

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133532.D
 Acq On : 30 May 2023 20:27
 Operator : CG\JU
 Sample : 02955-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC25MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

Quant Time: May 31 05:22:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	142371	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	540728	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	260150	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	492920	20.000	ng	0.00
76) Chrysene-d12	14.004	240	262530	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	295023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	774073	90.715	ng	0.01
7) Phenol-d6	6.463	99	966361	91.997	ng	0.00
23) Nitrobenzene-d5	7.398	82	589826	72.831	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	261669	100.905	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1052469	62.442	ng	0.00
79) Terphenyl-d14	12.945	244	1042341	70.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	159624	41.420	ng	97
3) Pyridine	3.363	79	423819	39.222	ng	98
4) n-Nitrosodimethylamine	3.322	42	267179	45.339	ng	96
6) Aniline	6.493	93	571966	40.103	ng	100
8) 2-Chlorophenol	6.616	128	422665	50.270	ng	96
9) Benzaldehyde	6.381	77	258075	51.777	ng	99
10) Phenol	6.475	94	504505m	47.877	ng	
11) bis(2-Chloroethyl)ether	6.569	93	400571	45.977	ng	97
12) 1,3-Dichlorobenzene	6.775	146	444699	47.641	ng	99
13) 1,4-Dichlorobenzene	6.851	146	442113	47.243	ng	99
14) 1,2-Dichlorobenzene	7.004	146	425657	49.289	ng	98
15) Benzyl Alcohol	6.975	79	379579	47.597	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	753671	45.610	ng	100
17) 2-Methylphenol	7.087	107	351198	44.108	ng	99
18) Hexachloroethane	7.345	117	160680	49.654	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	287472	42.298	ng	98
20) 3+4-Methylphenols	7.240	107	411265	45.687	ng	94
22) Acetophenone	7.245	105	543272	43.628	ng	# 99
24) Nitrobenzene	7.416	77	451593	52.334	ng	99
25) Isophorone	7.657	82	825770	43.751	ng	99
26) 2-Nitrophenol	7.734	139	208791	52.329	ng	99
27) 2,4-Dimethylphenol	7.769	122	376349	46.864	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	473616	43.274	ng	99
29) 2,4-Dichlorophenol	7.975	162	338335	46.827	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	351473	44.974	ng	98
31) Naphthalene	8.139	128	1151298	43.917	ng	99
32) Benzoic acid	7.887	122	276307	51.585	ng	99
33) 4-Chloroaniline	8.187	127	251360	22.371	ng	95
34) Hexachlorobutadiene	8.257	225	208497	43.859	ng	99
35) Caprolactam	8.569	113	126917m	53.562	ng	
36) 4-Chloro-3-methylphenol	8.663	107	376478	46.516	ng	97
37) 2-Methylnaphthalene	8.828	142	759216	42.417	ng	99
38) 1-Methylnaphthalene	8.928	142	708518	42.465	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	336314	43.618	ng	99
41) Hexachlorocyclopentadiene	8.981	237	346541	87.703	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	241147	48.876	ng	97

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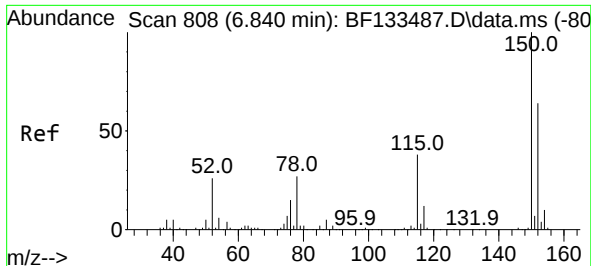
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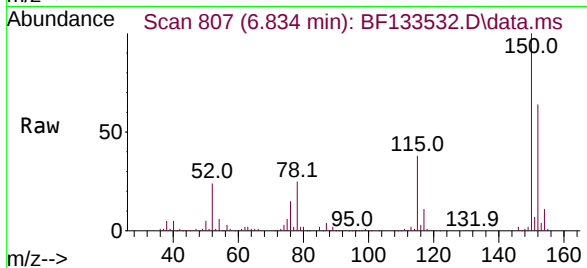
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	258099	45.069	ng	94
46) 1,1'-Biphenyl	9.292	154	944385	44.681	ng	99
47) 2-Chloronaphthalene	9.316	162	698597	45.606	ng	98
48) 2-Nitroaniline	9.416	65	247058	50.049	ng	96
49) Acenaphthylene	9.733	152	1156034	44.224	ng	99
50) Dimethylphthalate	9.598	163	823678	45.048	ng	100
51) 2,6-Dinitrotoluene	9.657	165	180370	51.586	ng	97
52) Acenaphthene	9.910	154	764521	48.281	ng	100
53) 3-Nitroaniline	9.828	138	169032	39.395	ng	# 87
54) 2,4-Dinitrophenol	9.928	184	147269	82.436	ng	90
55) Dibenzofuran	10.081	168	1034554	43.914	ng	99
56) 4-Nitrophenol	9.986	139	331453	105.955	ng	95
57) 2,4-Dinitrotoluene	10.063	165	233525	53.517	ng	# 83
58) Fluorene	10.422	166	748193	43.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	216685	50.241	ng	100
60) Diethylphthalate	10.298	149	837693	44.134	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	348085	42.000	ng	99
62) 4-Nitroaniline	10.445	138	208274	47.460	ng	98
63) Azobenzene	10.575	77	864280	45.489	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	98192	48.584	ng	96
66) n-Nitrosodiphenylamine	10.533	169	708953	44.302	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	229271	43.797	ng	99
68) Hexachlorobenzene	10.969	284	255873	46.742	ng	96
69) Atrazine	11.063	200	232010	52.840	ng	99
70) Pentachlorophenol	11.163	266	275650	84.213	ng	98
71) Phenanthrene	11.386	178	1109425	44.437	ng	100
72) Anthracene	11.439	178	1132533	44.076	ng	100
73) Carbazole	11.592	167	1063795	43.778	ng	99
74) Di-n-butylphthalate	11.927	149	1282843	44.646	ng	100
75) Fluoranthene	12.574	202	1105238	40.078	ng	99
77) Benzidine	12.698	184	584791	76.161	ng	99
78) Pyrene	12.804	202	1108963	49.640	ng	99
80) Butylbenzylphthalate	13.427	149	471019	53.288	ng	96
81) Benzo(a)anthracene	13.992	228	796679	45.553	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	242290	44.317	ng	# 97
83) Chrysene	14.027	228	793762	44.959	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	552300	49.988	ng	98
85) Di-n-octyl phthalate	14.604	149	942536	51.210	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	883185	46.997	ng	99
88) Benzo(b)fluoranthene	15.033	252	817010	42.528	ng	99
89) Benzo(k)fluoranthene	15.063	252	808450	43.158	ng	99
90) Benzo(a)pyrene	15.398	252	739415	42.298	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	730436	47.940	ng	99
92) Benzo(g,h,i)perylene	17.351	276	699198	45.511	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133532.D
 Acq: 30 May 2023 20:27

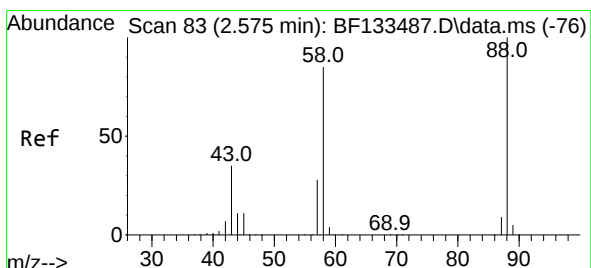
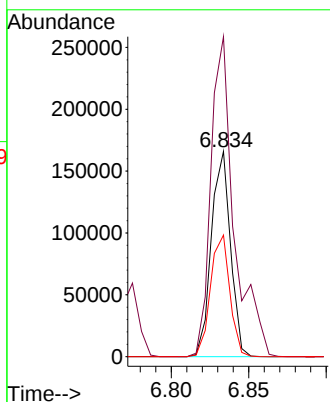
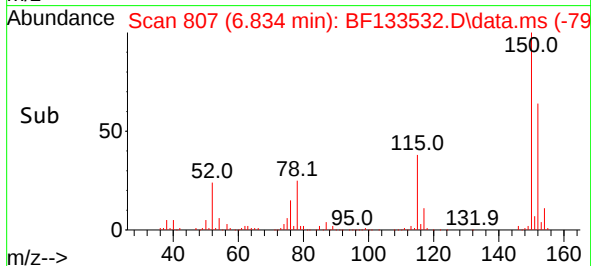
Instrument :
 BNA_F
 ClientSampleId :
 WC25MS



Tgt Ion: 152 Resp: 14237
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 59.3 48.1 72.1

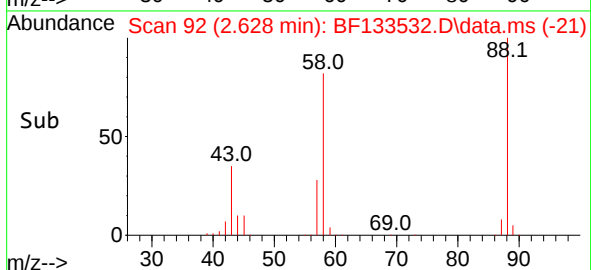
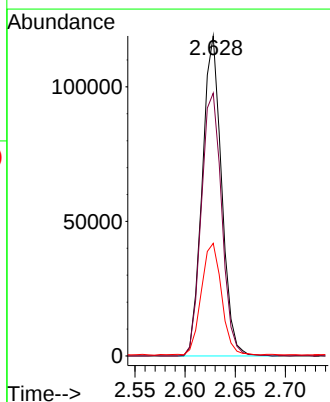
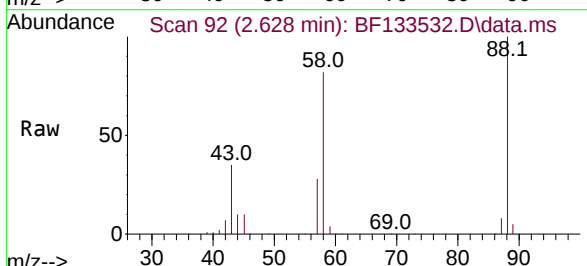
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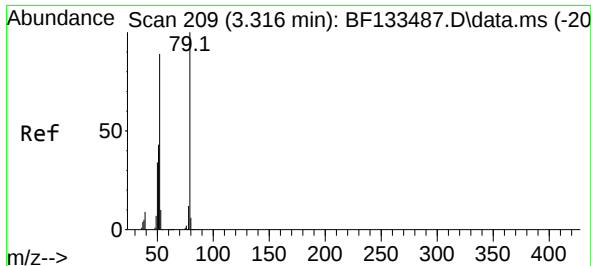
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#2
 1,4-Dioxane
 Concen: 41.420 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.070 min
 Lab File: BF133532.D
 Acq: 30 May 2023 20:27

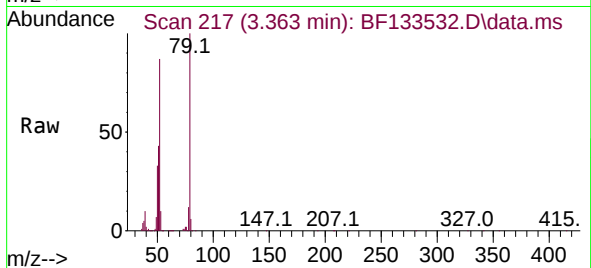
Tgt Ion: 88 Resp: 159624
 Ion Ratio Lower Upper
 88 100
 58 86.8 67.7 101.5
 43 36.9 28.2 42.4





#3
Pyridine
Concen: 39.222 ng
RT: 3.363 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

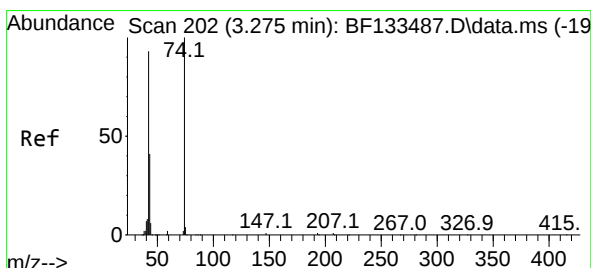
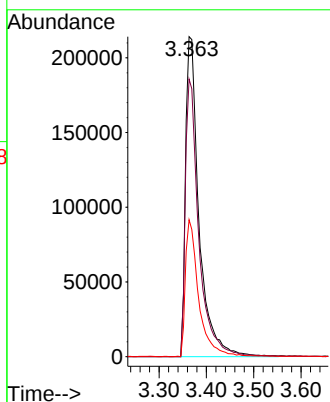
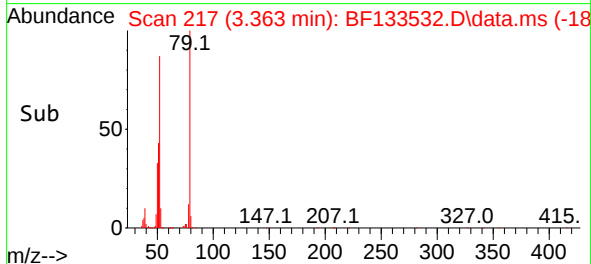
Instrument :
BNA_F
ClientSampleId :
WC25MS



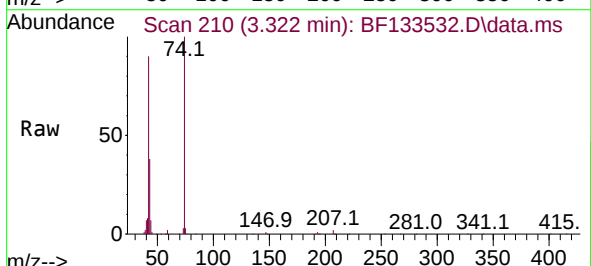
Tgt Ion: 79 Resp: 423819
Ion Ratio Lower Upper
79 100
52 86.8 71.3 106.9
51 42.8 34.4 51.6

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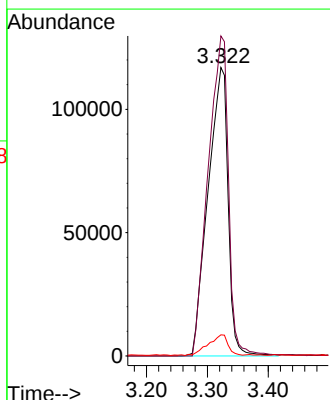
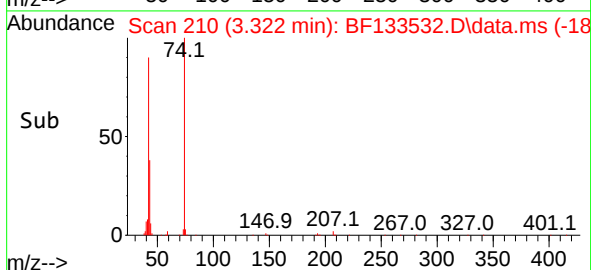
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#4
n-Nitrosodimethylamine
Concen: 45.339 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



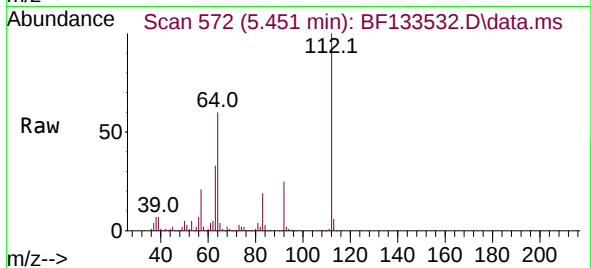
Tgt Ion: 42 Resp: 267179
Ion Ratio Lower Upper
42 100
74 110.9 85.7 128.5
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 90.715 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

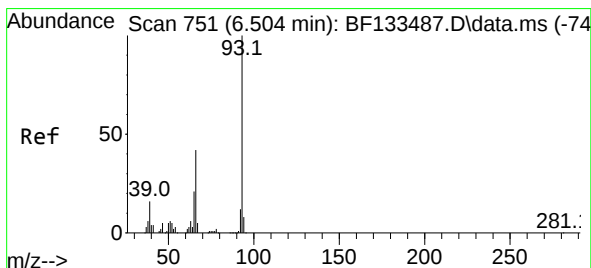
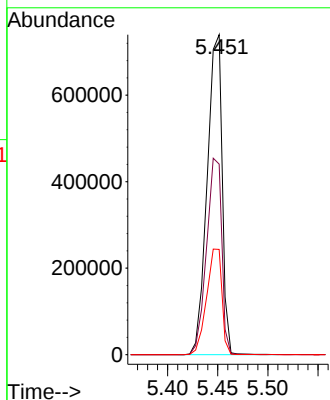
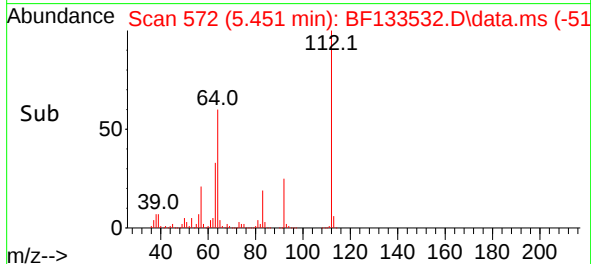
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 112 Resp: 77407
Ion Ratio Lower Upper
112 100
64 59.5 50.1 75.1
63 32.9 27.5 41.3

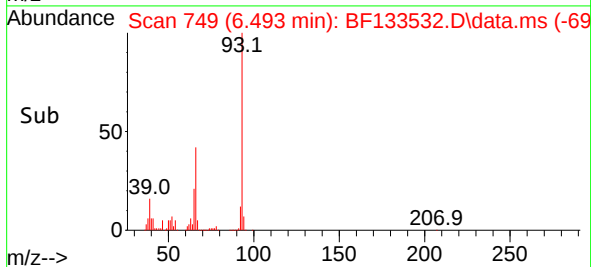
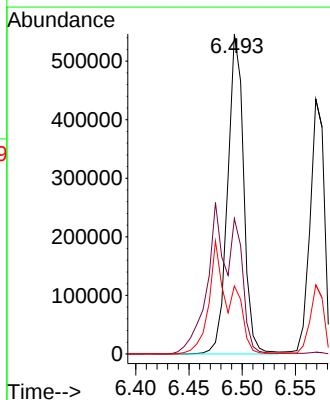
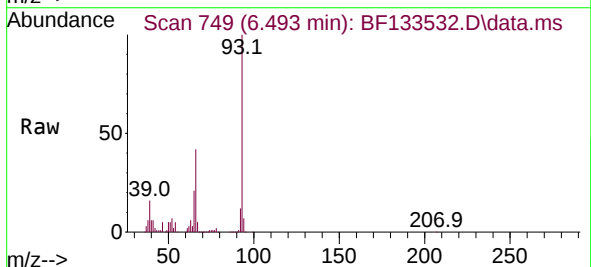
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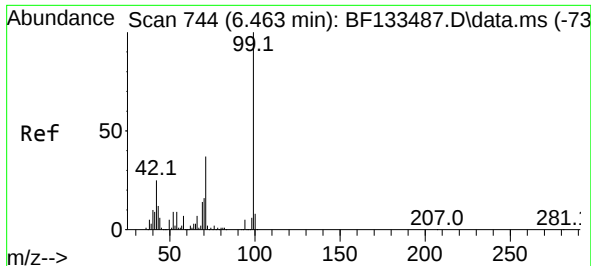
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#6
Aniline
Concen: 40.103 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

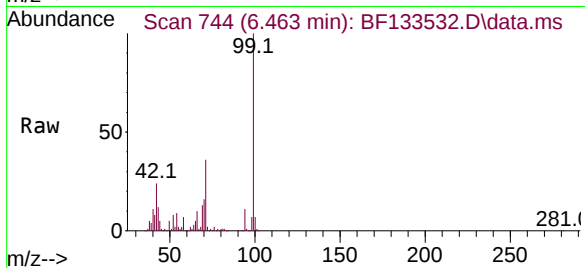
Tgt Ion: 93 Resp: 571966
Ion Ratio Lower Upper
93 100
66 42.3 33.9 50.9
65 21.2 17.2 25.8





#7
Phenol-d6
Concen: 91.997 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

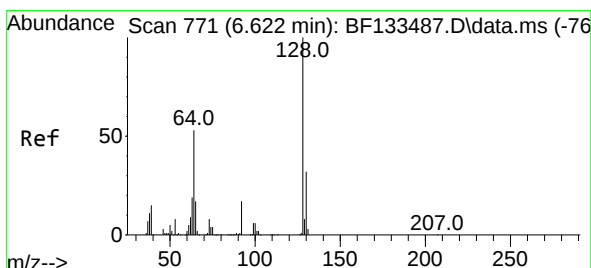
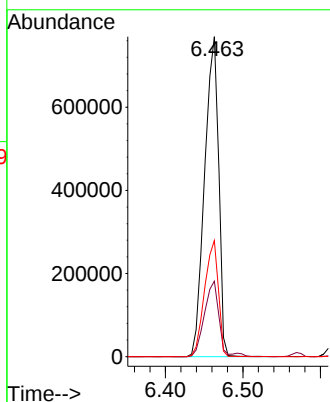
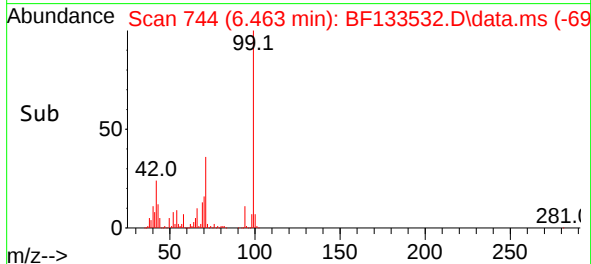
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 99 Resp: 96636
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.3 29.8 44.8

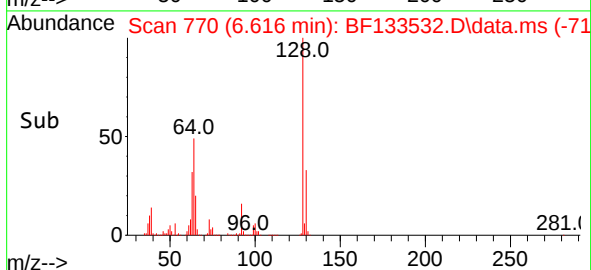
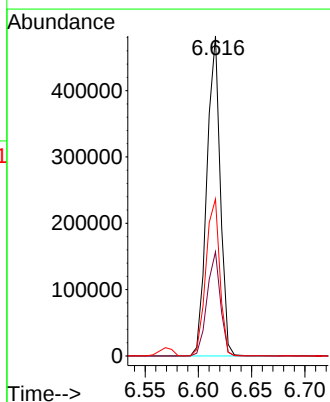
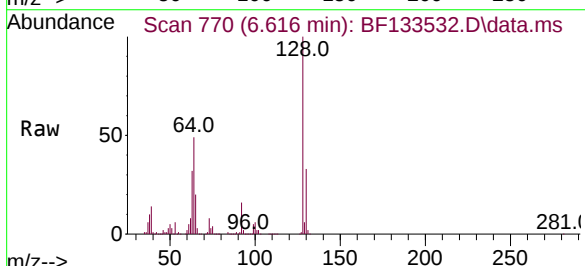
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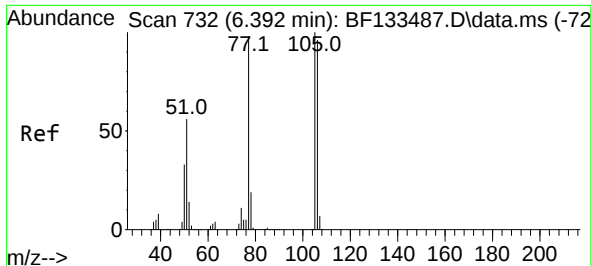
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#8
2-Chlorophenol
Concen: 50.270 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

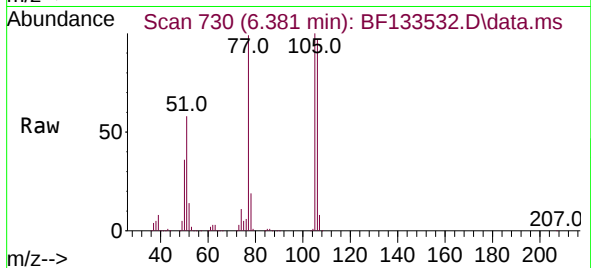
Tgt Ion:128 Resp: 422665
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 49.0 33.3 73.3





#9
Benzaldehyde
Concen: 51.777 ng
RT: 6.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

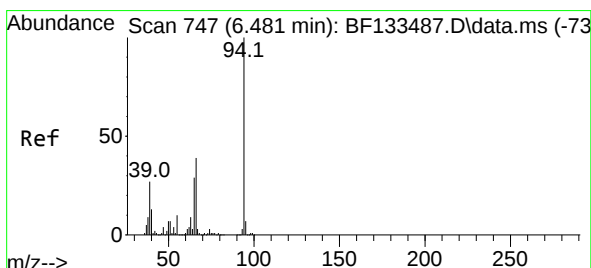
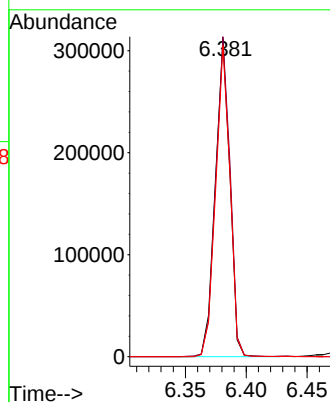
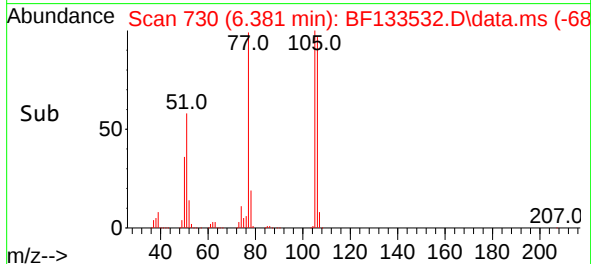
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 77 Resp: 258075
Ion Ratio Lower Upper
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105 100.8 81.9 121.9
106 98.0 77.8 117.8

