

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133468.D
 Acq On : 24 May 2023 13:49
 Operator : CG\JU
 Sample : 02891-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290-328MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 15:23:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	106519	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	408460	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	198850	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	401618	20.000	ng	0.00
76) Chrysene-d12	14.010	240	275786	20.000	ng	0.00
86) Perylene-d12	15.462	264	242750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	785747	120.581	ng	0.01
7) Phenol-d6	6.469	99	901779	115.117	ng	0.00
23) Nitrobenzene-d5	7.404	82	625047	105.795	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	283728	154.461	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1101490	77.934	ng	0.00
79) Terphenyl-d14	12.957	244	1341885	93.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	101793	34.509	ng	# 80
3) Pyridine	3.422	79	217610	28.020	ng	99
4) n-Nitrosodimethylamine	3.334	42	188803	42.586	ng	99
6) Aniline	6.504	93	246436	23.019	ng	98
8) 2-Chlorophenol	6.622	128	299327	46.308	ng	96
9) Benzaldehyde	6.392	77	159953	36.163	ng	94
10) Phenol	6.481	94	335016m	41.823	ng	
11) bis(2-Chloroethyl)ether	6.581	93	281371	43.036	ng	96
12) 1,3-Dichlorobenzene	6.781	146	283659	40.206	ng	97
13) 1,4-Dichlorobenzene	6.857	146	283774	40.170	ng	97
14) 1,2-Dichlorobenzene	7.010	146	280013	42.921	ng	100
15) Benzyl Alcohol	6.981	79	273194	46.087	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	534527	43.206	ng	98
17) 2-Methylphenol	7.086	107	253894	43.077	ng	99
18) Hexachloroethane	7.357	117	102719	42.671	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	217776	44.422	ng	98
20) 3+4-Methylphenols	7.245	107	312383	43.787	ng	# 86
22) Acetophenone	7.251	105	414592	43.253	ng	94
24) Nitrobenzene	7.428	77	325847	49.892	ng	95
25) Isophorone	7.663	82	606022	43.592	ng	97
26) 2-Nitrophenol	7.739	139	139689	51.151	ng	89
27) 2,4-Dimethylphenol	7.775	122	276363	46.511	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	353443	43.034	ng	99
29) 2,4-Dichlorophenol	7.975	162	252882	46.936	ng	94
30) 1,2,4-Trichlorobenzene	8.063	180	245179	41.846	ng	99
31) Naphthalene	8.145	128	828164	41.277	ng	100
32) Benzoic acid	7.881	122	161301	52.218	ng	98
33) 4-Chloroaniline	8.192	127	62003	7.376	ng	97
34) Hexachlorobutadiene	8.263	225	142016	39.883	ng	98
35) Caprolactam	8.557	113	83577m	51.074	ng	
36) 4-Chloro-3-methylphenol	8.669	107	283521	48.630	ng	98
37) 2-Methylnaphthalene	8.839	142	559993	41.634	ng	100
38) 1-Methylnaphthalene	8.939	142	522950	41.725	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	248477	41.114	ng	98
41) Hexachlorocyclopentadiene	8.992	237	282543	98.024	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	182154	49.082	ng	98

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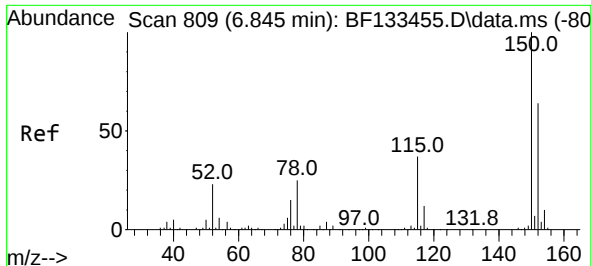
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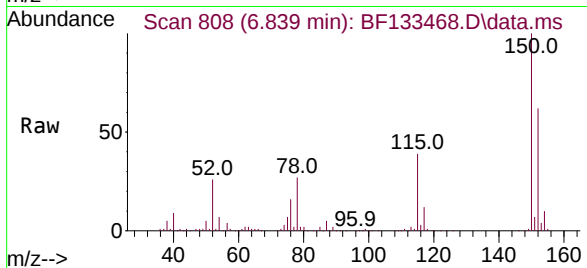
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	197697	46.057	ng	96
46) 1,1'-Biphenyl	9.304	154	720485	43.199	ng	99
47) 2-Chloronaphthalene	9.327	162	521484	43.587	ng	100
48) 2-Nitroaniline	9.422	65	183754	51.753	ng	94
49) Acenaphthylene	9.745	152	897165	44.142	ng	100
50) Dimethylphthalate	9.604	163	639888	47.134	ng	100
51) 2,6-Dinitrotoluene	9.663	165	135531	52.390	ng	93
52) Acenaphthene	9.916	154	598565	49.048	ng	98
53) 3-Nitroaniline	9.827	138	102974	33.411	ng	93
54) 2,4-Dinitrophenol	9.933	184	120410	100.954	ng	94
55) Dibenzofuran	10.086	168	807320	44.324	ng	99
56) 4-Nitrophenol	9.986	139	248438	94.844	ng	91
57) 2,4-Dinitrotoluene	10.069	165	180090	57.091	ng	# 83
58) Fluorene	10.427	166	600762	45.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	164618	51.687	ng	98
60) Diethylphthalate	10.304	149	664080	48.250	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	280453	45.103	ng	96
62) 4-Nitroaniline	10.445	138	161789	51.641	ng	99
63) Azobenzene	10.586	77	651407	45.760	ng	99
65) 4,6-Dinitro-2-methylph...	10.469	198	77972	56.706	ng	93
66) n-Nitrosodiphenylamine	10.539	169	560480	42.325	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	178384	42.353	ng	97
68) Hexachlorobenzene	10.974	284	201453	45.580	ng	99
69) Atrazine	11.069	200	182171	53.751	ng	98
70) Pentachlorophenol	11.169	266	230301	91.810	ng	99
71) Phenanthrene	11.392	178	909237	43.723	ng	99
72) Anthracene	11.445	178	925215	43.612	ng	99
73) Carbazole	11.598	167	914833	45.519	ng	99
74) Di-n-butylphthalate	11.933	149	1069603	49.602	ng	99
75) Fluoranthene	12.580	202	1028568	45.937	ng	99
77) Benzidine	12.698	184	175269	26.671	ng	98
78) Pyrene	12.810	202	1072307	47.700	ng	100
80) Butylbenzylphthalate	13.433	149	451808	53.072	ng	92
81) Benzo(a)anthracene	13.998	228	851352	45.474	ng	98
82) 3,3'-Dichlorobenzidine	13.962	252	211406	39.791	ng	99
83) Chrysene	14.039	228	860575	45.271	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	527806	52.021	ng	98
85) Di-n-octyl phthalate	14.610	149	900964	48.812	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	807207	49.095	ng	100
88) Benzo(b)fluoranthene	15.045	252	735514	48.752	ng	99
89) Benzo(k)fluoranthene	15.074	252	712270	48.581	ng	99
90) Benzo(a)pyrene	15.404	252	616022	43.337	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	649964	48.537	ng	98
92) Benzo(g,h,i)perylene	17.362	276	677542	50.087	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

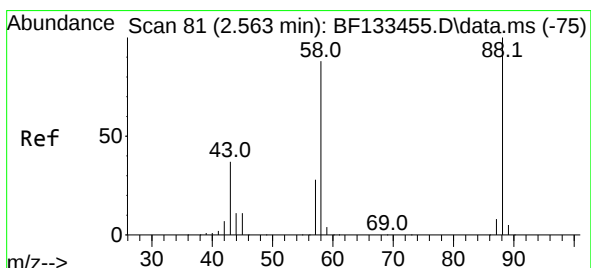
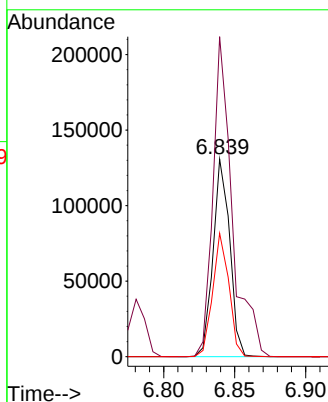
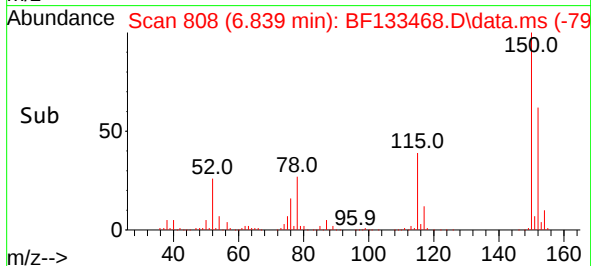
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion:152 Resp: 106519
Ion Ratio Lower Upper
152 100
150 161.9 125.6 188.4
115 62.5 47.0 70.4

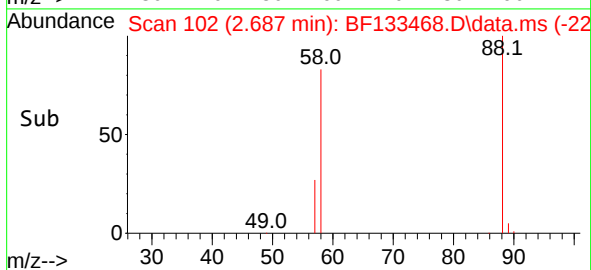
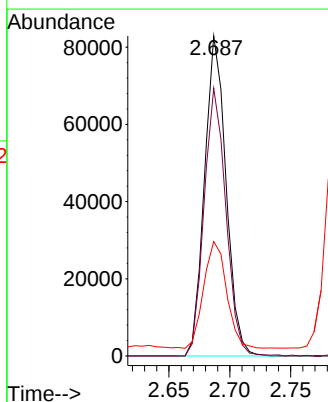
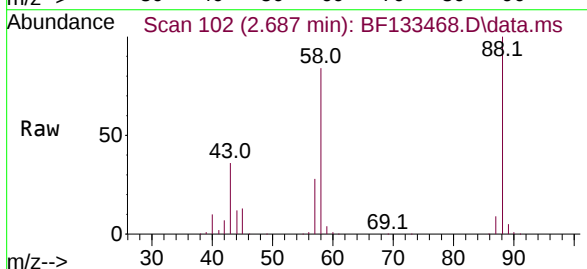
Manual Integrations
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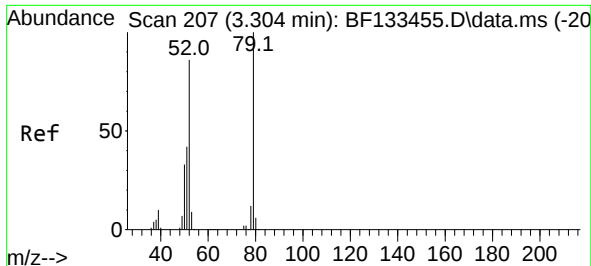
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#2
1,4-Dioxane
Concen: 34.509 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.123 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

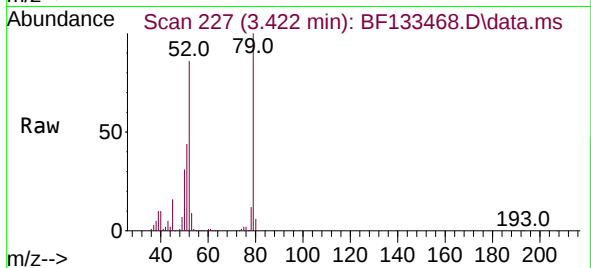
Tgt Ion: 88 Resp: 101793
Ion Ratio Lower Upper
88 100
58 84.9 69.6 104.4
43 0.0 29.0 43.4#





#3
Pyridine
Concen: 28.020 ng
RT: 3.422 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

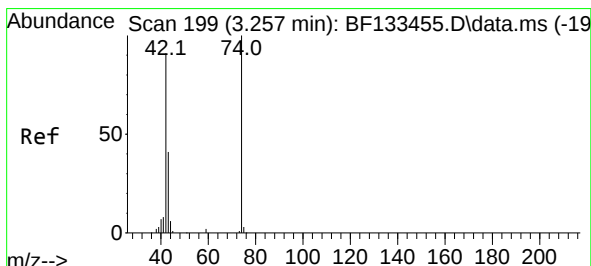
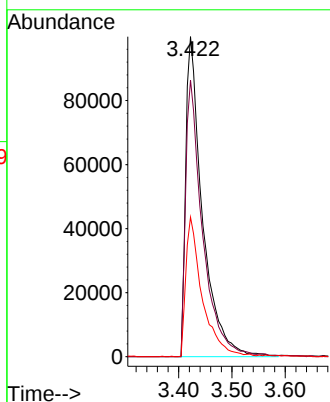
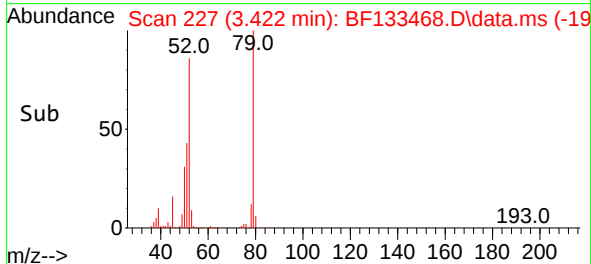
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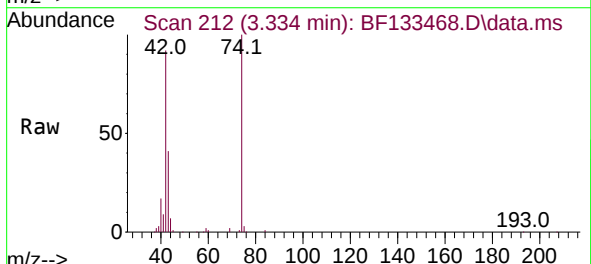
Tgt Ion: 79 Resp: 217610
Ion Ratio Lower Upper
79 100
52 86.5 68.6 103.0
51 43.6 33.8 50.6

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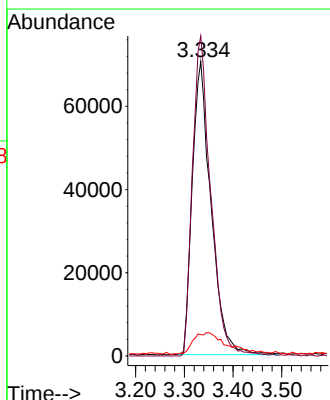
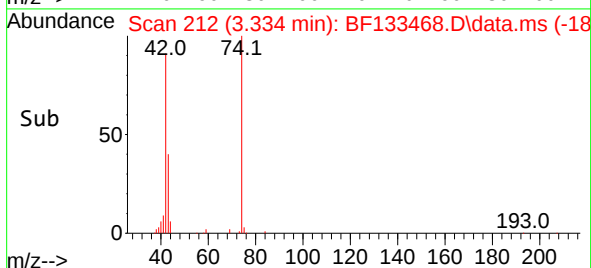
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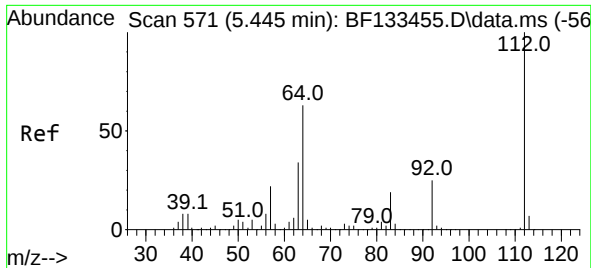


#4
n-Nitrosodimethylamine
Concen: 42.586 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.076 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion: 42 Resp: 188803
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.2
44 7.2 6.0 9.0





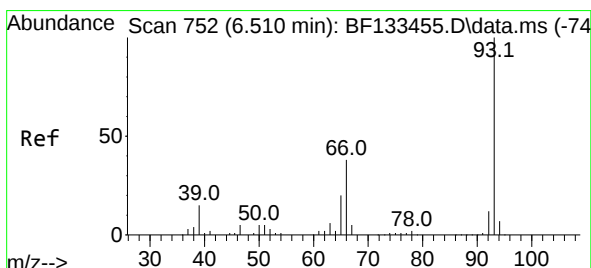
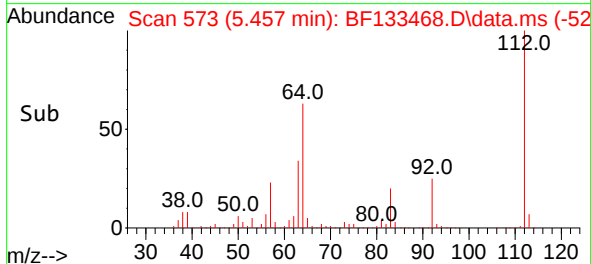
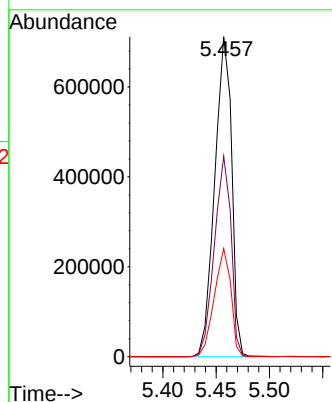
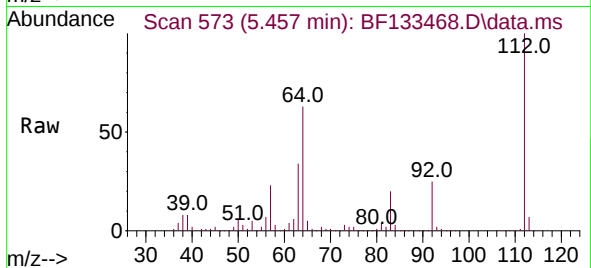
#5
2-Fluorophenol
Concen: 120.581 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

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Tgt Ion:112 Resp: 78574
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.4
63 33.8 27.2 40.8

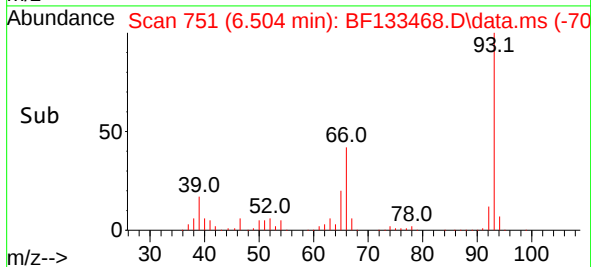
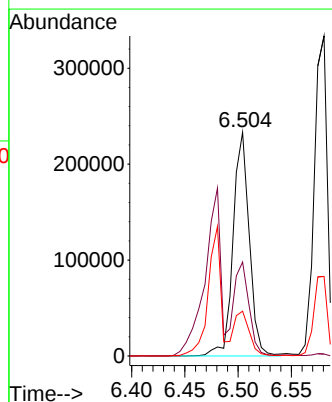
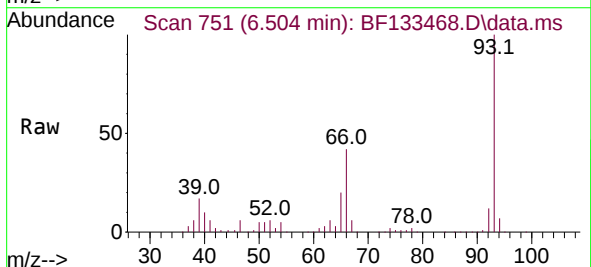
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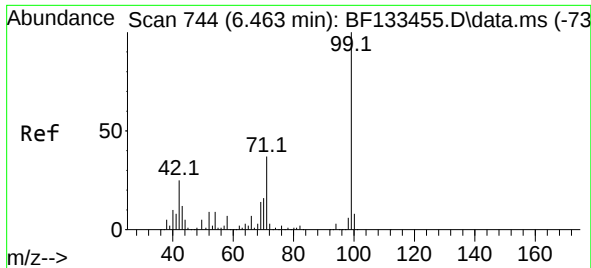
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#6
Aniline
Concen: 23.019 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Tgt Ion: 93 Resp: 246436
Ion Ratio Lower Upper
93 100
66 42.0 32.5 48.7
65 20.0 16.4 24.6





#7

Phenol-d6

Concen: 115.117 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

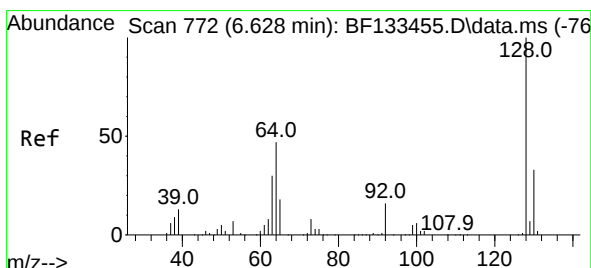
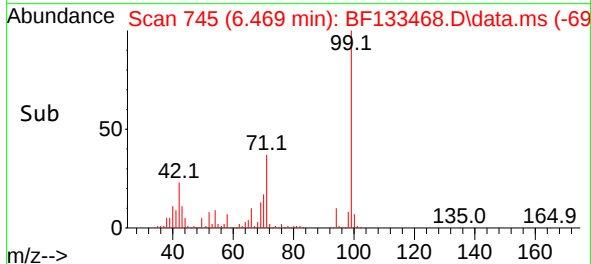
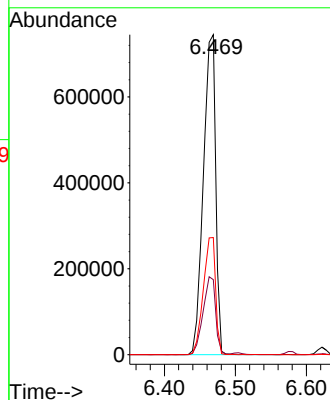
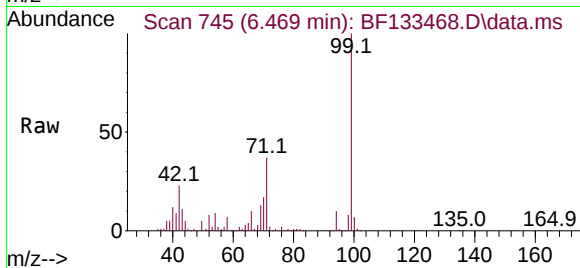
290-328MSD

Tgt Ion:	99	Resp:	901779
Ion Ratio	Lower	Upper	
99	100		
42	23.5	19.6	29.4
71	36.6	29.5	44.3

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#8

2-Chlorophenol

Concen: 46.308 ng

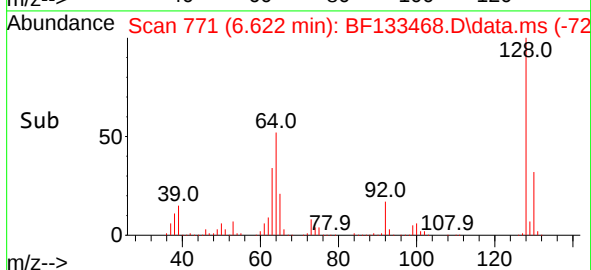
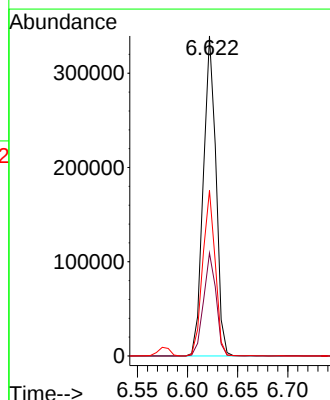
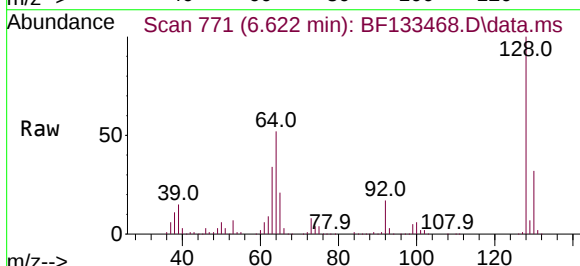
RT: 6.622 min Scan# 771

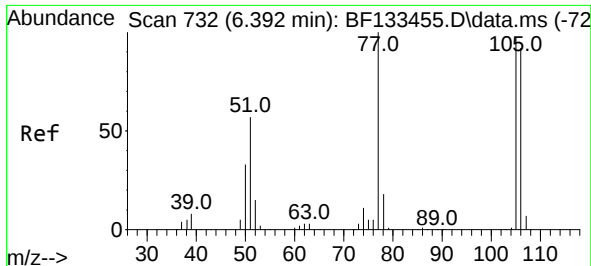
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Lab File: BF133468.D

Acq: 24 May 2023 13:49

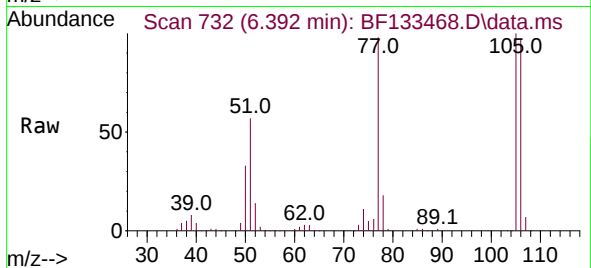
Tgt Ion:	128	Resp:	299327
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	51.7	27.8	67.8





#9
Benzaldehyde
Concen: 36.163 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133468.D
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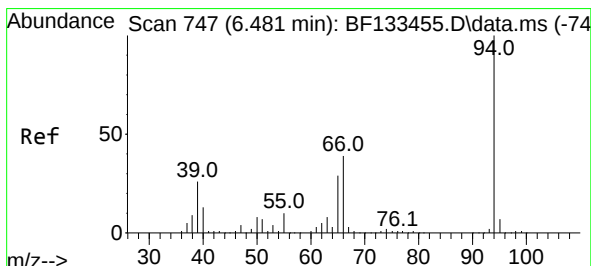
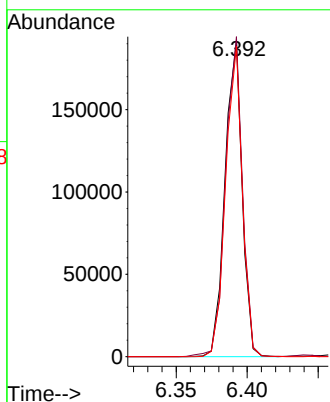
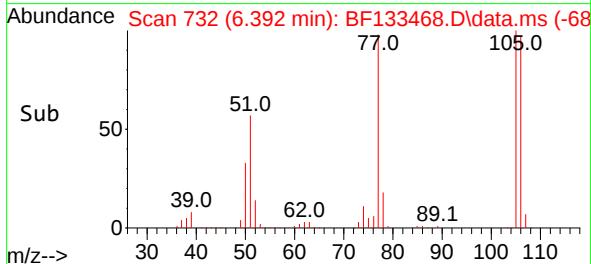
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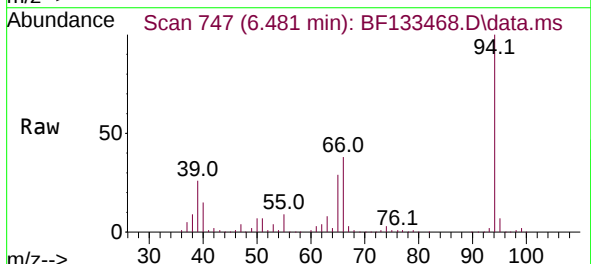
Tgt Ion: 77 Resp: 15995
Ion Ratio Lower Upper
77 100
105 101.6 76.6 116.6
106 98.6 71.7 111.7