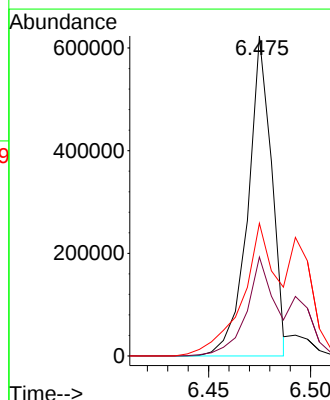
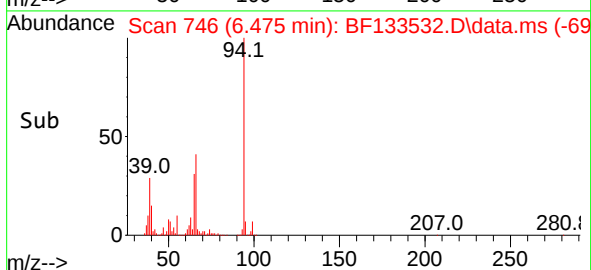
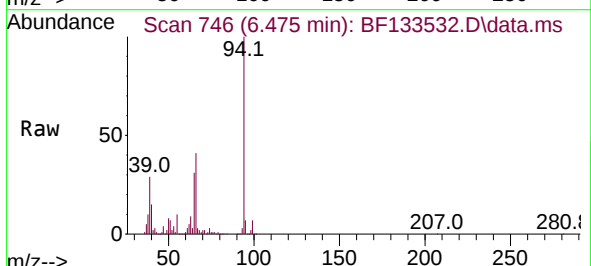
Manual Integrations
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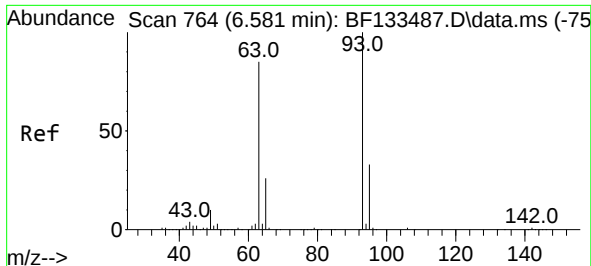
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#10
Phenol
Concen: 47.877 ng m
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

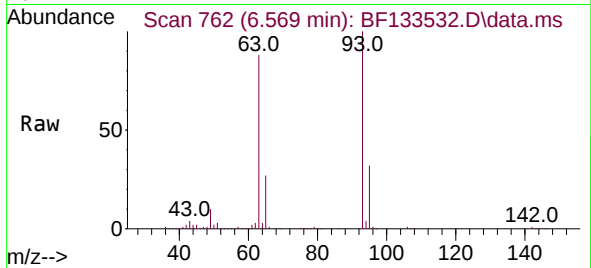
Tgt Ion: 94 Resp: 504505
Ion Ratio Lower Upper
94 100
65 30.9 9.1 49.1
66 41.5 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 45.977 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

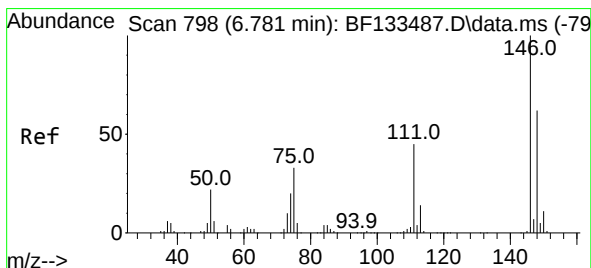
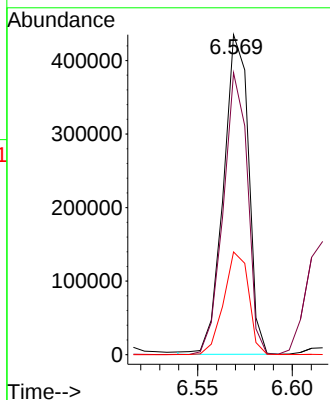
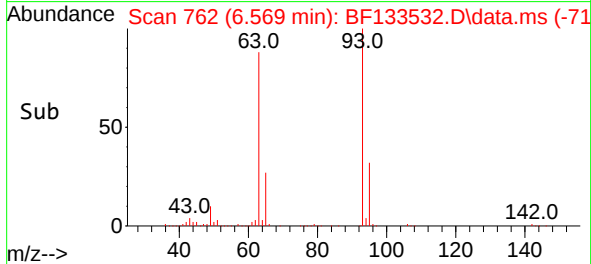
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 93 Resp: 400571
Ion Ratio Lower Upper
93 100
63 88.1 64.5 104.5
95 32.1 13.3 53.3

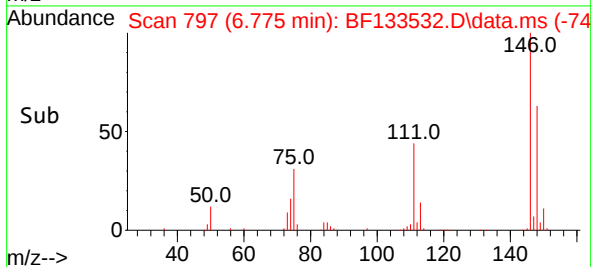
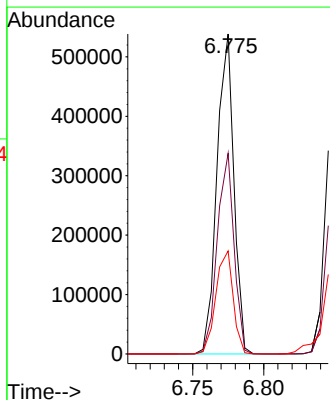
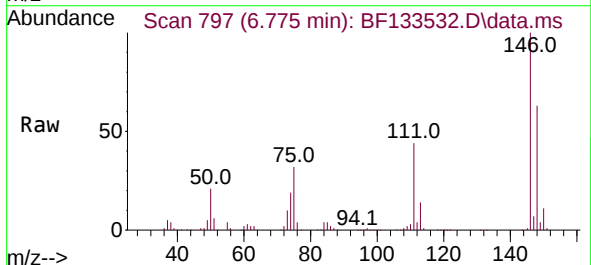
Manual Integrations
APPROVED

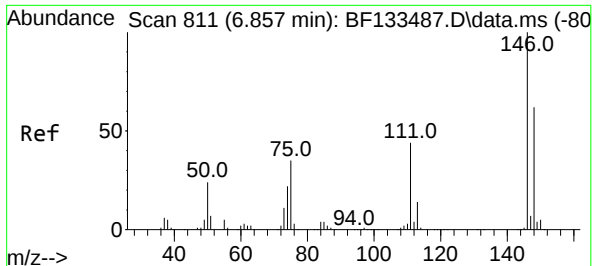
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#12
1,3-Dichlorobenzene
Concen: 47.641 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion:146 Resp: 444699
Ion Ratio Lower Upper
146 100
148 62.7 49.9 74.9
75 32.2 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 47.243 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:146 Resp: 442111

Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

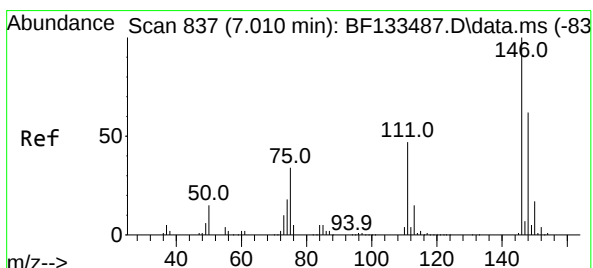
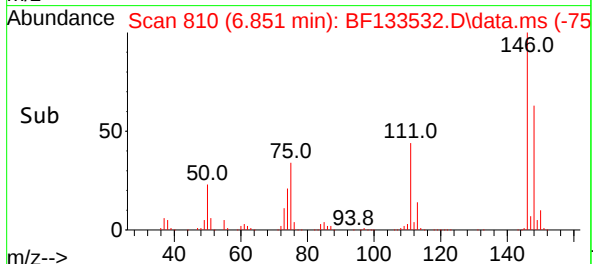
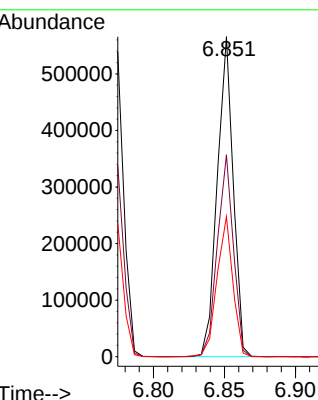
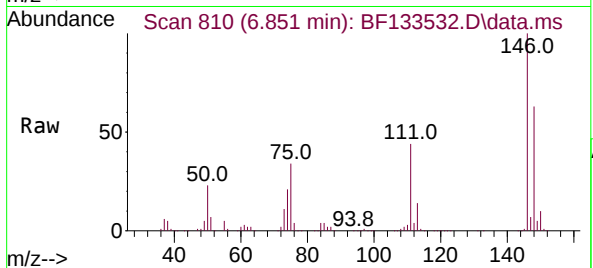
111 43.8 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#14

1,2-Dichlorobenzene

Concen: 49.289 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

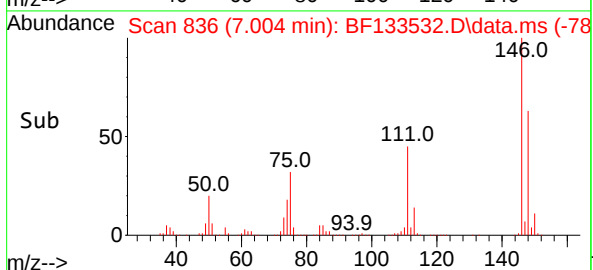
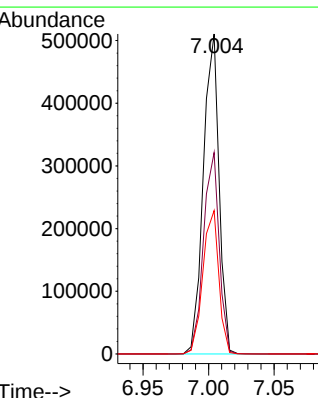
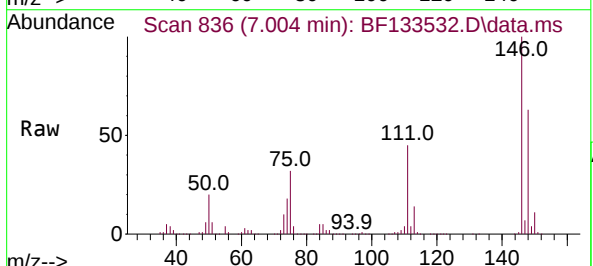
Tgt Ion:146 Resp: 425657

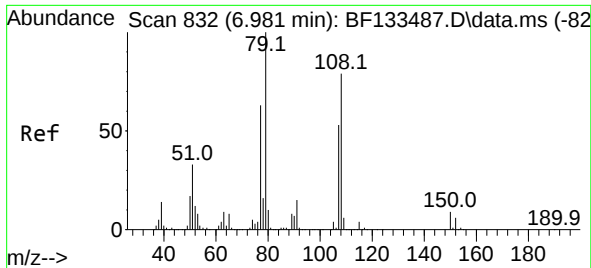
Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.6

111 44.8 37.4 56.2





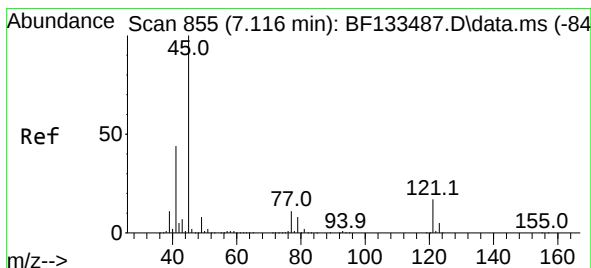
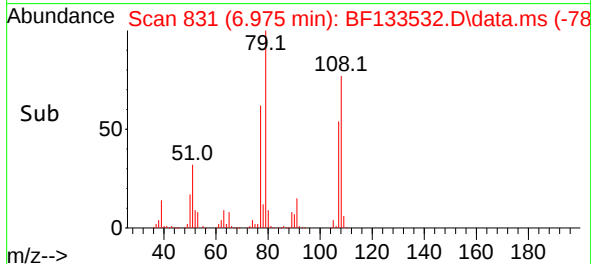
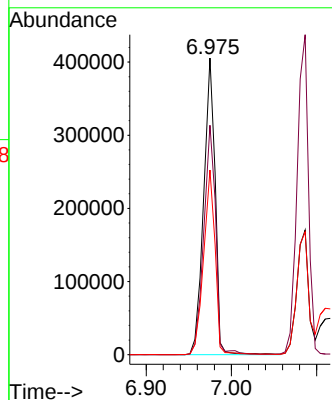
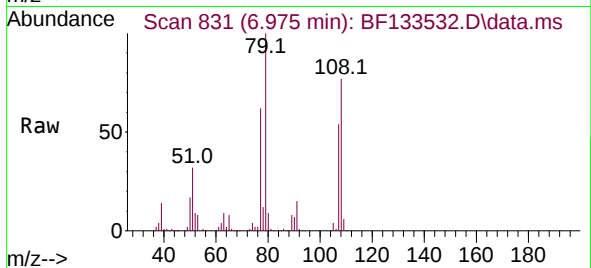
#15
Benzyl Alcohol
Concen: 47.597 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :
BNA_F
ClientSampleId :
WC25MS

Tgt Ion: 79 Resp: 379579
Ion Ratio Lower Upper
79 100
108 77.4 63.2 94.8
77 62.3 50.3 75.5

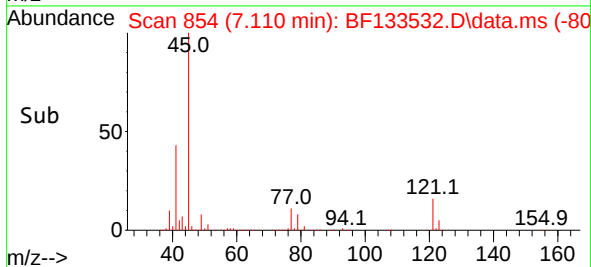
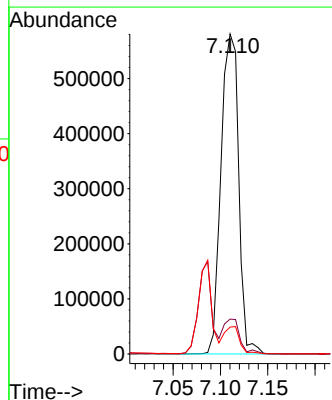
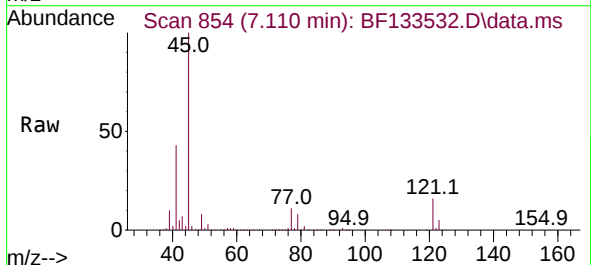
Manual Integrations
APPROVED

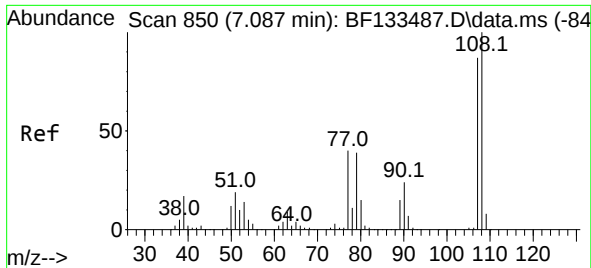
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.610 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

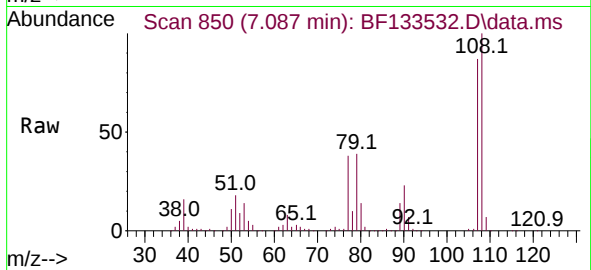
Tgt Ion: 45 Resp: 753671
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.8
79 8.4 0.0 28.2





#17
2-Methylphenol
Concen: 44.108 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

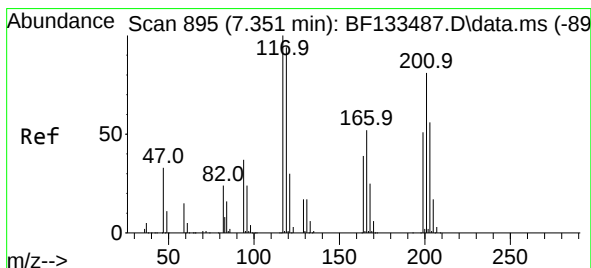
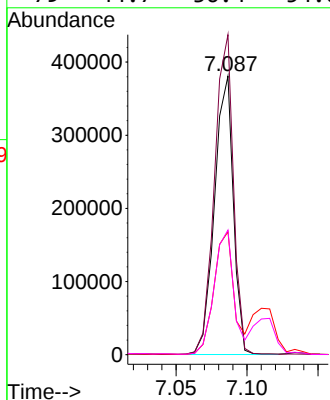
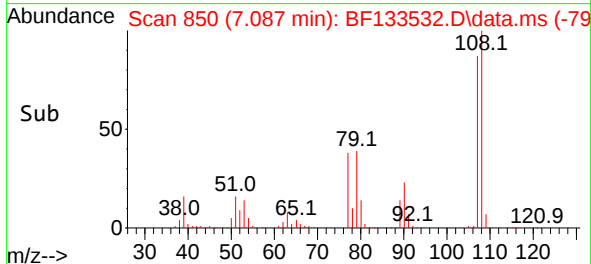
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:107 Resp: 351198
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 44.1 37.1 55.7
79 44.7 36.4 54.6

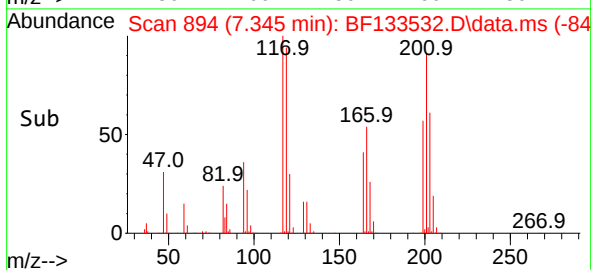
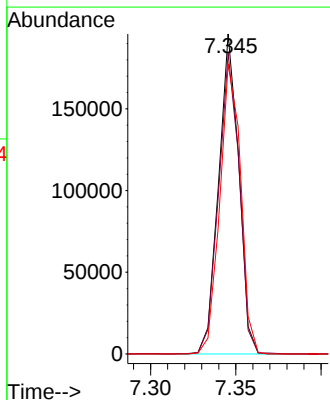
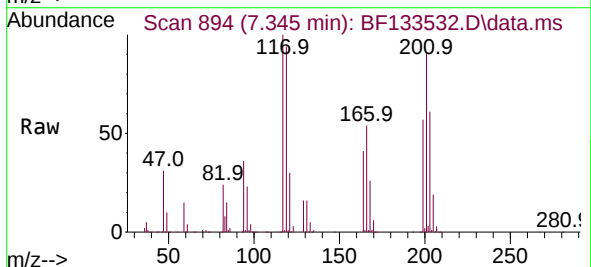
Manual Integrations
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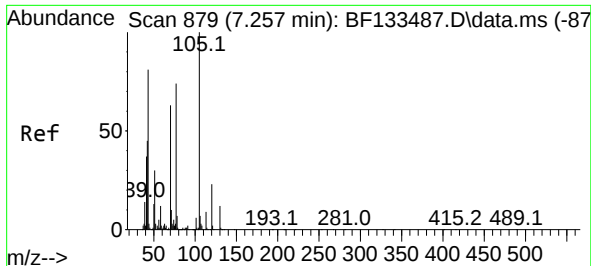
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#18
Hexachloroethane
Concen: 49.654 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

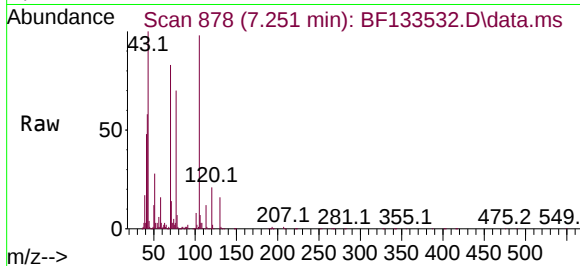
Tgt Ion:117 Resp: 160680
Ion Ratio Lower Upper
117 100
119 94.0 74.9 112.3
201 90.5 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.298 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

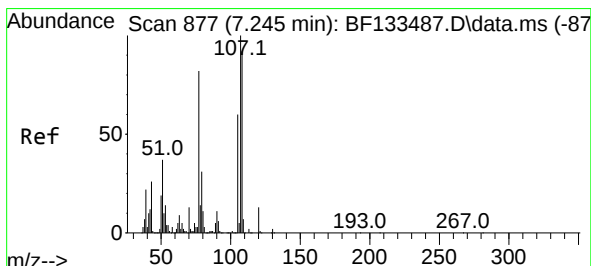
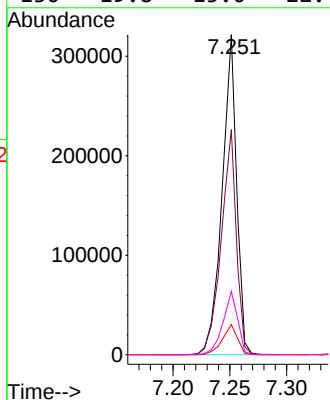
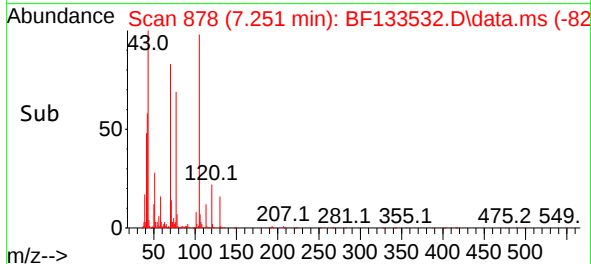
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 70 Resp: 287472
Ion Ratio Lower Upper
70 100
42 70.3 57.2 85.8
101 9.5 7.3 10.9
130 19.8 15.0 22.4

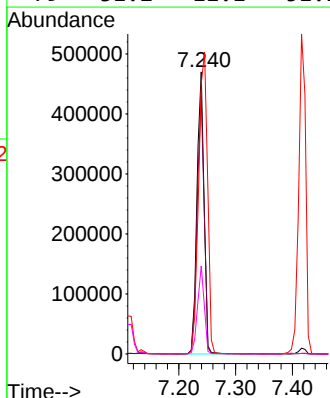
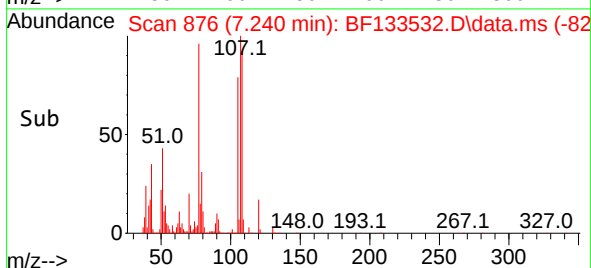
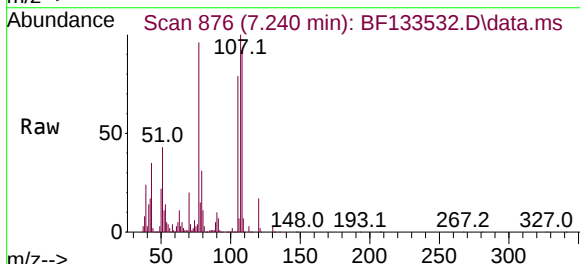
Manual Integrations
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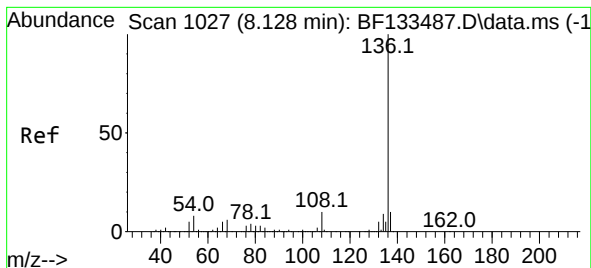
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#20
3+4-Methylphenols
Concen: 45.687 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion:107 Resp: 411265
Ion Ratio Lower Upper
107 100
108 91.6 72.0 112.0
77 95.7 61.9 101.9
79 31.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

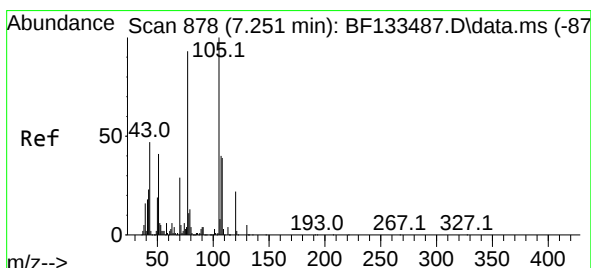
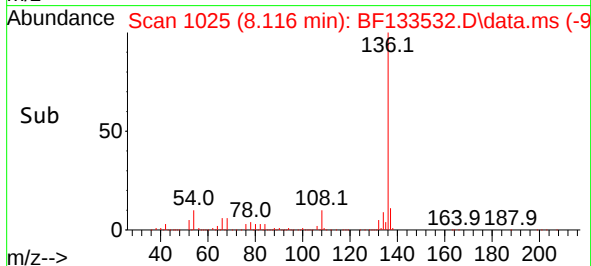
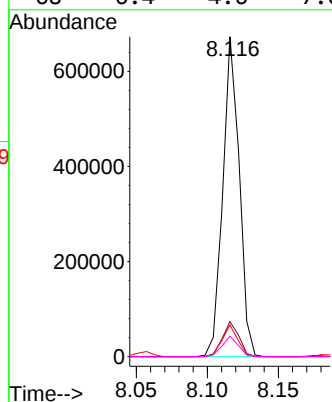
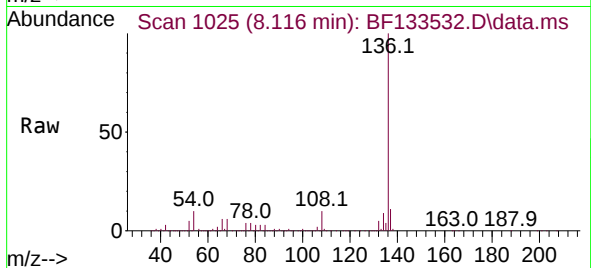
WC25MS

Tgt Ion:136	Resp: 540728
Ion Ratio	Lower Upper
136 100	
137 10.9	8.2 12.4
54 9.9	6.6 10.0
68 6.4	4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#22

Acetophenone

Concen: 43.628 ng

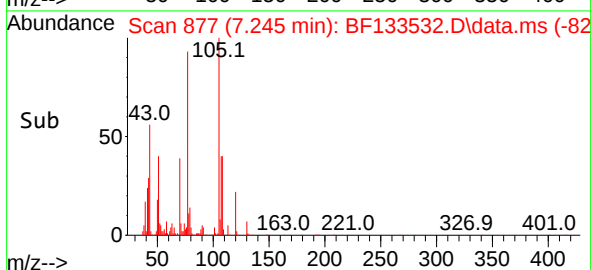
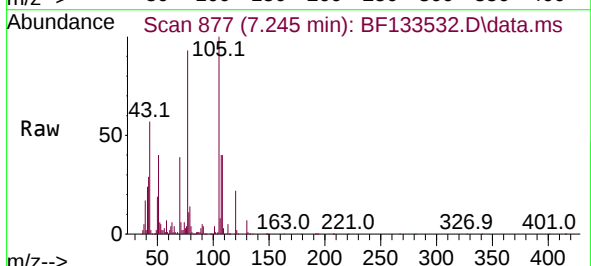
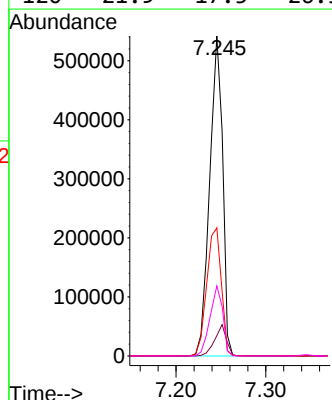
RT: 7.245 min Scan# 877

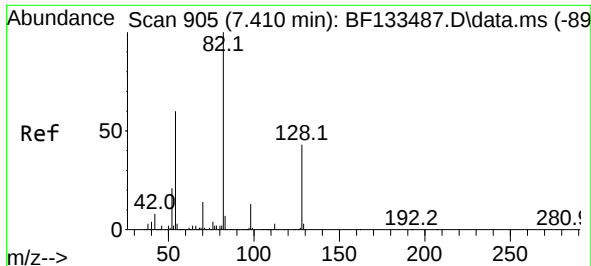
Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Tgt Ion:105	Resp: 543272
Ion Ratio	Lower Upper
105 100	
71 6.3	3.8 5.8#
51 40.0	32.6 49.0
120 21.9	17.5 26.3





#23

Nitrobenzene-d5

Concen: 72.831 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion: 82 Resp: 589820

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.4

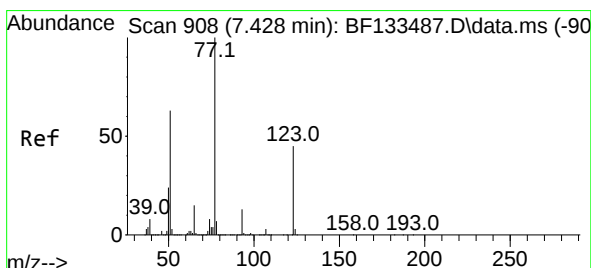
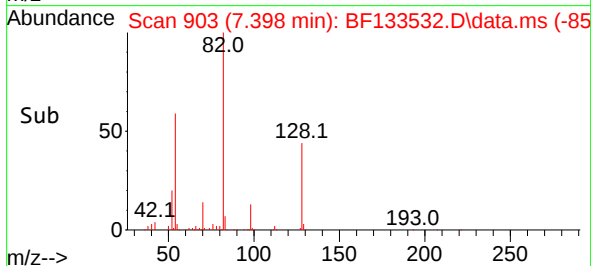
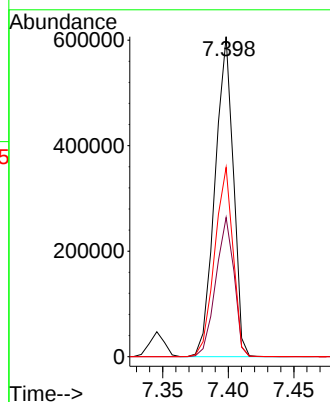
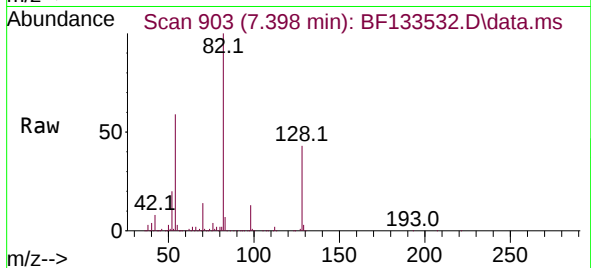
54 59.1 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#24

Nitrobenzene

Concen: 52.334 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

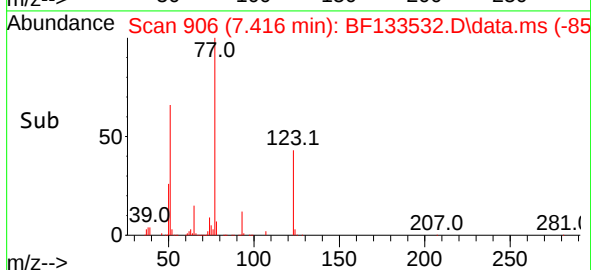
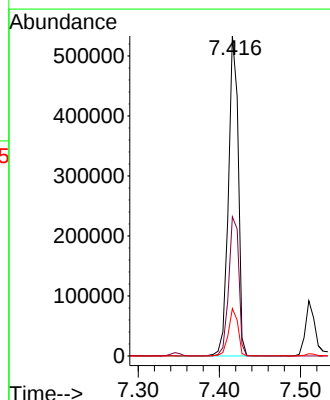
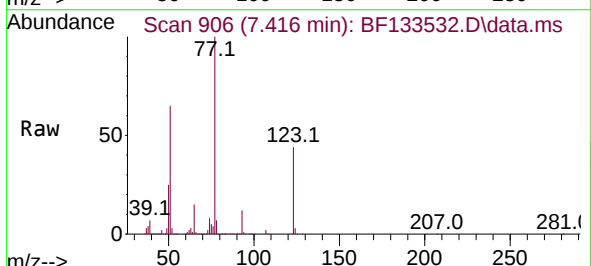
Tgt Ion: 77 Resp: 451593

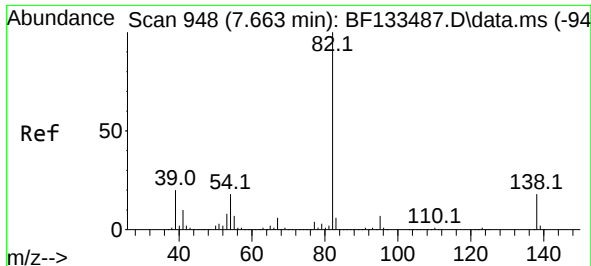
Ion Ratio Lower Upper

77 100

123 43.5 35.8 53.8

65 14.8 11.8 17.8





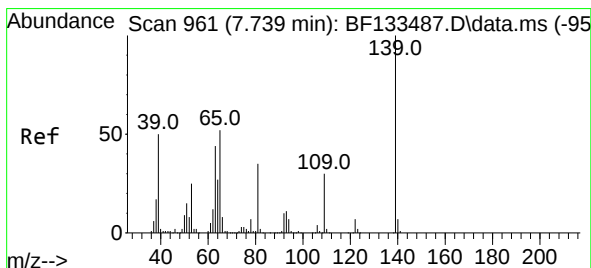
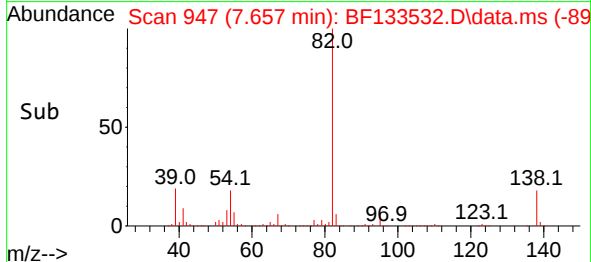
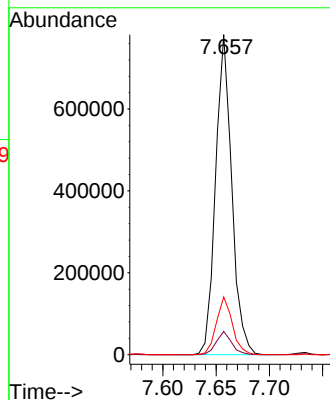
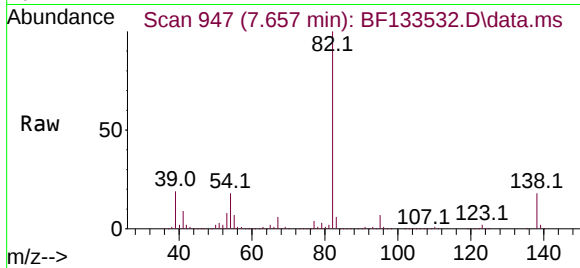
#25
Isophorone
Concen: 43.751 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :
BNA_F
ClientSampleId :
WC25MS

Tgt Ion: 82 Resp: 825770
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.0 14.2 21.4

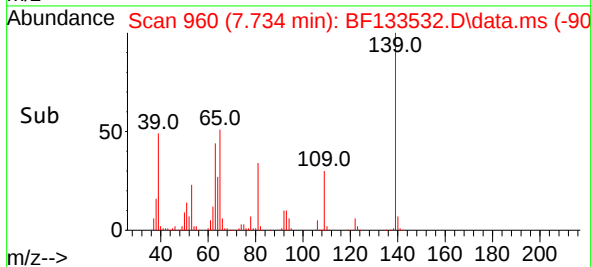
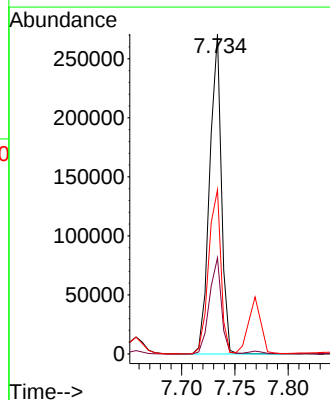
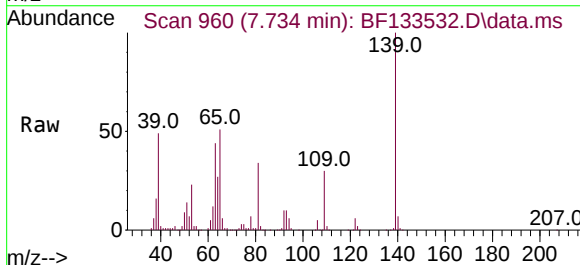
Manual Integrations
APPROVED

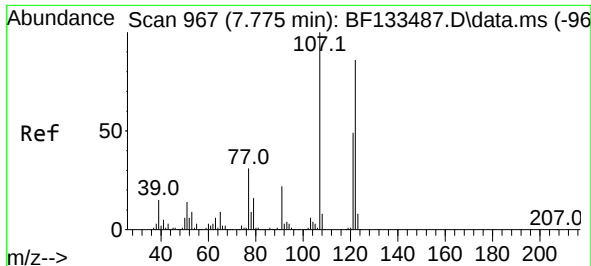
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#26
2-Nitrophenol
Concen: 52.329 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion:139 Resp: 208791
Ion Ratio Lower Upper
139 100
109 30.0 24.0 36.0
65 51.3 41.7 62.5





#27
2,4-Dimethylphenol
Concen: 46.864 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

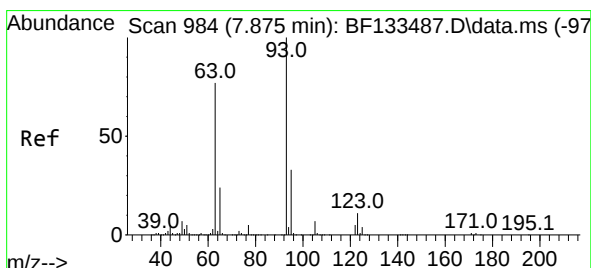
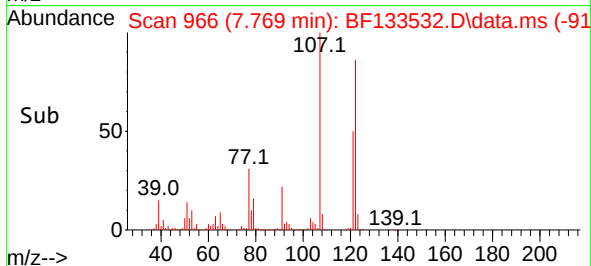
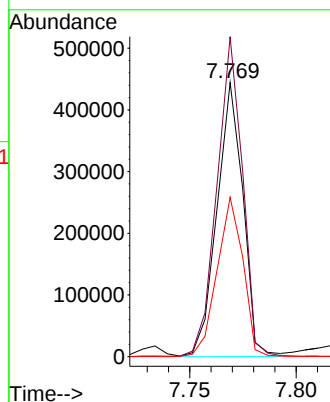
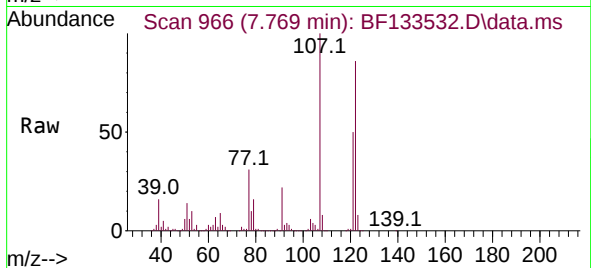
WC25MS

Tgt Ion:122 Resp: 376349
Ion Ratio Lower Upper
122 100
107 116.7 93.4 140.0
121 58.1 45.6 68.4

Manual Integrations

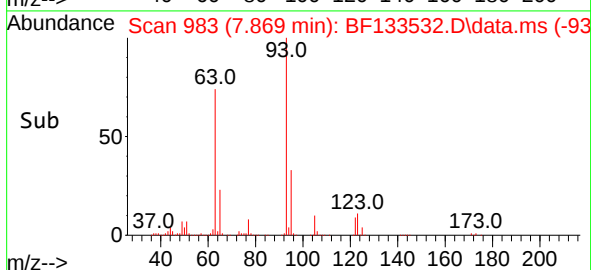
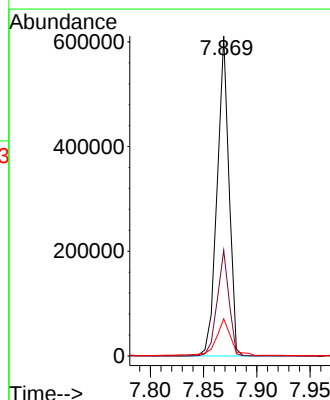
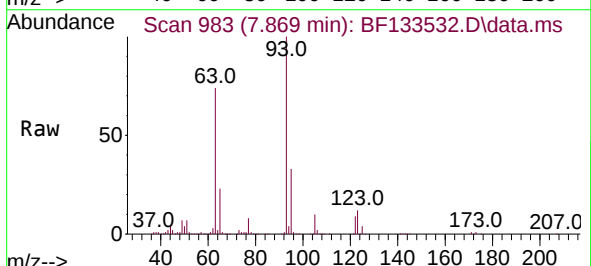
APPROVED

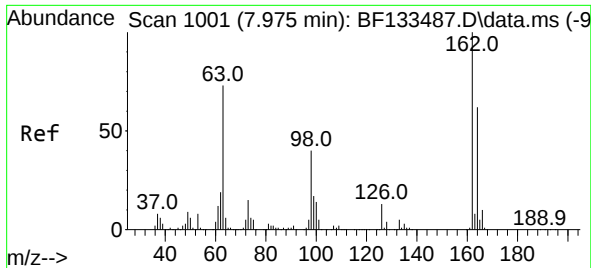
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.274 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion: 93 Resp: 473616
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.827 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:162 Resp: 33833

Ion Ratio Lower Upper

162 100

164 64.6 42.2 82.2

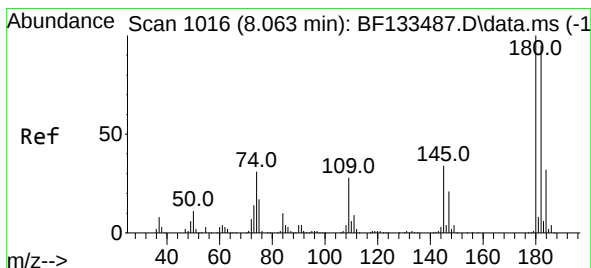
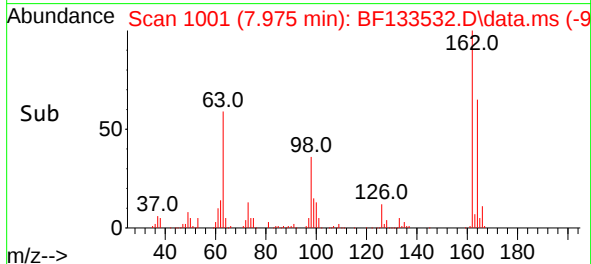
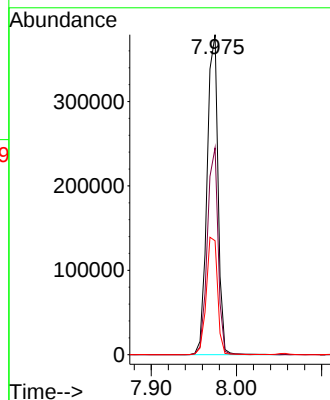
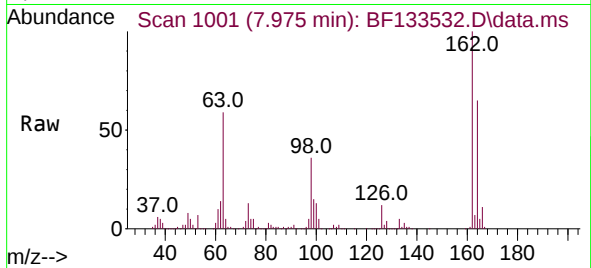
98 35.6 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.974 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

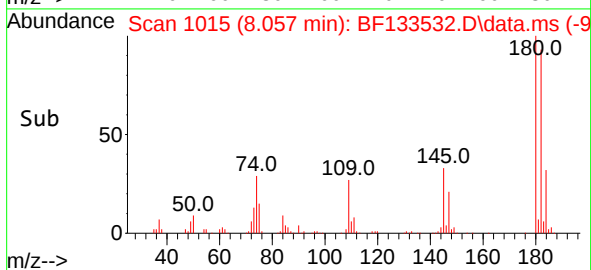
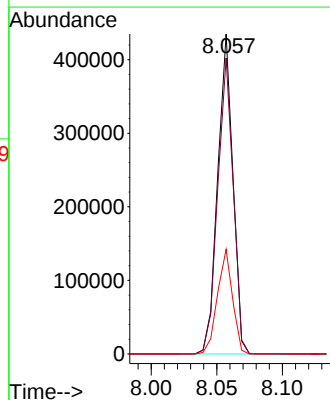
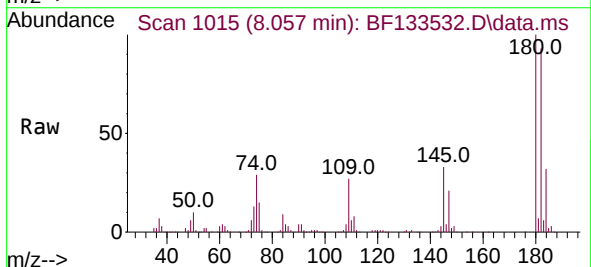
Tgt Ion:180 Resp: 351473

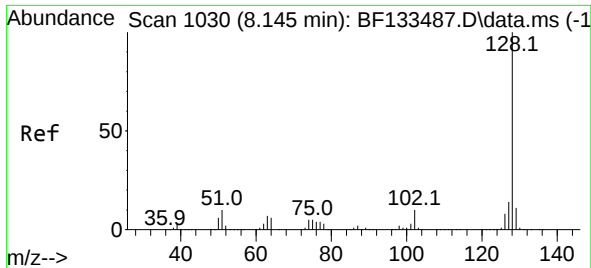
Ion Ratio Lower Upper

180 100

182 92.5 76.1 114.1

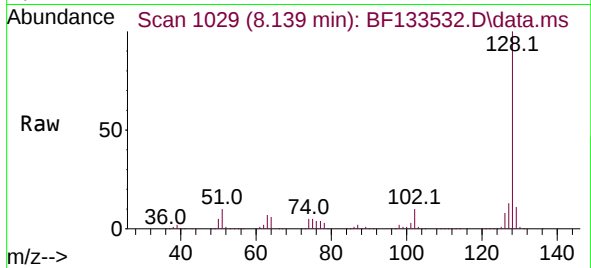
145 32.7 27.0 40.4





#31
Naphthalene
Concen: 43.917 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

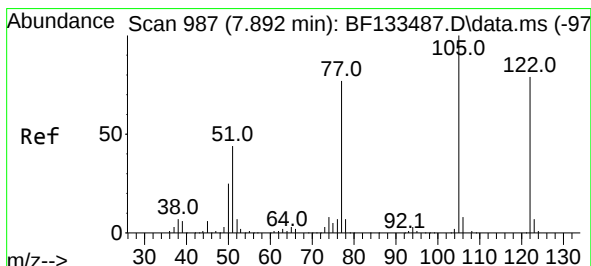
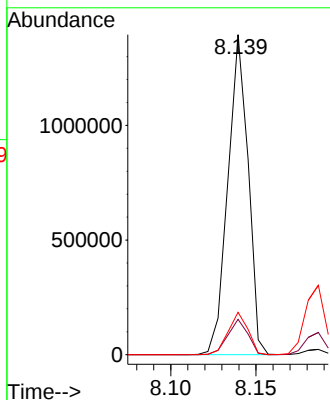
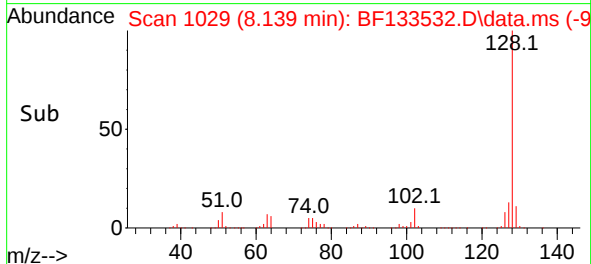
Instrument :
BNA_F
ClientSampleId :
WC25MS



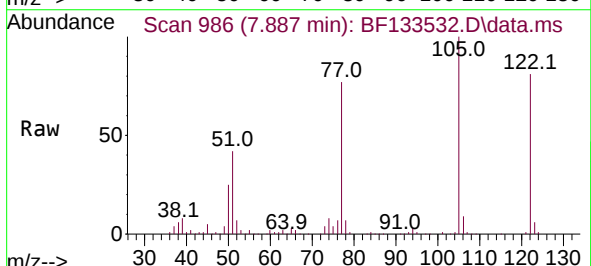
Tgt Ion:128 Resp: 1151298
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.2 10.9 16.3

Manual Integrations
APPROVED

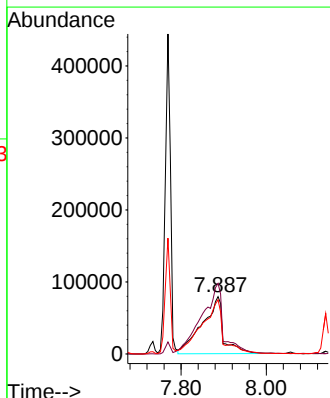
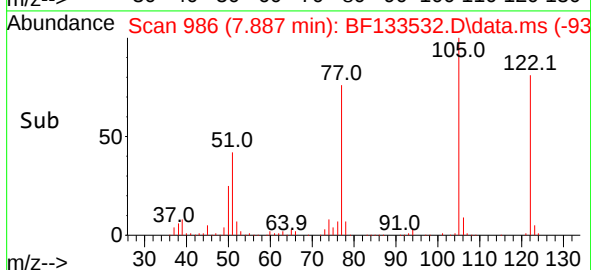
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

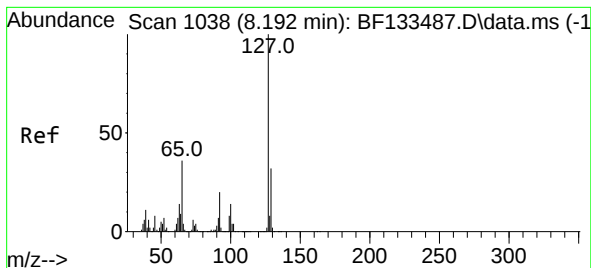


#32
Benzoic acid
Concen: 51.585 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



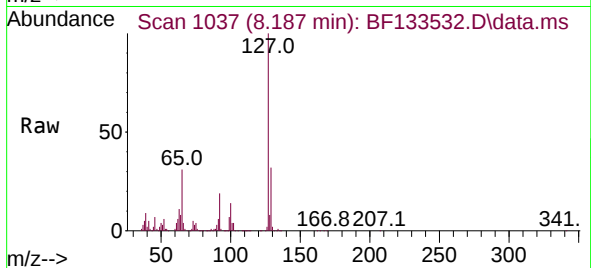
Tgt Ion:122 Resp: 276307
Ion Ratio Lower Upper
122 100
105 123.2 103.3 143.3
77 94.7 75.7 115.7





#33
4-Chloroaniline
Concen: 22.371 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