Manual Integrations
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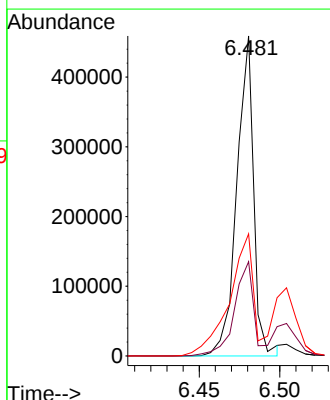
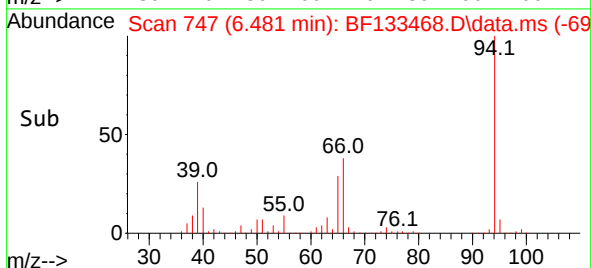
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

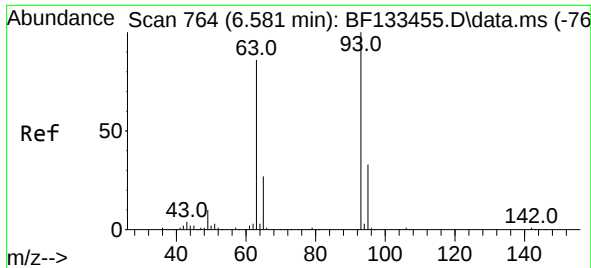


#10
Phenol
Concen: 41.823 ng m
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



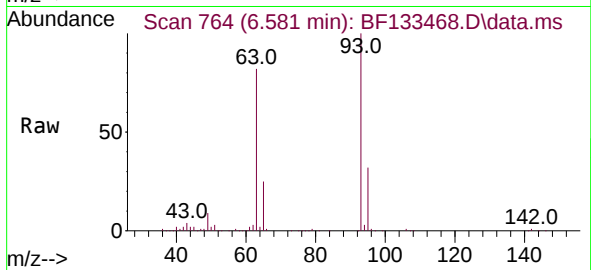
Tgt Ion: 94 Resp: 335016
Ion Ratio Lower Upper
94 100
65 29.4 9.2 49.2
66 38.2 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 43.036 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

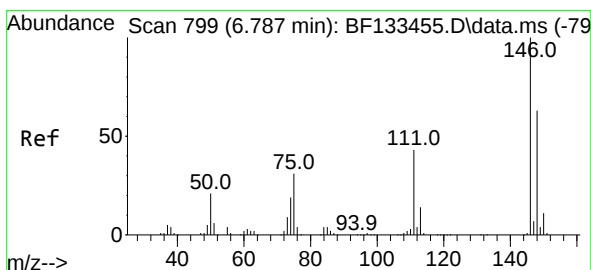
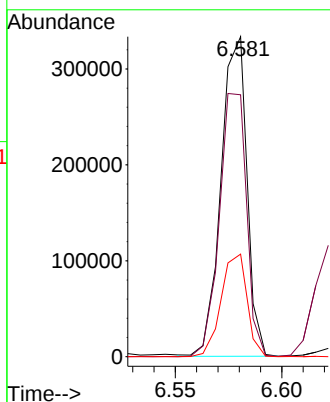
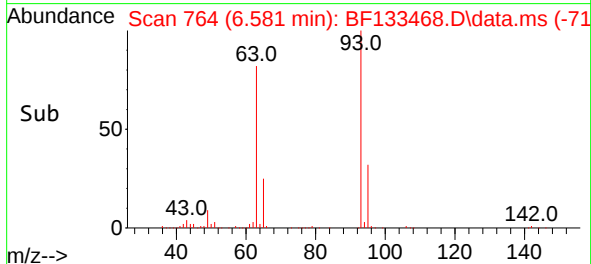
Instrument :
BNA_F
ClientSampleId :
290-328MSD



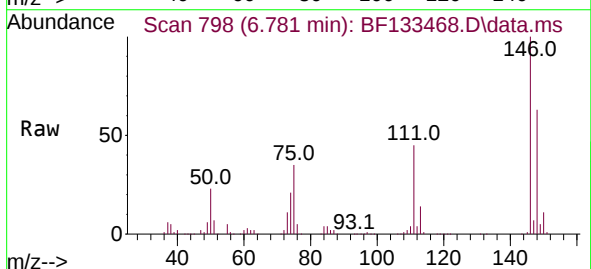
Tgt Ion: 93 Resp: 28137
Ion Ratio Lower Upper
93 100
63 81.9 66.2 106.2
95 32.1 12.7 52.7

Manual Integrations
APPROVED

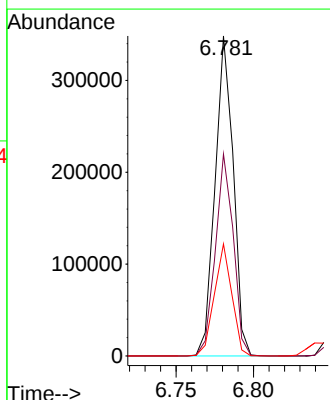
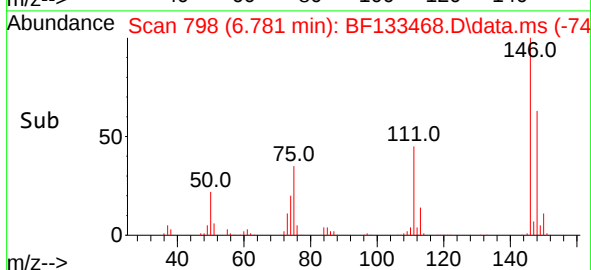
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

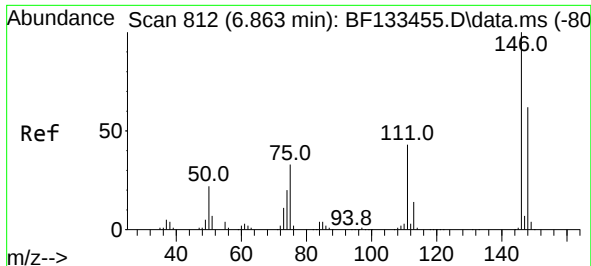


#12
1,3-Dichlorobenzene
Concen: 40.206 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:146 Resp: 283659
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
75 35.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.170 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

Tgt Ion:146 Resp: 283774

Ion Ratio Lower Upper

146 100

148 63.7 49.5 74.3

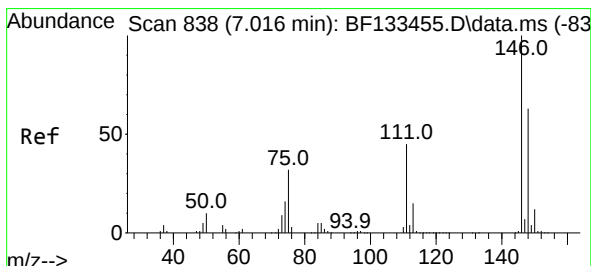
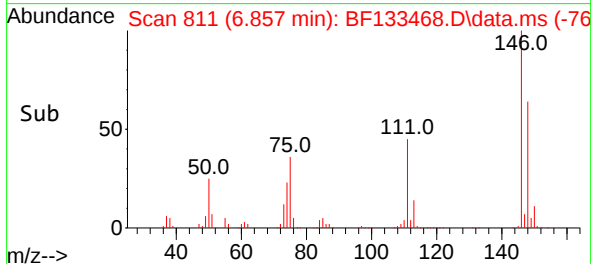
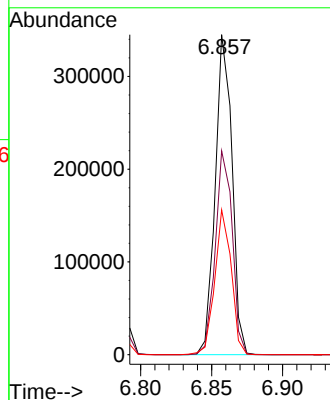
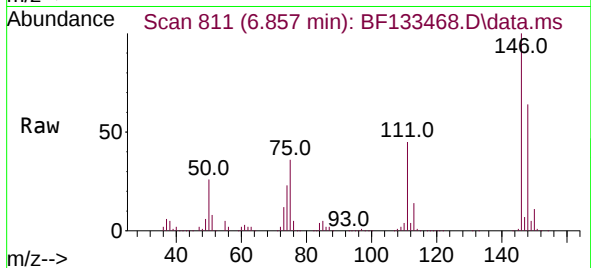
111 45.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#14

1,2-Dichlorobenzene

Concen: 42.921 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

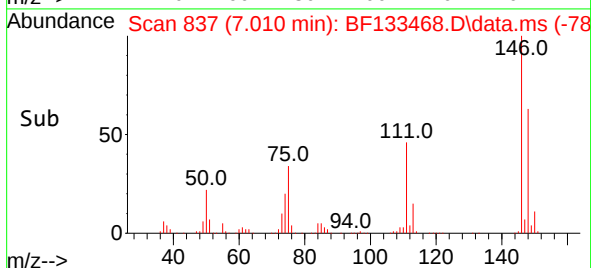
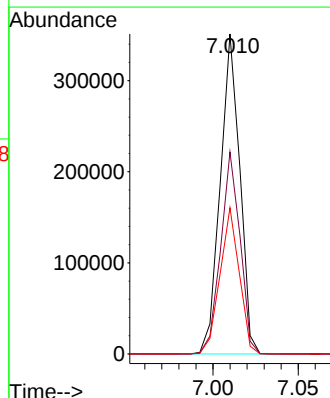
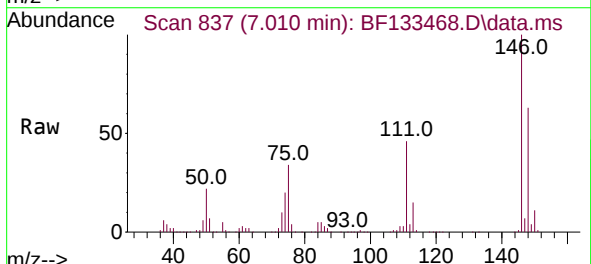
Tgt Ion:146 Resp: 280013

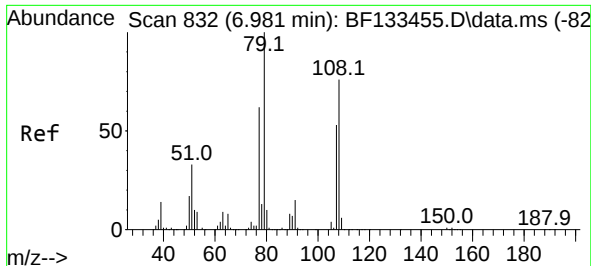
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

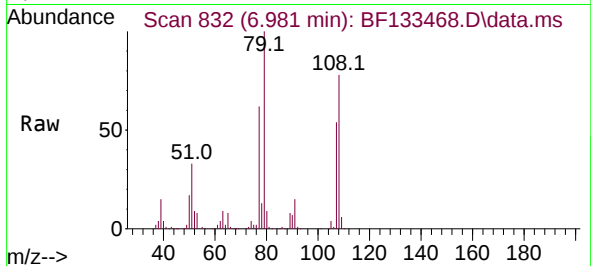
111 45.7 36.3 54.5





#15
Benzyl Alcohol
Concen: 46.087 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

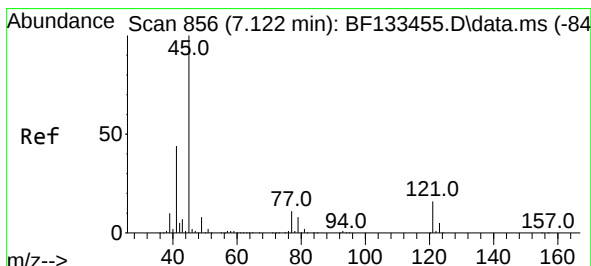
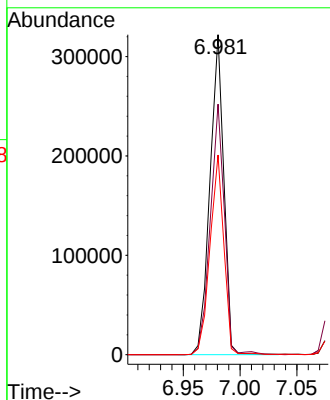
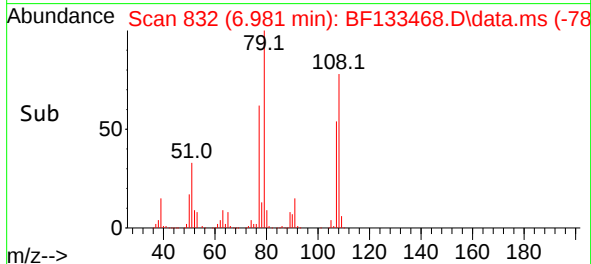
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion: 79 Resp: 273194
Ion Ratio Lower Upper
79 100
108 78.3 60.5 90.7
77 62.4 49.9 74.9

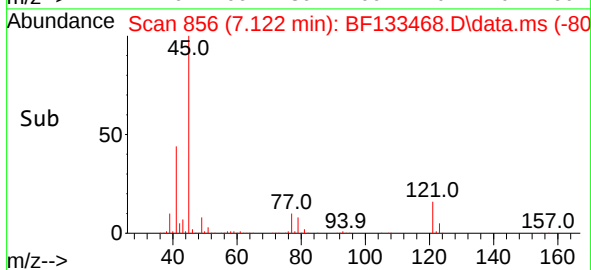
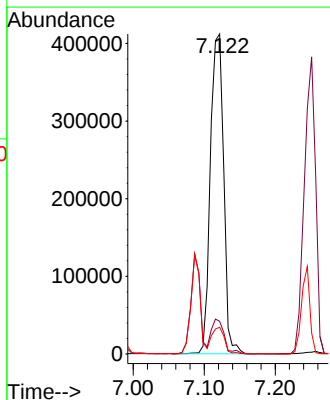
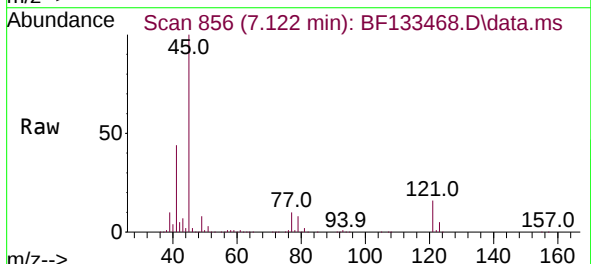
Manual Integrations
APPROVED

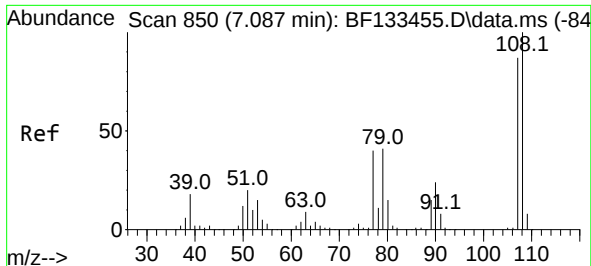
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.206 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Tgt Ion: 45 Resp: 534527
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.9
79 8.4 0.0 28.0





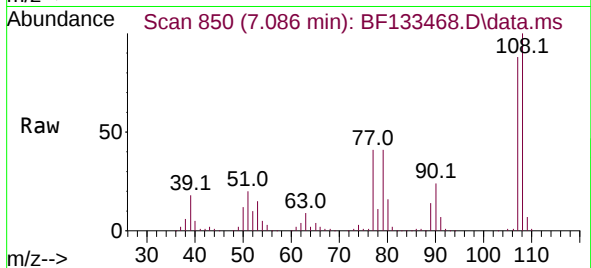
#17
2-Methylphenol
Concen: 43.077 ng
RT: 7.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

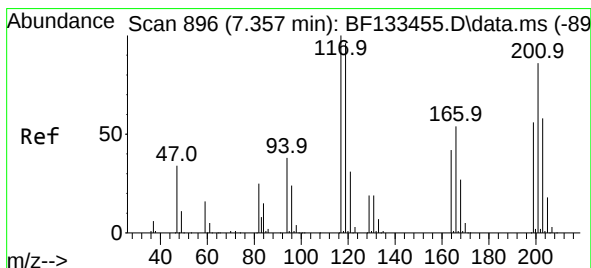
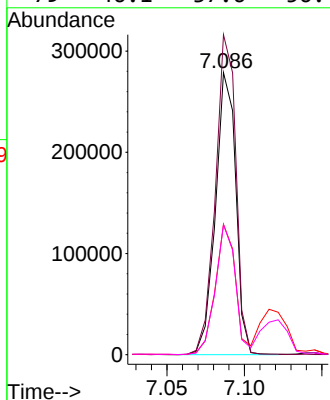
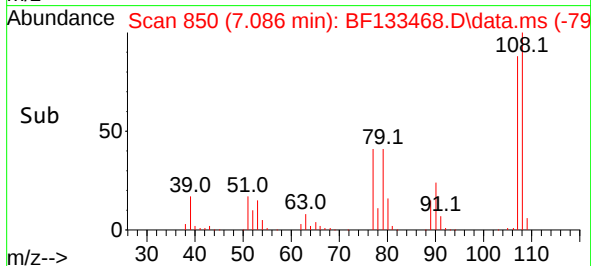


Tgt Ion:107 Resp: 253894
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 46.3 37.2 55.8
79 46.1 37.6 56.4

Manual Integrations

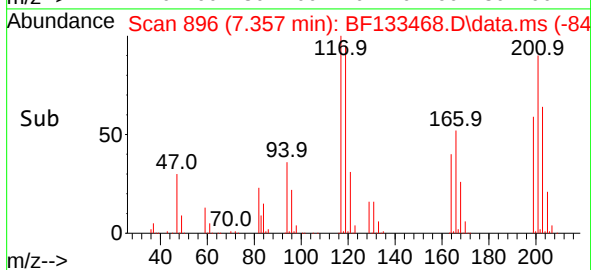
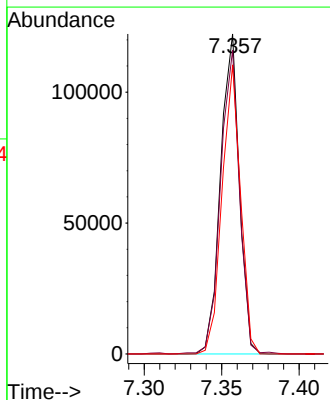
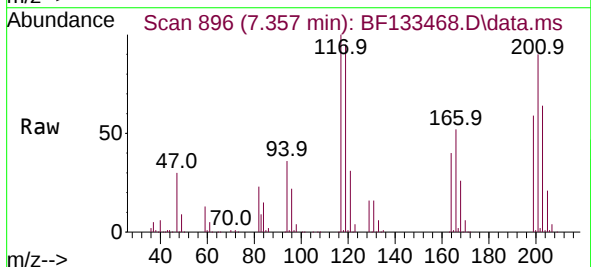
APPROVED

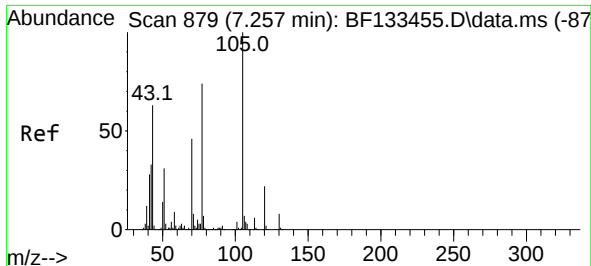
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 42.671 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

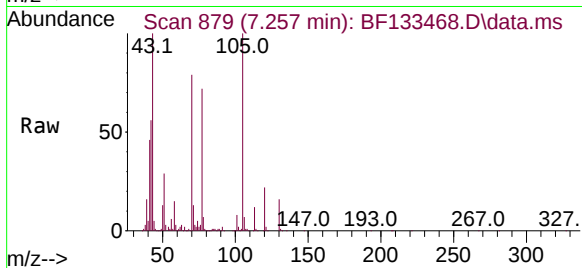
Tgt Ion:117 Resp: 102719
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
201 90.4 68.6 103.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.422 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

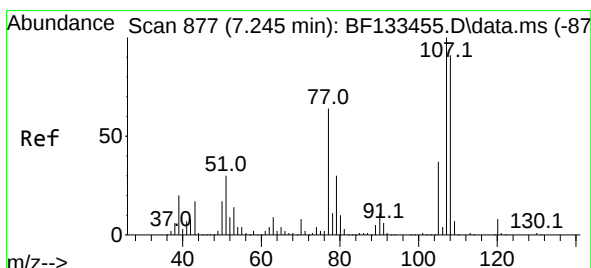
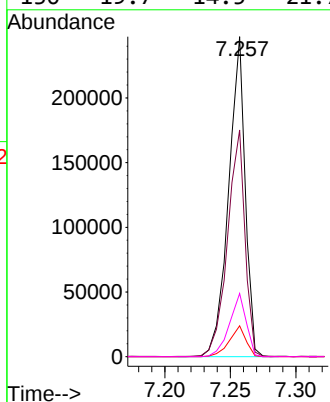
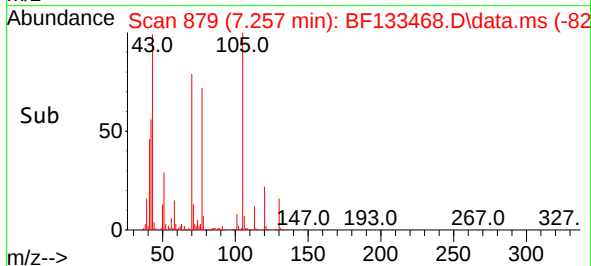
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion: 70 Resp: 217770
Ion Ratio Lower Upper
70 100
42 70.8 57.7 86.5
101 9.6 7.6 11.4
130 19.7 14.5 21.7

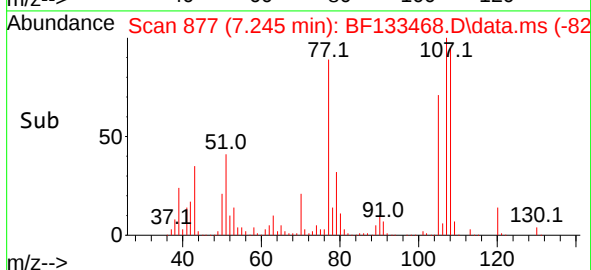
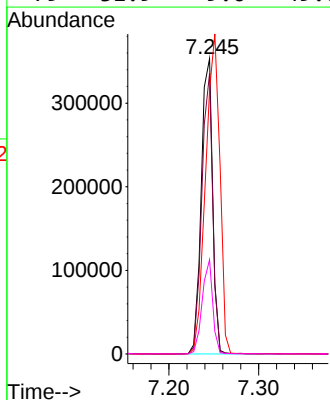
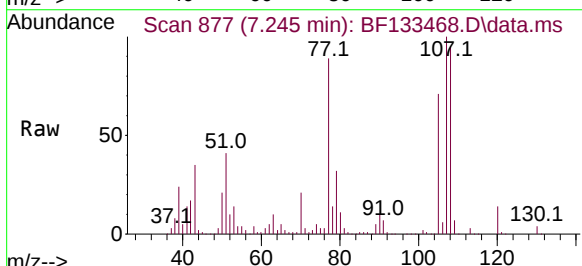
Manual Integrations
APPROVED

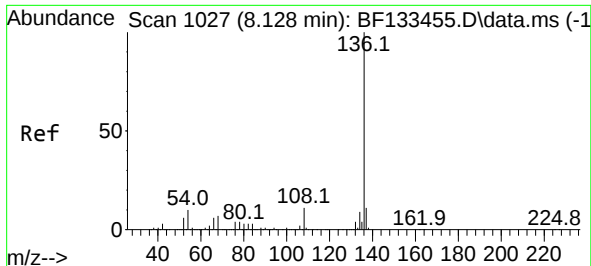
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#20
3+4-Methylphenols
Concen: 43.787 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

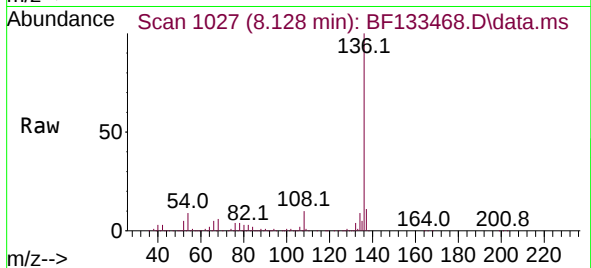
Tgt Ion:107 Resp: 312383
Ion Ratio Lower Upper
107 100
108 95.0 71.5 111.5
77 89.4 44.0 84.0#
79 31.9 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

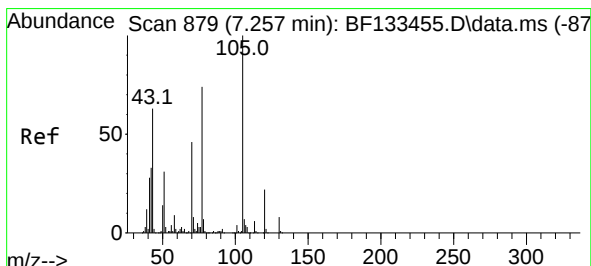
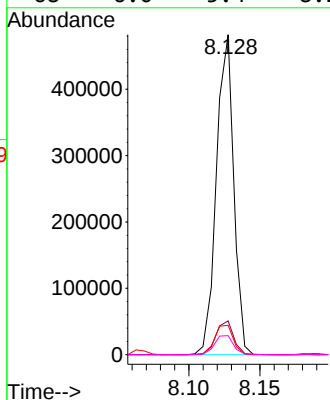
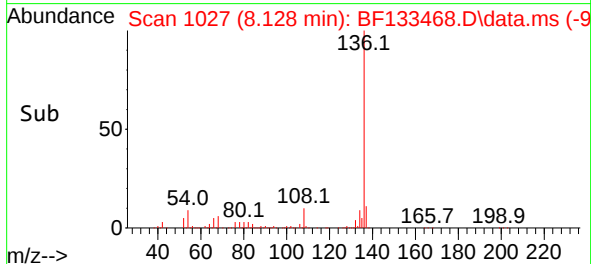
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion:136 Resp: 408460
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.2 8.0 12.0
68 6.0 5.4 8.2