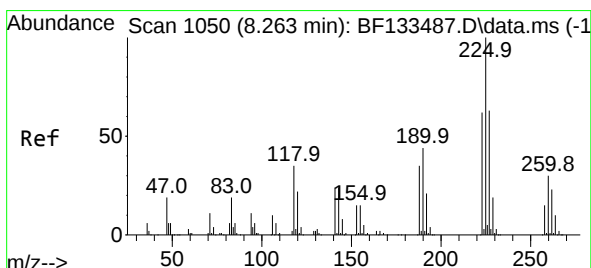
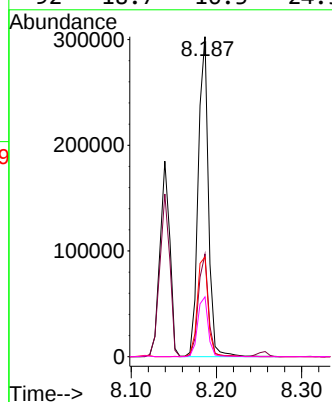
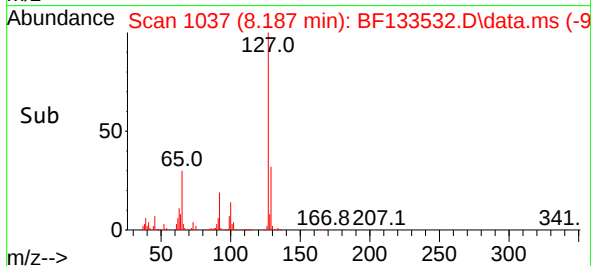
Instrument :
BNA_F
ClientSampleId :
WC25MS



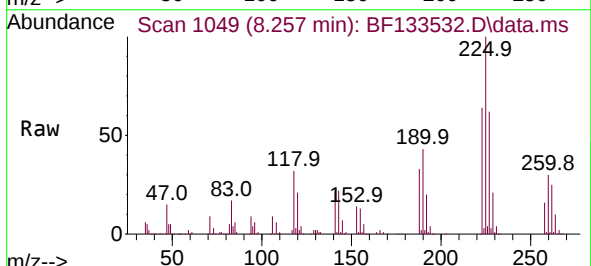
Tgt Ion:127 Resp: 251360
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 31.2 29.0 43.6
92 18.7 16.3 24.5

Manual Integrations
APPROVED

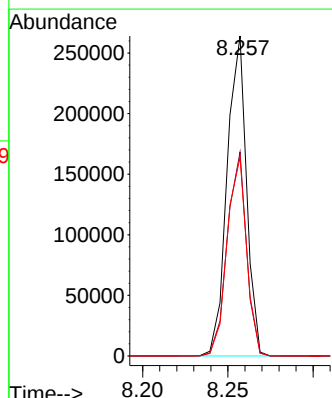
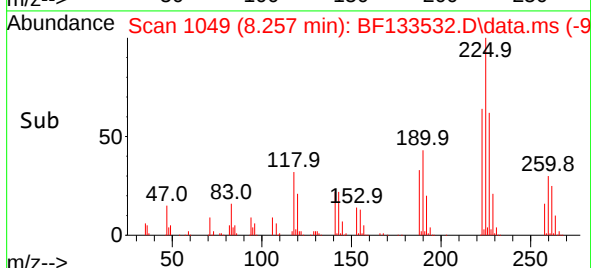
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

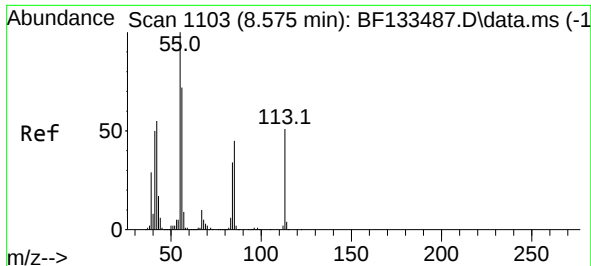


#34
Hexachlorobutadiene
Concen: 43.859 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



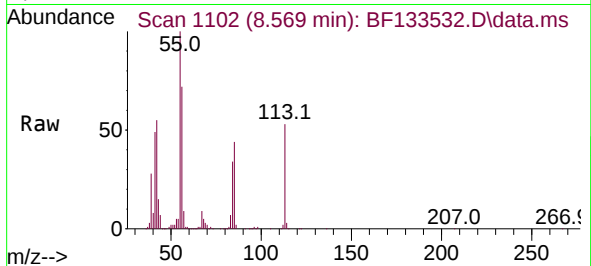
Tgt Ion:225 Resp: 208497
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 62.1 50.2 75.4





#35
Caprolactam
Concen: 53.562 ng m
RT: 8.569 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

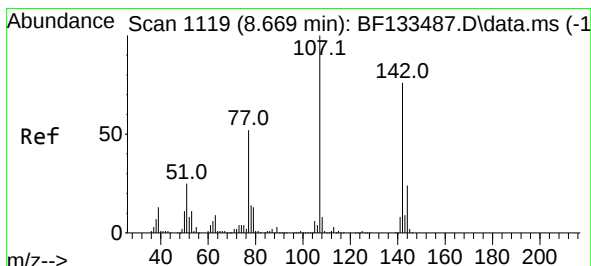
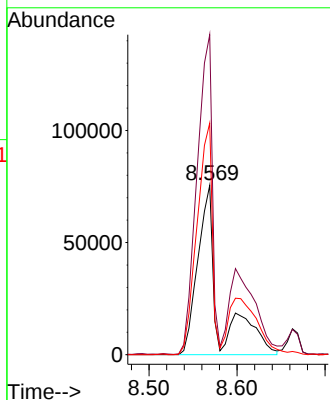
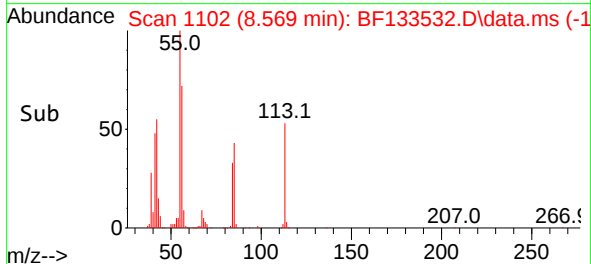
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:113 Resp: 12691
Ion Ratio Lower Upper
113 100
55 188.9 177.5 217.5
56 136.7 122.3 162.3

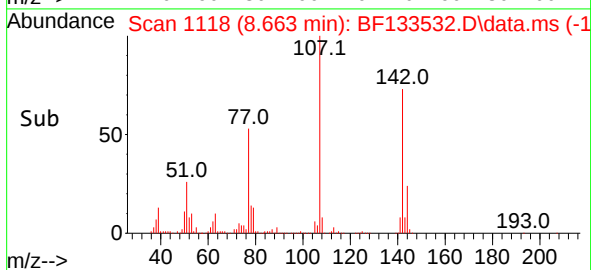
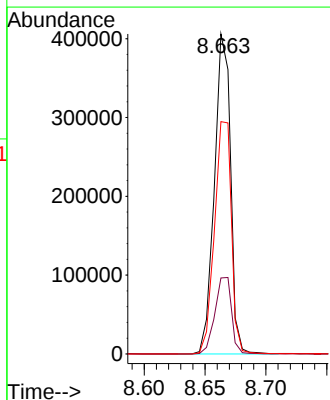
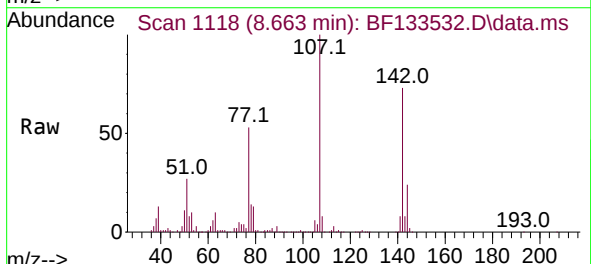
Manual Integrations
APPROVED

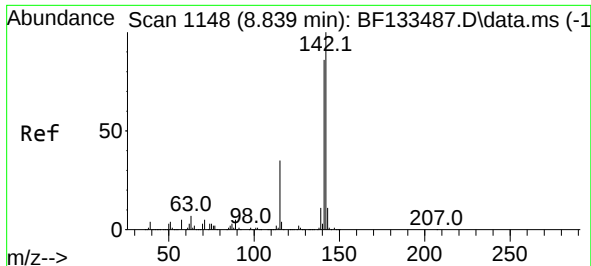
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#36
4-Chloro-3-methylphenol
Concen: 46.516 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

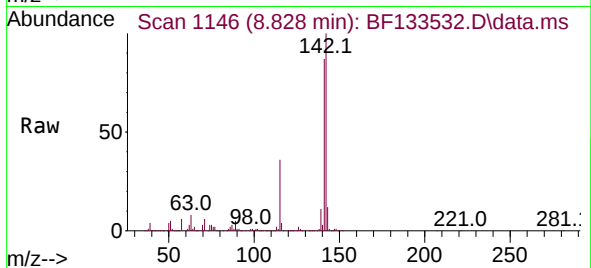
Tgt Ion:107 Resp: 376478
Ion Ratio Lower Upper
107 100
144 23.7 19.4 29.0
142 72.6 60.5 90.7





#37
2-Methylnaphthalene
Concen: 42.417 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

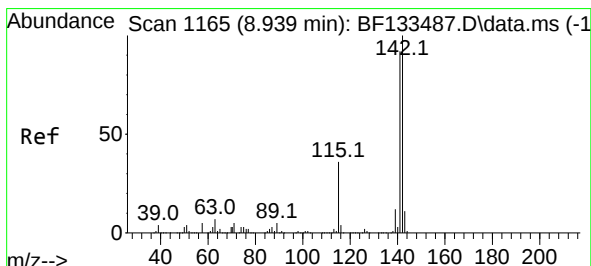
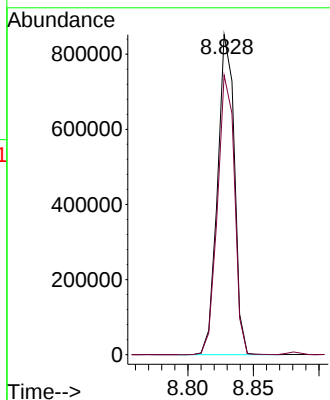
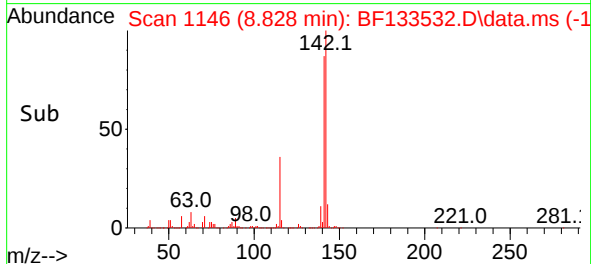
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:142 Resp: 759210
Ion Ratio Lower Upper
142 100
141 87.3 69.2 103.8

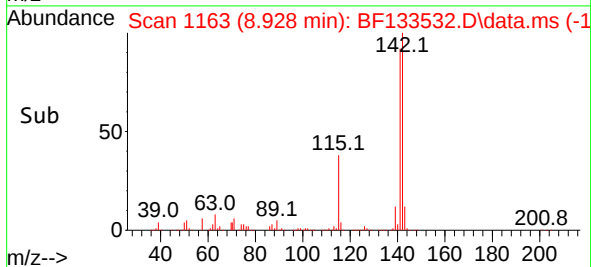
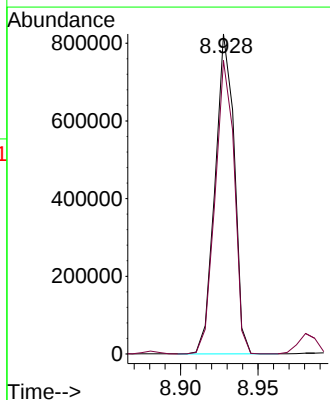
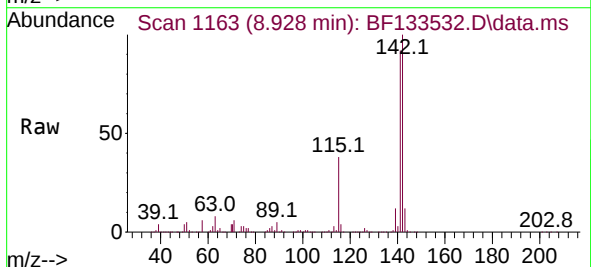
Manual Integrations
APPROVED

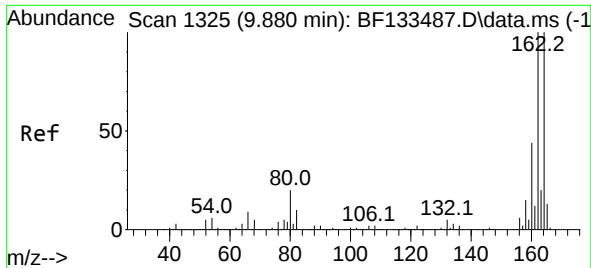
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#38
1-Methylnaphthalene
Concen: 42.465 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion:142 Resp: 708518
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4





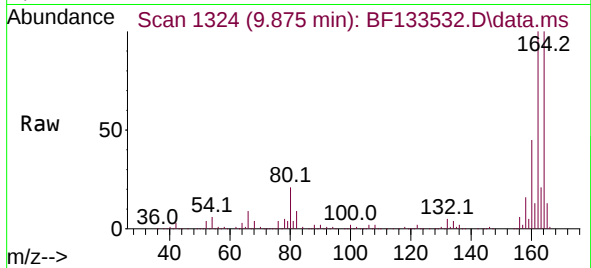
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

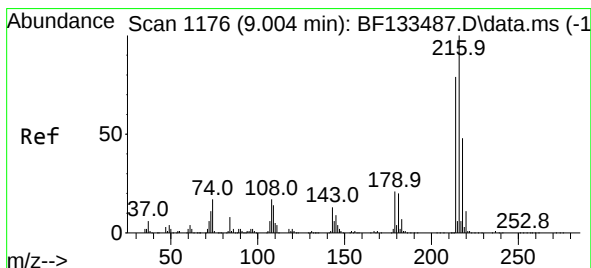
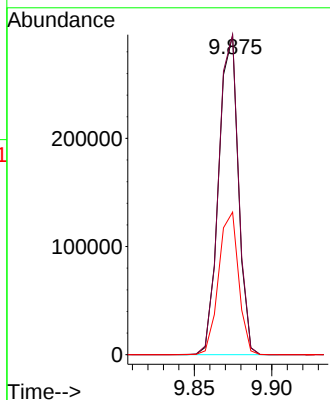
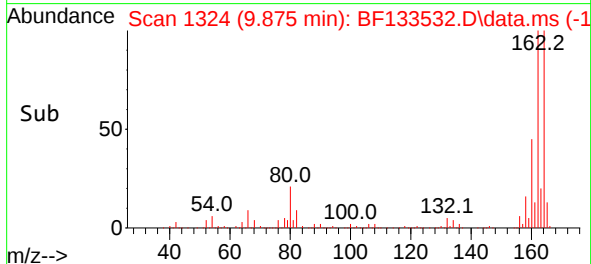


Tgt Ion:164 Resp: 260150
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 44.7 35.4 53.0

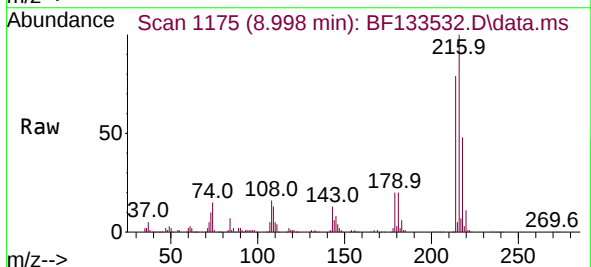
Manual Integrations

APPROVED

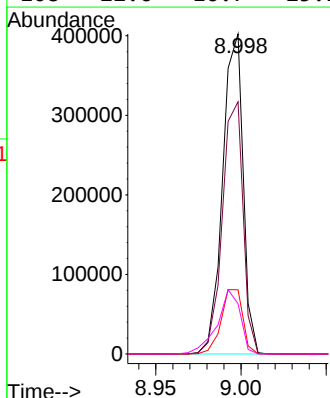
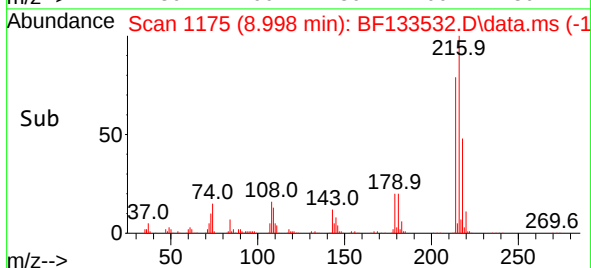
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

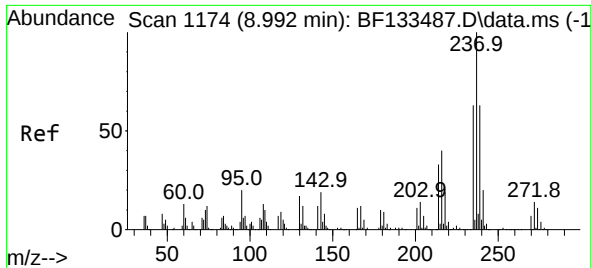


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.618 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



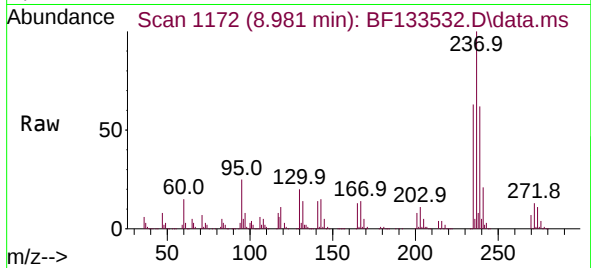
Tgt Ion:216 Resp: 336314
Ion Ratio Lower Upper
216 100
214 79.8 63.2 94.8
179 21.3 17.3 25.9
108 22.6 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 87.703 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

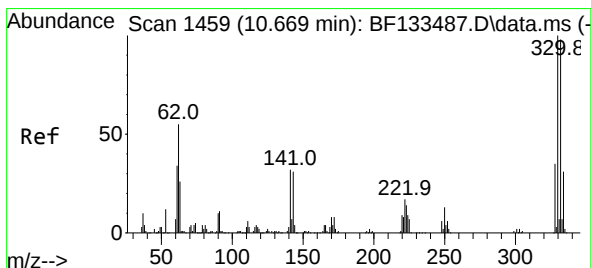
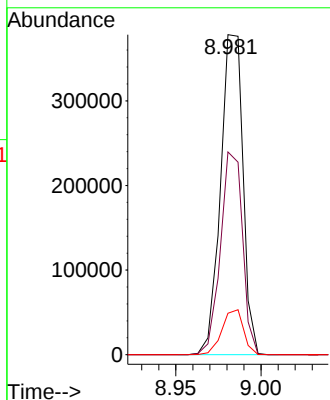
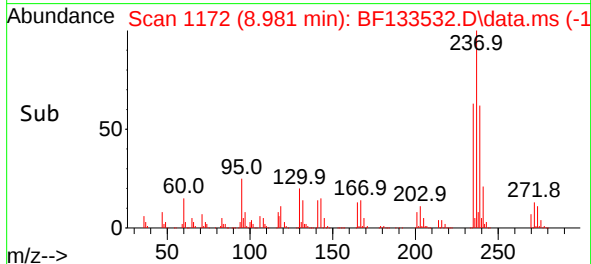
Instrument :
BNA_F
ClientSampleId :
WC25MS



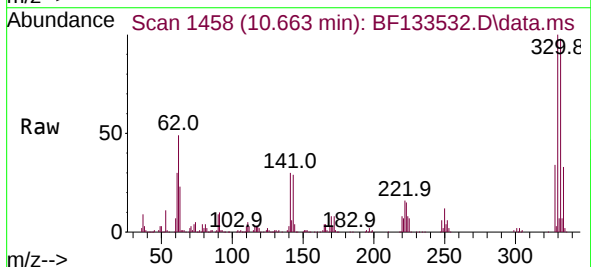
Tgt Ion: 237 Resp: 34654
Ion Ratio Lower Upper
237 100
235 63.3 43.0 83.0
272 12.9 0.0 33.5

Manual Integrations
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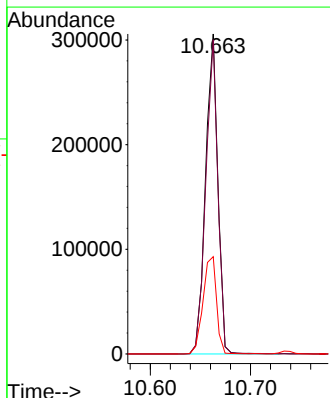
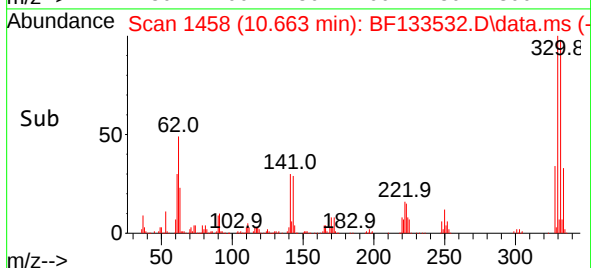
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023

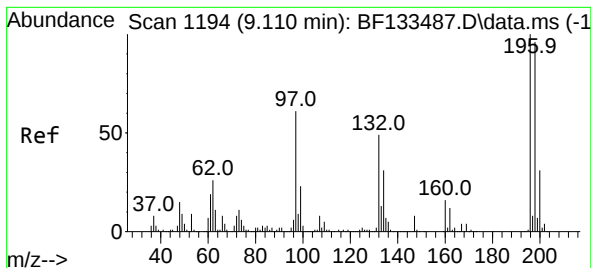


#42
2,4,6-Tribromophenol
Concen: 100.905 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



Tgt Ion: 330 Resp: 261669
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 33.4 26.6 40.0





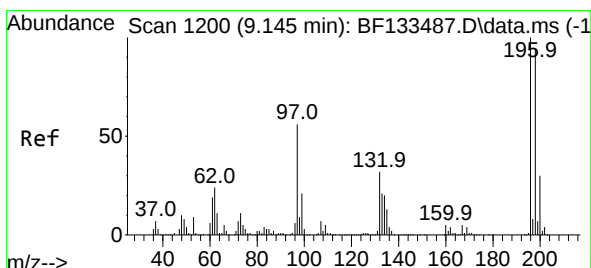
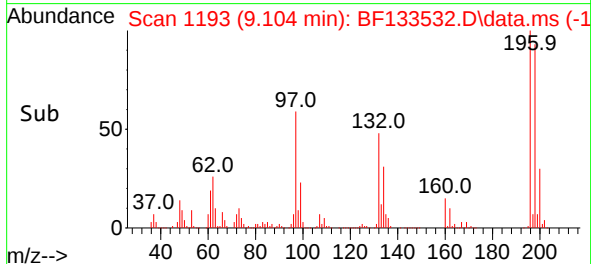
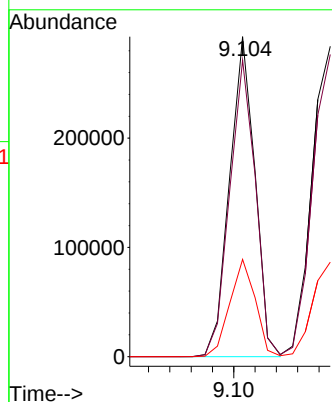
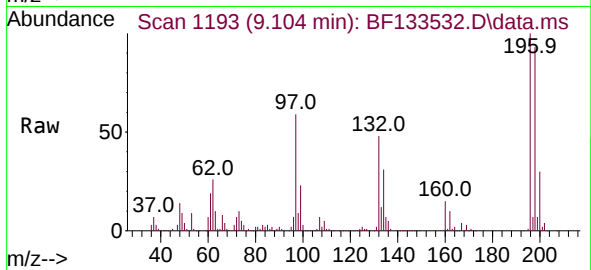
#43
2,4,6-Trichlorophenol
Concen: 48.876 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :
BNA_F
ClientSampleId :
WC25MS

Tgt Ion:196 Resp: 24114
Ion Ratio Lower Upper
196 100
198 92.7 76.6 115.0
200 30.4 24.6 37.0

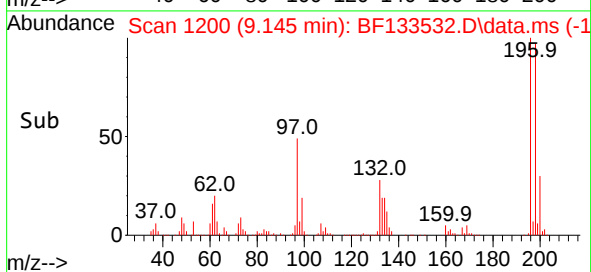
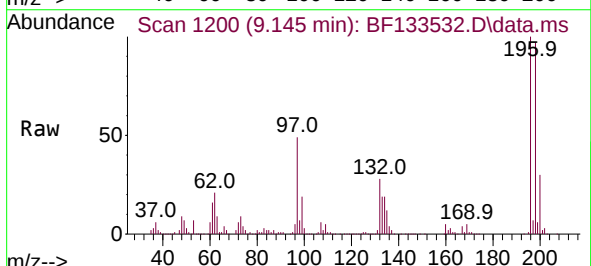
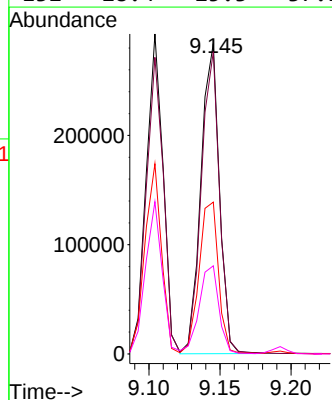
Manual Integrations
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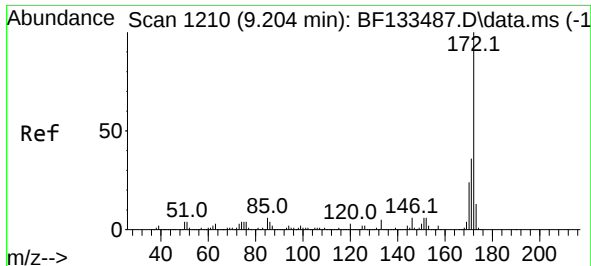
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#44
2,4,5-Trichlorophenol
Concen: 45.069 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion:196 Resp: 258099
Ion Ratio Lower Upper
196 100
198 97.4 75.3 112.9
97 48.9 44.9 67.3
132 28.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 62.442 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:172 Resp: 1052469

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

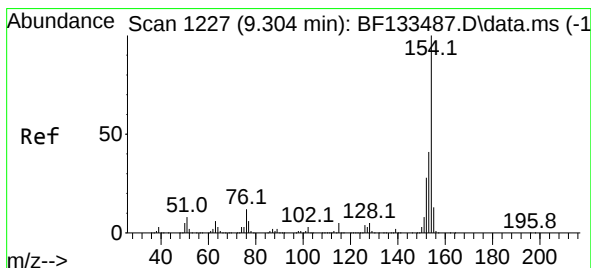
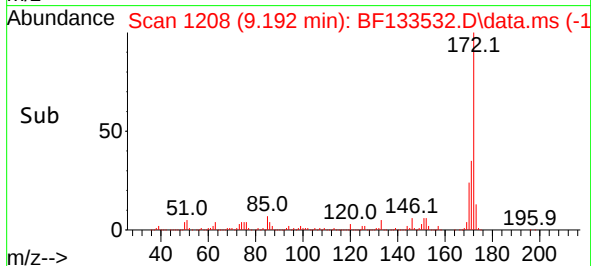
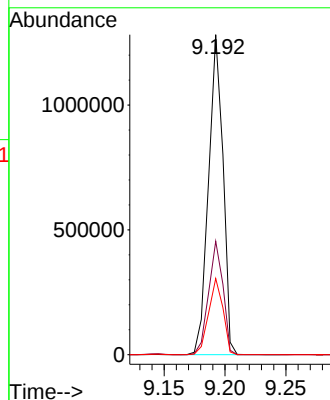
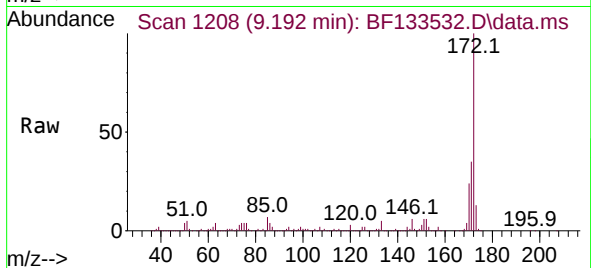
170 23.8 19.3 28.9

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APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#46

1,1'-Biphenyl

Concen: 44.681 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

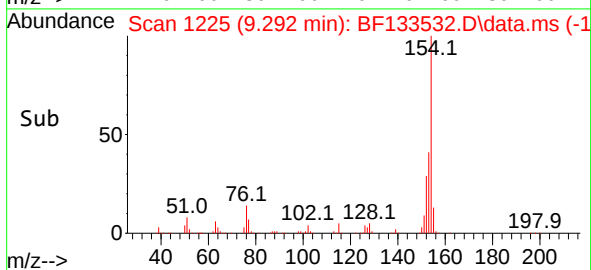
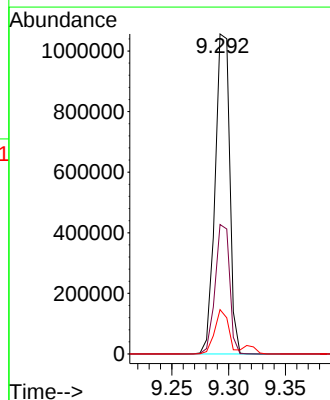
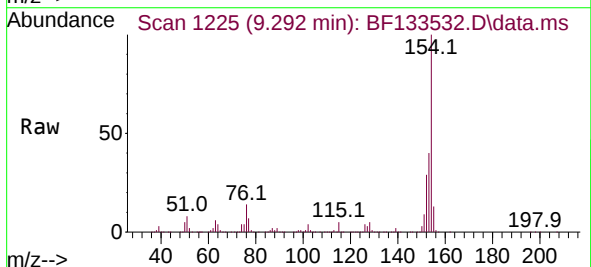
Tgt Ion:154 Resp: 944385

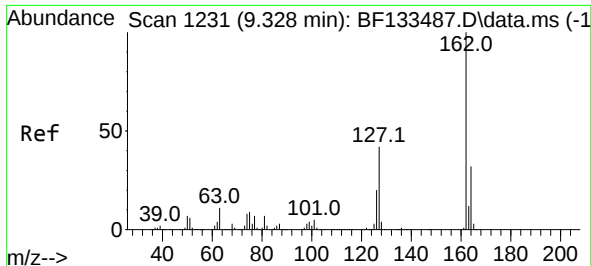
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

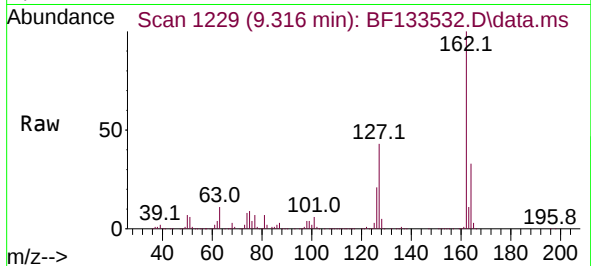
76 13.8 0.0 32.5





#47
2-Chloronaphthalene
Concen: 45.606 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

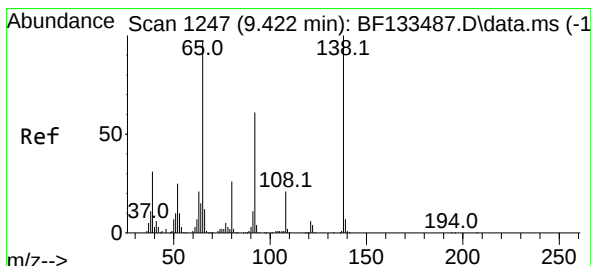
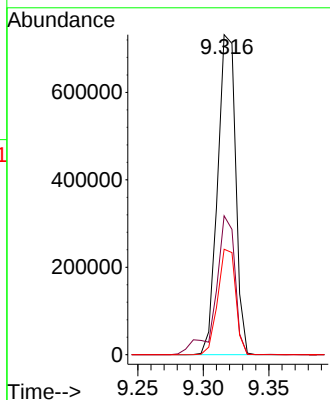
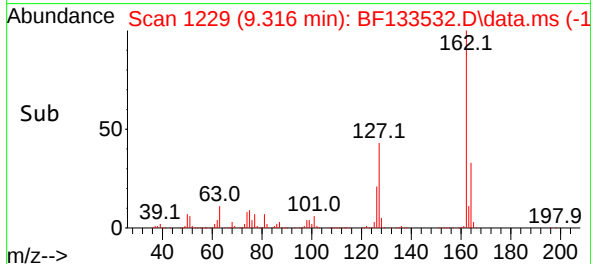
Instrument :
BNA_F
ClientSampleId :
WC25MS



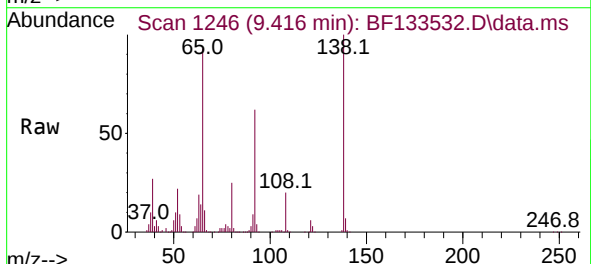
Tgt Ion:162 Resp: 69859
Ion Ratio Lower Upper
162 100
127 43.4 33.2 49.8
164 33.0 26.0 39.0

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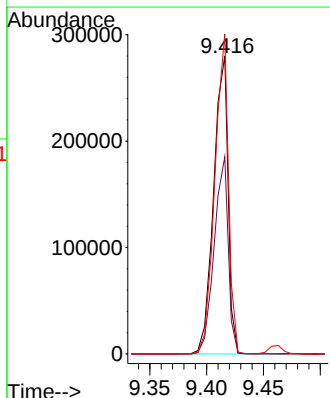
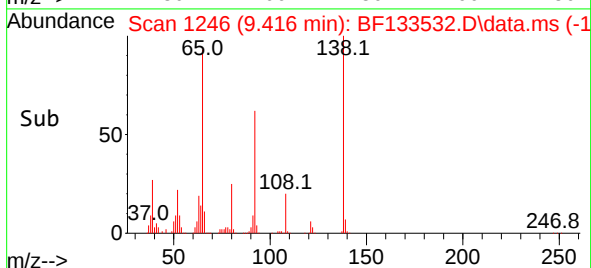
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

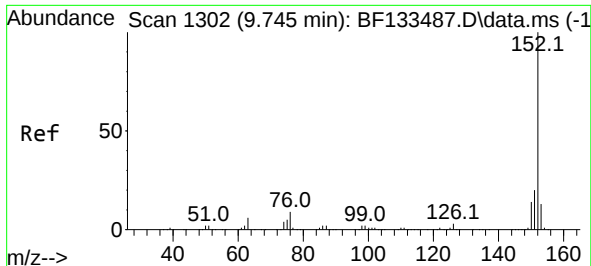


#48
2-Nitroaniline
Concen: 50.049 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



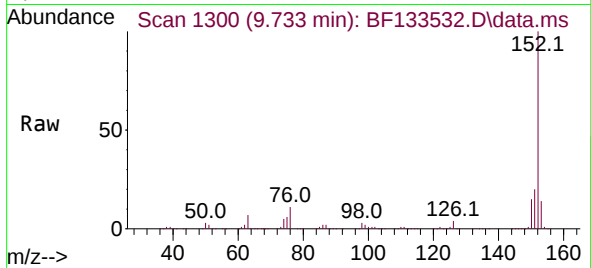
Tgt Ion: 65 Resp: 247058
Ion Ratio Lower Upper
65 100
92 66.1 50.8 76.2
138 107.3 82.6 124.0





#49
Acenaphthylene
Concen: 44.224 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

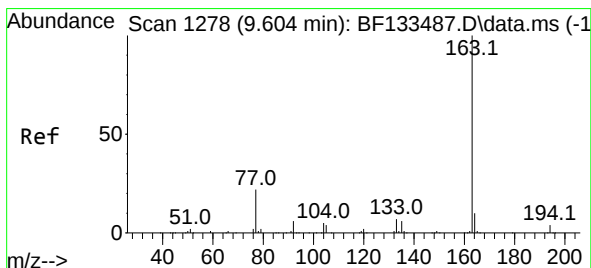
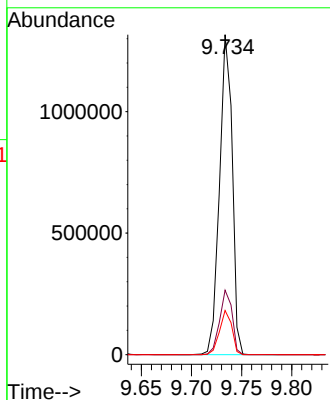
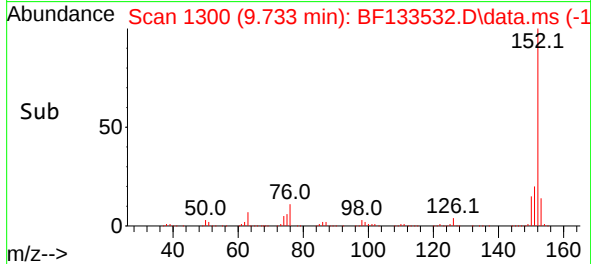
Instrument :
BNA_F
ClientSampleId :
WC25MS



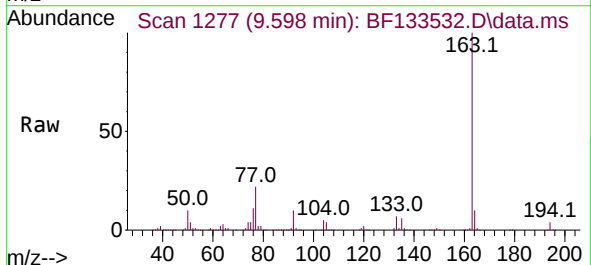
Tgt Ion:152 Resp: 1156034
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.8 10.4 15.6

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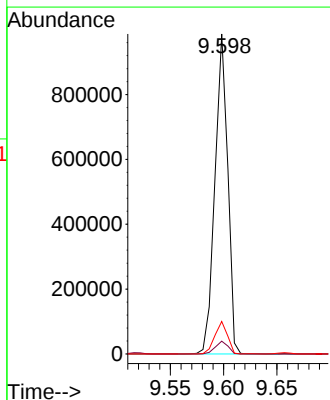
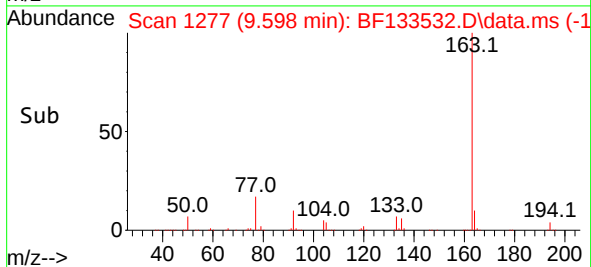
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

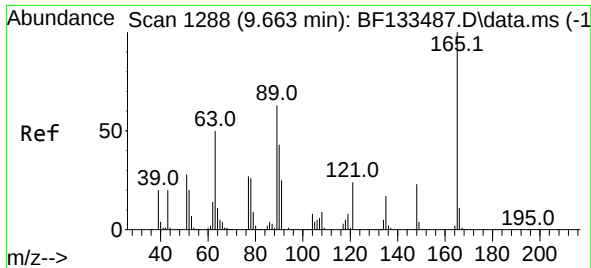


#50
Dimethylphthalate
Concen: 45.048 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



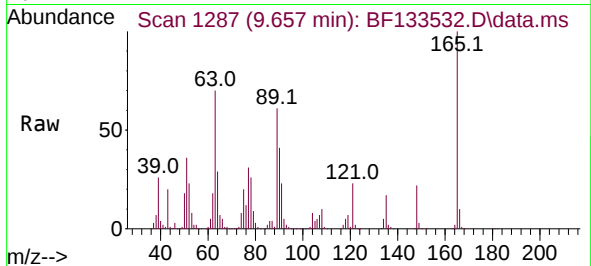
Tgt Ion:163 Resp: 823678
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.586 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

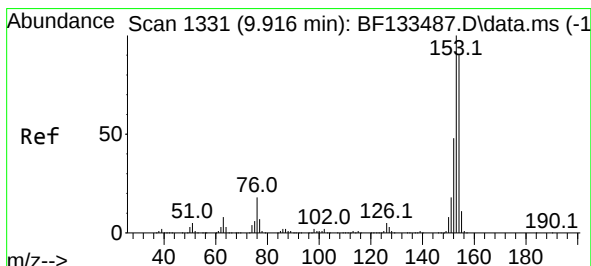
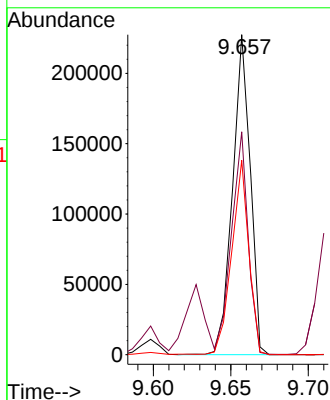
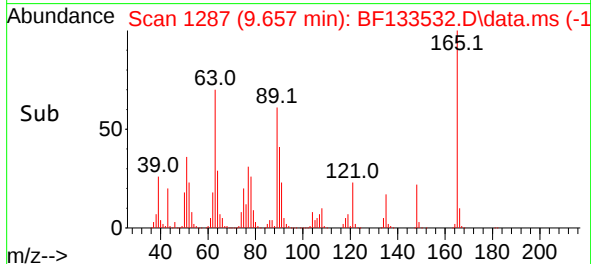
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:165 Resp: 180370
Ion Ratio Lower Upper
165 100
63 69.7 57.0 85.4
89 60.7 50.8 76.2

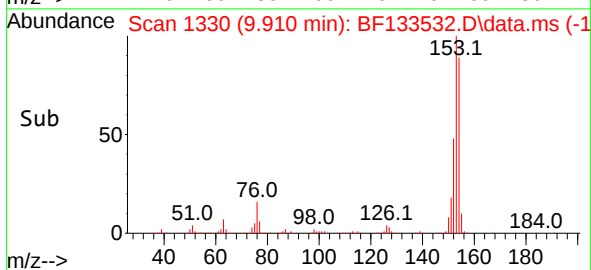
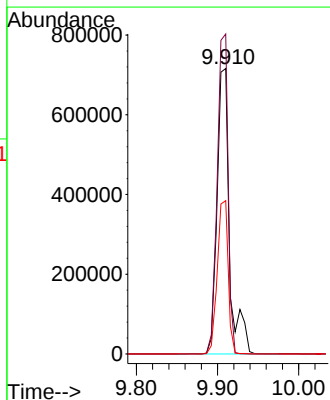
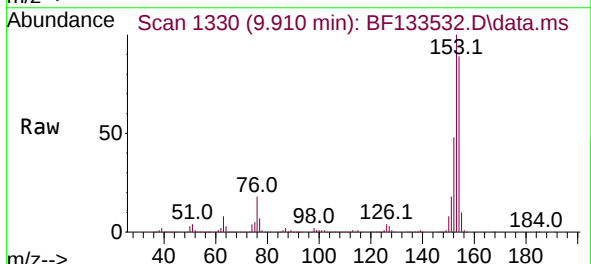
Manual Integrations
APPROVED

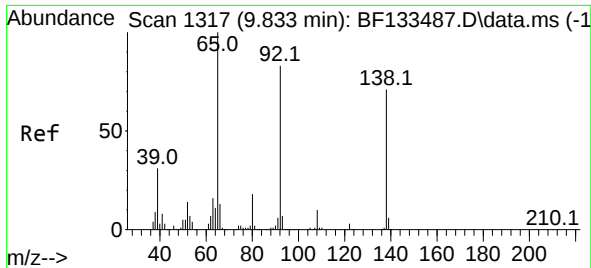
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#52
Acenaphthene
Concen: 48.281 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

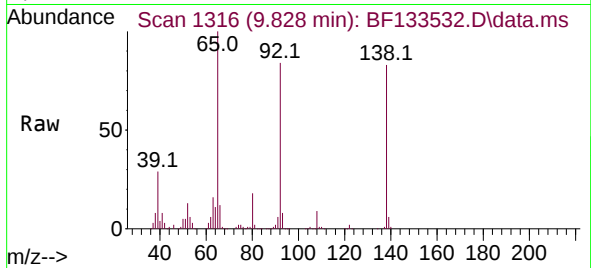
Tgt Ion:154 Resp: 764521
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.7 43.1 64.7





#53
3-Nitroaniline
Concen: 39.395 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

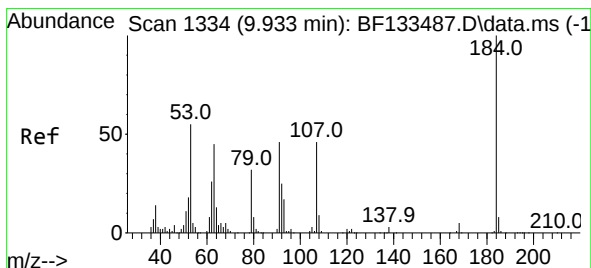
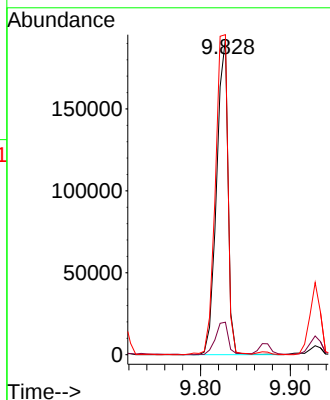
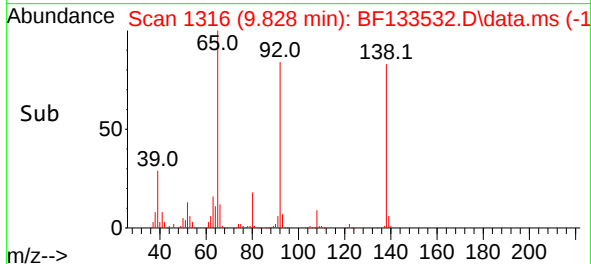
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:138 Resp: 16903
Ion Ratio Lower Upper
138 100
108 10.3 11.9 17.9
92 101.4 93.1 139.7

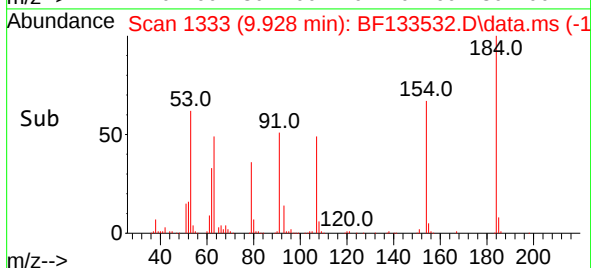
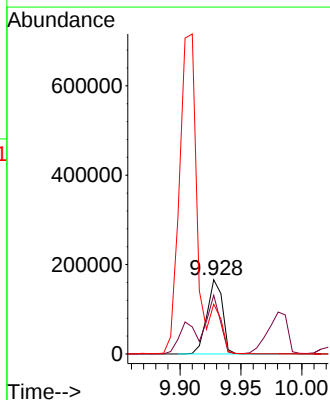
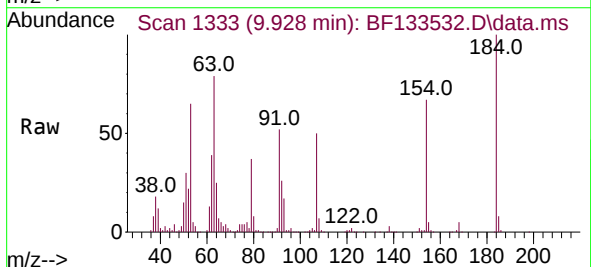
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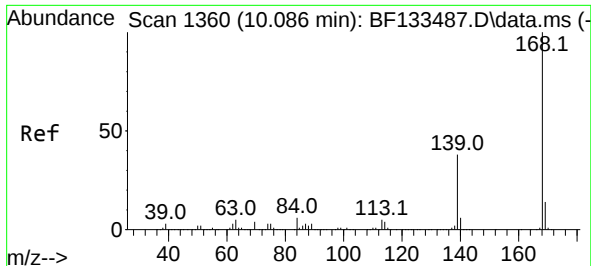
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#54
2,4-Dinitrophenol
Concen: 82.436 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

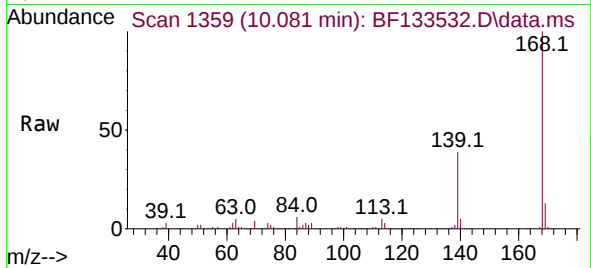
Tgt Ion:184 Resp: 147269
Ion Ratio Lower Upper
184 100
63 79.2 55.7 83.5
154 67.1 49.3 73.9





#55
Dibenzofuran
Concen: 43.914 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

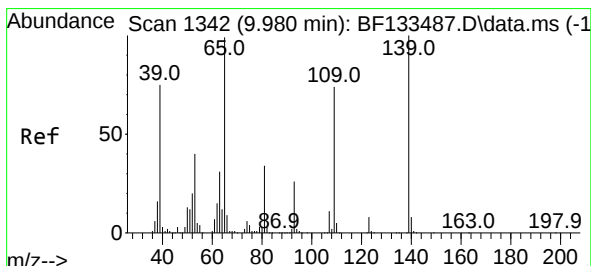
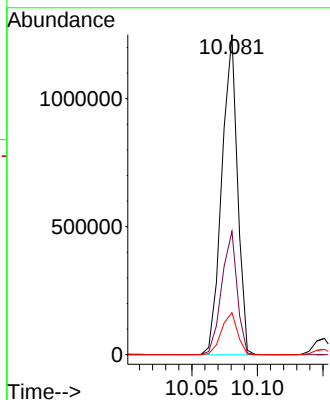
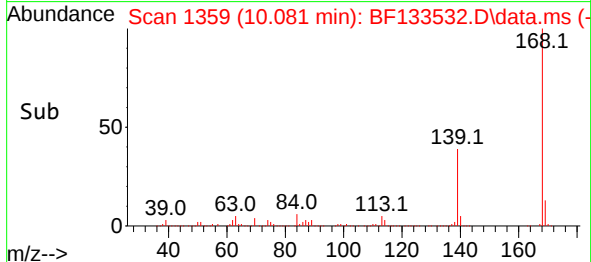
Instrument :
BNA_F
ClientSampleId :
WC25MS



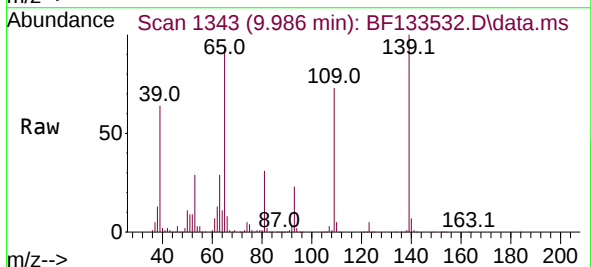
Tgt Ion:168 Resp: 1034554
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.2 10.9 16.3

Manual Integrations
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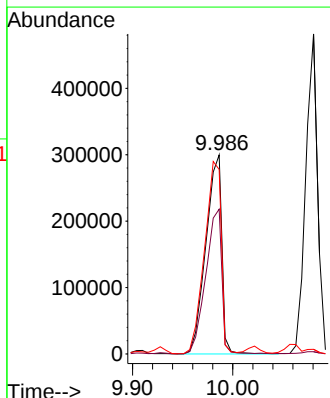
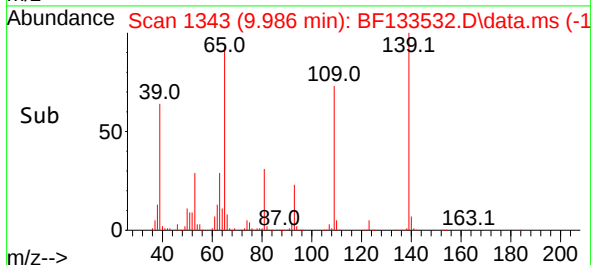
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

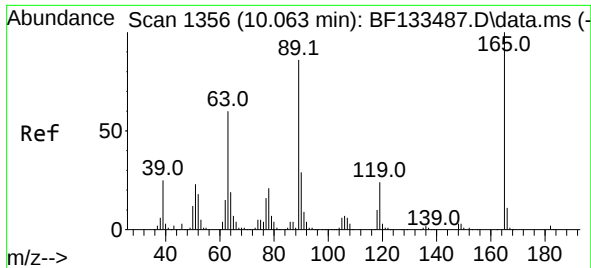


#56
4-Nitrophenol
Concen: 105.955 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