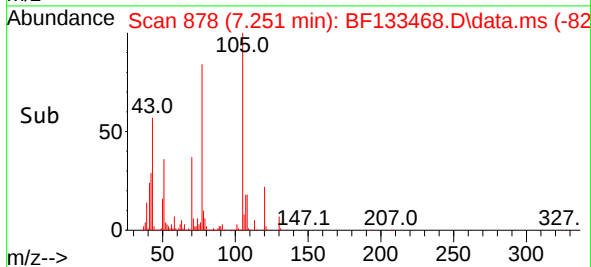
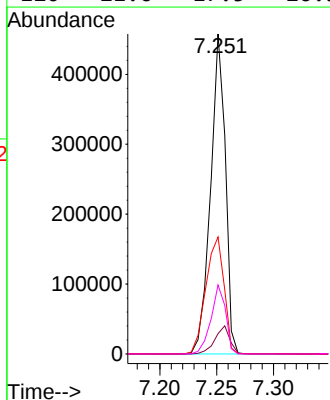
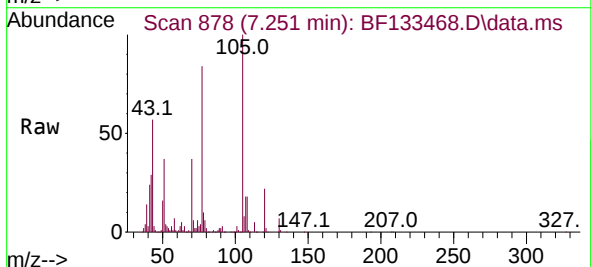
Manual Integrations
APPROVED

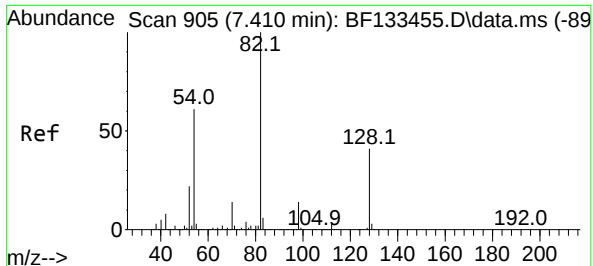
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 43.253 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Tgt Ion:105 Resp: 414592
Ion Ratio Lower Upper
105 100
71 6.3 6.2 9.4
51 36.5 24.6 36.8
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 105.795 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

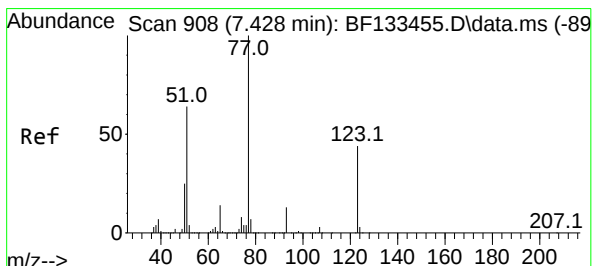
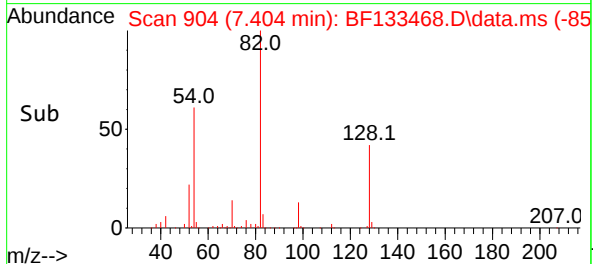
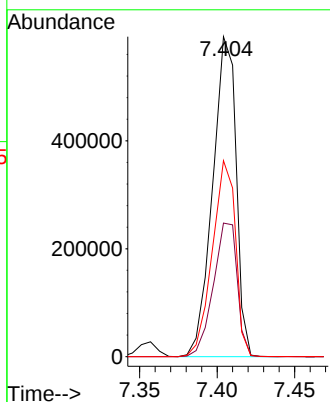
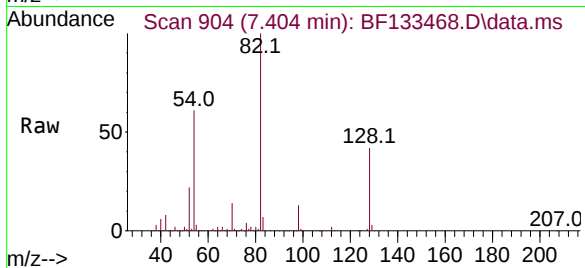
290-328MSD

Tgt Ion:	82	Resp:	62504
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.6
54	61.3	48.5	72.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#24

Nitrobenzene

Concen: 49.892 ng

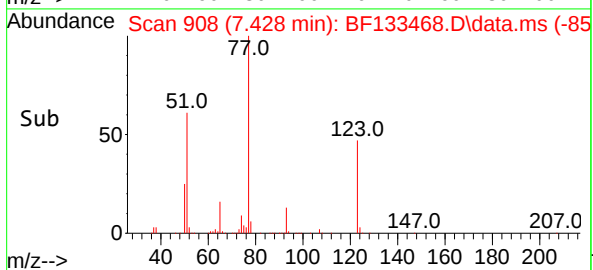
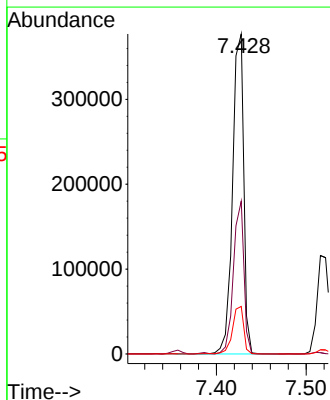
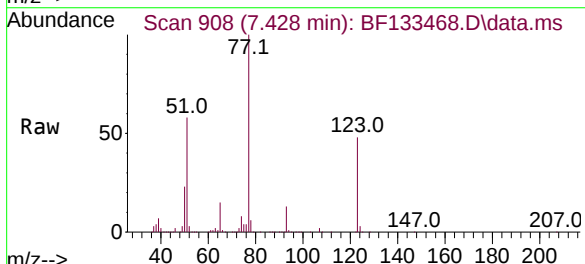
RT: 7.428 min Scan# 908

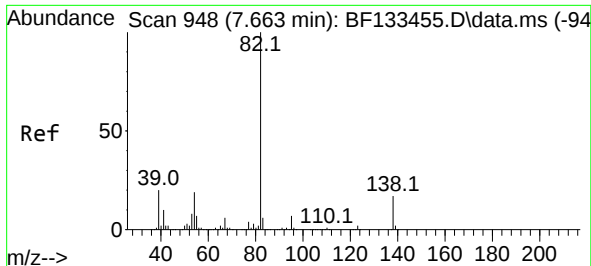
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

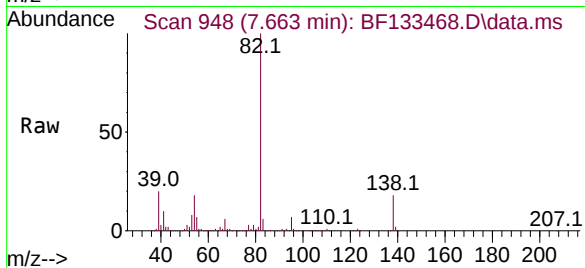
Tgt Ion:	77	Resp:	325847
Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.3	52.9
65	14.8	11.5	17.3





#25
Isophorone
Concen: 43.592 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

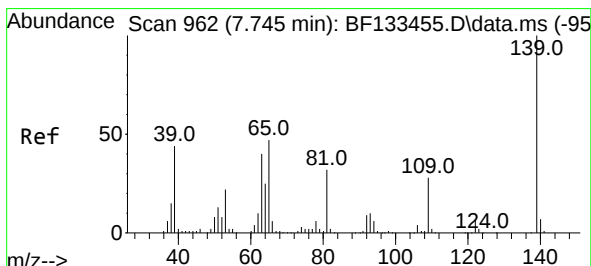
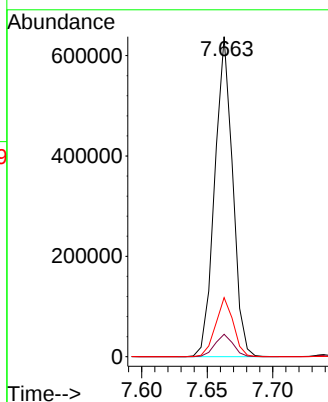
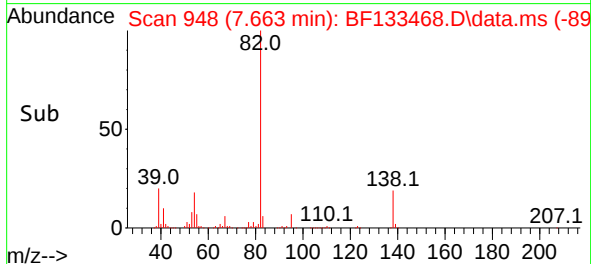
Instrument :
BNA_F
ClientSampleId :
290-328MSD



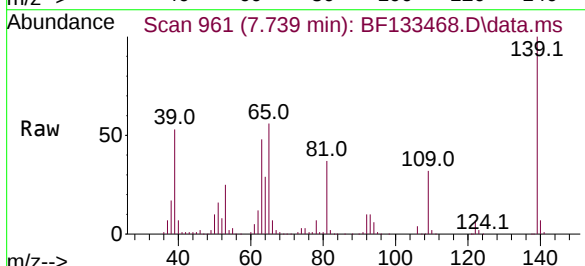
Tgt Ion: 82 Resp: 60602
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.5 13.5 20.3

Manual Integrations
APPROVED

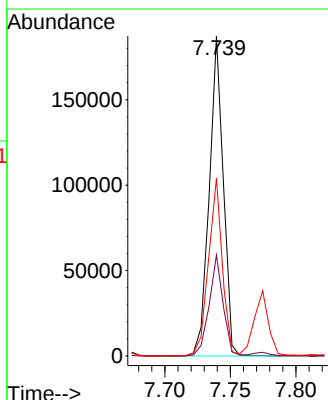
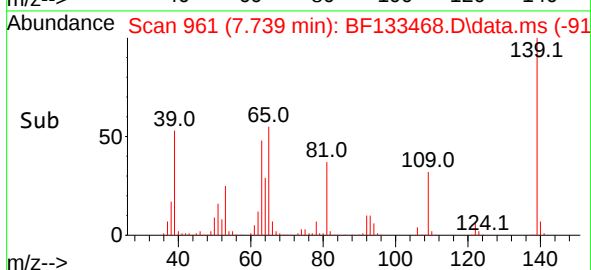
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

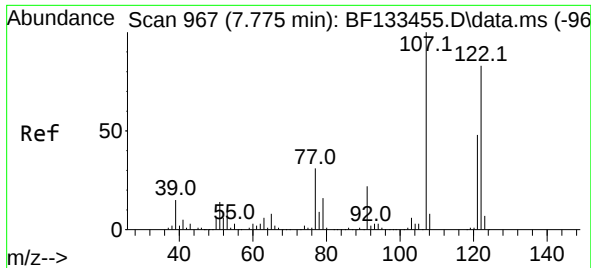


#26
2-Nitrophenol
Concen: 51.151 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:139 Resp: 139689
Ion Ratio Lower Upper
139 100
109 31.6 22.3 33.5
65 55.6 37.6 56.4





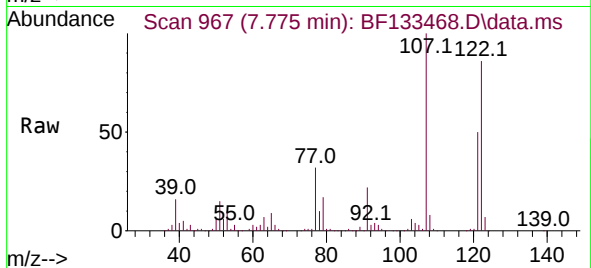
#27
2,4-Dimethylphenol
Concen: 46.511 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

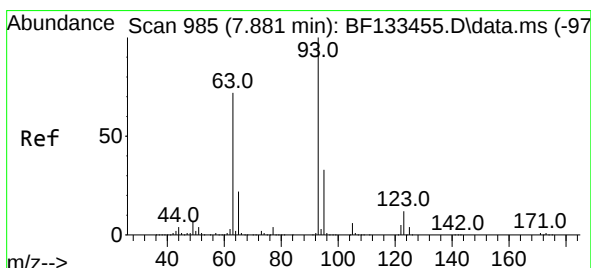
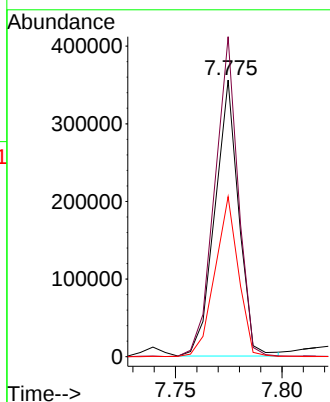
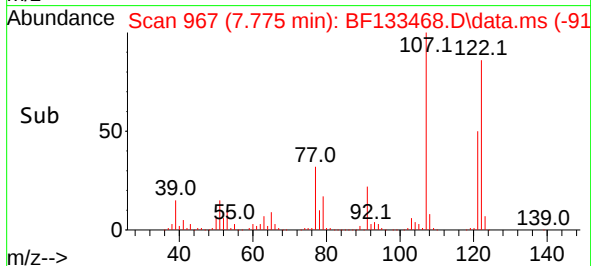
290-328MSD



Tgt Ion:122 Resp: 27636
Ion Ratio Lower Upper
122 100
107 115.7 95.7 143.5
121 57.8 45.8 68.8

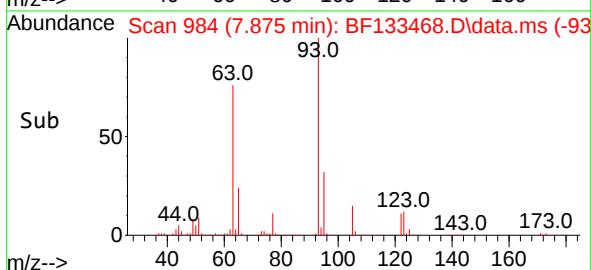
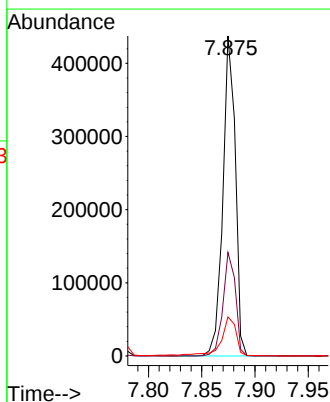
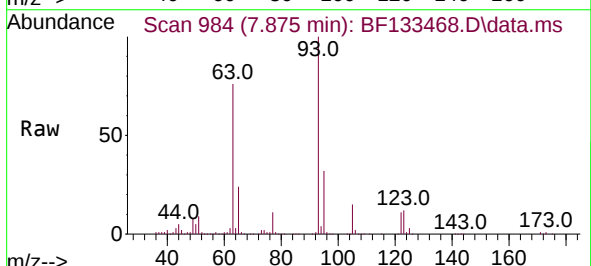
Manual Integrations
APPROVED

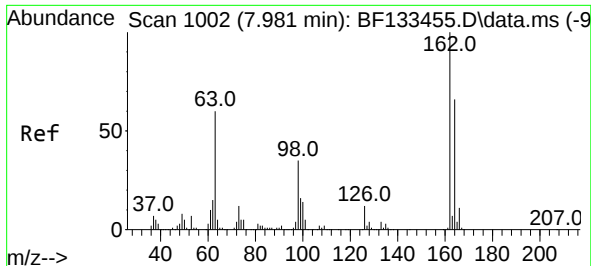
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.034 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Tgt Ion: 93 Resp: 353443
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 46.936 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

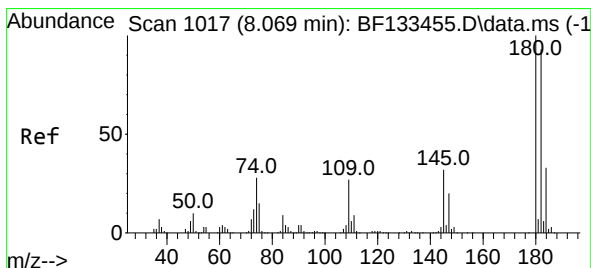
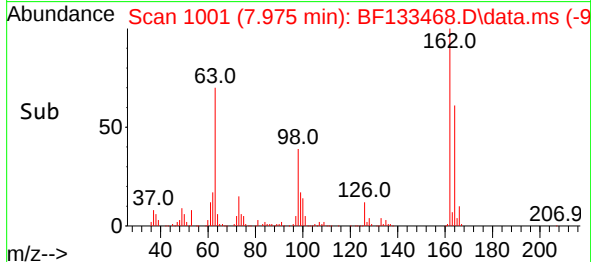
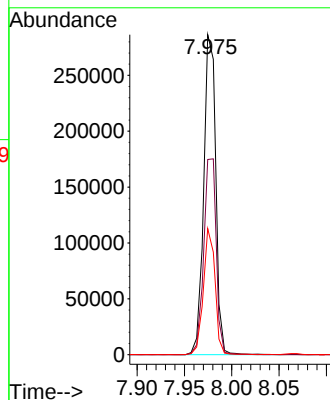
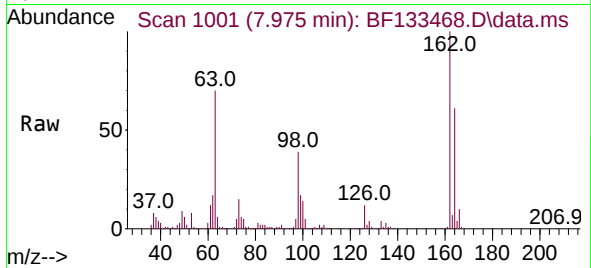
290-328MSD

Tgt Ion:162 Resp: 25288
 Ion Ratio Lower Upper
 162 100
 164 61.0 46.0 86.0
 98 39.4 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.846 ng

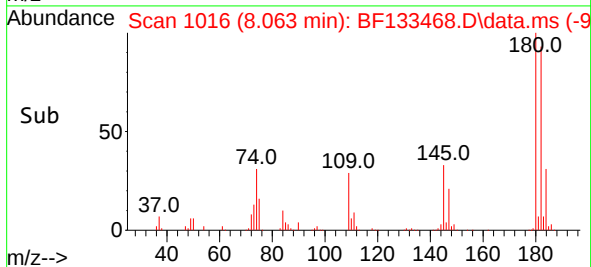
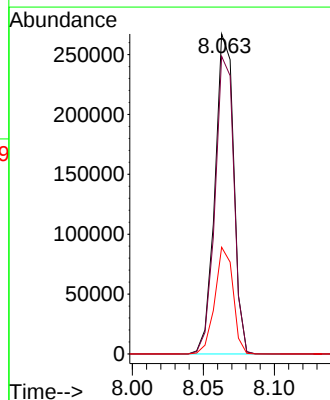
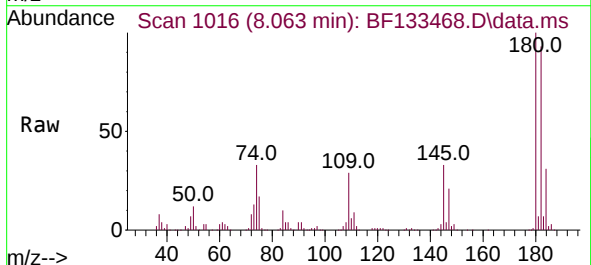
RT: 8.063 min Scan# 1016

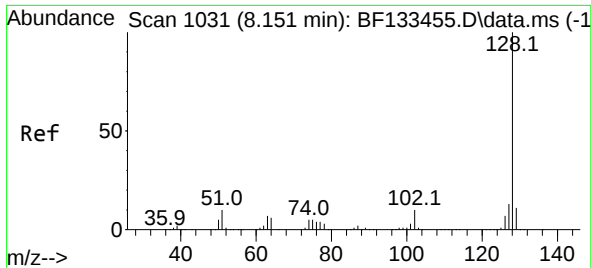
Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

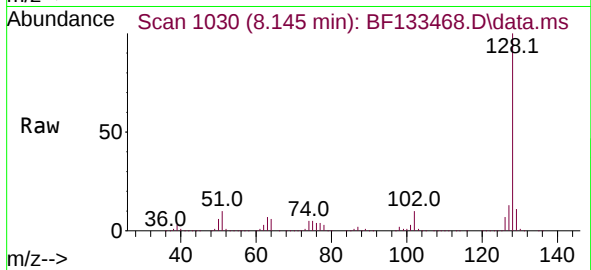
Tgt Ion:180 Resp: 245179
 Ion Ratio Lower Upper
 180 100
 182 93.0 74.5 111.7
 145 33.4 25.8 38.8





#31
Naphthalene
Concen: 41.277 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

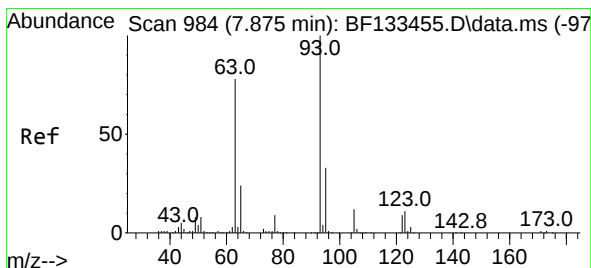
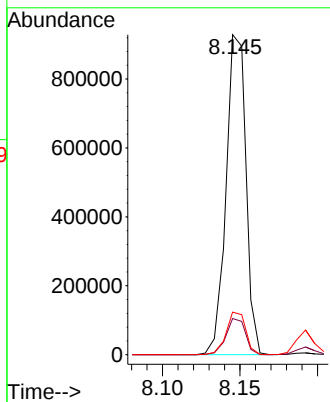
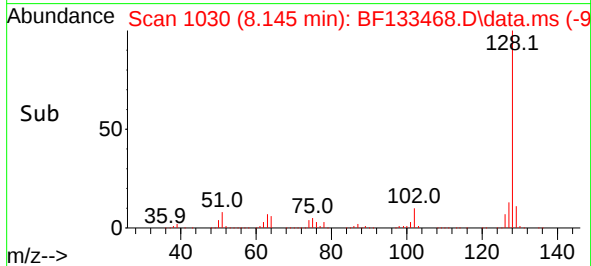
Instrument :
BNA_F
ClientSampleId :
290-328MSD



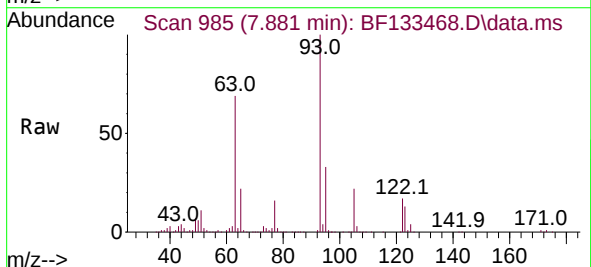
Tgt Ion:128 Resp: 828164
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations
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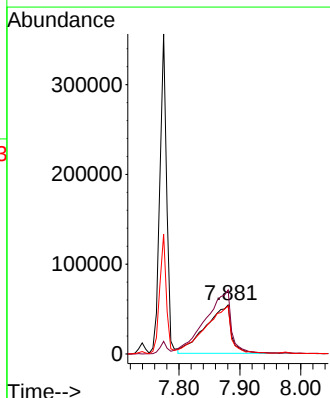
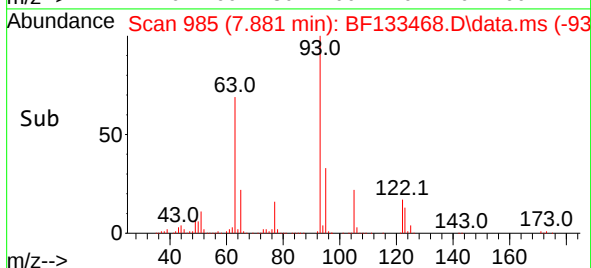
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

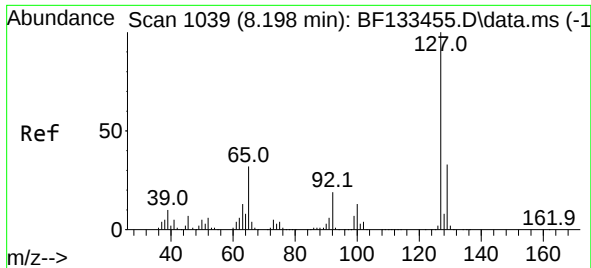


#32
Benzoic acid
Concen: 52.218 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:122 Resp: 161301
Ion Ratio Lower Upper
122 100
105 130.6 111.2 151.2
77 97.8 82.0 122.0





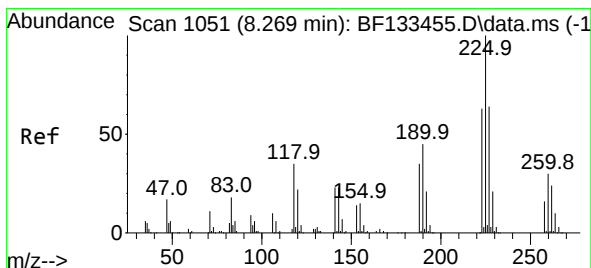
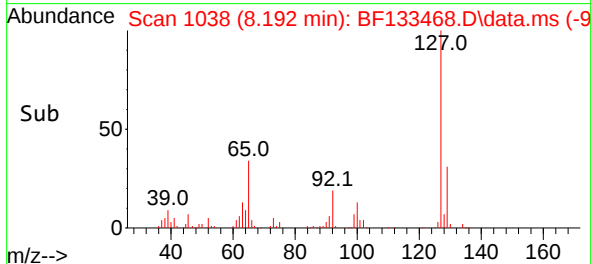
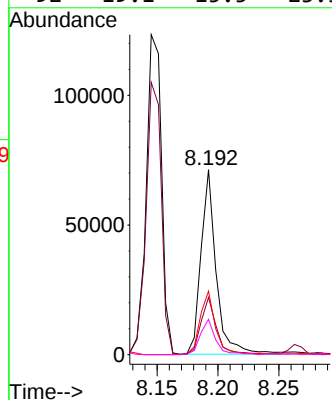
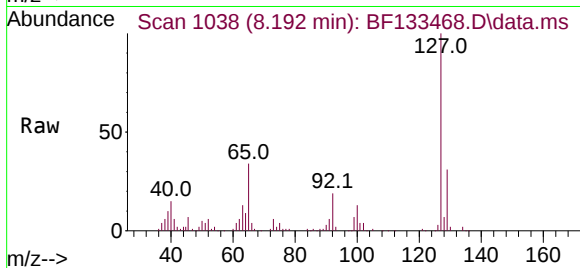
#33
4-Chloroaniline
Concen: 7.376 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :
BNA_F
ClientSampleId :
290-328MSD

Tgt Ion:127	Resp: 62000
Ion Ratio	Lower Upper
127 100	
129 31.0	26.1 39.1
65 34.4	25.9 38.9
92 19.1	15.5 23.3

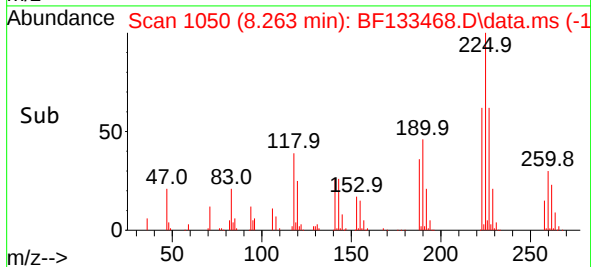
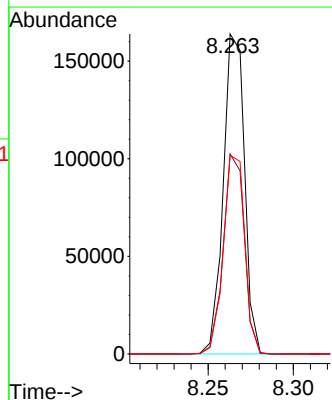
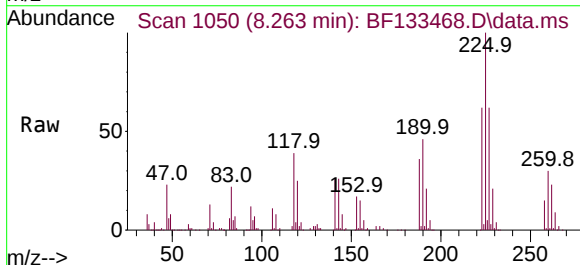
Manual Integrations
APPROVED

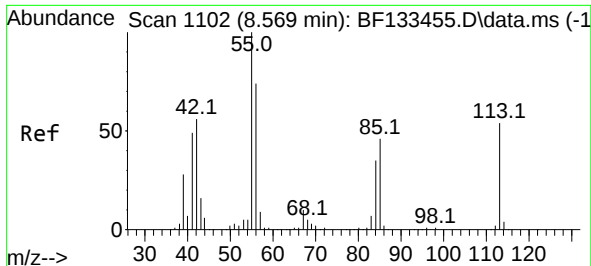
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#34
Hexachlorobutadiene
Concen: 39.883 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

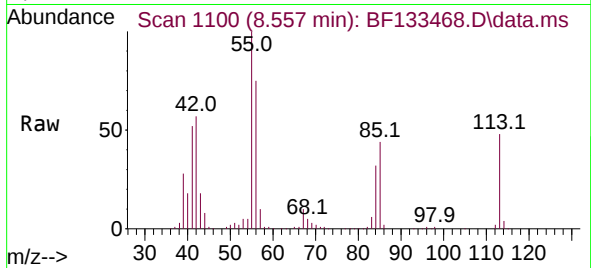
Tgt Ion:225	Resp: 142016
Ion Ratio	Lower Upper
225 100	
223 62.5	50.7 76.1
227 62.1	51.0 76.4





#35
Caprolactam
Concen: 51.074 ng m
RT: 8.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

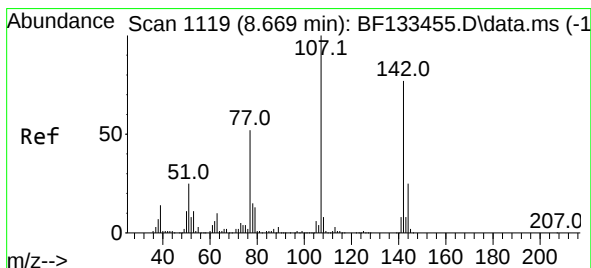
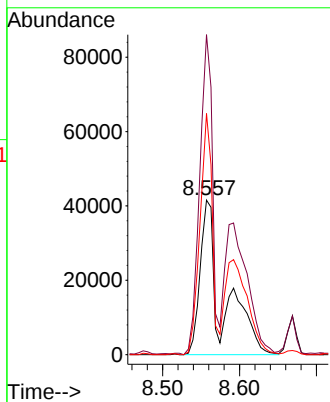
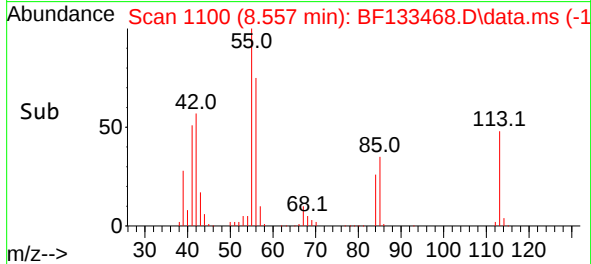
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion:113 Resp: 8357
Ion Ratio Lower Upper
113 100
55 207.1 164.2 204.2
56 156.1 115.7 155.7

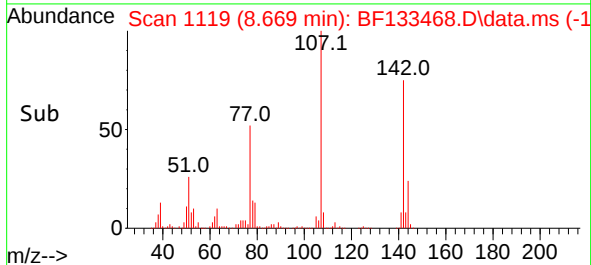
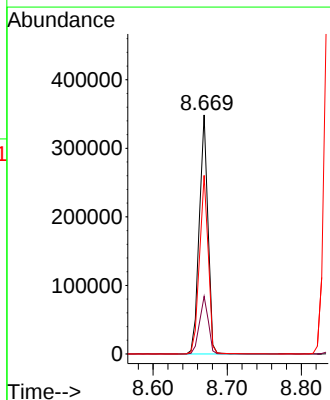
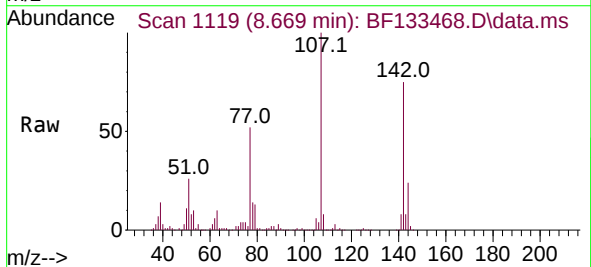
Manual Integrations
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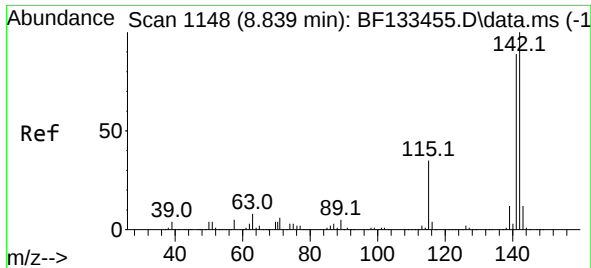
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#36
4-Chloro-3-methylphenol
Concen: 48.630 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Tgt Ion:107 Resp: 283521
Ion Ratio Lower Upper
107 100
144 24.1 19.8 29.6
142 74.7 61.7 92.5





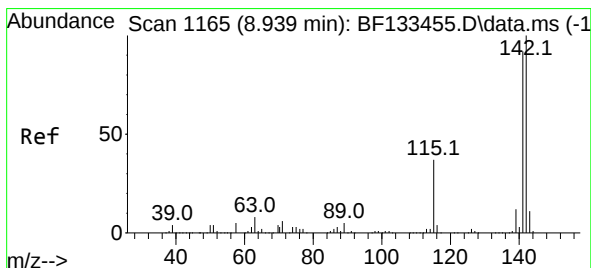
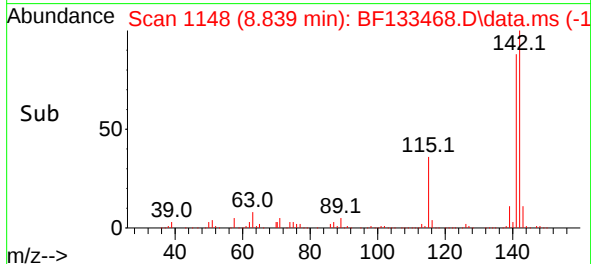
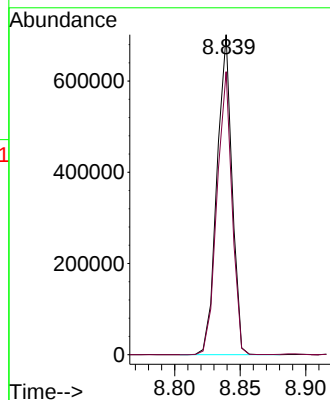
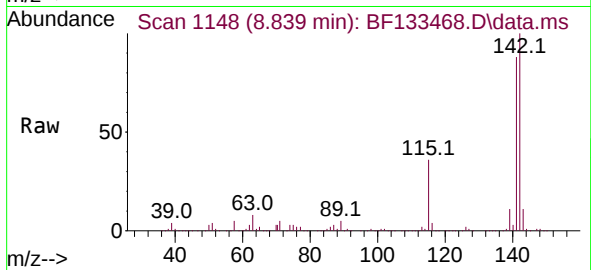
#37
2-Methylnaphthalene
Concen: 41.634 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :
BNA_F
ClientSampleId :
290-328MSD

Tgt Ion:142 Resp: 55999
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3

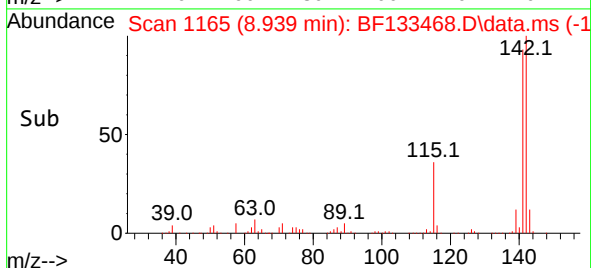
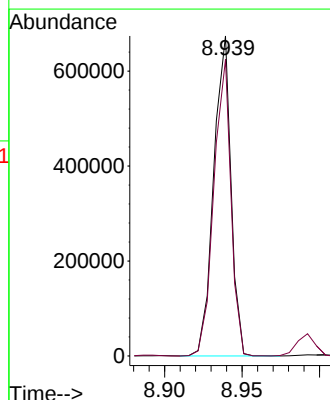
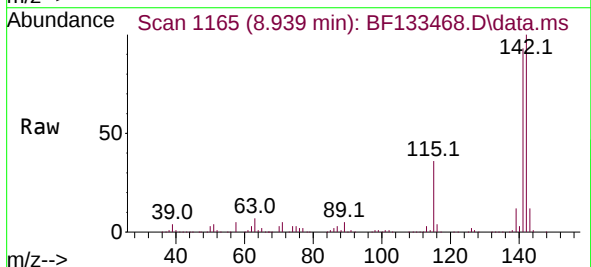
Manual Integrations
APPROVED

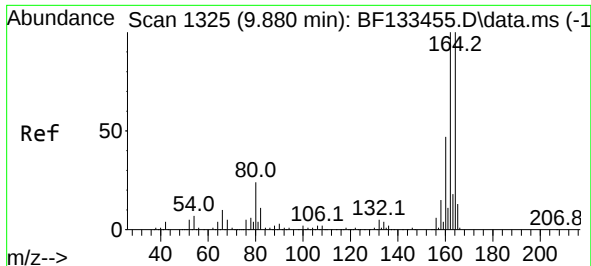
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
1-Methylnaphthalene
Concen: 41.725 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

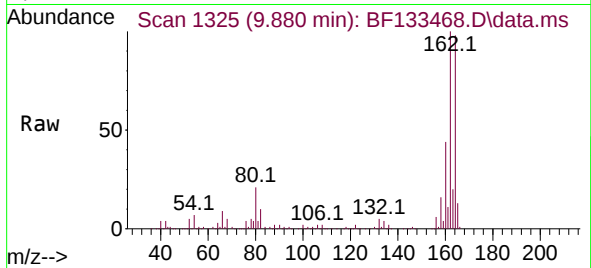
Tgt Ion:142 Resp: 522950
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

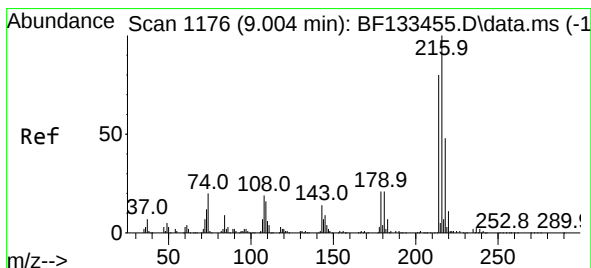
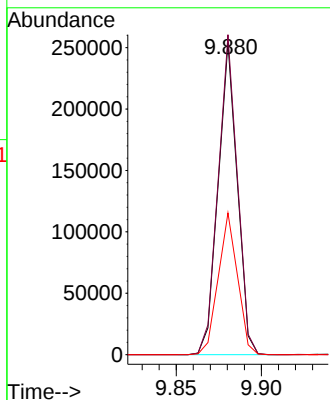
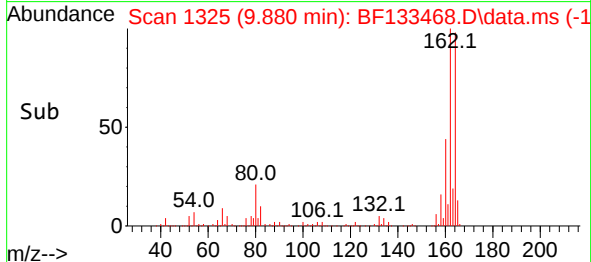
Instrument :
BNA_F
ClientSampleId :
290-328MSD



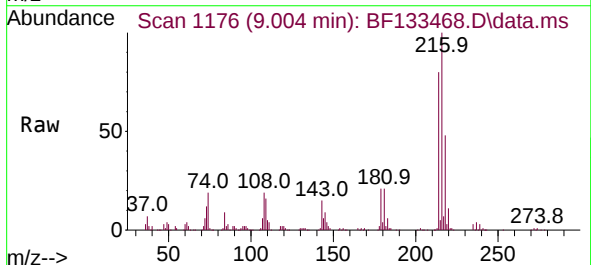
Tgt Ion:164 Resp: 198850
Ion Ratio Lower Upper
164 100
162 102.5 79.8 119.6
160 45.4 37.4 56.0

Manual Integrations
APPROVED

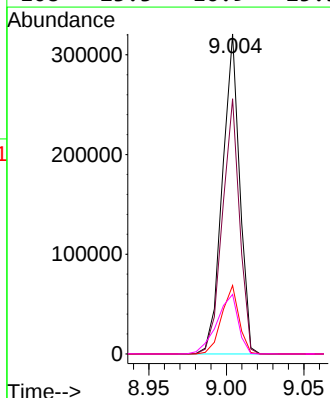
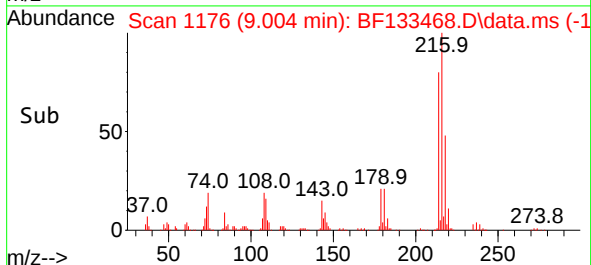
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

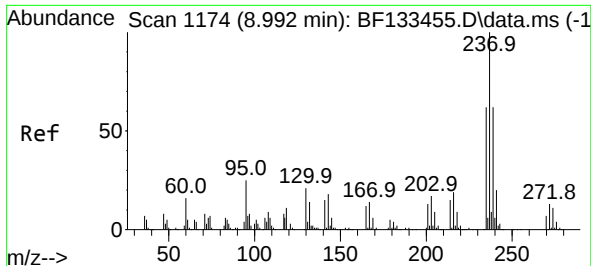


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.114 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



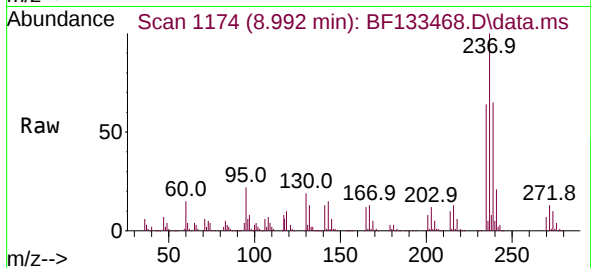
Tgt Ion:216 Resp: 248477
Ion Ratio Lower Upper
216 100
214 79.1 64.1 96.1
179 21.4 17.4 26.2
108 23.3 16.9 25.3





#41
Hexachlorocyclopentadiene
Concen: 98.024 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

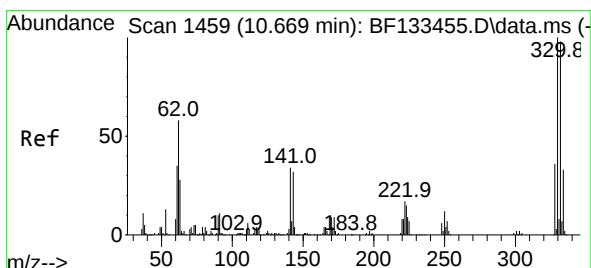
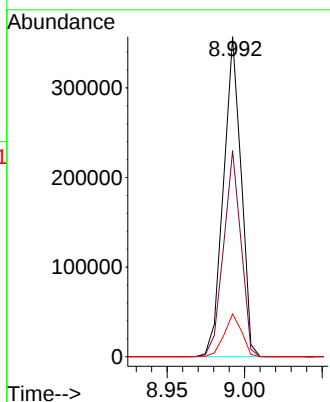
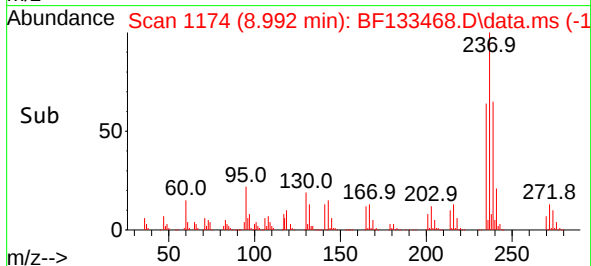
Instrument :
BNA_F
ClientSampleId :
290-328MSD



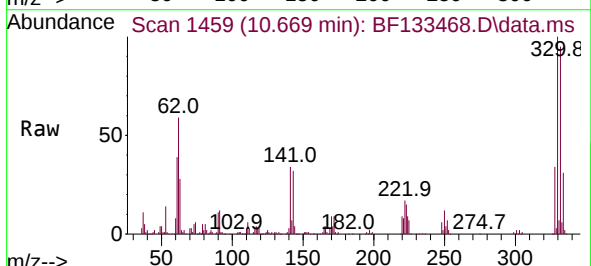
Tgt Ion: 237 Resp: 28254
Ion Ratio Lower Upper
237 100
235 64.4 42.0 82.0
272 13.4 0.0 32.5

Manual Integrations
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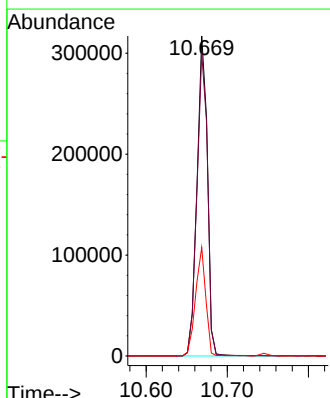
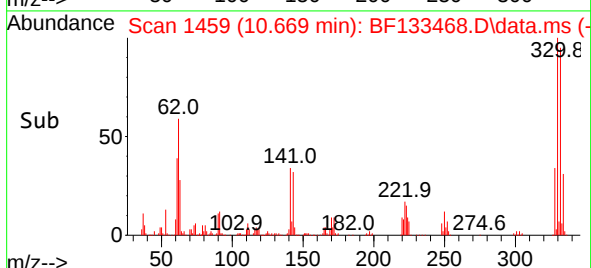
Reviewed By : Christian Giraldo 05/25/2023
Supervised By : Jagrut Upadhyay 05/25/2023

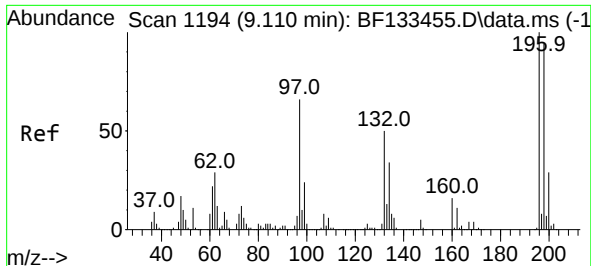


#42
2,4,6-Tribromophenol
Concen: 154.461 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



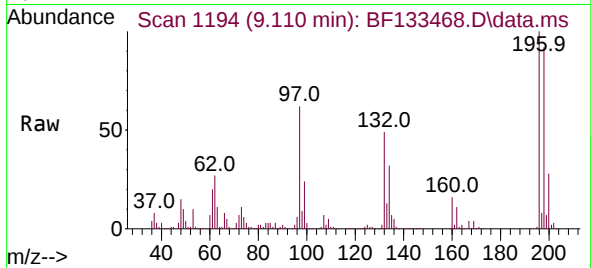
Tgt Ion: 330 Resp: 283728
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.3 28.5 42.7





#43
2,4,6-Trichlorophenol
Concen: 49.082 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

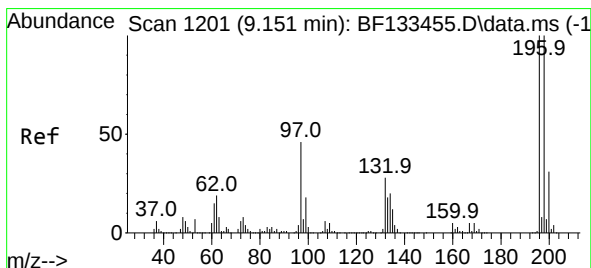
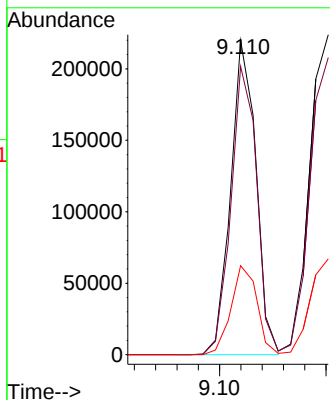
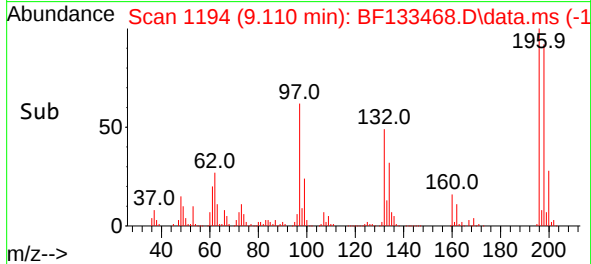
Instrument :
BNA_F
ClientSampleId :
290-328MSD



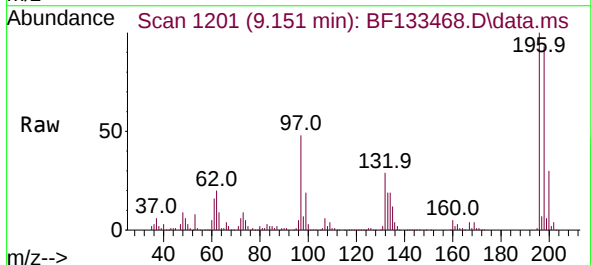
Tgt Ion:196 Resp: 182154
Ion Ratio Lower Upper
196 100
198 91.8 75.4 113.0
200 28.3 23.3 34.9

Manual Integrations
APPROVED

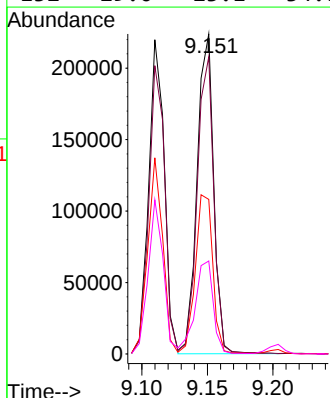
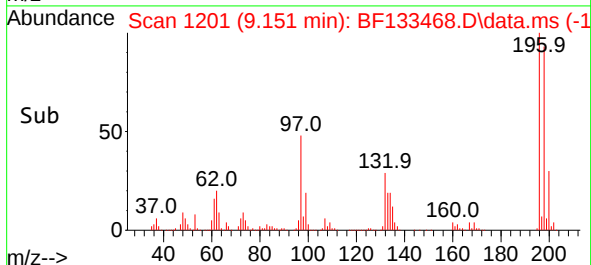
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

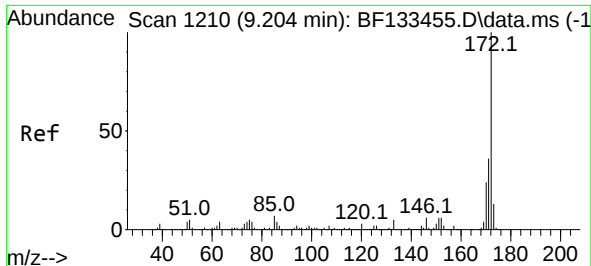


#44
2,4,5-Trichlorophenol
Concen: 46.057 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



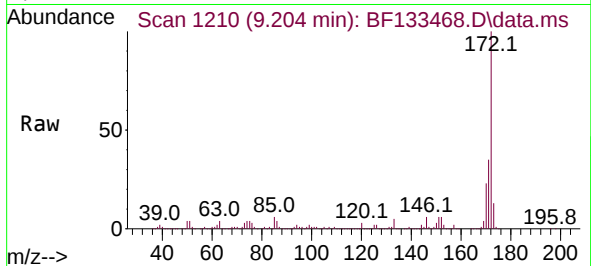
Tgt Ion:196 Resp: 197697
Ion Ratio Lower Upper
196 100
198 92.9 79.3 118.9
97 48.3 37.9 56.9
132 29.0 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 77.934 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