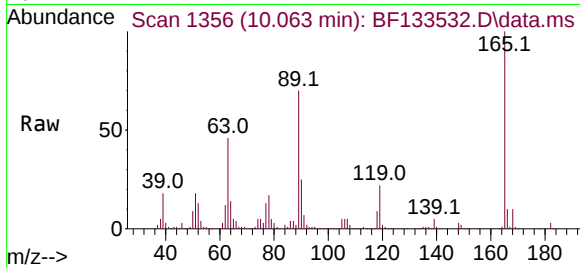
Tgt Ion:139 Resp: 331453
Ion Ratio Lower Upper
139 100
109 72.8 54.5 94.5
65 92.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 53.517 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

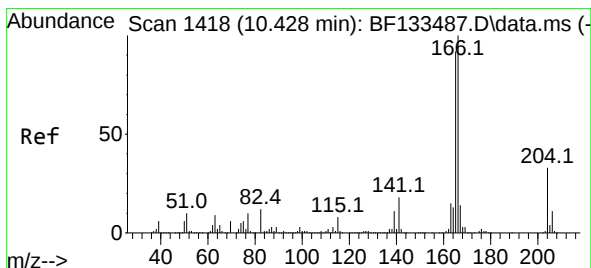
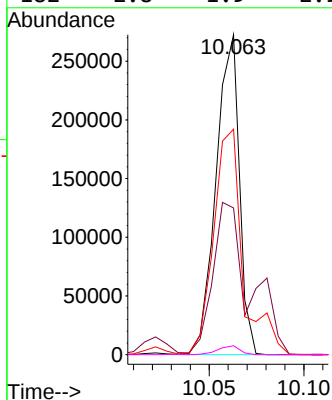
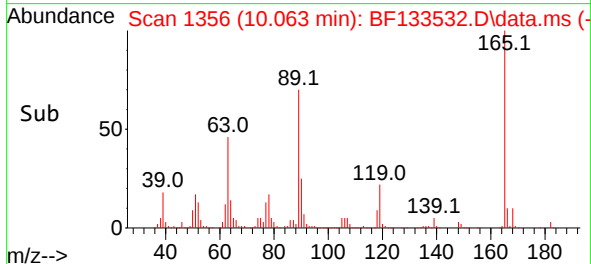
Instrument :
BNA_F
ClientSampleId :
WC25MS



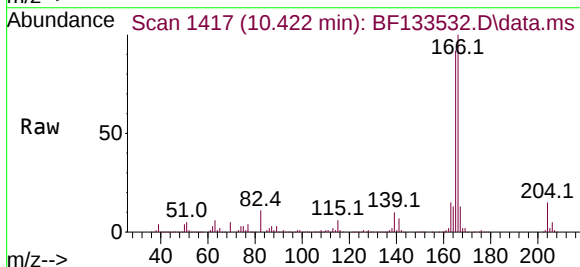
Tgt Ion:165 Resp: 23352
Ion Ratio Lower Upper
165 100
63 45.8 48.1 72.1
89 70.5 68.4 102.6
182 2.8 1.9 2.9

Manual Integrations
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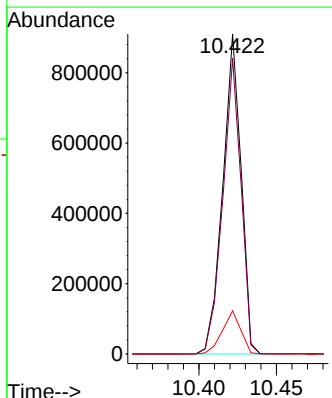
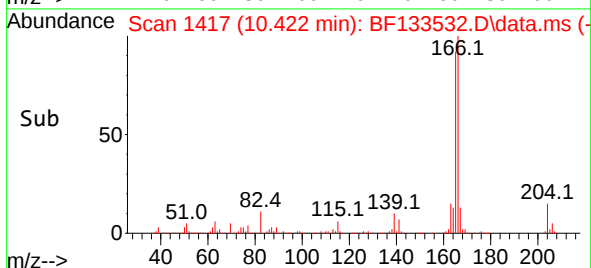
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

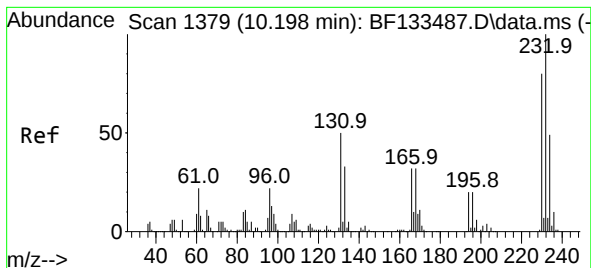


#58
Fluorene
Concen: 43.348 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



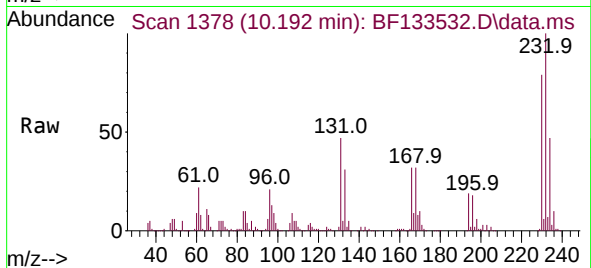
Tgt Ion:166 Resp: 748193
Ion Ratio Lower Upper
166 100
165 92.4 73.4 110.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.241 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

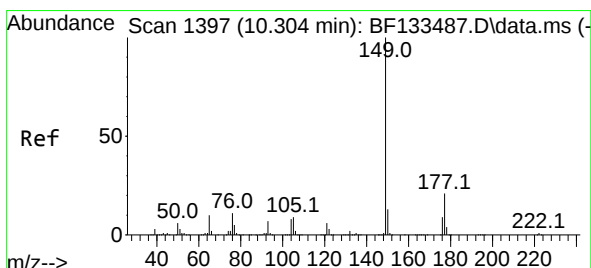
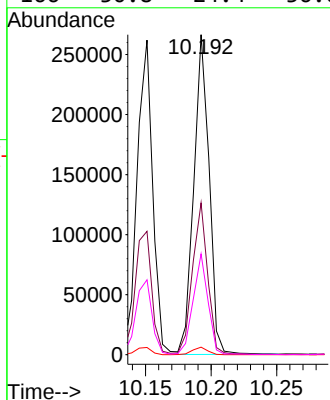
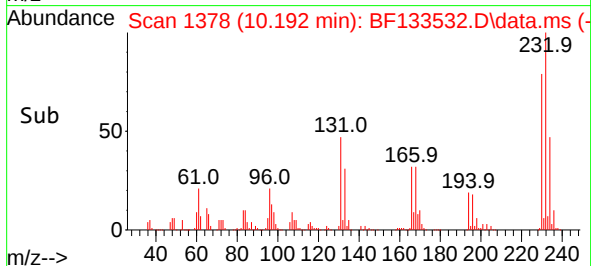
Instrument :
BNA_F
ClientSampleId :
WC25MS



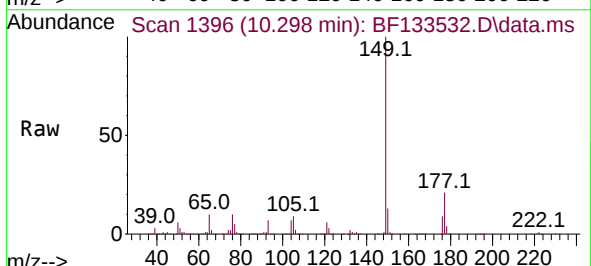
Tgt Ion:232 Resp: 21668
Ion Ratio Lower Upper
232 100
131 47.2 37.9 56.9
130 2.3 1.8 2.6
166 30.8 24.4 36.6

Manual Integrations
APPROVED

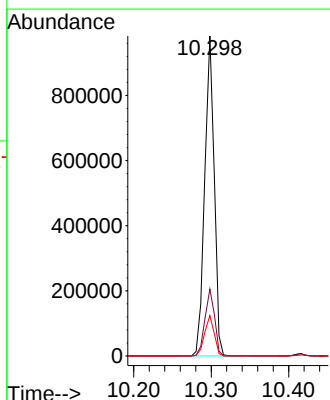
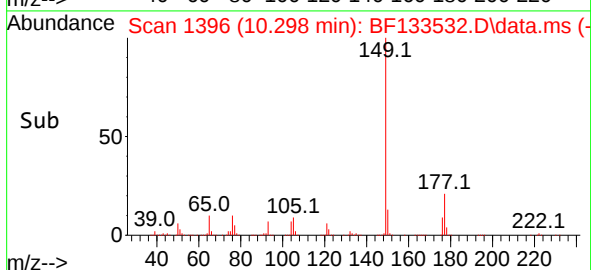
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

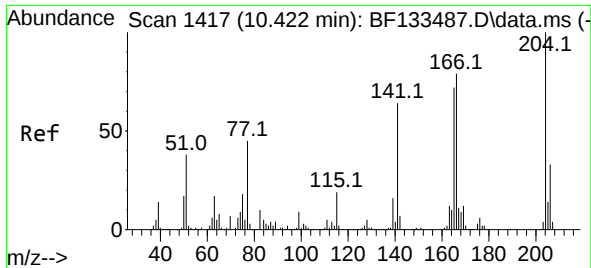


#60
Diethylphthalate
Concen: 44.134 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



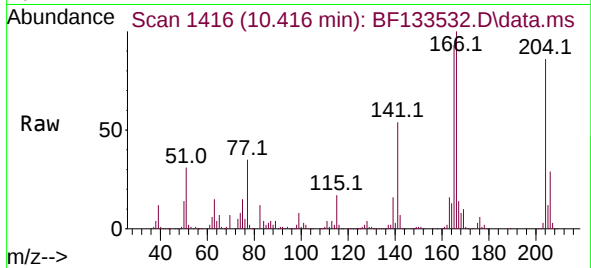
Tgt Ion:149 Resp: 837693
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.000 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

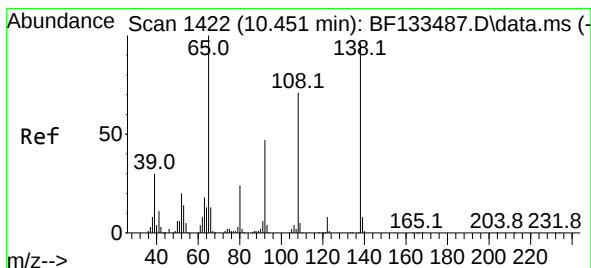
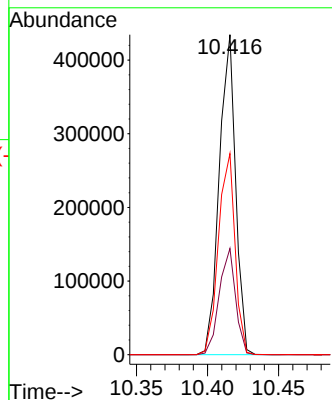
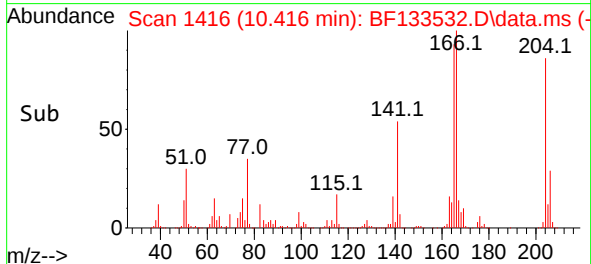
Instrument :
BNA_F
ClientSampleId :
WC25MS



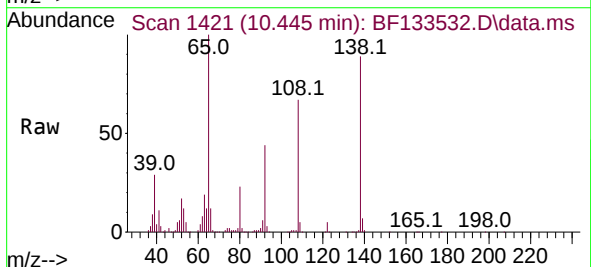
Tgt Ion:204 Resp: 348085
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 62.9 51.4 77.2

Manual Integrations
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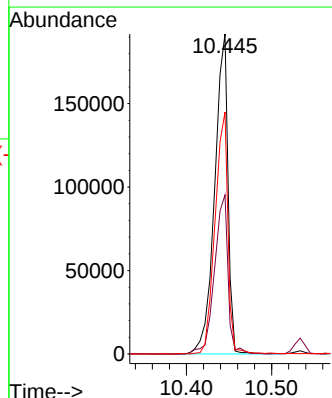
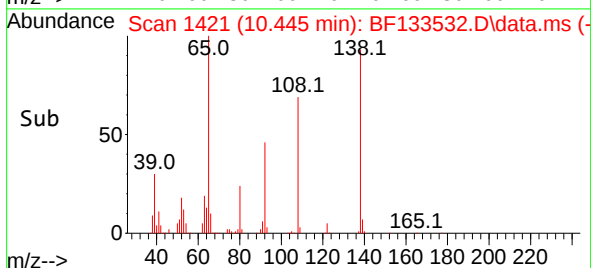
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

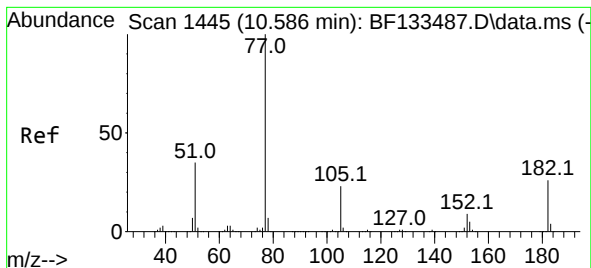


#62
4-Nitroaniline
Concen: 47.460 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



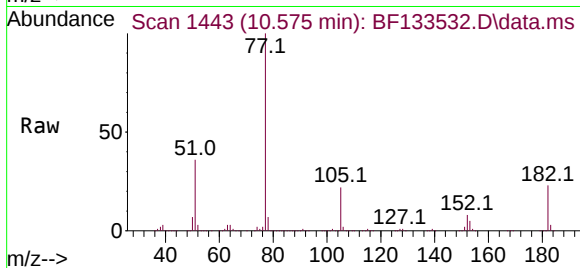
Tgt Ion:138 Resp: 208274
Ion Ratio Lower Upper
138 100
92 49.7 28.4 68.4
108 75.6 54.2 94.2





#63
Azobenzene
Concen: 45.489 ng
RT: 10.575 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

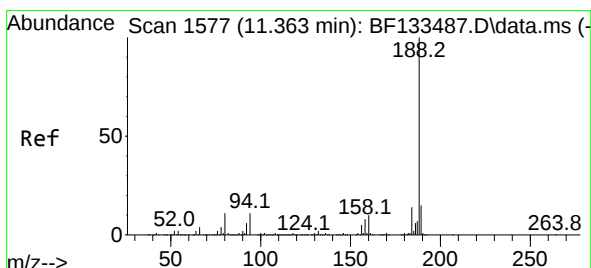
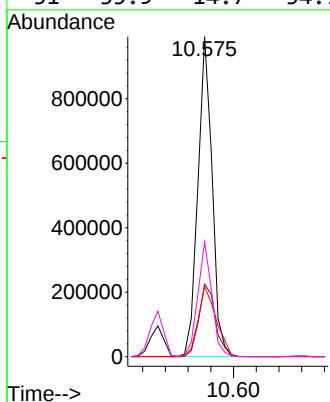
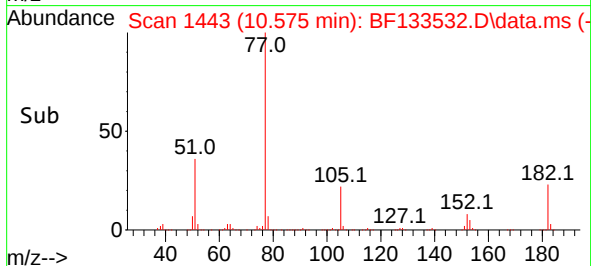
Instrument :
BNA_F
ClientSampleId :
WC25MS



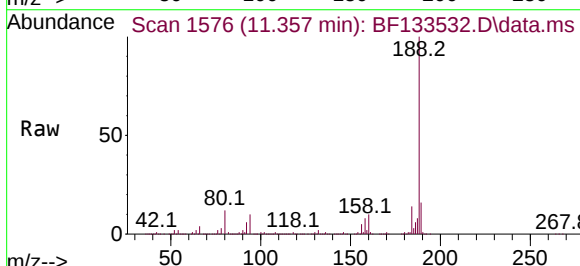
Tgt Ion: 77 Resp: 864280
Ion Ratio Lower Upper
77 100
182 22.6 5.6 45.6
105 21.9 2.6 42.6
51 35.9 14.7 54.7

Manual Integrations
APPROVED

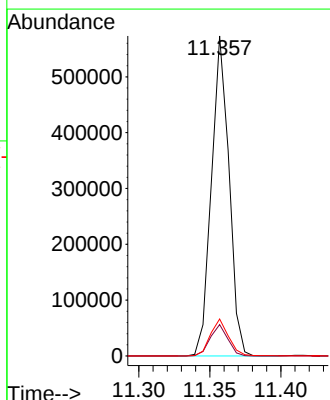
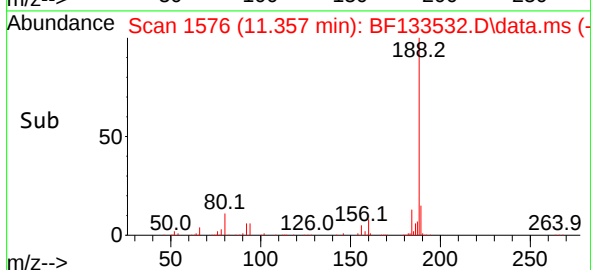
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

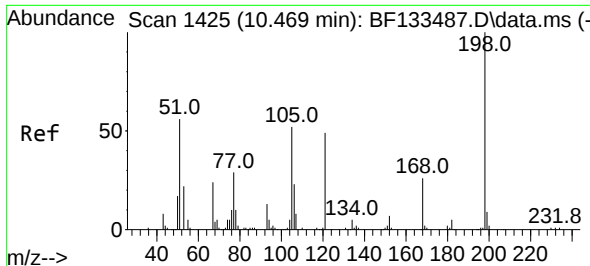


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



Tgt Ion:188 Resp: 492920
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 11.6 9.2 13.8





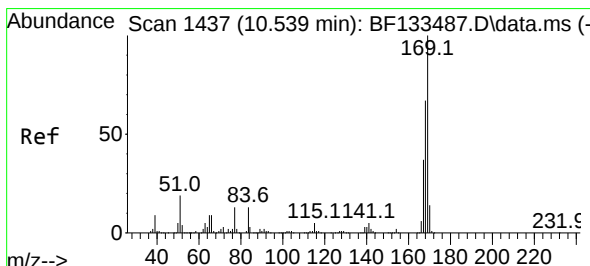
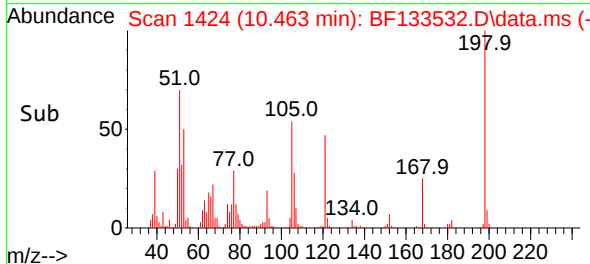
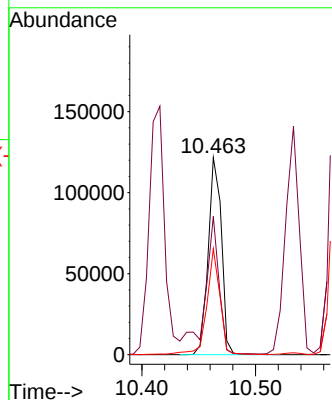
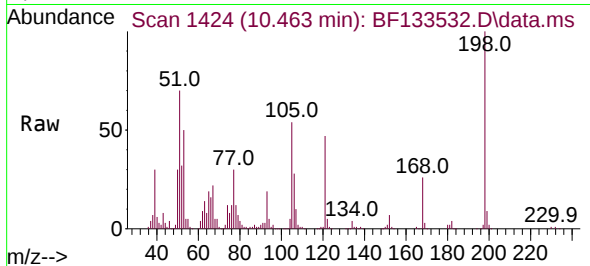
#65
4,6-Dinitro-2-methylphenol
Concen: 48.584 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :
BNA_F
ClientSampleId :
WC25MS

Tgt Ion:198 Resp: 98192
Ion Ratio Lower Upper
198 100
51 70.1 53.6 93.6
105 53.7 35.9 75.9

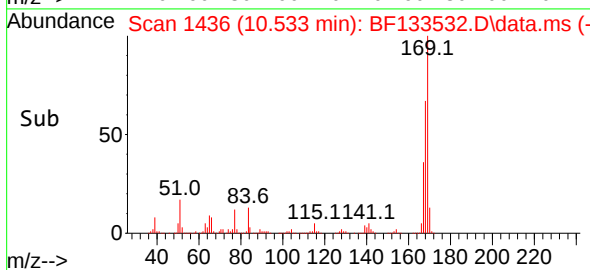
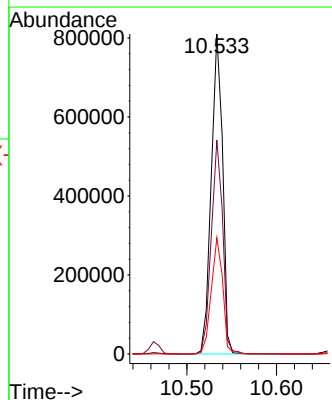
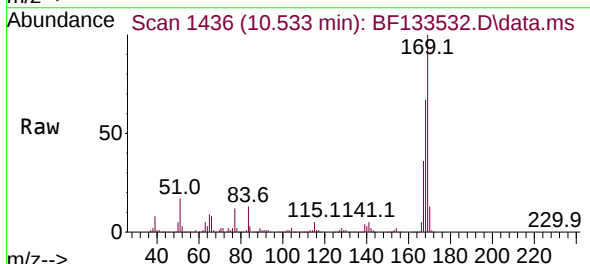
Manual Integrations
APPROVED

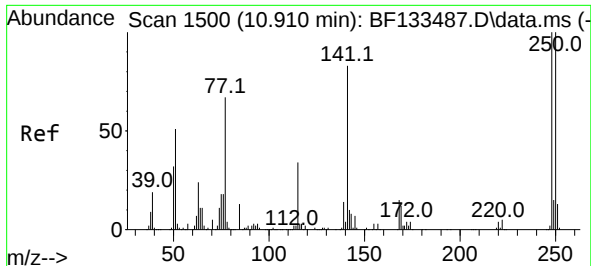
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#66
n-Nitrosodiphenylamine
Concen: 44.302 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

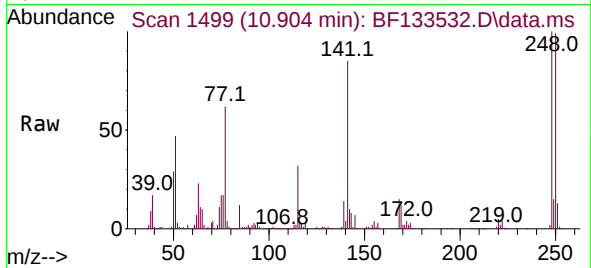
Tgt Ion:169 Resp: 708953
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 43.797 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

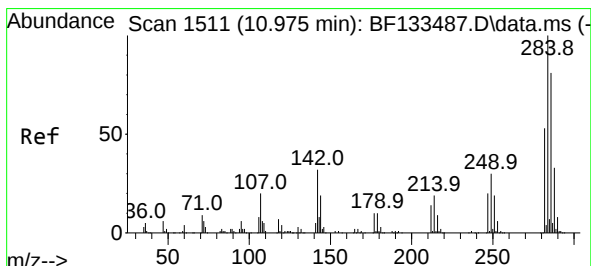
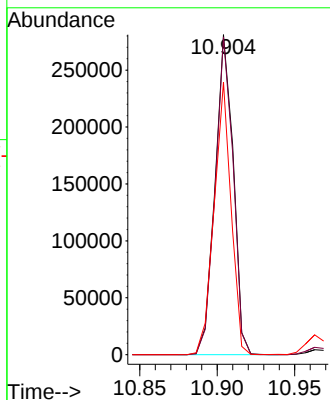
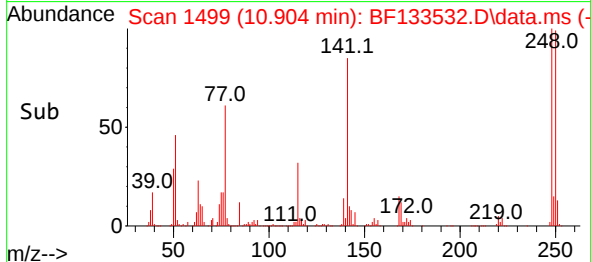
Instrument :
BNA_F
ClientSampleId :
WC25MS



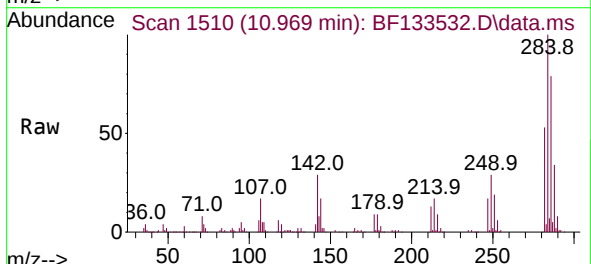
Tgt Ion:248 Resp: 22927
Ion Ratio Lower Upper
248 100
250 99.3 79.7 119.5
141 85.2 66.6 100.0

Manual Integrations
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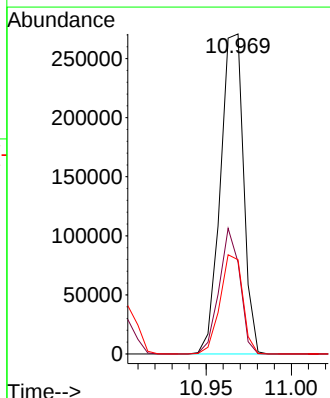
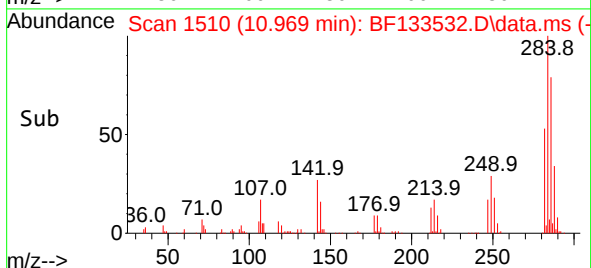
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

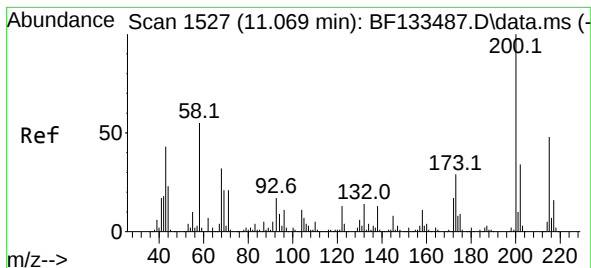


#68
Hexachlorobenzene
Concen: 46.742 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



Tgt Ion:284 Resp: 255873
Ion Ratio Lower Upper
284 100
142 28.6 25.8 38.6
249 29.5 24.4 36.6





#69

Atrazine

Concen: 52.840 ng

RT: 11.063 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:200 Resp: 232010

Ion Ratio Lower Upper

200 100

173 28.9 9.0 49.0

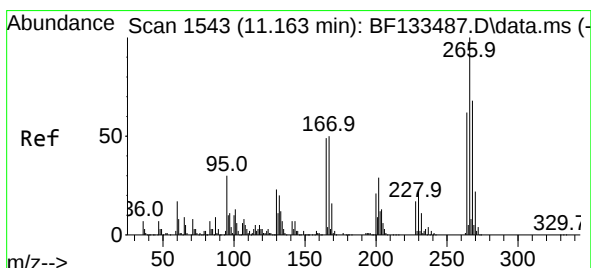
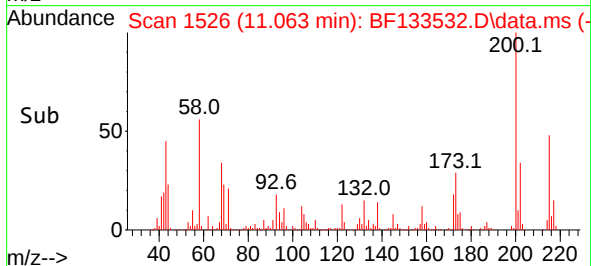
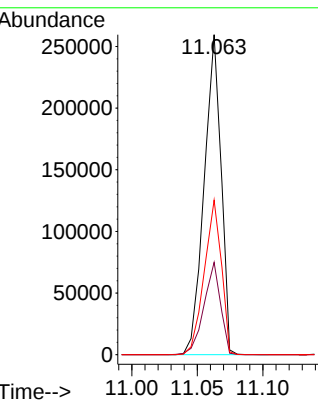
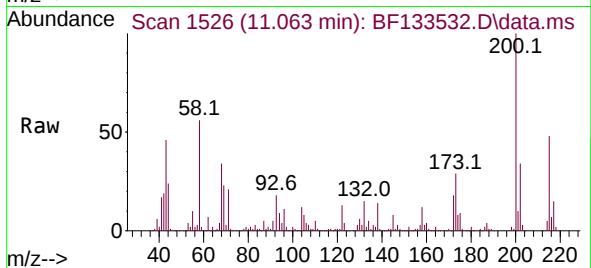
215 48.3 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#70

Pentachlorophenol

Concen: 84.213 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

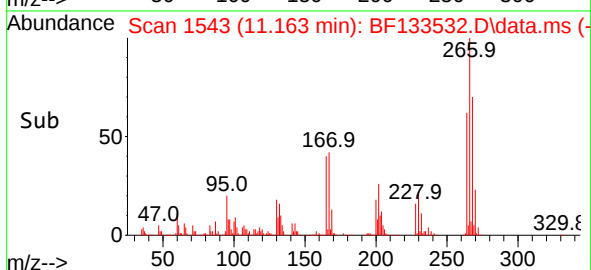
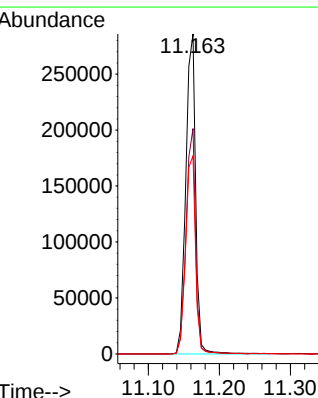
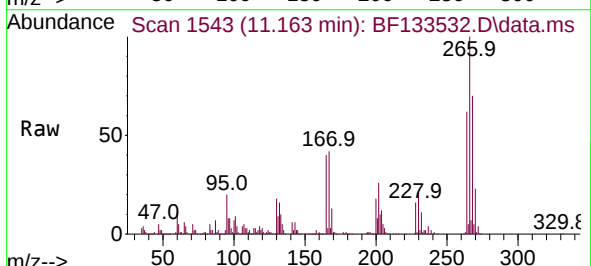
Tgt Ion:266 Resp: 275650

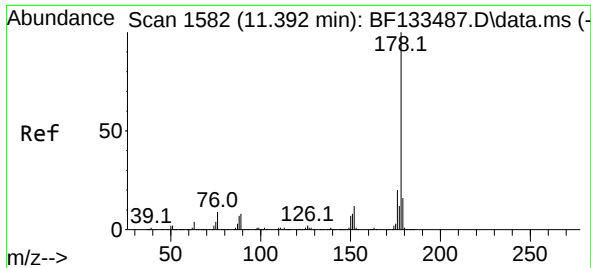
Ion Ratio Lower Upper

266 100

268 70.5 54.6 82.0

264 61.9 49.2 73.8





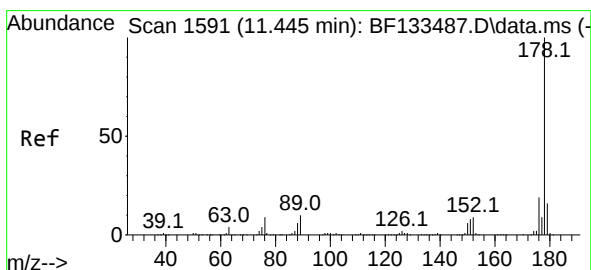
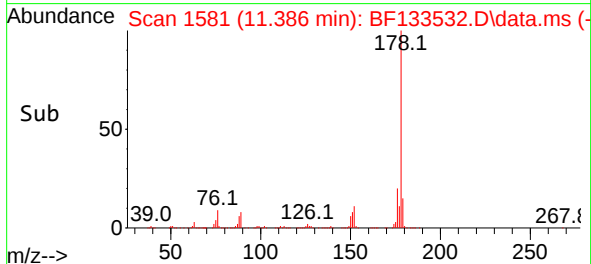
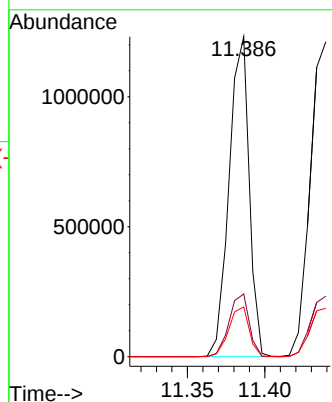
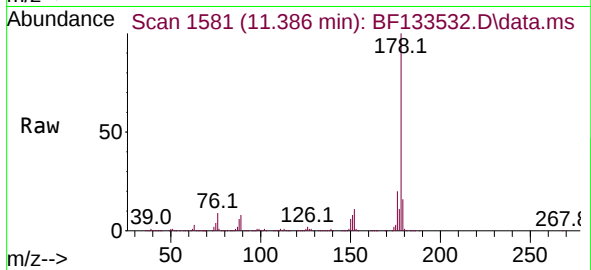
#71
Phenanthrene
Concen: 44.437 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Instrument :
BNA_F
ClientSampleId :
WC25MS

Tgt Ion:178 Resp: 1109425
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.4 18.6

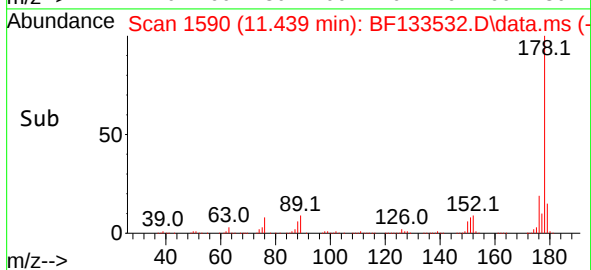
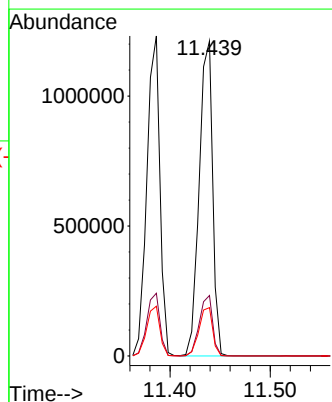
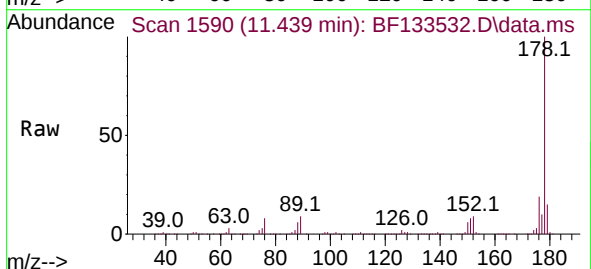
Manual Integrations
APPROVED

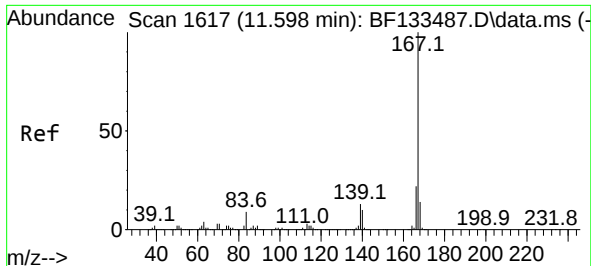
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#72
Anthracene
Concen: 44.076 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

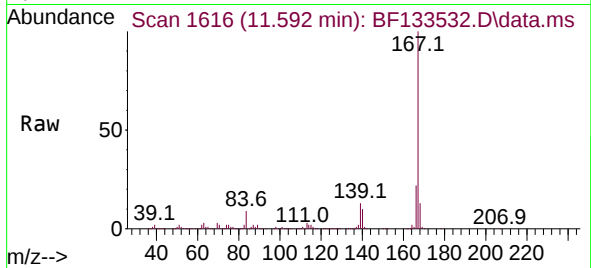
Tgt Ion:178 Resp: 1132533
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 43.778 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133532.D
 Acq: 30 May 2023 20:27

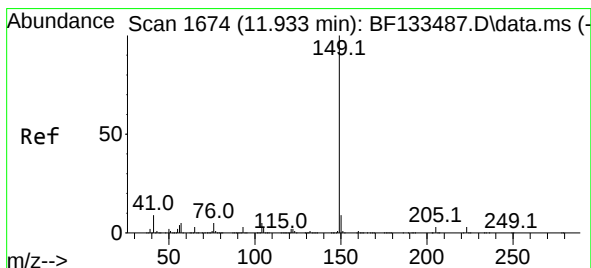
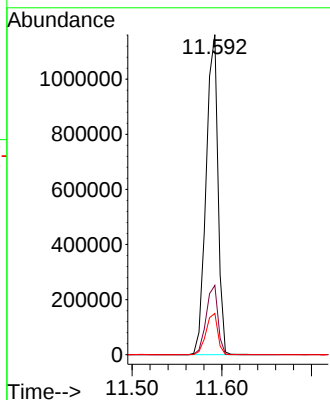
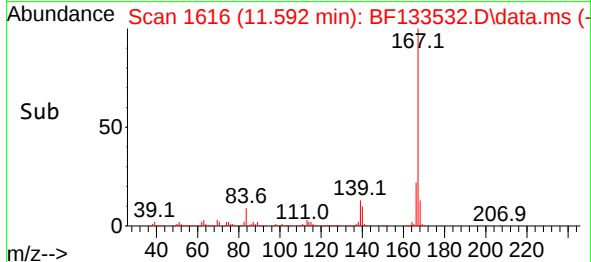
Instrument :
 BNA_F
 ClientSampleId :
 WC25MS



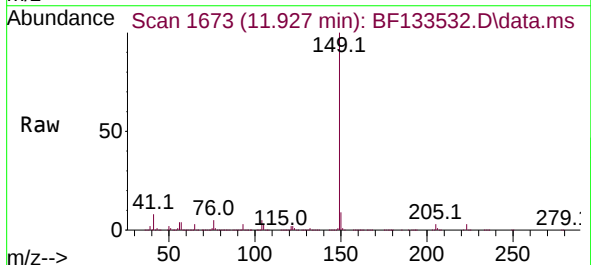
Tgt Ion:167 Resp: 106379
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.9 10.7 16.1

Manual Integrations
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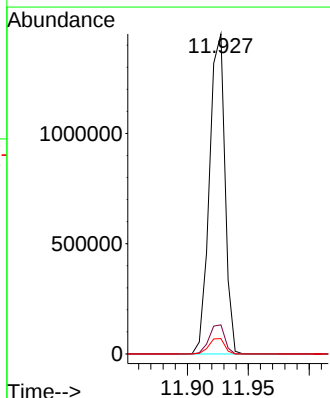
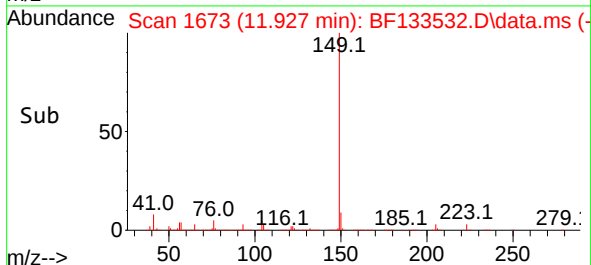
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

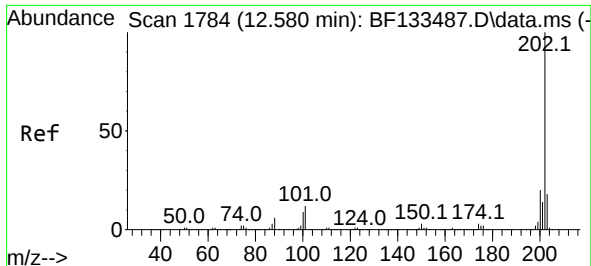


#74
 Di-n-butylphthalate
 Concen: 44.646 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133532.D
 Acq: 30 May 2023 20:27



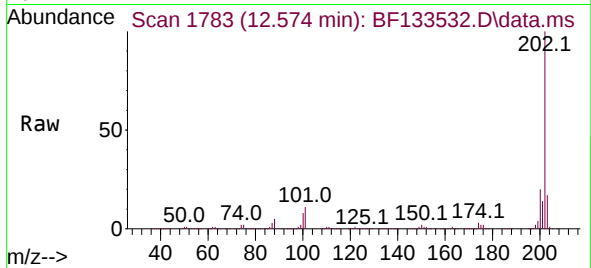
Tgt Ion:149 Resp: 1282843
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 40.078 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

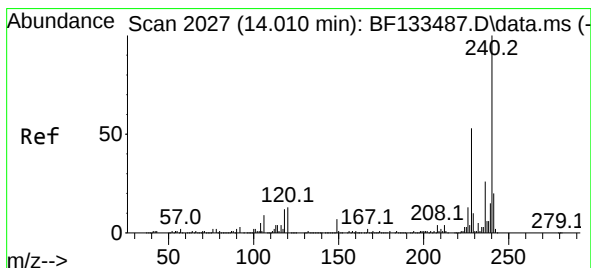
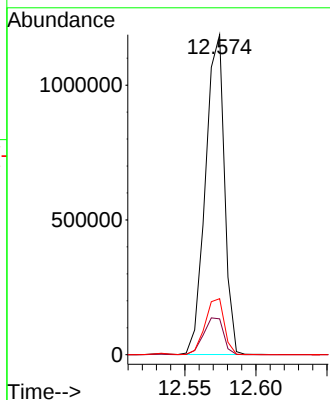
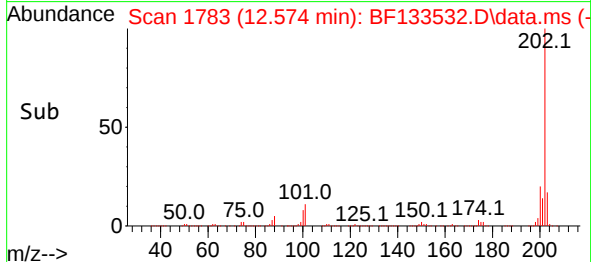
Instrument :
BNA_F
ClientSampleId :
WC25MS



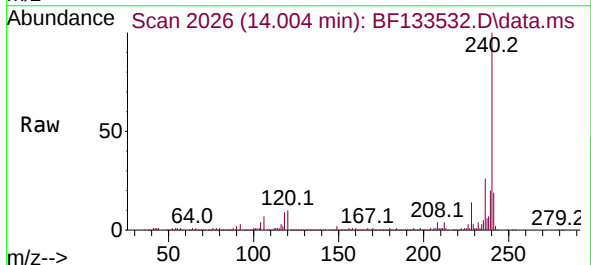
Tgt Ion:202 Resp: 1105238
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.2
203 17.5 0.0 37.8

Manual Integrations
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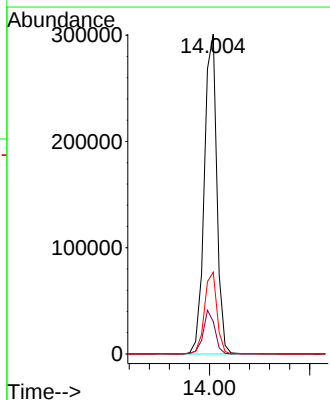
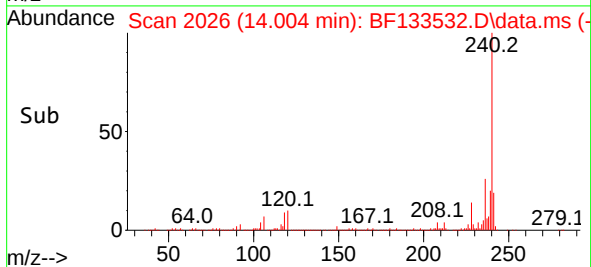
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

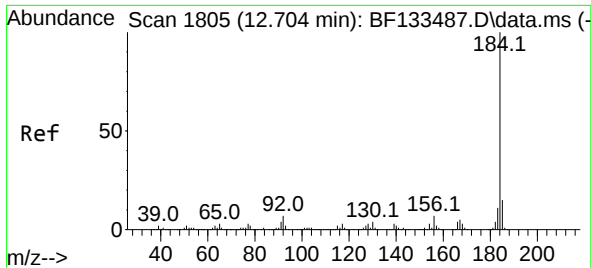


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



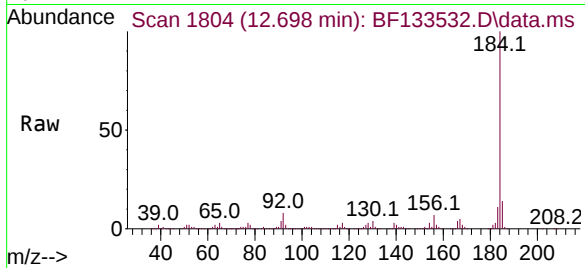
Tgt Ion:240 Resp: 262530
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.6 20.5 30.7





#77
Benzidine
Concen: 76.161 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

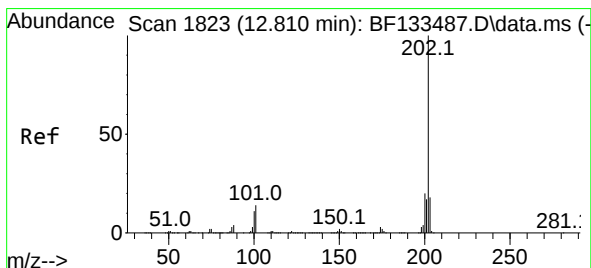
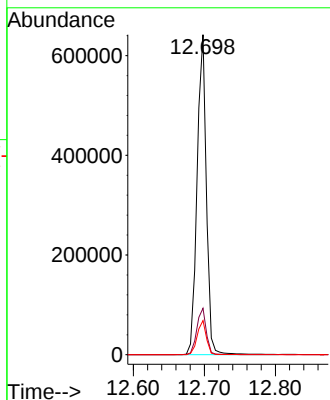
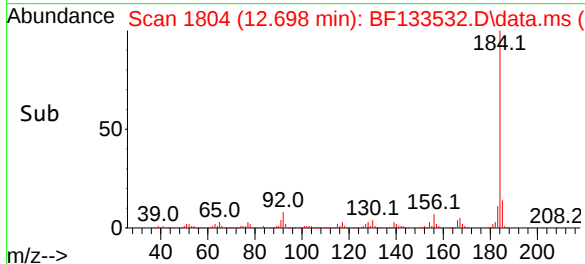
Instrument :
BNA_F
ClientSampleId :
WC25MS



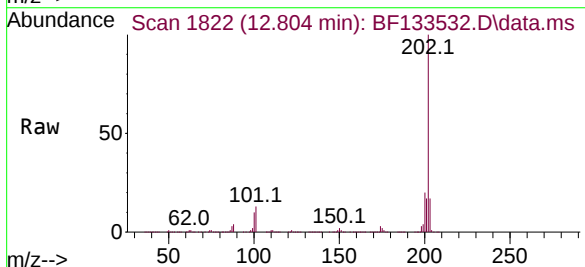
Tgt Ion:184 Resp: 58479
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 10.7 8.7 13.1

Manual Integrations
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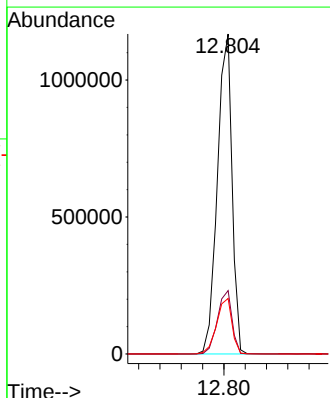
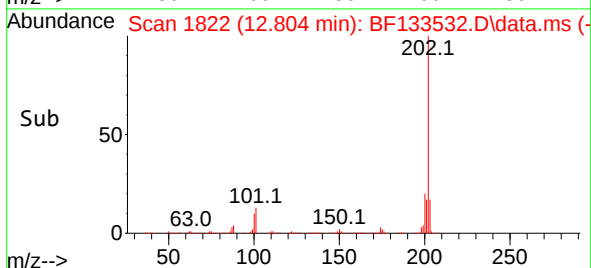
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

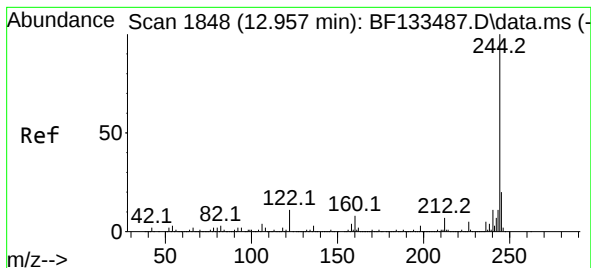


#78
Pyrene
Concen: 49.640 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



Tgt Ion:202 Resp: 1108963
Ion Ratio Lower Upper
202 100
200 19.8 16.3 24.5
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 70.593 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF133532.D

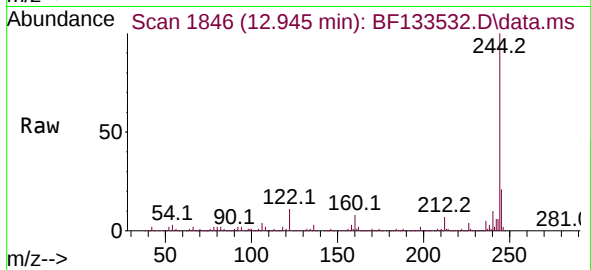
Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS



Tgt Ion:244 Resp: 104234

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

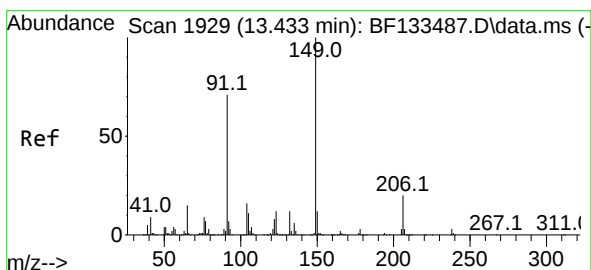
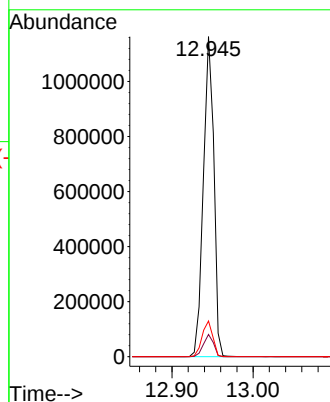
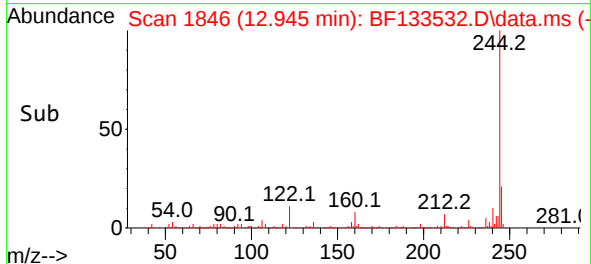
122 11.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#80