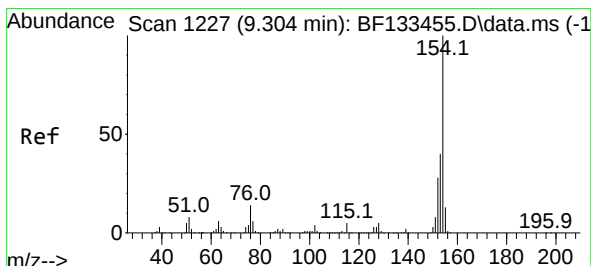
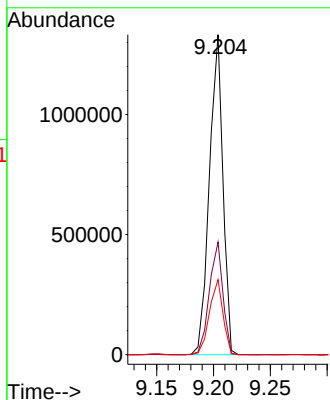
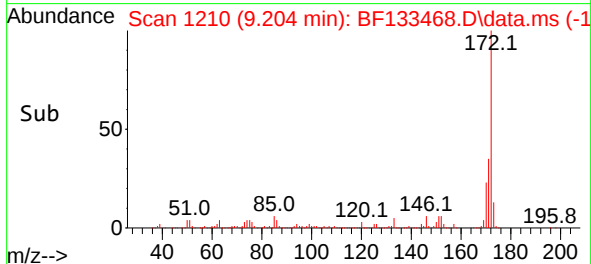
Instrument :
BNA_F
ClientSampleId :
290-328MSD



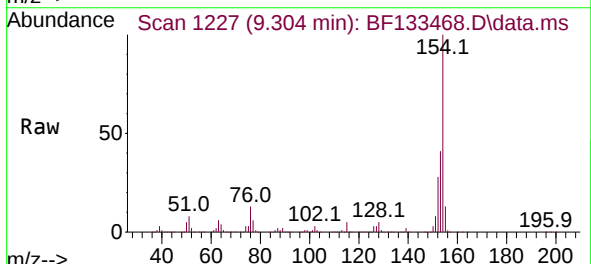
Tgt Ion:172 Resp: 1101490
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 19.0 28.4

Manual Integrations
APPROVED

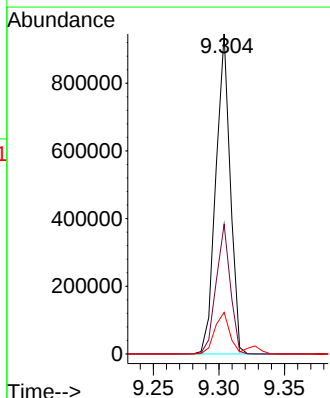
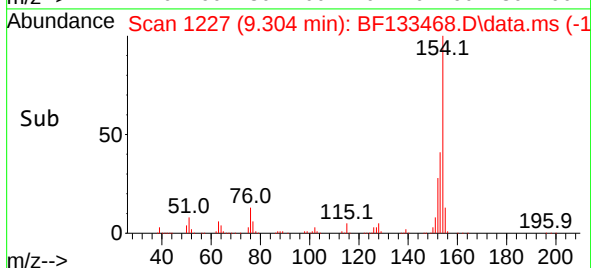
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

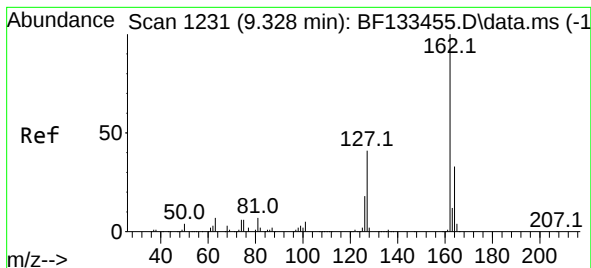


#46
1,1'-Biphenyl
Concen: 43.199 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:154 Resp: 720485
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 13.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 43.587 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

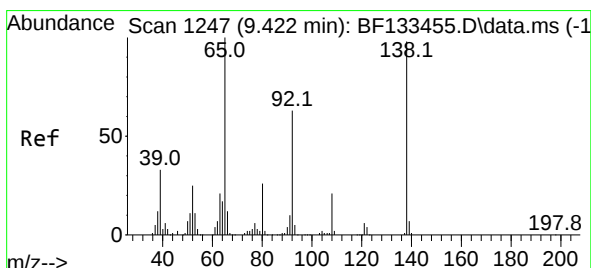
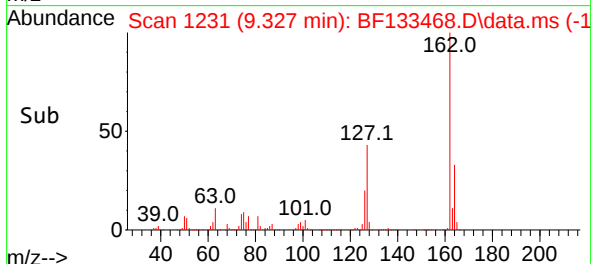
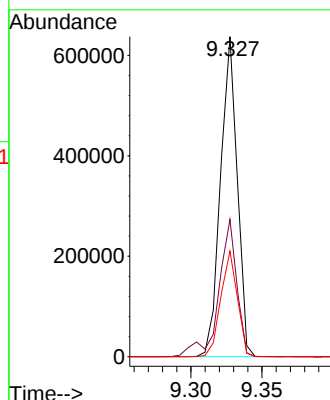
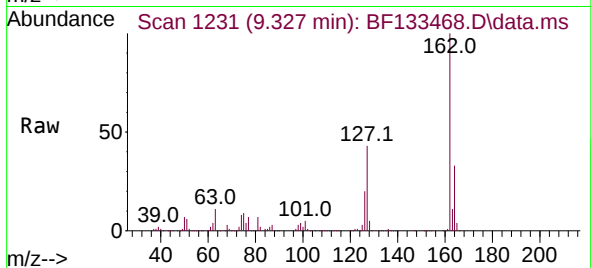
290-328MSD

Tgt Ion:	162	Resp:	521484
Ion Ratio	Lower	Upper	
162	100		
127	42.9	34.6	51.8
164	33.0	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#48

2-Nitroaniline

Concen: 51.753 ng

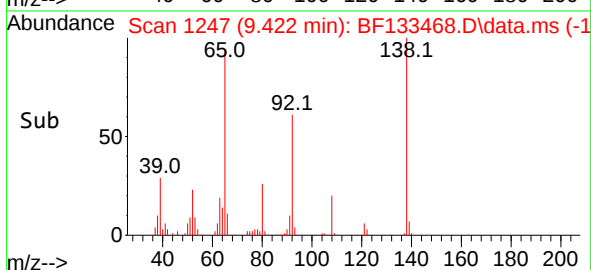
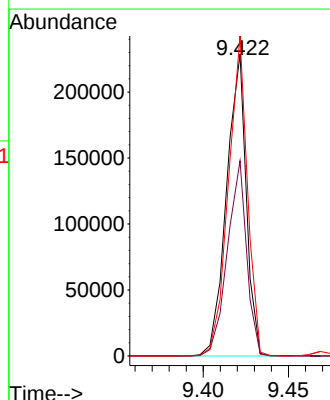
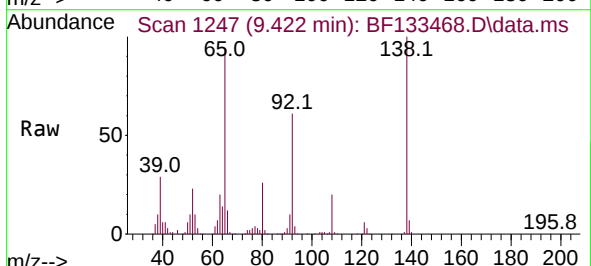
RT: 9.422 min Scan# 1247

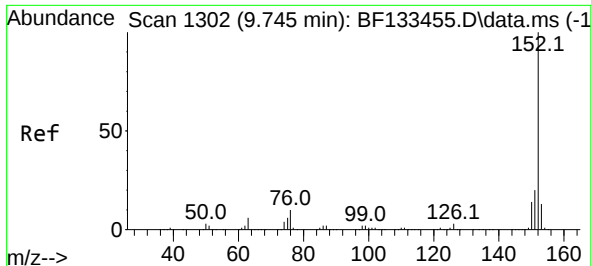
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Tgt Ion:	65	Resp:	183754
Ion Ratio	Lower	Upper	
65	100		
92	64.6	50.1	75.1
138	105.9	78.6	118.0





#49

Acenaphthylene

Concen: 44.142 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF133468.D

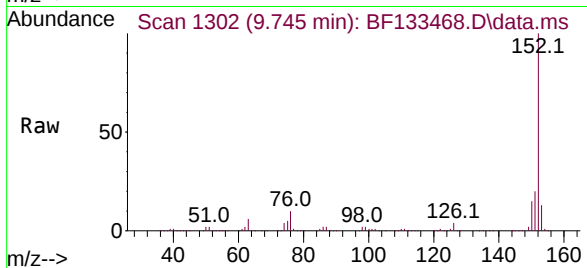
Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

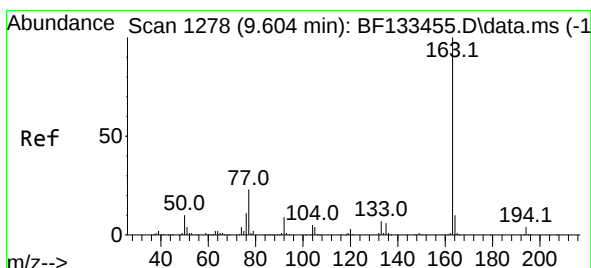
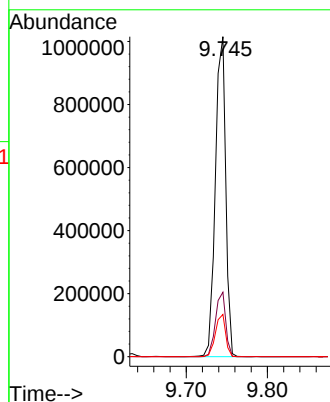
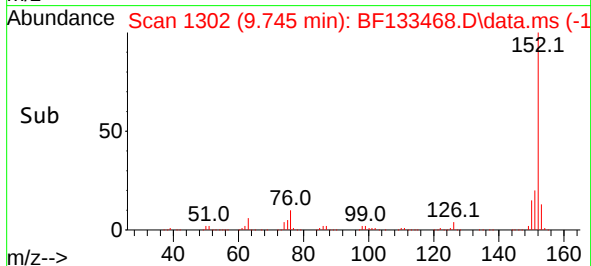


Tgt Ion:	152	Resp:	89716
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	13.2	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#50

Dimethylphthalate

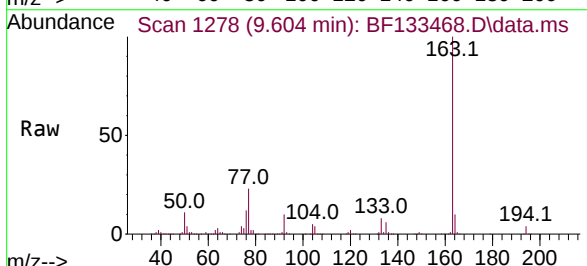
Concen: 47.134 ng

RT: 9.604 min Scan# 1278

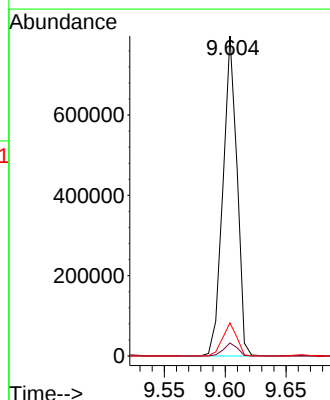
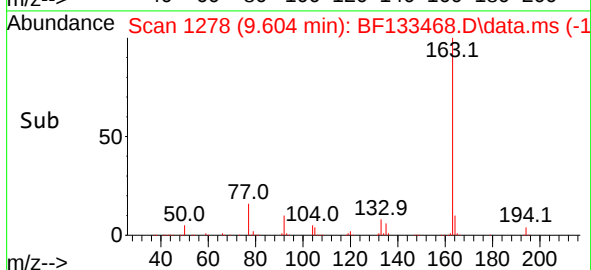
Delta R.T. -0.000 min

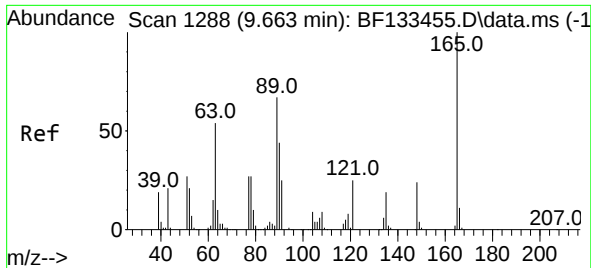
Lab File: BF133468.D

Acq: 24 May 2023 13:49



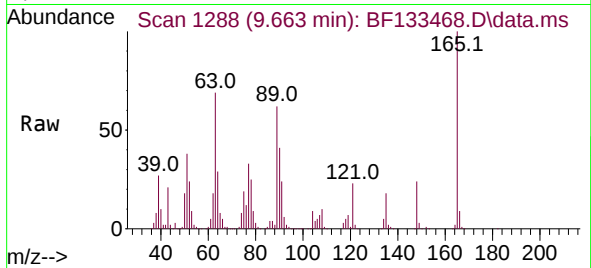
Tgt Ion:	163	Resp:	639888
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	10.3	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 52.390 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

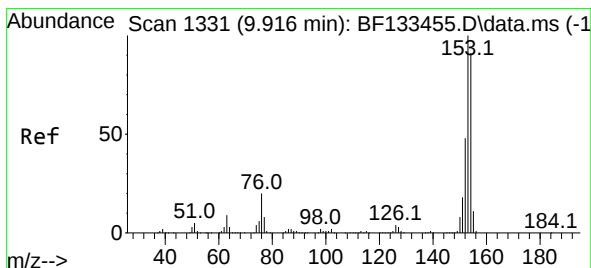
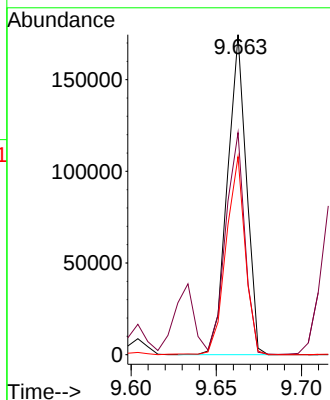
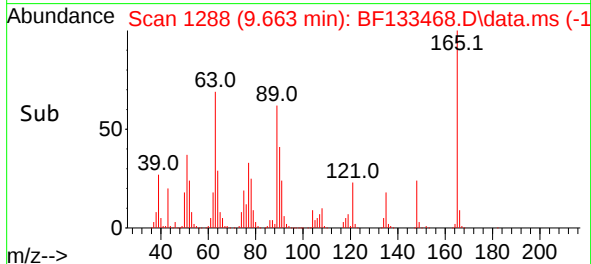
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion:165 Resp: 13553
Ion Ratio Lower Upper
165 100
63 69.4 61.0 91.4
89 61.9 53.5 80.3

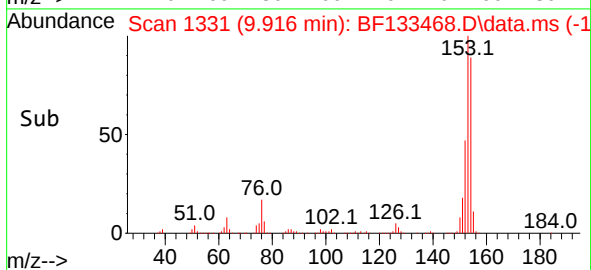
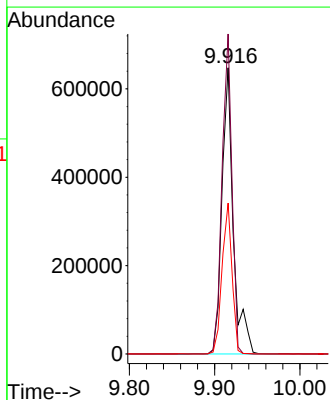
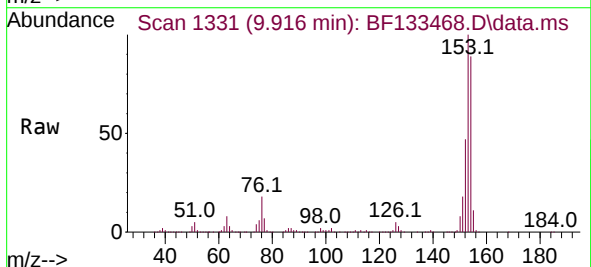
Manual Integrations
APPROVED

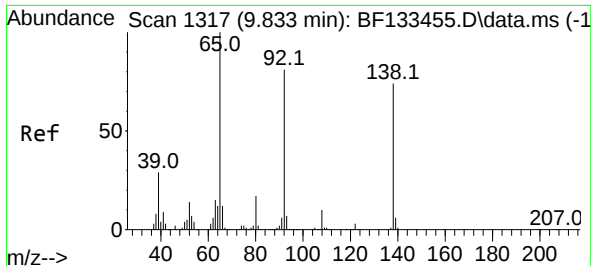
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 49.048 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

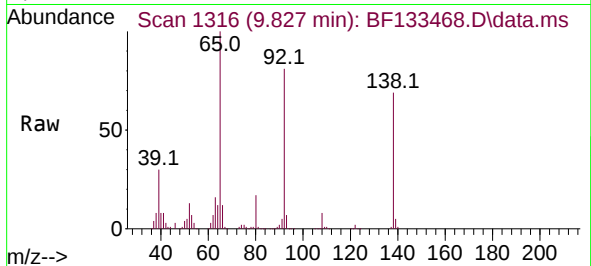
Tgt Ion:154 Resp: 598565
Ion Ratio Lower Upper
154 100
153 111.8 87.6 131.4
152 52.7 41.8 62.8





#53
3-Nitroaniline
Concen: 33.411 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

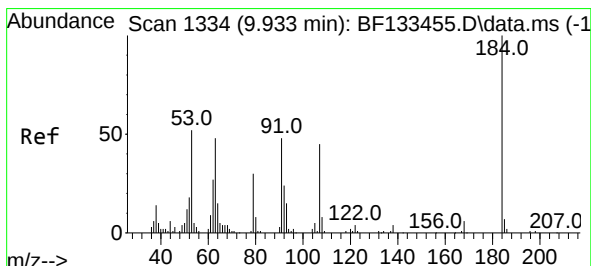
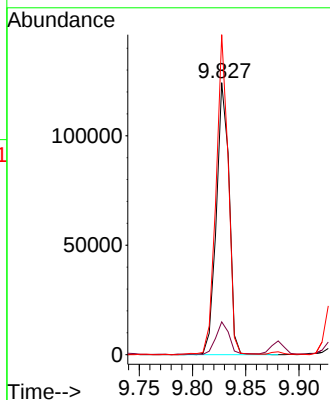
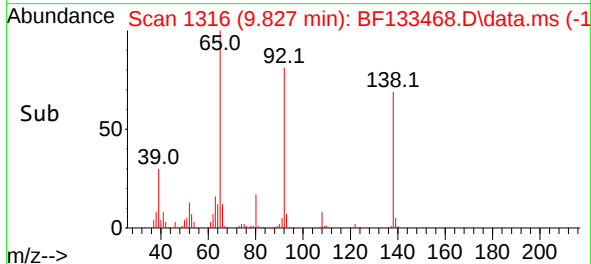
Instrument :
BNA_F
ClientSampleId :
290-328MSD



Tgt Ion:138 Resp: 102974
Ion Ratio Lower Upper
138 100
108 12.1 11.4 17.0
92 117.7 88.4 132.6

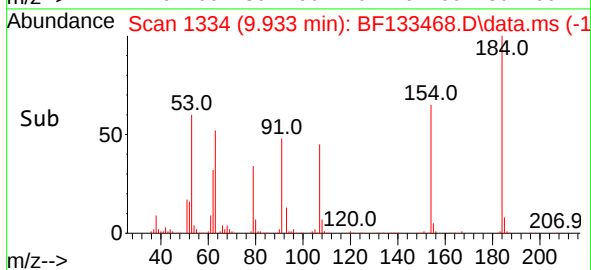
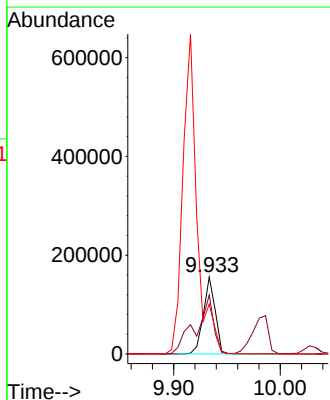
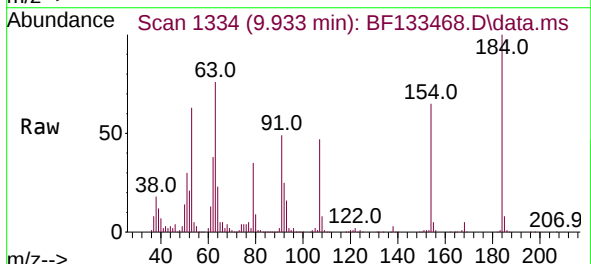
Manual Integrations
APPROVED

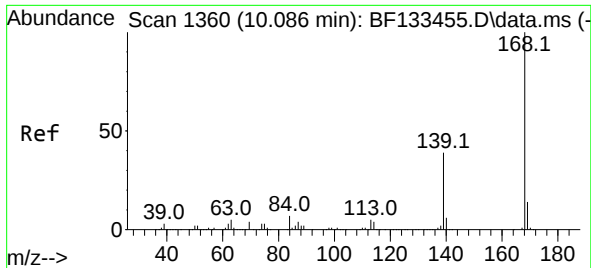
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#54
2,4-Dinitrophenol
Concen: 100.954 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

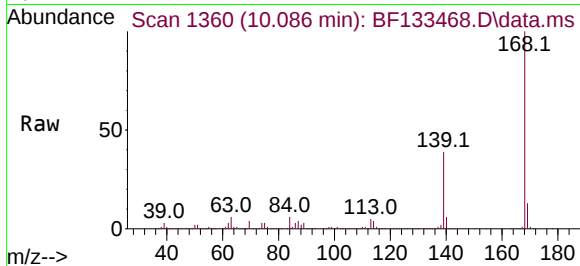
Tgt Ion:184 Resp: 120410
Ion Ratio Lower Upper
184 100
63 76.5 54.4 81.6
154 65.0 51.3 76.9





#55
Dibenzenofuran
Concen: 44.324 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

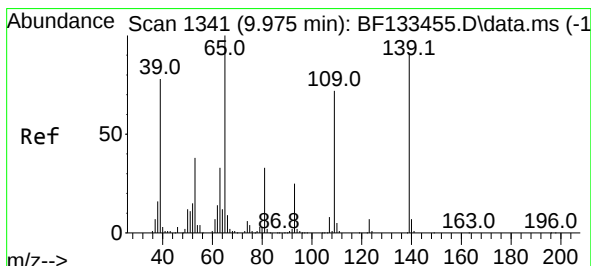
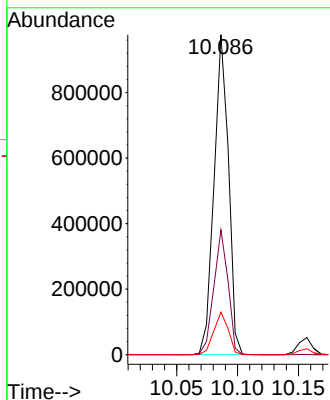
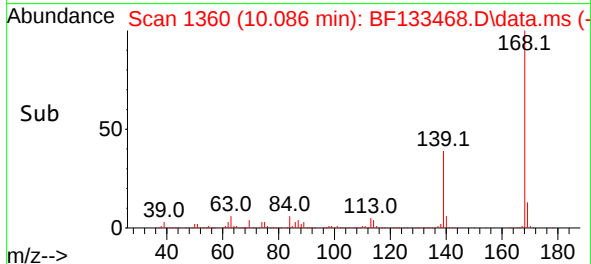
Instrument :
BNA_F
ClientSampleId :
290-328MSD



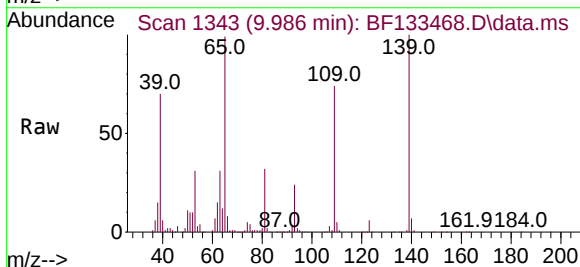
Tgt Ion:168 Resp: 807320
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 13.3 11.0 16.6

Manual Integrations
APPROVED

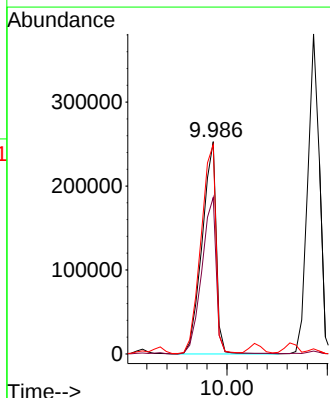
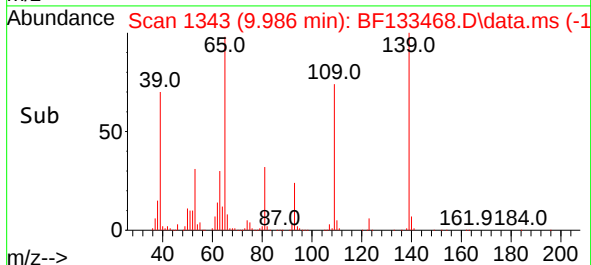
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

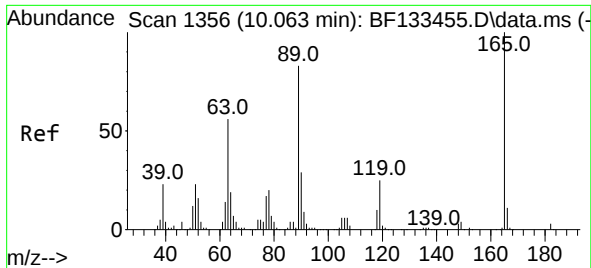


#56
4-Nitrophenol
Concen: 94.844 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.011 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:139 Resp: 248438
Ion Ratio Lower Upper
139 100
109 73.7 59.5 99.5
65 98.6 90.1 130.1