Butylbenzylphthalate

Concen: 53.288 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

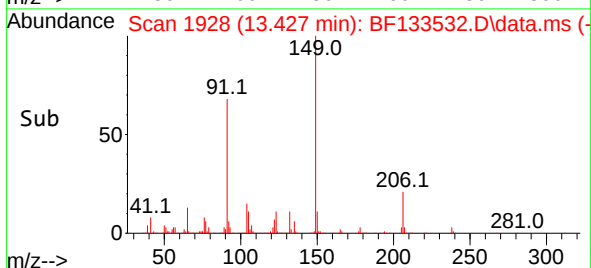
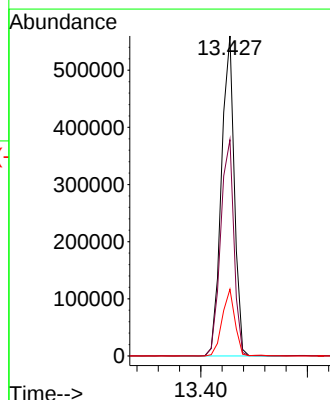
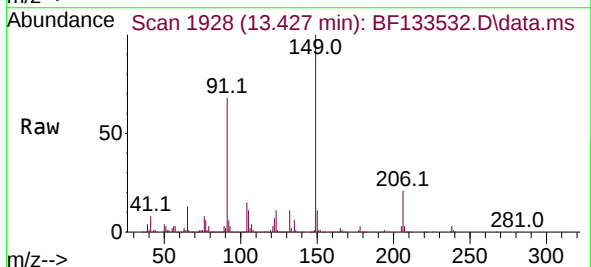
Tgt Ion:149 Resp: 471019

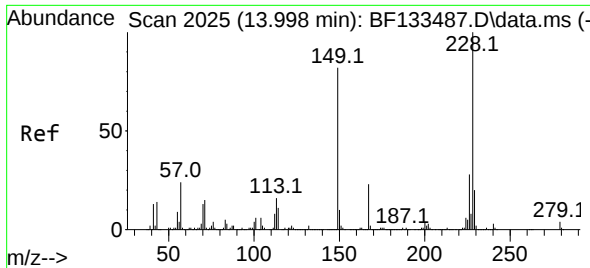
Ion Ratio Lower Upper

149 100

91 67.6 56.9 85.3

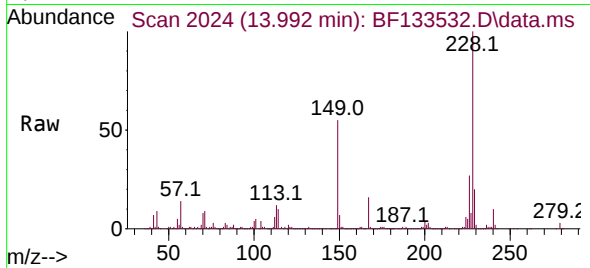
206 20.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.553 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

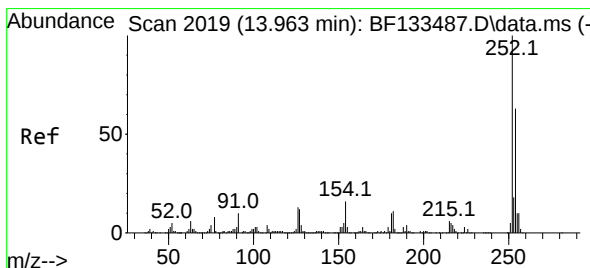
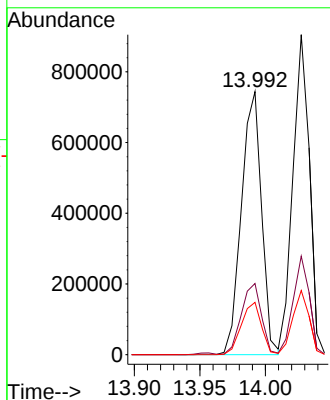
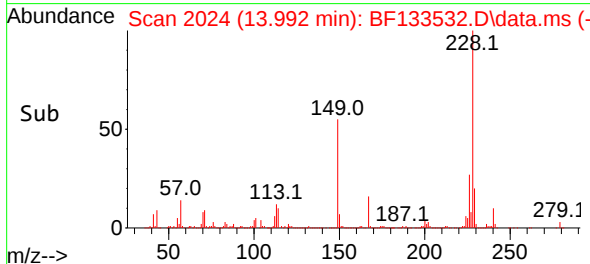
Instrument :
BNA_F
ClientSampleId :
WC25MS



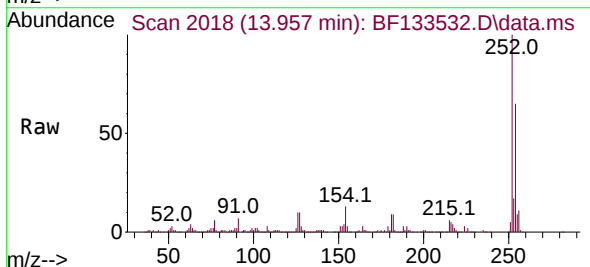
Tgt Ion:228 Resp: 796679
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.9 16.1 24.1

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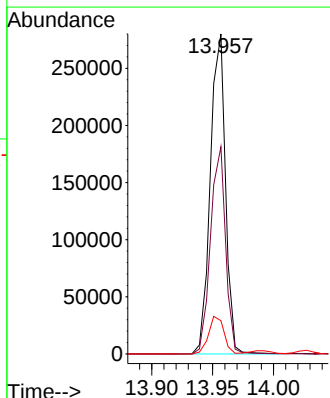
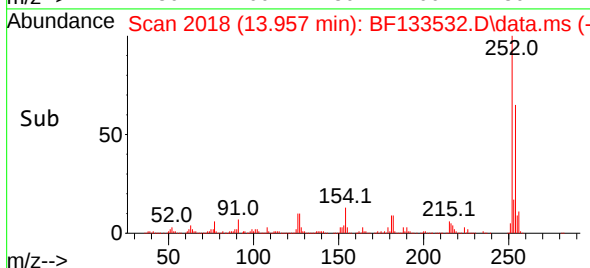
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

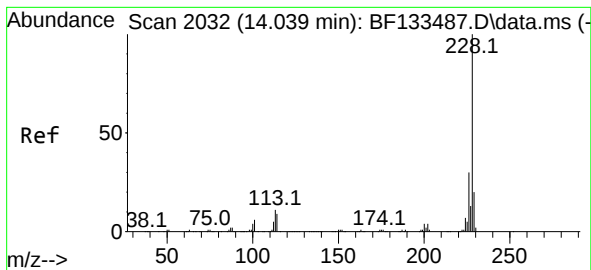


#82
3,3'-Dichlorobenzidine
Concen: 44.317 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27



Tgt Ion:252 Resp: 242290
Ion Ratio Lower Upper
252 100
254 64.8 50.3 75.5
126 10.4 10.5 15.7#





#83

Chrysene

Concen: 44.959 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:228 Resp: 793762

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

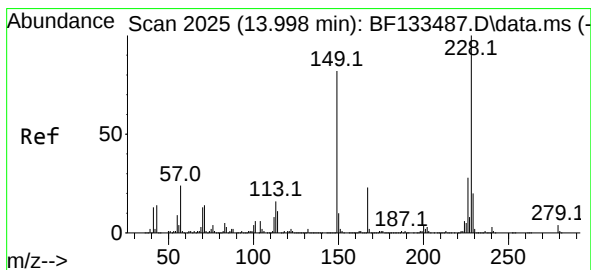
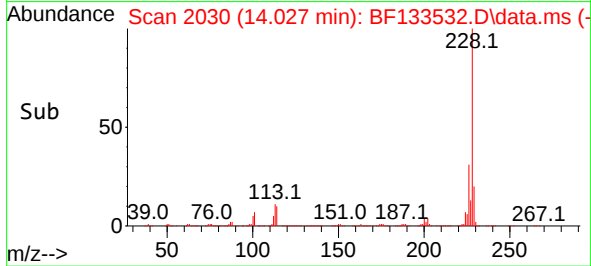
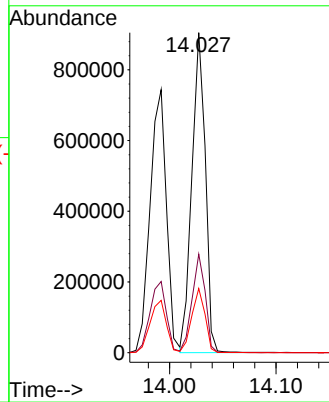
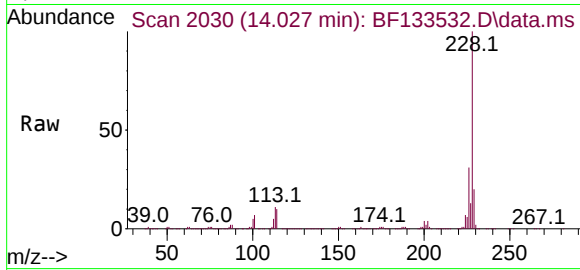
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.988 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

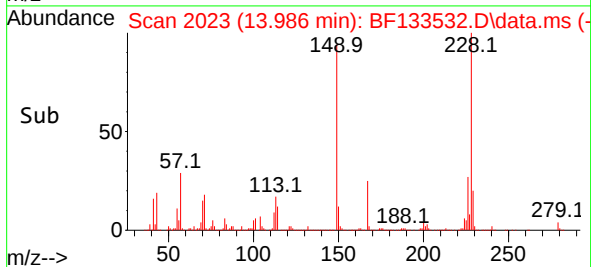
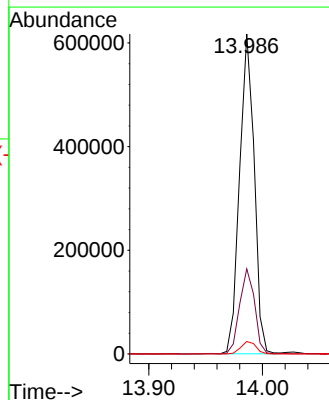
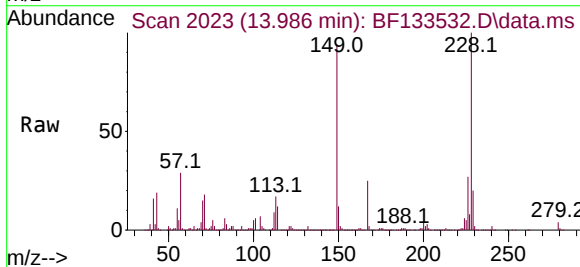
Tgt Ion:149 Resp: 552300

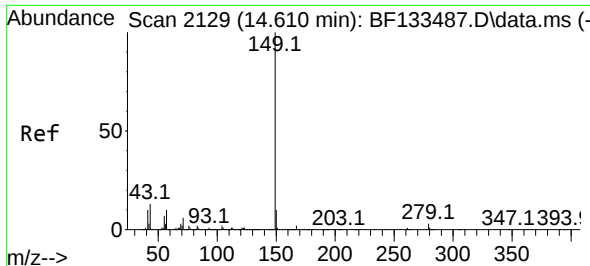
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

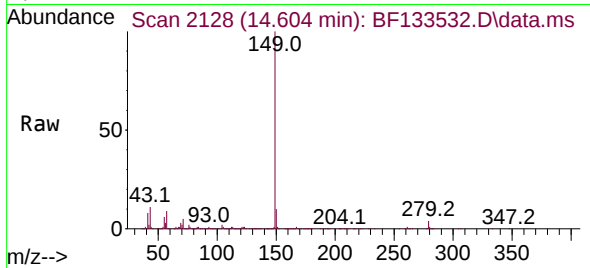
279 3.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.210 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

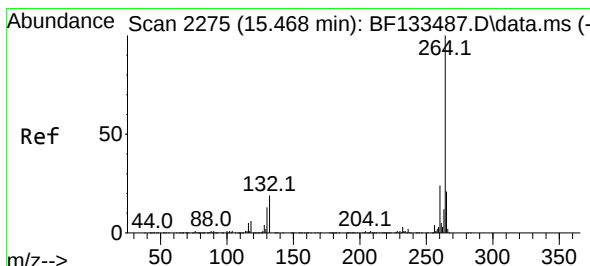
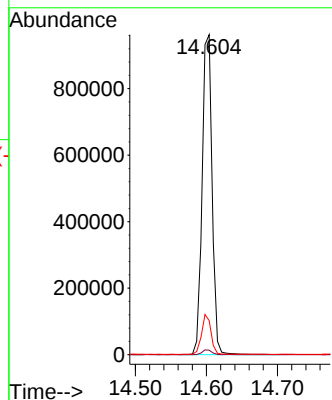
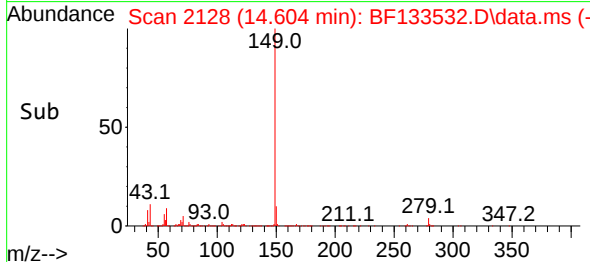
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion:149 Resp: 942530
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.7 10.0 15.0

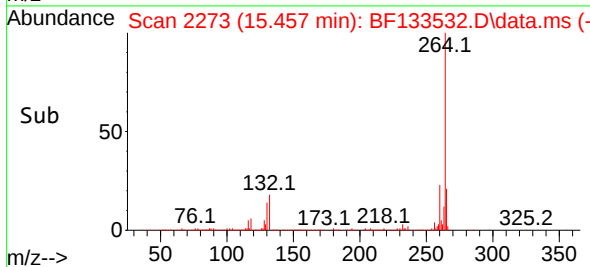
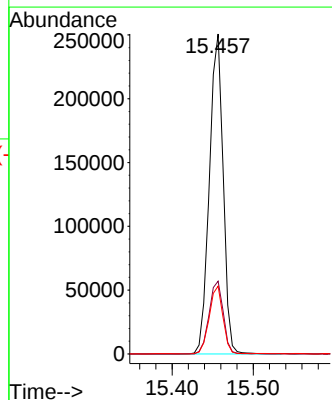
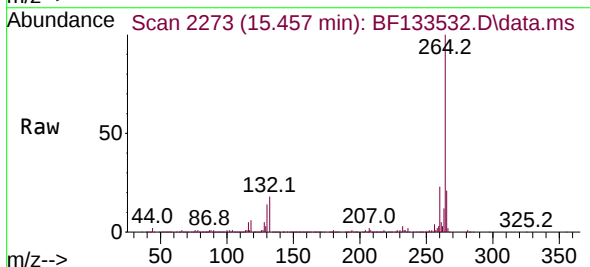
Manual Integrations
APPROVED

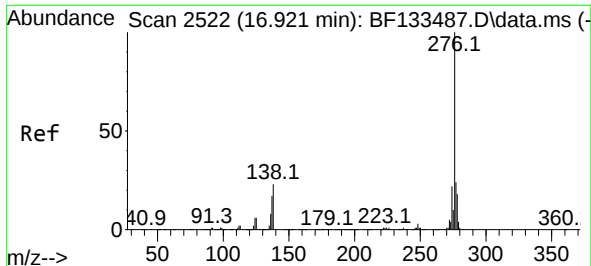
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

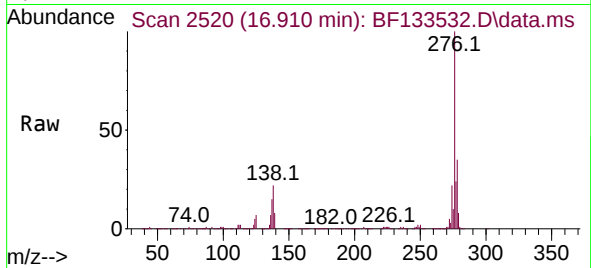
Tgt Ion:264 Resp: 295023
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 21.2 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.997 ng
RT: 16.910 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

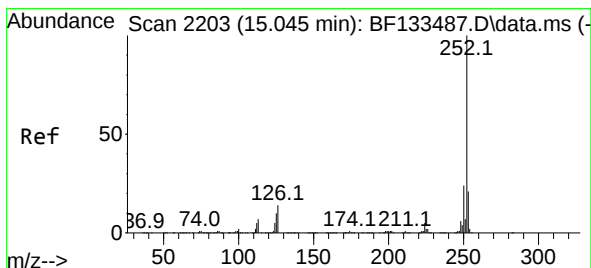
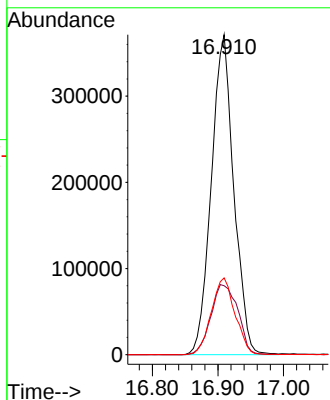
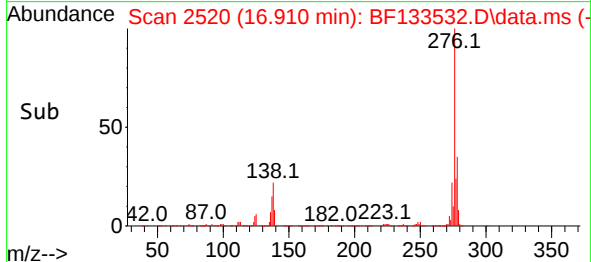
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 276 Resp: 88318
Ion Ratio Lower Upper
276 100
138 26.4 21.4 32.2
277 25.4 20.0 30.0

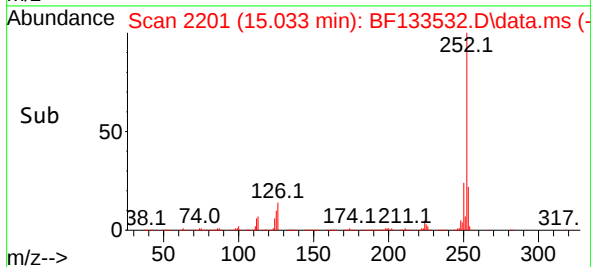
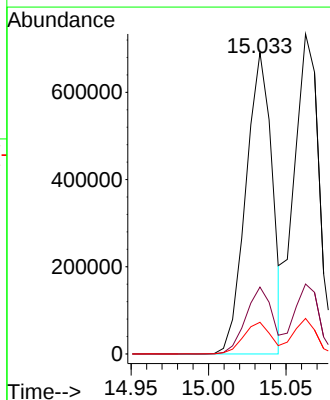
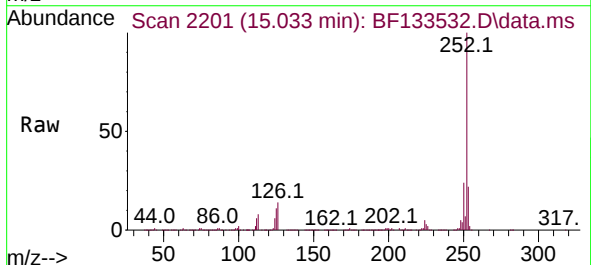
Manual Integrations
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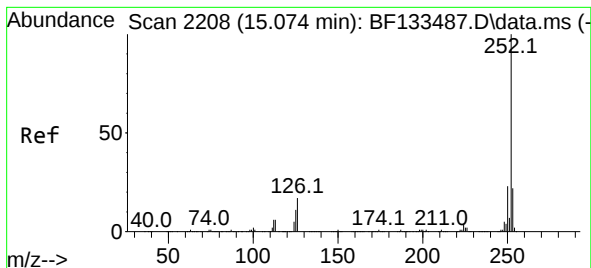
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023



#88
Benzo(b)fluoranthene
Concen: 42.528 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion: 252 Resp: 817010
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.158 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

Instrument :

BNA_F

ClientSampleId :

WC25MS

Tgt Ion:252 Resp: 808450

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

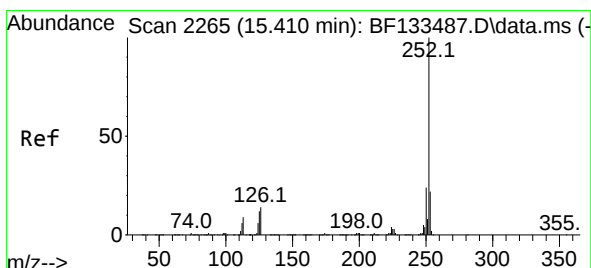
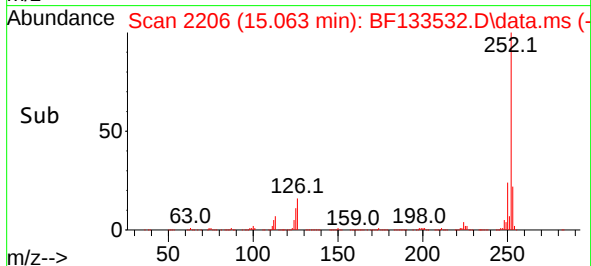
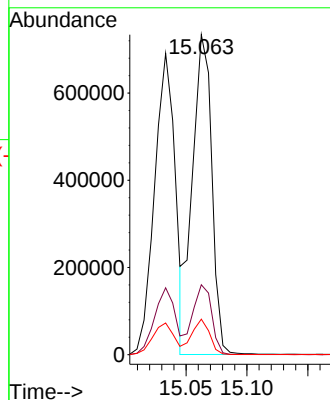
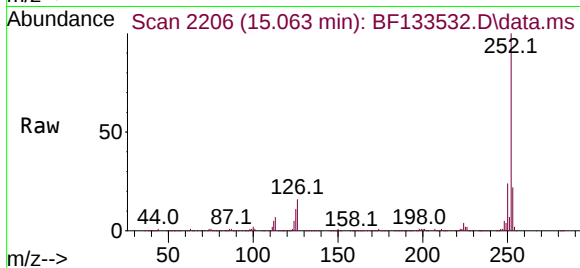
125 11.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#90

Benzo(a)pyrene

Concen: 42.298 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF133532.D

Acq: 30 May 2023 20:27

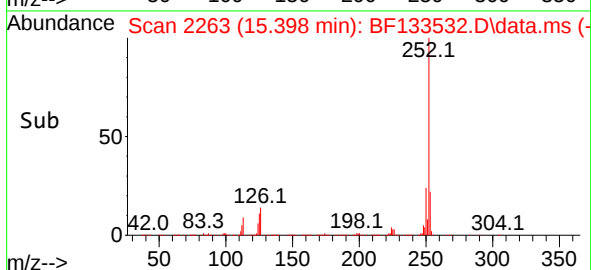
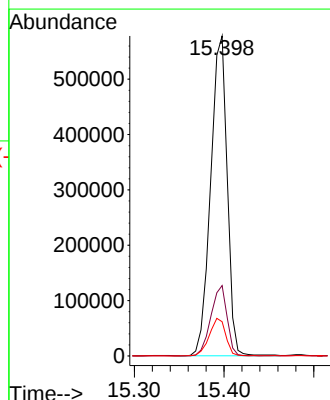
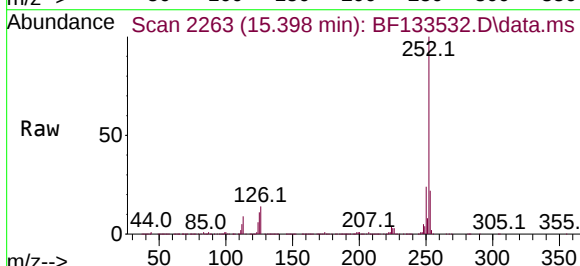
Tgt Ion:252 Resp: 739415

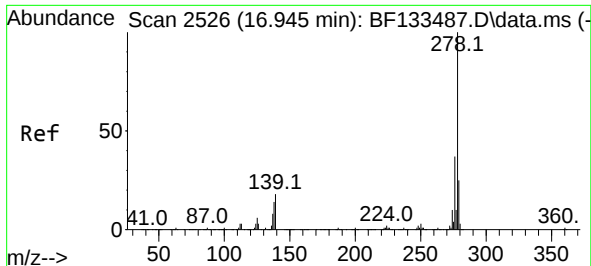
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

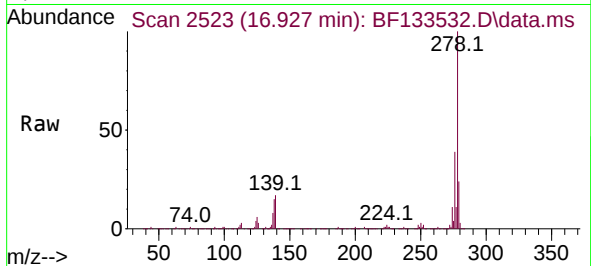
125 10.7 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 47.940 ng
RT: 16.927 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

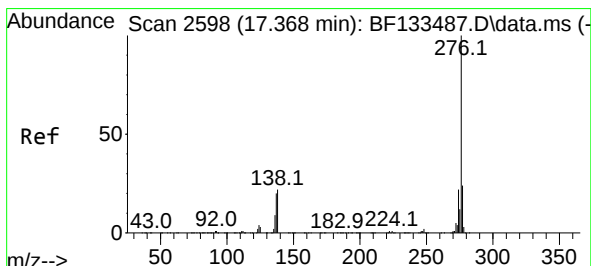
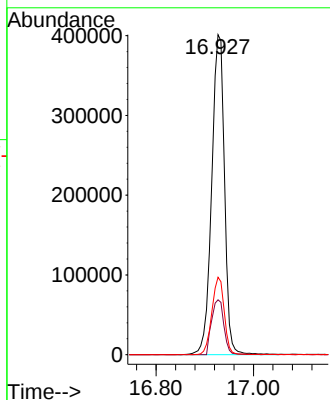
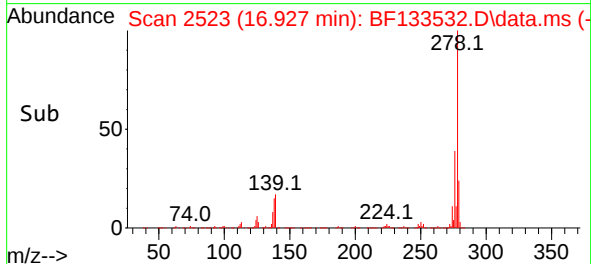
Instrument :
BNA_F
ClientSampleId :
WC25MS



Tgt Ion: 278 Resp: 730430
Ion Ratio Lower Upper
278 100
139 17.1 14.1 21.1
279 24.2 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023



#92
Benzo(g,h,i)perylene
Concen: 45.511 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF133532.D
Acq: 30 May 2023 20:27

Tgt Ion: 276 Resp: 699198
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 23.6 17.8 26.6