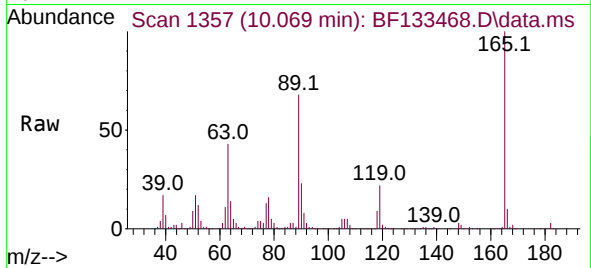
#57
2,4-Dinitrotoluene
Concen: 57.091 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

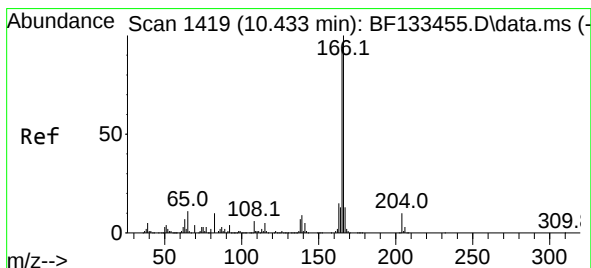
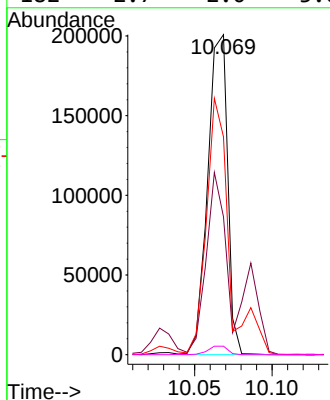
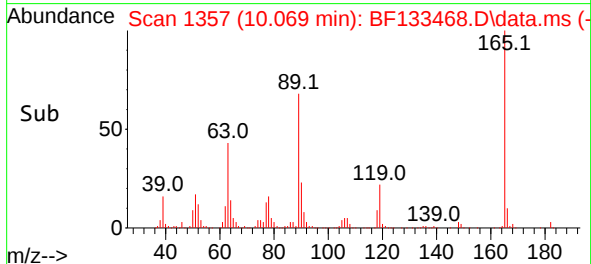


Tgt Ion:165 Resp: 180090
Ion Ratio Lower Upper
165 100
63 43.1 45.1 67.7
89 68.1 66.7 100.1
182 2.7 2.0 3.0

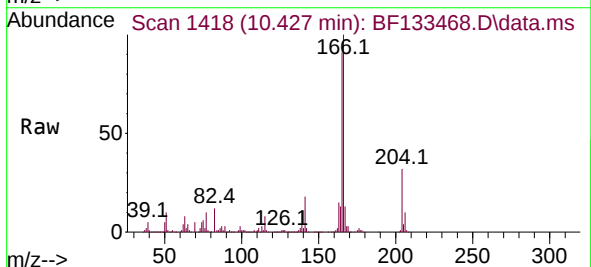
Manual Integrations

APPROVED

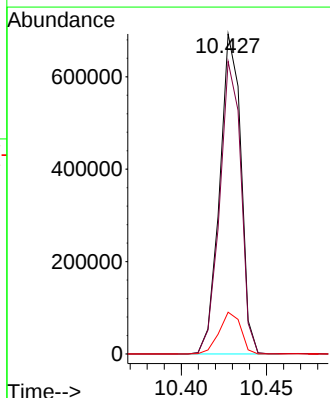
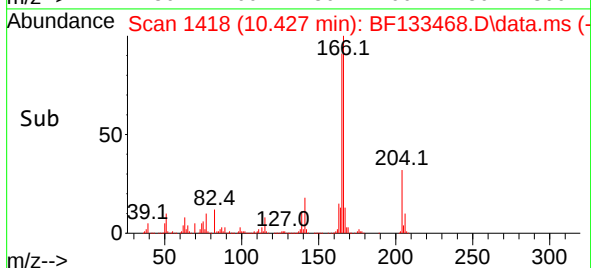
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

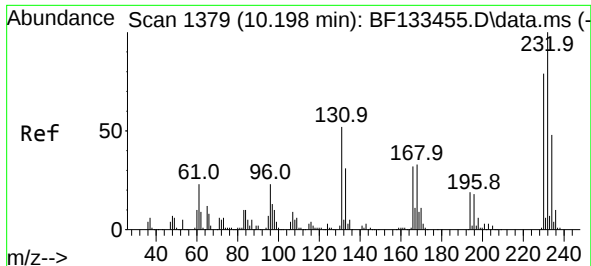


#58
Fluorene
Concen: 45.697 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



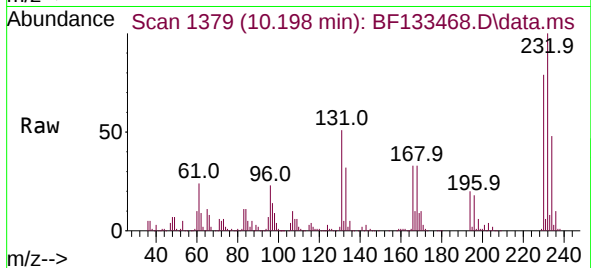
Tgt Ion:166 Resp: 600762
Ion Ratio Lower Upper
166 100
165 91.4 74.2 111.4
167 13.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.687 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

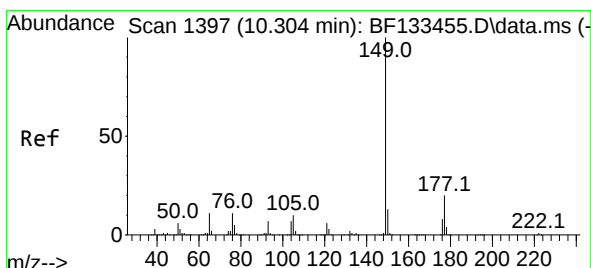
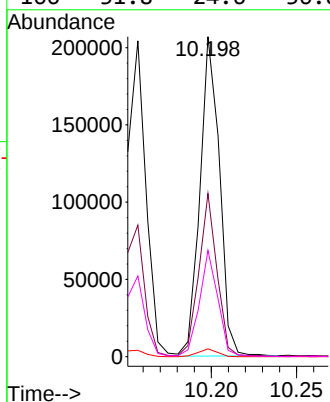
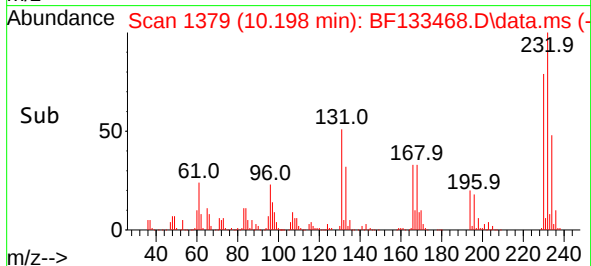
Instrument :
BNA_F
ClientSampleId :
290-328MSD



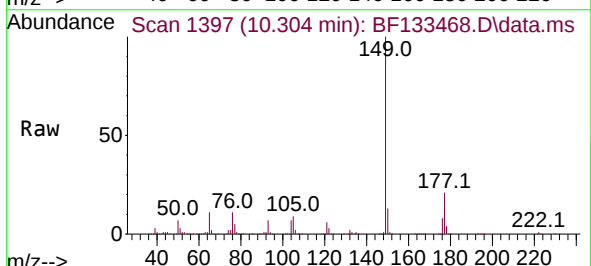
Tgt Ion:232 Resp: 164618
Ion Ratio Lower Upper
232 100
131 47.3 39.0 58.4
130 2.4 1.9 2.9
166 31.8 24.6 36.8

Manual Integrations
APPROVED

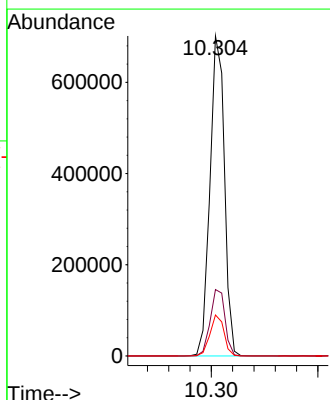
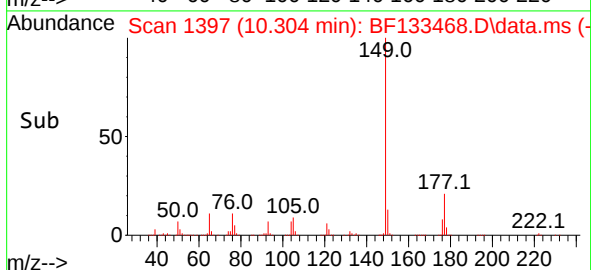
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

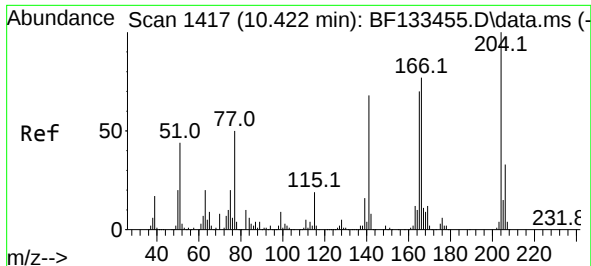


#60
Diethylphthalate
Concen: 48.250 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



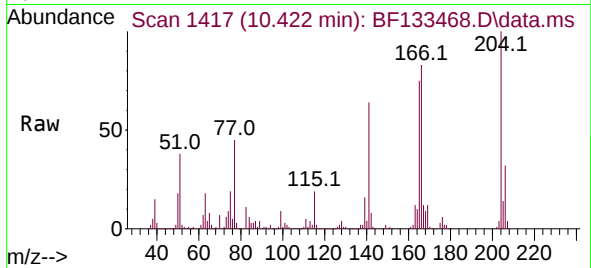
Tgt Ion:149 Resp: 664080
Ion Ratio Lower Upper
149 100
177 20.8 16.3 24.5
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.103 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

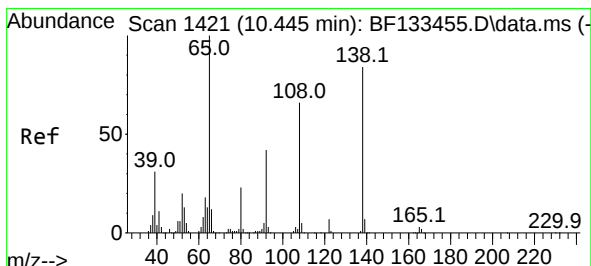
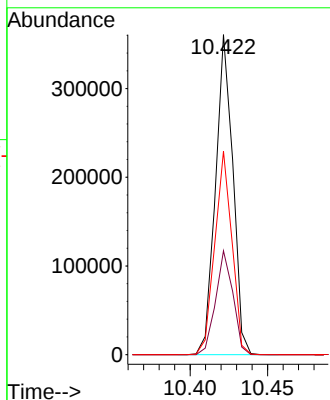
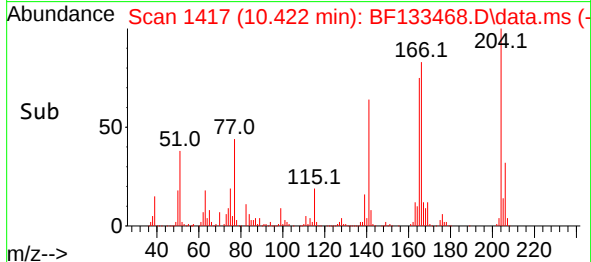
Instrument :
BNA_F
ClientSampleId :
290-328MSD



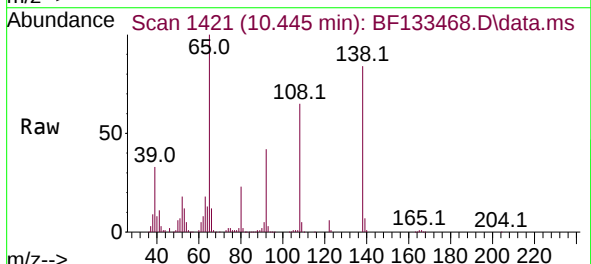
Tgt Ion:204 Resp: 28045
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 63.6 54.1 81.1

Manual Integrations
APPROVED

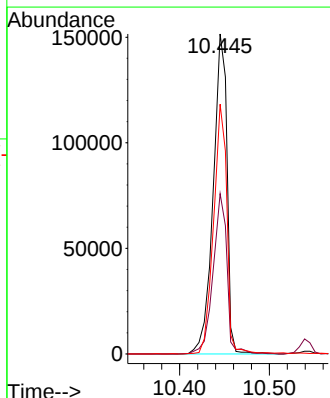
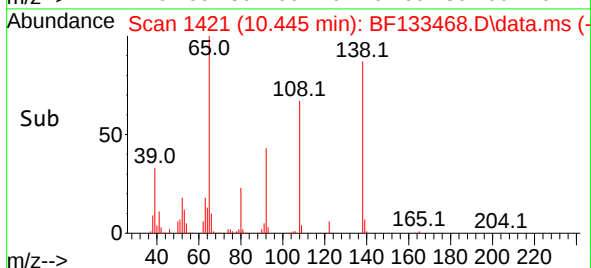
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

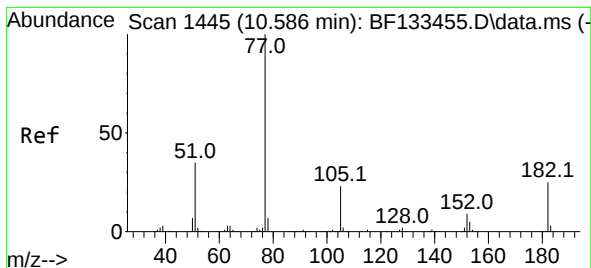


#62
4-Nitroaniline
Concen: 51.641 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:138 Resp: 161789
Ion Ratio Lower Upper
138 100
92 50.1 29.2 69.2
108 78.1 58.4 98.4





#63

Azobenzene

Concen: 45.760 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

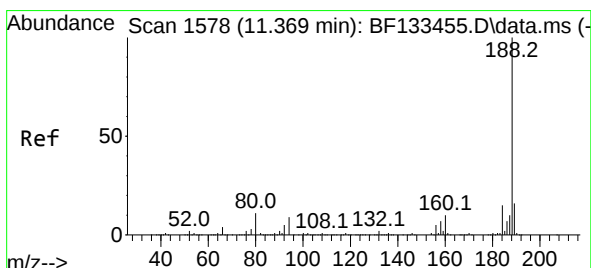
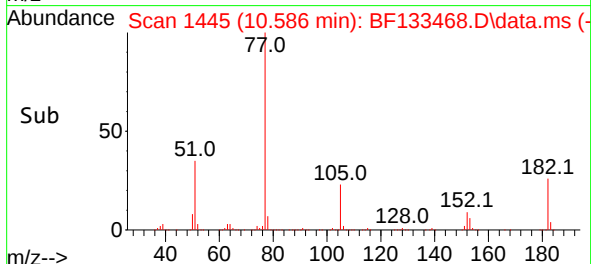
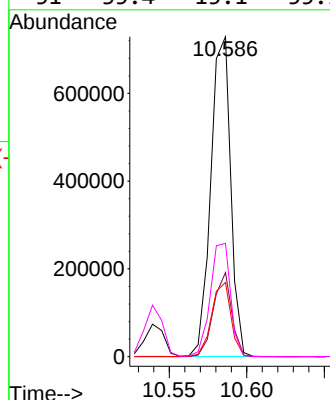
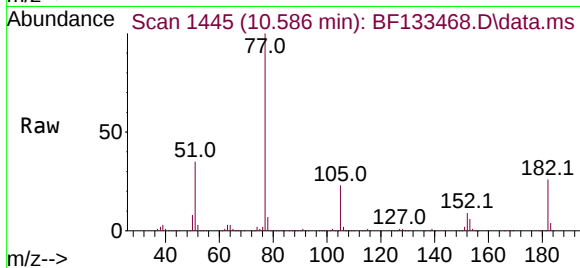
290-328MSD

Tgt Ion: 77	Resp: 65140
Ion Ratio	Lower Upper
77 100	
182 26.3	5.0 45.0
105 23.2	2.9 42.9
51 35.4	15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

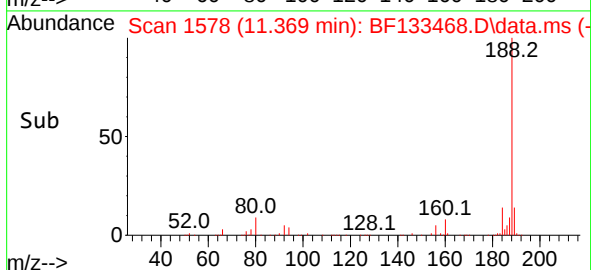
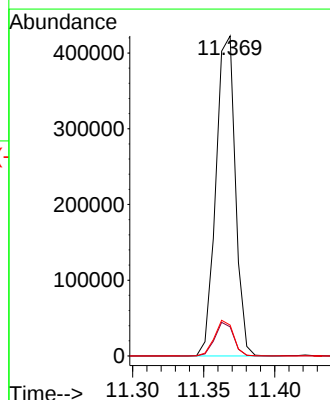
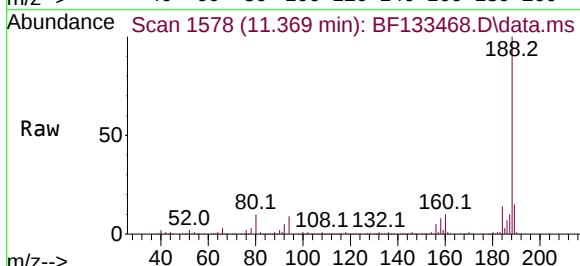
RT: 11.369 min Scan# 1578

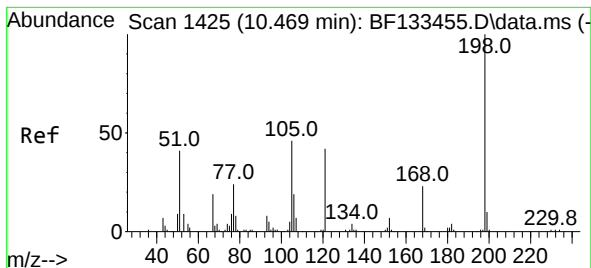
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

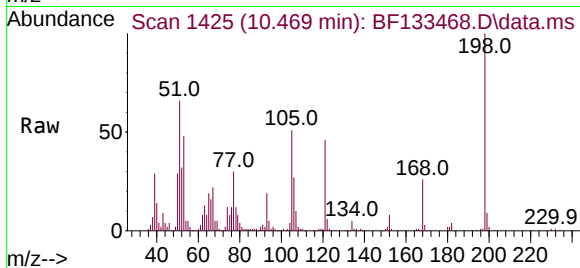
Tgt Ion: 188	Resp: 401618
Ion Ratio	Lower Upper
188 100	
94 9.1	7.5 11.3
80 9.6	8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 56.706 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

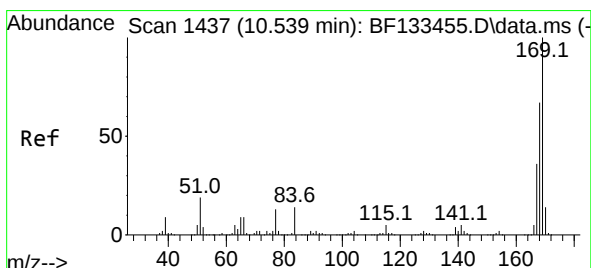
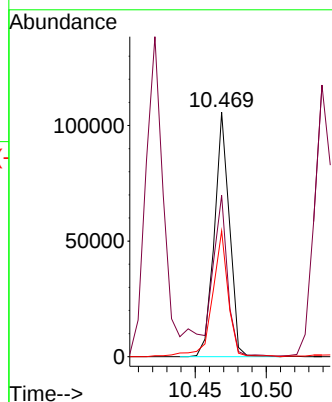
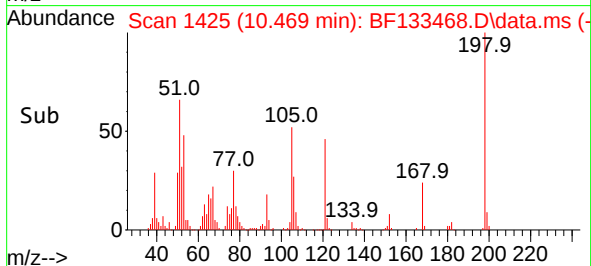
Instrument :
BNA_F
ClientSampleId :
290-328MSD



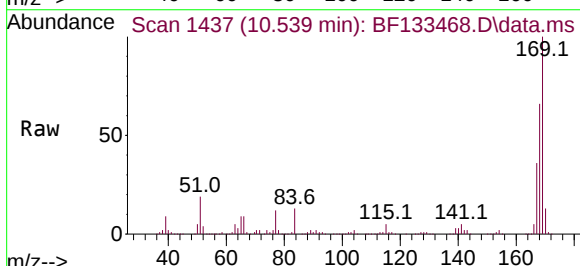
Tgt Ion:198 Resp: 77972
Ion Ratio Lower Upper
198 100
51 66.0 38.5 78.5
105 51.5 29.6 69.6

Manual Integrations
APPROVED

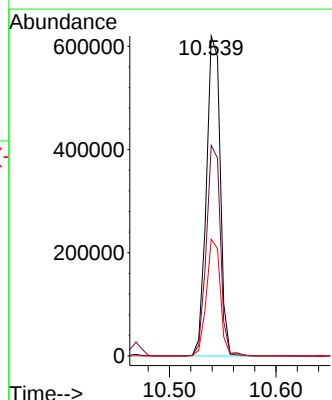
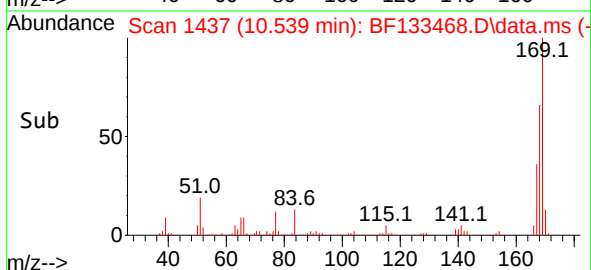
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

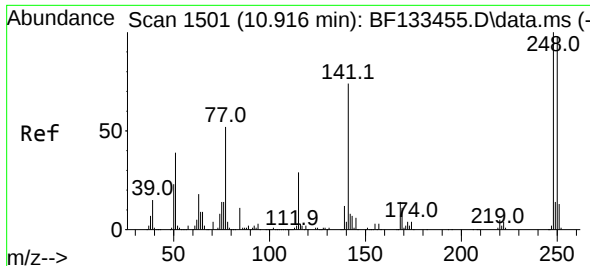


#66
n-Nitrosodiphenylamine
Concen: 42.325 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



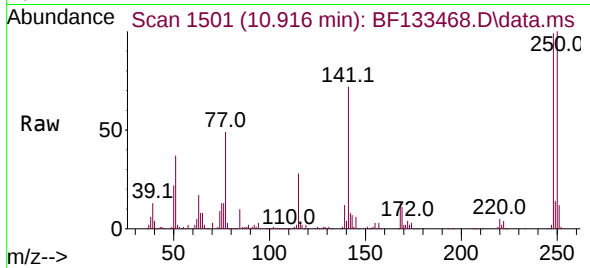
Tgt Ion:169 Resp: 560480
Ion Ratio Lower Upper
169 100
168 65.8 53.6 80.4
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.353 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

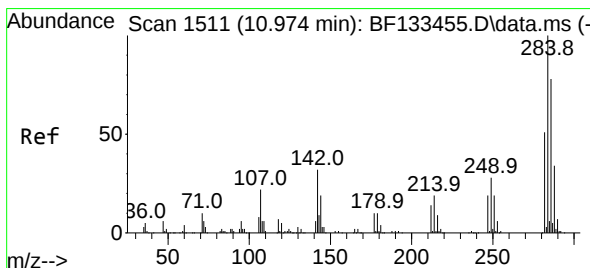
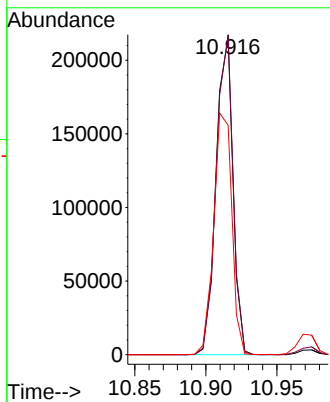
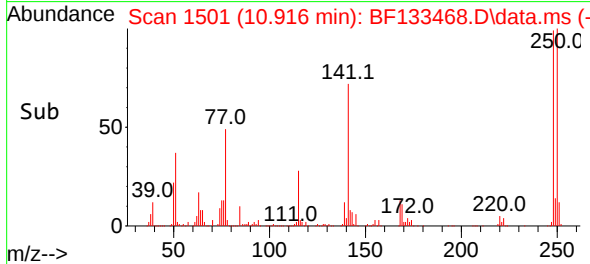
Instrument :
BNA_F
ClientSampleId :
290-328MSD



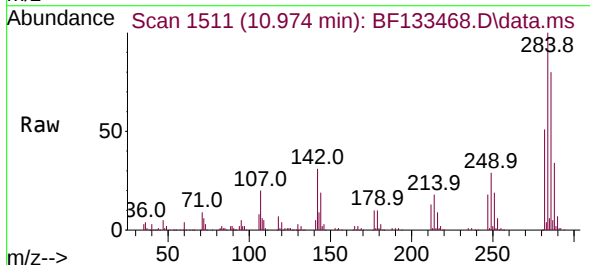
Tgt Ion:248 Resp: 178384
Ion Ratio Lower Upper
248 100
250 100.9 78.3 117.5
141 72.3 59.1 88.7

Manual Integrations
APPROVED

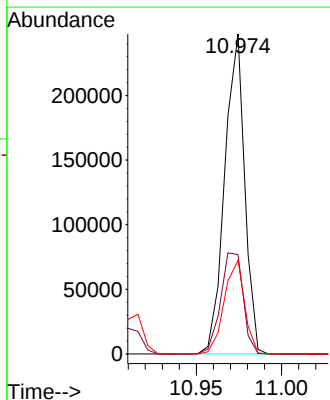
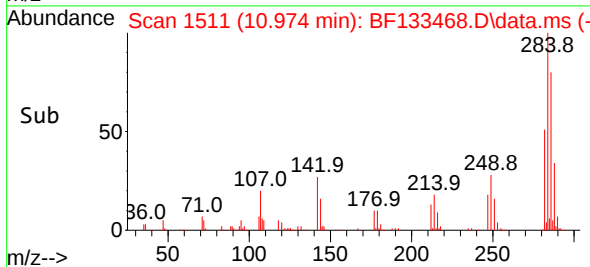
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

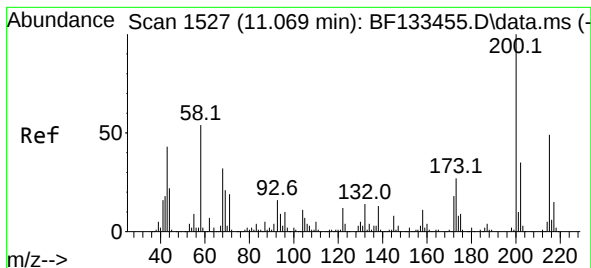


#68
Hexachlorobenzene
Concen: 45.580 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:284 Resp: 201453
Ion Ratio Lower Upper
284 100
142 31.0 25.2 37.8
249 29.2 22.6 34.0





#69

Atrazine

Concen: 53.751 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

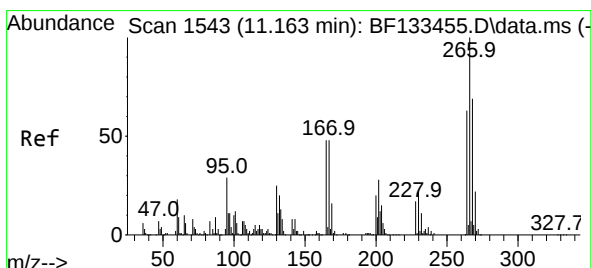
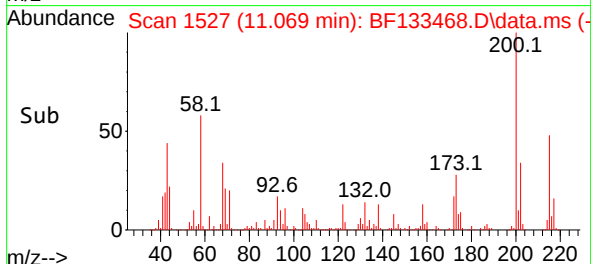
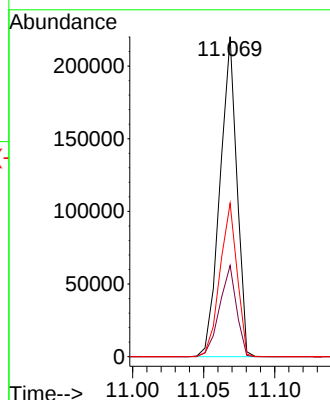
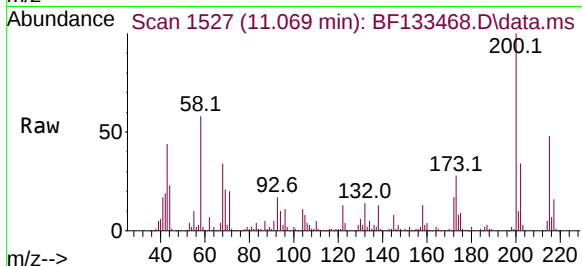
290-328MSD

Tgt Ion:200 Resp: 18217
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.0 47.0
 215 48.0 28.7 68.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#70

Pentachlorophenol

Concen: 91.810 ng

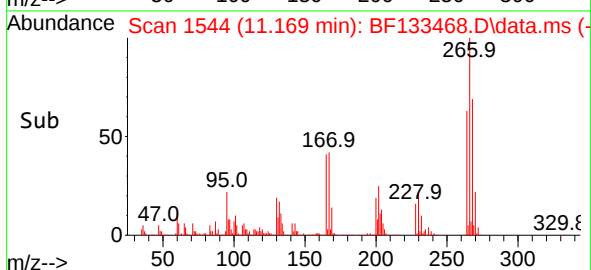
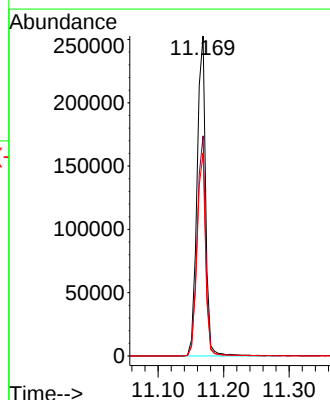
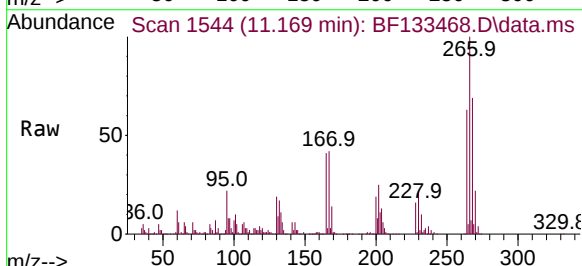
RT: 11.169 min Scan# 1544

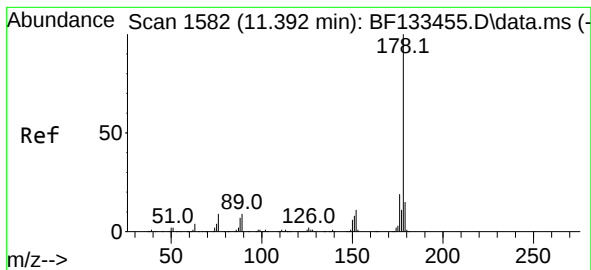
Delta R.T. 0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

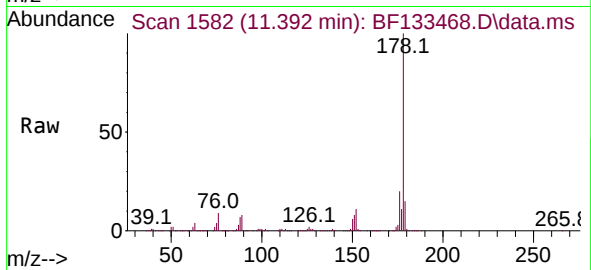
Tgt Ion:266 Resp: 230301
 Ion Ratio Lower Upper
 266 100
 268 68.8 54.8 82.2
 264 63.4 50.2 75.2





#71
Phenanthrene
Concen: 43.723 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

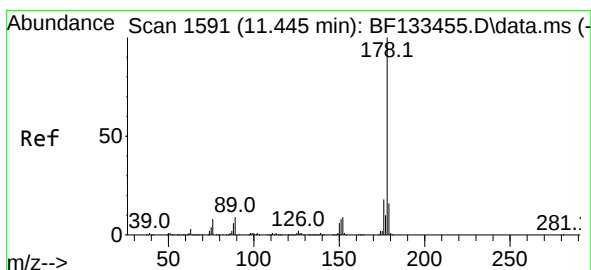
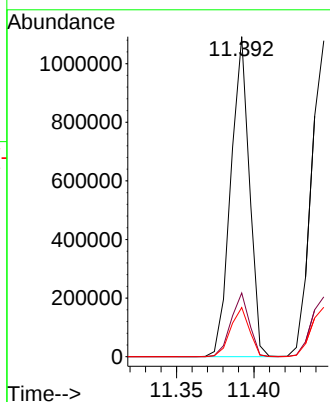
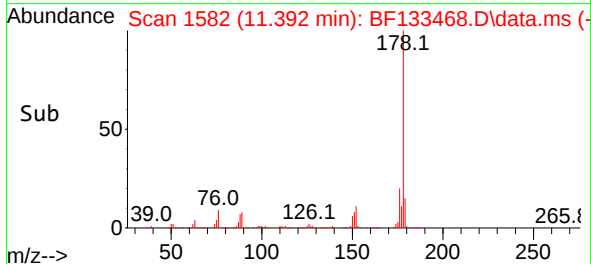
Instrument :
BNA_F
ClientSampleId :
290-328MSD



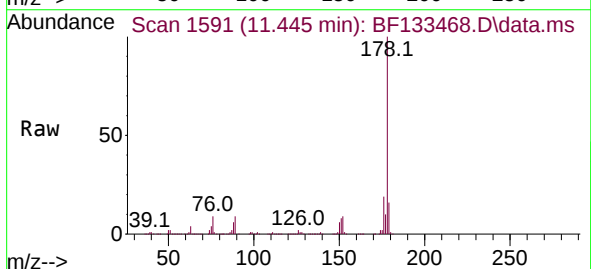
Tgt Ion:178 Resp: 90923
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.4 12.2 18.2

Manual Integrations
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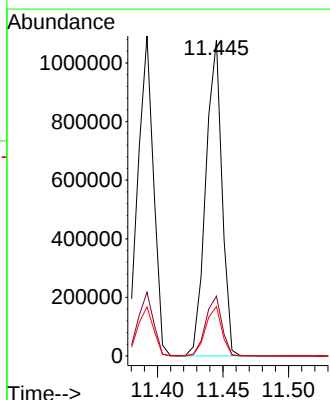
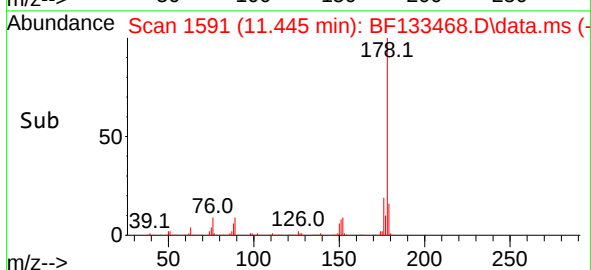
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

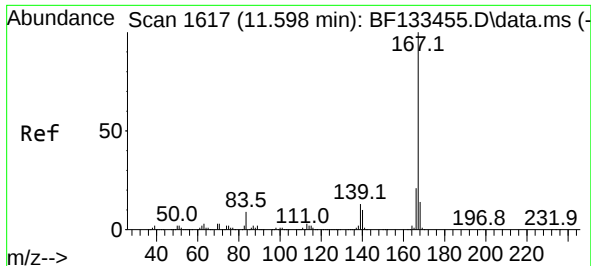


#72
Anthracene
Concen: 43.612 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



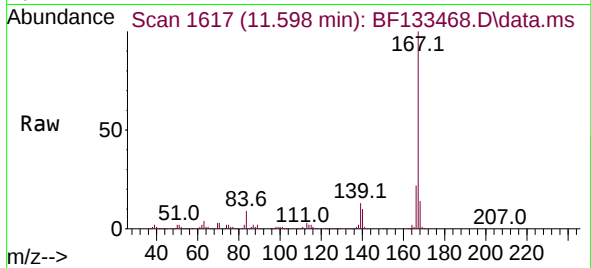
Tgt Ion:178 Resp: 925215
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 45.519 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133468.D
 Acq: 24 May 2023 13:49

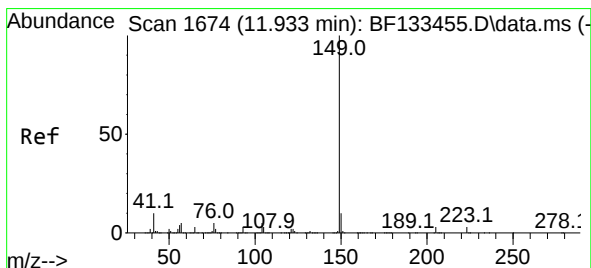
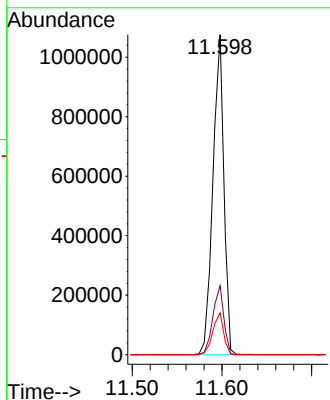
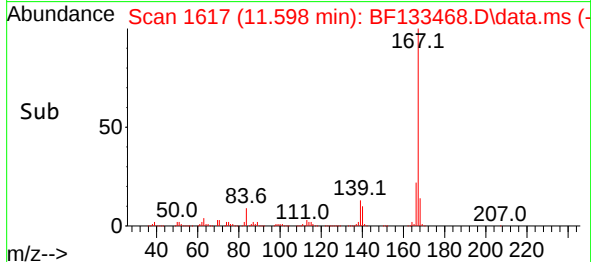
Instrument :
 BNA_F
 ClientSampleId :
 290-328MSD



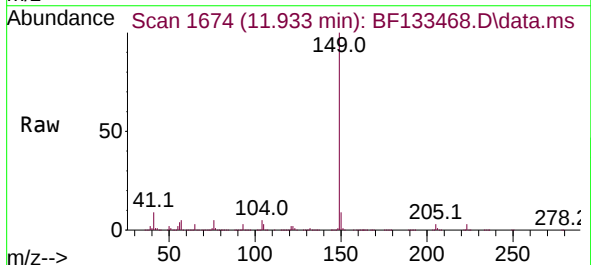
Tgt Ion:167 Resp: 91483
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 10.2 15.4

Manual Integrations
 APPROVED

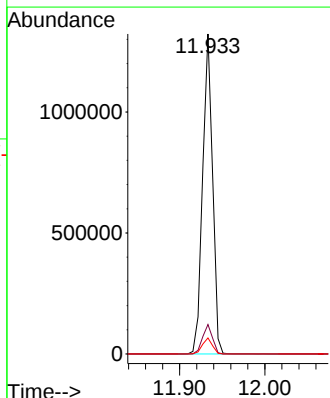
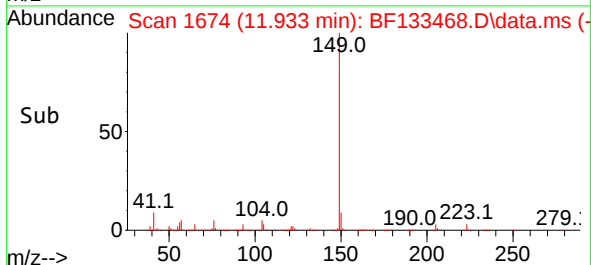
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

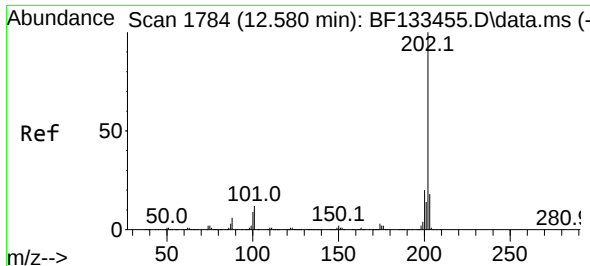


#74
 Di-n-butylphthalate
 Concen: 49.602 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133468.D
 Acq: 24 May 2023 13:49



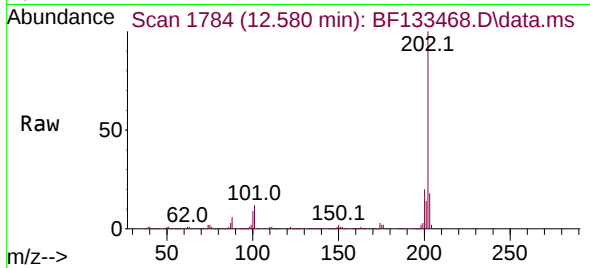
Tgt Ion:149 Resp: 1069603
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4





#75
Fluoranthene
Concen: 45.937 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

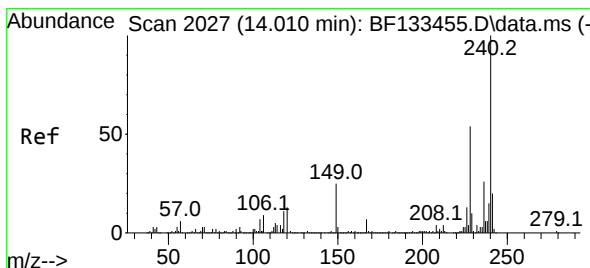
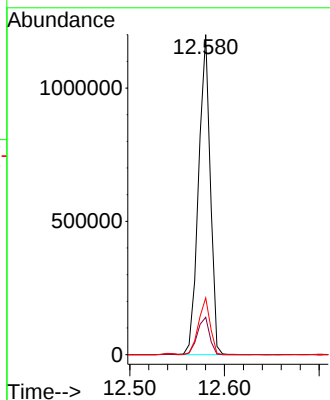
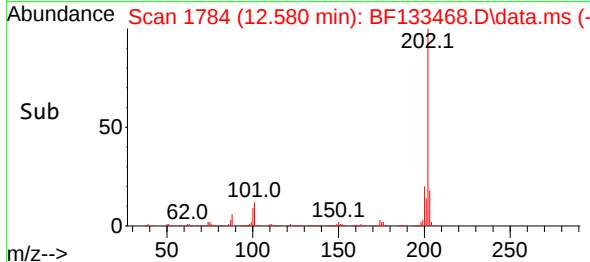
Instrument :
BNA_F
ClientSampleId :
290-328MSD



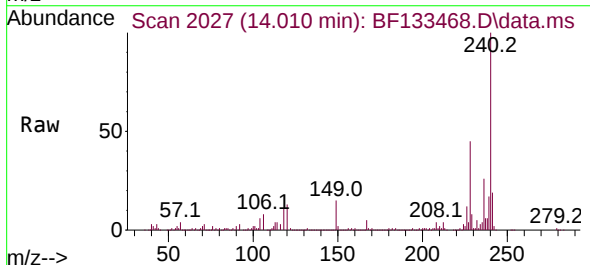
Tgt Ion:202 Resp: 102856
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.5
203 17.7 0.0 38.0

Manual Integrations
APPROVED

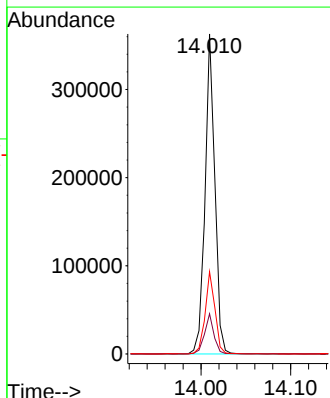
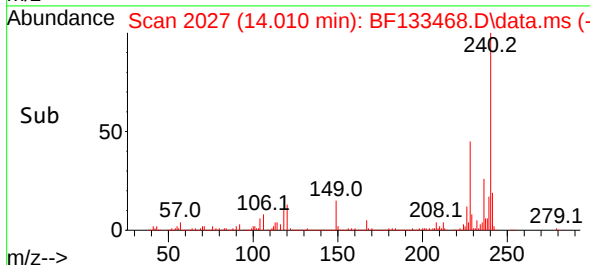
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

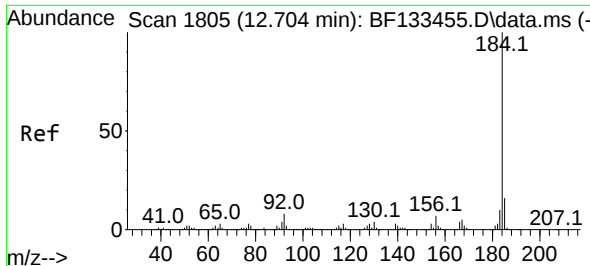


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



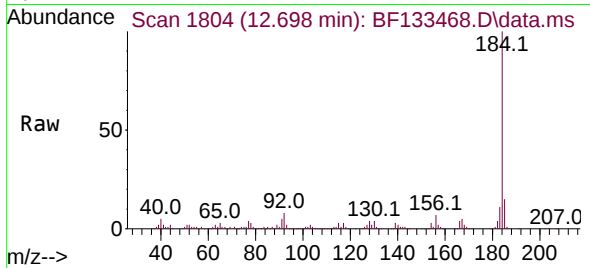
Tgt Ion:240 Resp: 275786
Ion Ratio Lower Upper
240 100
120 12.6 10.2 15.4
236 25.7 20.9 31.3





#77
Benzidine
Concen: 26.671 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

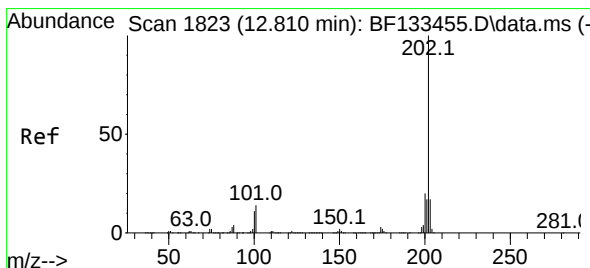
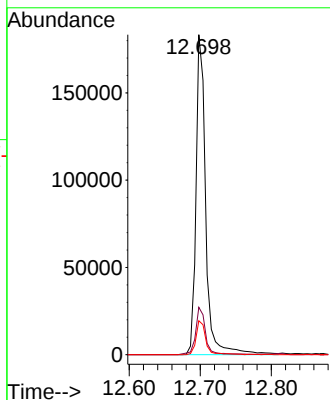
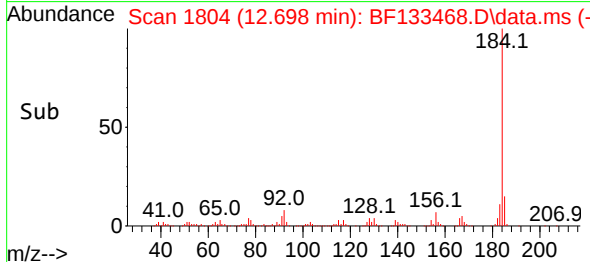
Instrument :
BNA_F
ClientSampleId :
290-328MSD



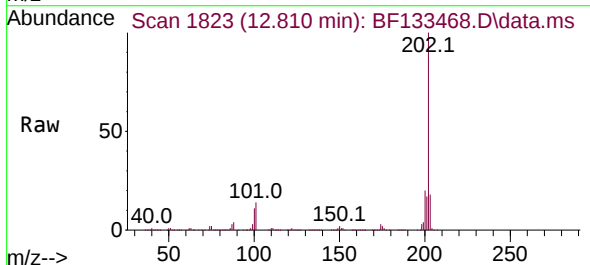
Tgt Ion:184 Resp: 175269
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 10.6 8.2 12.2

Manual Integrations
APPROVED

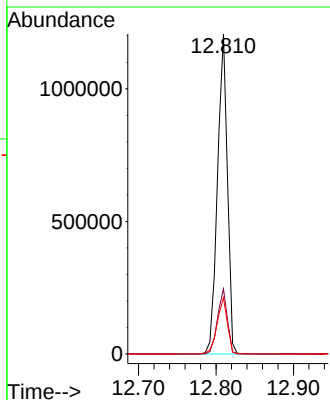
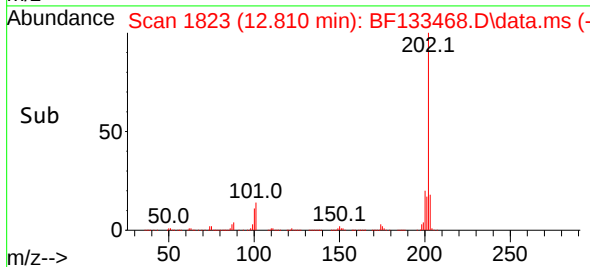
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

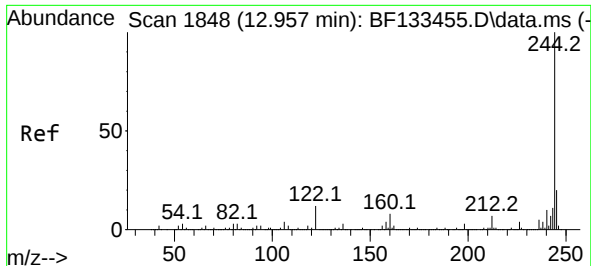


#78
Pyrene
Concen: 47.700 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:202 Resp: 1072307
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 13.9 20.9





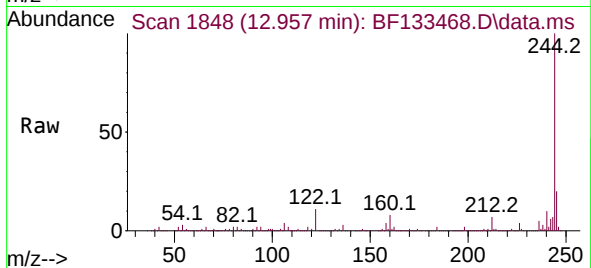
#79
 Terphenyl-d14
 Concen: 93.028 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133468.D
 Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

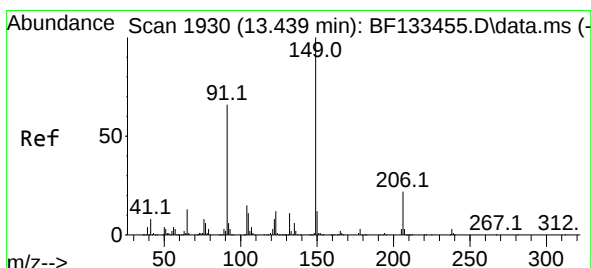
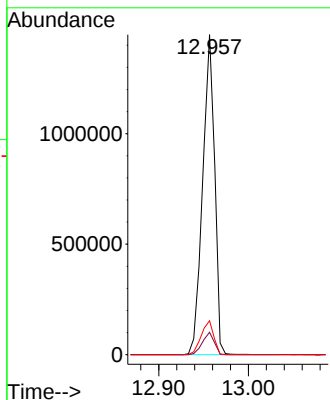
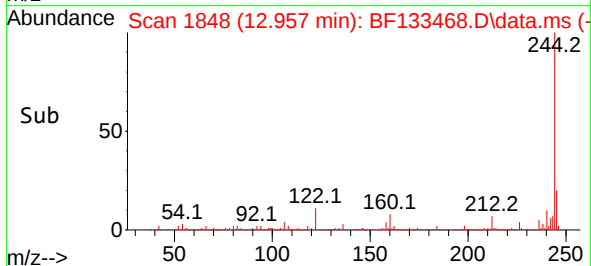


Tgt Ion:244 Resp: 134188
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 9.4 14.0

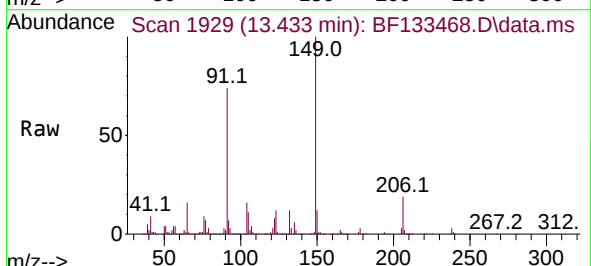
Manual Integrations

APPROVED

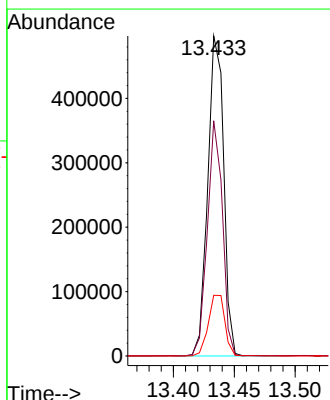
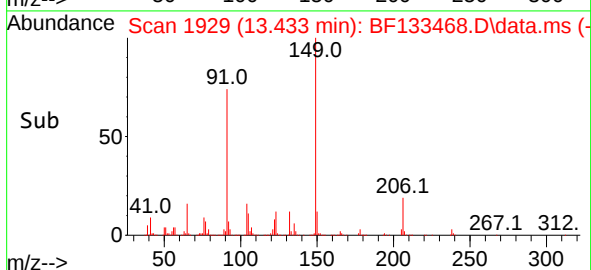
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

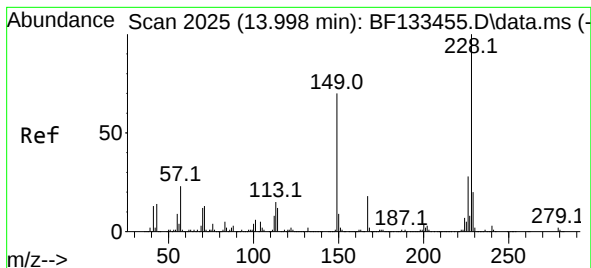


#80
 Butylbenzylphthalate
 Concen: 53.072 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF133468.D
 Acq: 24 May 2023 13:49



Tgt Ion:149 Resp: 451808
 Ion Ratio Lower Upper
 149 100
 91 73.5 53.1 79.7
 206 18.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 45.474 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

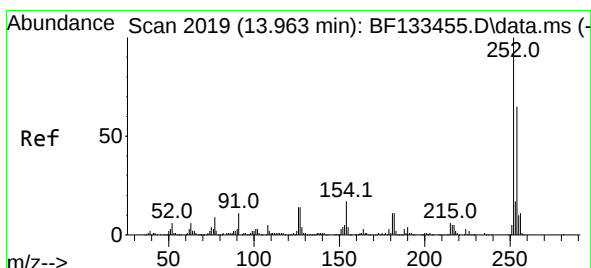
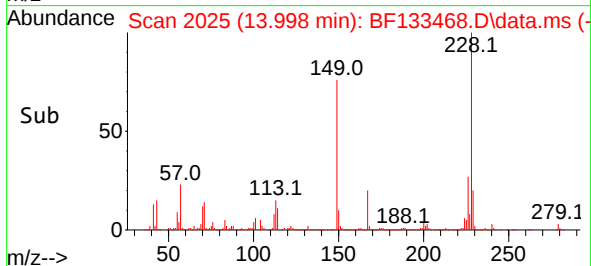
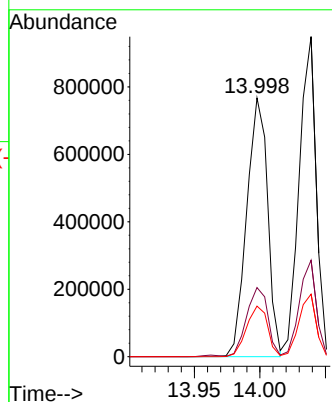
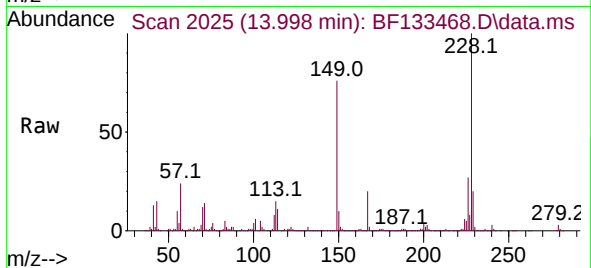
290-328MSD

Tgt Ion:228	Resp: 851352
Ion Ratio	Lower Upper
228 100	
226 26.7	22.2 33.4
229 19.5	16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.791 ng

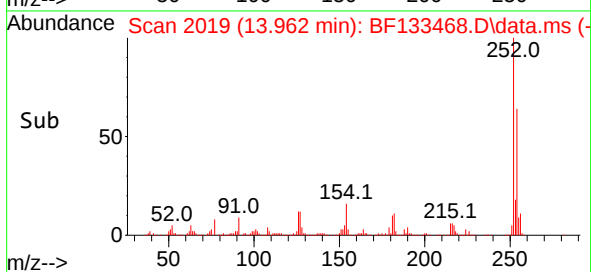
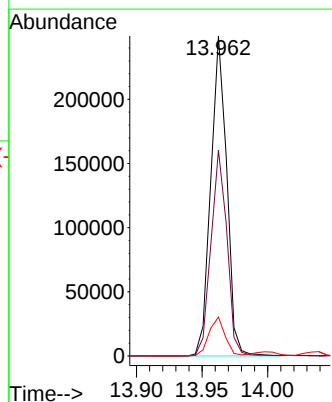
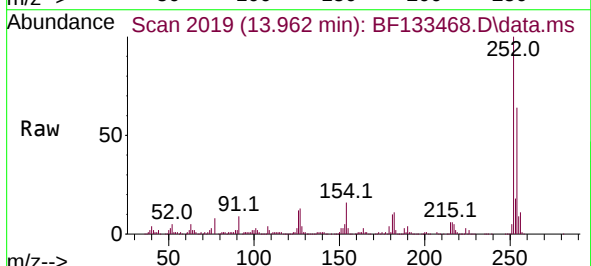
RT: 13.962 min Scan# 2019

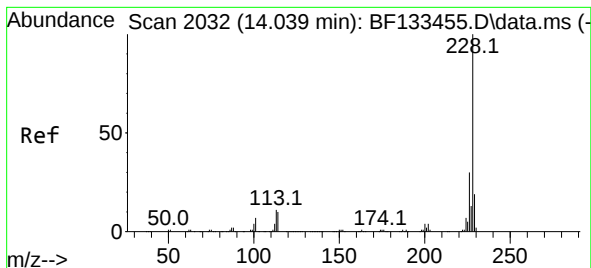
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Tgt Ion:252	Resp: 211406
Ion Ratio	Lower Upper
252 100	
254 64.3	51.8 77.6
126 12.2	11.0 16.6





#83

Chrysene

Concen: 45.271 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

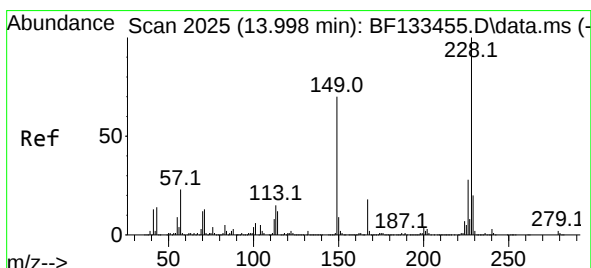
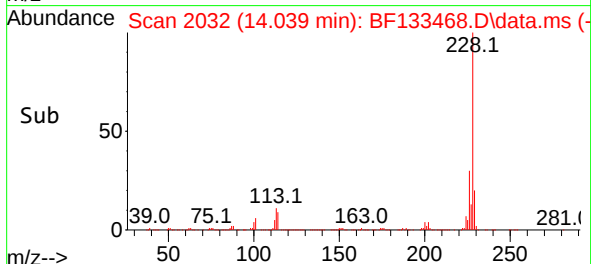
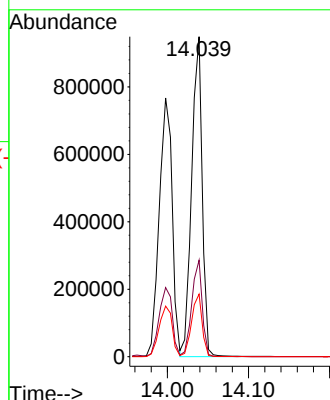
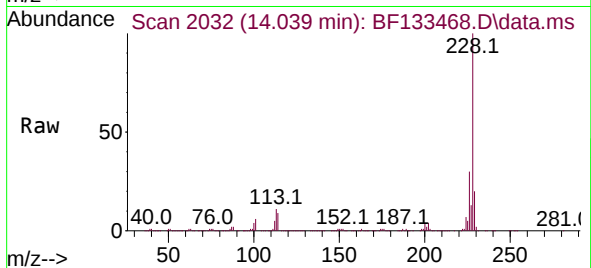
290-328MSD

Tgt Ion:228 Resp: 860579
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.5 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.021 ng

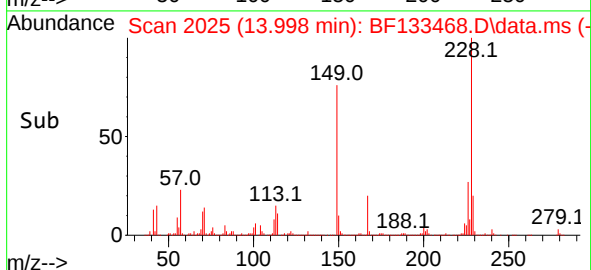
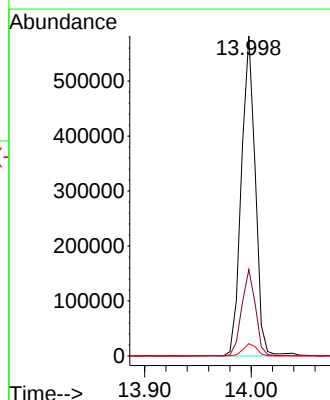
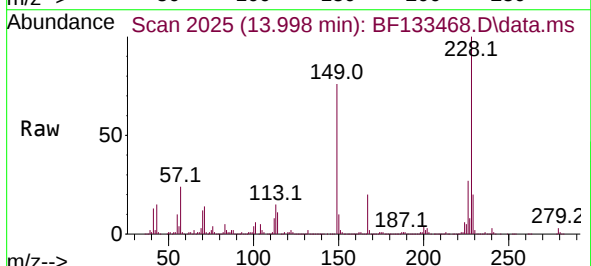
RT: 13.998 min Scan# 2025

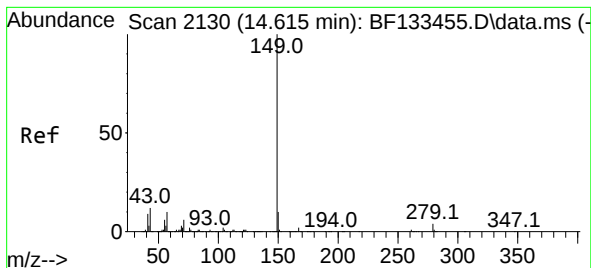
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Tgt Ion:149 Resp: 527806
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.8 31.2
 279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 48.812 ng

RT: 14.610 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

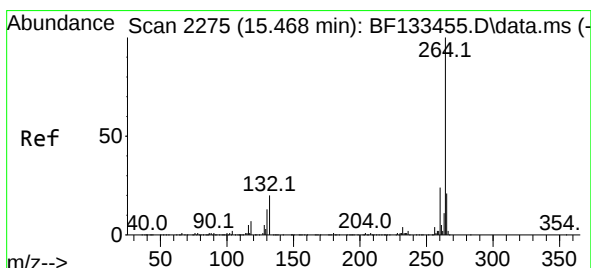
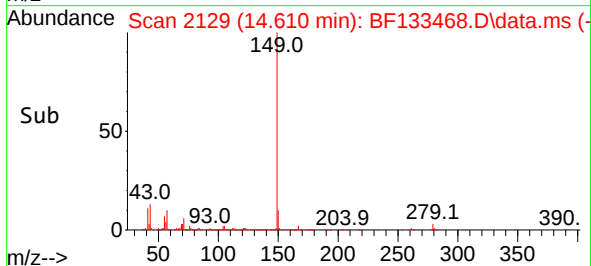
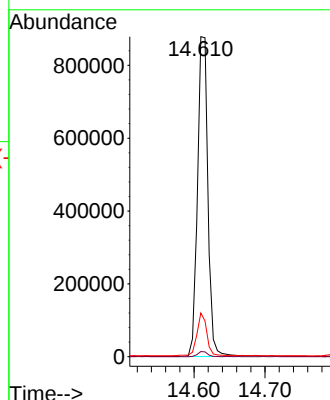
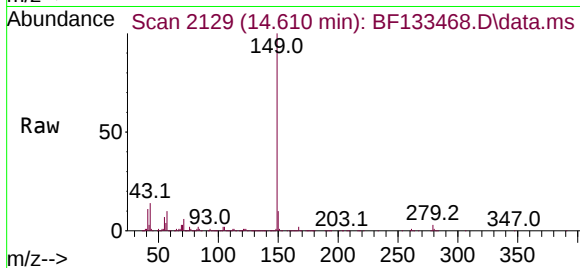
290-328MSD

Tgt Ion:149 Resp: 900964
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.6 9.9 14.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#86

Perylene-d12

Concen: 20.000 ng

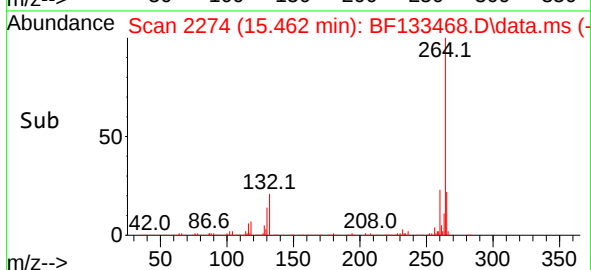
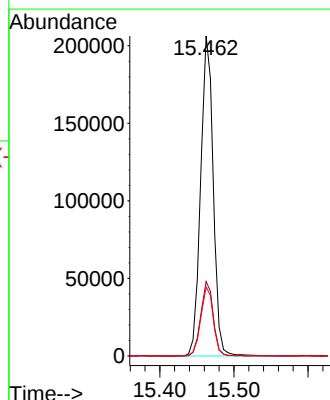
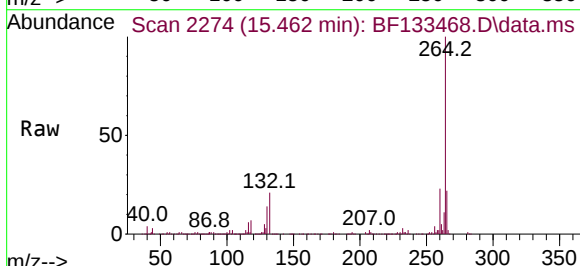
RT: 15.462 min Scan# 2274

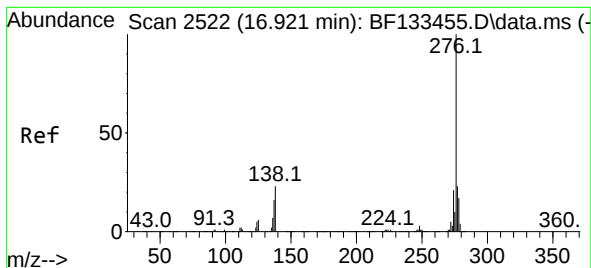
Delta R.T. -0.006 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Tgt Ion:264 Resp: 242750
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.095 ng

RT: 16.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Instrument :

BNA_F

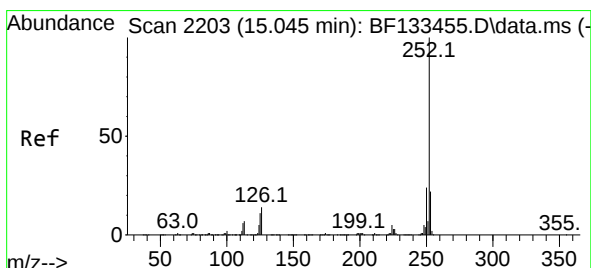
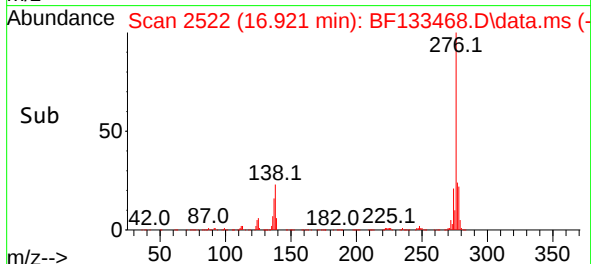
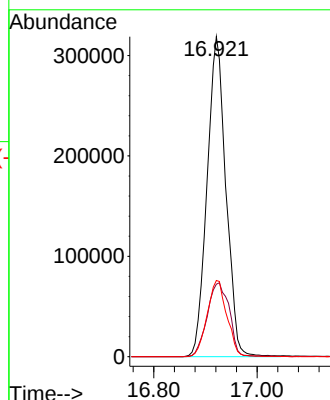
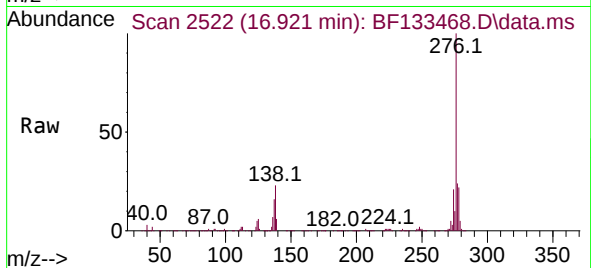
ClientSampleId :

290-328MSD

Tgt Ion:276 Resp: 80720
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.8
 277 24.9 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#88

Benzo(b)fluoranthene

Concen: 48.752 ng

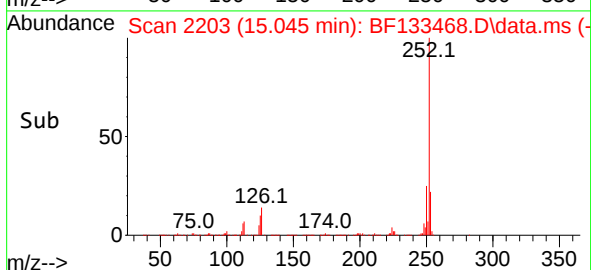
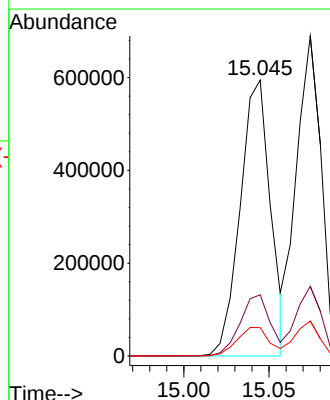
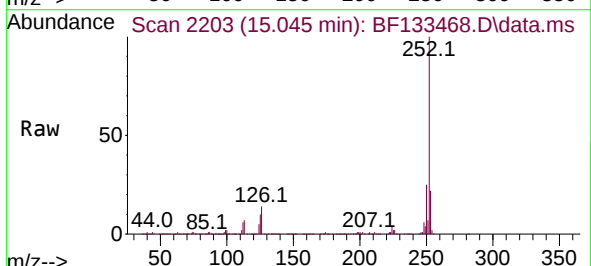
RT: 15.045 min Scan# 2203

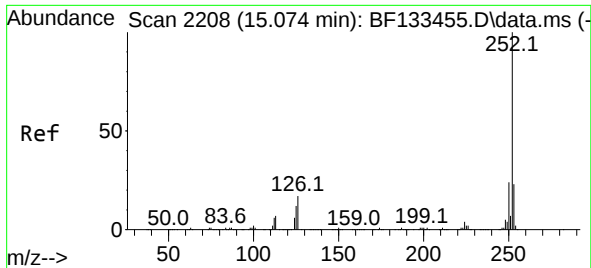
Delta R.T. -0.000 min

Lab File: BF133468.D

Acq: 24 May 2023 13:49

Tgt Ion:252 Resp: 735514
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.3 8.6 12.8





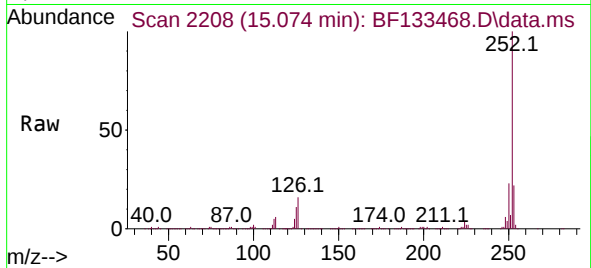
#89
Benzo(k)fluoranthene
Concen: 48.581 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

290-328MSD

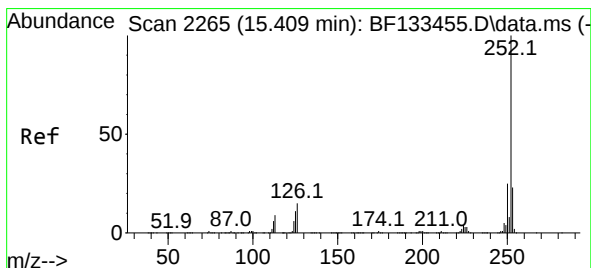
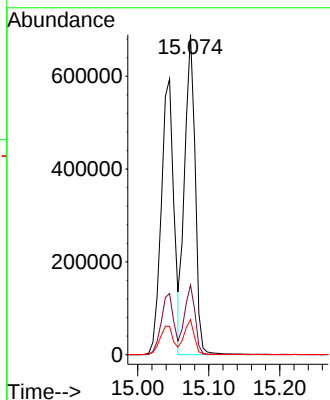
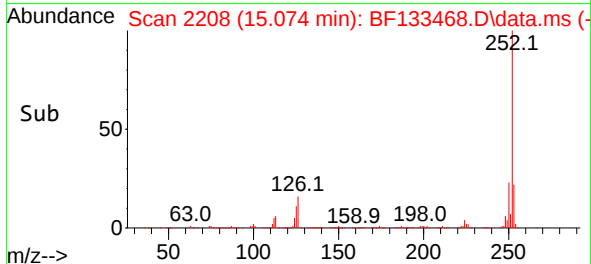


Tgt Ion:252 Resp: 712270
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.0 9.0 13.4

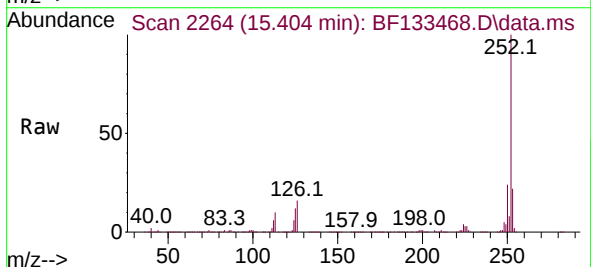
Manual Integrations

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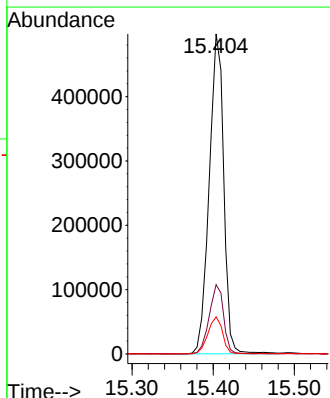
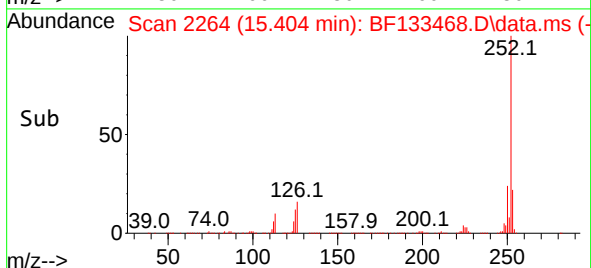
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

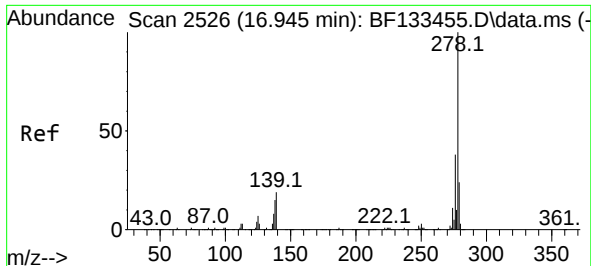


#90
Benzo(a)pyrene
Concen: 43.337 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



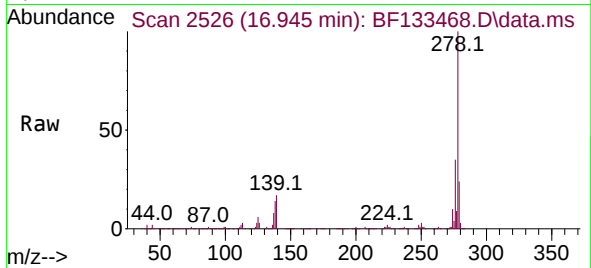
Tgt Ion:252 Resp: 616022
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.6 8.5 12.7





#91
Dibenzo(a,h)anthracene
Concen: 48.537 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49

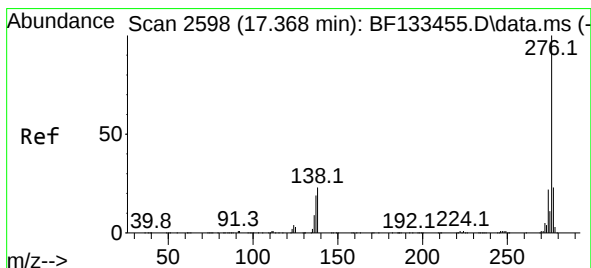
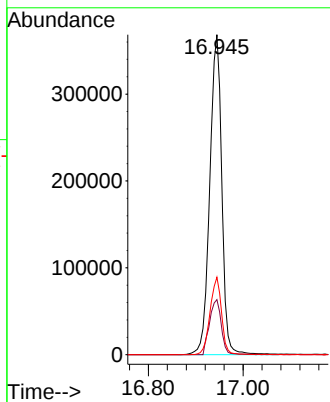
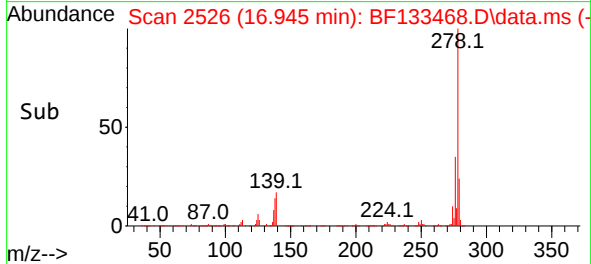
Instrument :
BNA_F
ClientSampleId :
290-328MSD



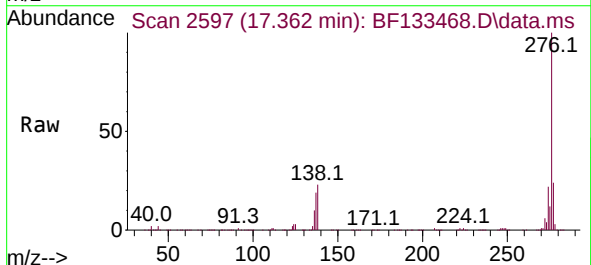
Tgt Ion:278 Resp: 649964
Ion Ratio Lower Upper
278 100
139 17.2 15.4 23.0
279 24.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#92
Benzo(g,h,i)perylene
Concen: 50.087 ng
RT: 17.362 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BF133468.D
Acq: 24 May 2023 13:49



Tgt Ion:276 Resp: 677542
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 23.2 18.5 27.7

