

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132151.D
 Acq On : 19 Jan 2023 18:03
 Operator : CG\JU
 Sample : PB150317BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 01:20:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	189742	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	690482	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	385764	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	750849	20.000	ng	0.00
76) Chrysene-d12	14.307	240	440697	20.000	ng	0.00
86) Perylene-d12	15.901	264	370362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1260956	116.091	ng	0.02
7) Phenol-d6	6.707	99	1647351	120.483	ng	0.00
23) Nitrobenzene-d5	7.660	82	1077318	82.885	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	530360	128.711	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1767859	66.964	ng	0.00
79) Terphenyl-d14	13.236	244	2202066	83.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	190071	34.541	ng	100
3) Pyridine	3.849	79	452223	30.613	ng	98
4) n-Nitrosodimethylamine	3.813	42	295120	42.480	ng	98
6) Aniline	6.748	93	511882m	27.029	ng	
8) 2-Chlorophenol	6.872	128	511753	44.823	ng	99
9) Benzaldehyde	6.643	77	177384	20.166	ng	97
10) Phenol	6.719	94	598652	42.058	ng	96
11) bis(2-Chloroethyl)ether	6.819	93	511736	42.468	ng	99
12) 1,3-Dichlorobenzene	7.031	146	544968	42.701	ng	99
13) 1,4-Dichlorobenzene	7.107	146	551065	43.272	ng	98
14) 1,2-Dichlorobenzene	7.260	146	532781	45.245	ng	97
15) Benzyl Alcohol	7.225	79	469717m	44.913	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	747219	42.666	ng	99
17) 2-Methylphenol	7.331	107	408710	40.862	ng	98
18) Hexachloroethane	7.607	117	204746	44.788	ng	95
19) n-Nitroso-di-n-propyla...	7.501	70	341992	40.834	ng	97
20) 3+4-Methylphenols	7.484	107	512374	40.653	ng	97
22) Acetophenone	7.501	105	653043	39.350	ng	# 97
24) Nitrobenzene	7.678	77	563492	40.945	ng	96
25) Isophorone	7.913	82	1033917	40.654	ng	98
26) 2-Nitrophenol	7.990	139	246797	47.281	ng	95
27) 2,4-Dimethylphenol	8.019	122	464462	42.206	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	594344	38.951	ng	99
29) 2,4-Dichlorophenol	8.231	162	437757	41.901	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	475972	40.111	ng	100
31) Naphthalene	8.401	128	1373774	38.740	ng	99
32) Benzoic acid	8.131	122	331288	45.564	ng	92
33) 4-Chloroaniline	8.442	127	165945	10.935	ng	94
34) Hexachlorobutadiene	8.513	225	325819	40.873	ng	99
35) Caprolactam	8.813	113	149827m	50.571	ng	
36) 4-Chloro-3-methylphenol	8.913	107	449945	42.796	ng	97
37) 2-Methylnaphthalene	9.095	142	907900	37.186	ng	100
38) 1-Methylnaphthalene	9.195	142	861644	37.929	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	487560	36.326	ng	99
41) Hexachlorocyclopentadiene	9.248	237	588846	80.396	ng	97
43) 2,4,6-Trichlorophenol	9.366	196	338694	40.660	ng	99

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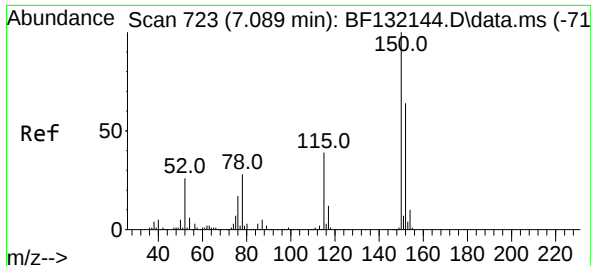
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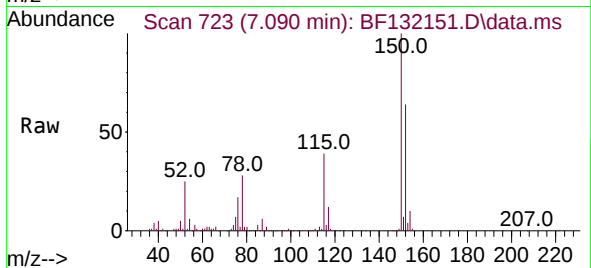
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	372320	38.217	ng	97
46) 1,1'-Biphenyl	9.560	154	1122103	36.870	ng	99
47) 2-Chloronaphthalene	9.589	162	879709	37.392	ng	97
48) 2-Nitroaniline	9.678	65	309842	41.543	ng	94
49) Acenaphthylene	10.007	152	1390076	36.934	ng	99
50) Dimethylphthalate	9.860	163	1084730	38.824	ng	100
51) 2,6-Dinitrotoluene	9.919	165	243040	44.880	ng	90
52) Acenaphthene	10.184	154	943902	41.695	ng	97
53) 3-Nitroaniline	10.089	138	152037	26.259	ng	98
54) 2,4-Dinitrophenol	10.195	184	264071	102.910	ng	# 47
55) Dibenzofuran	10.354	168	1294173	36.993	ng	96
56) 4-Nitrophenol	10.242	139	387752	92.020	ng	85
57) 2,4-Dinitrotoluene	10.325	165	319127	49.094	ng	98
58) Fluorene	10.701	166	977514	37.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	320270	43.217	ng	99
60) Diethylphthalate	10.560	149	1093027	39.894	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	517233	37.262	ng	97
62) 4-Nitroaniline	10.713	138	237640	44.087	ng	99
63) Azobenzene	10.848	77	1048334	38.125	ng	98
65) 4,6-Dinitro-2-methylph...	10.736	198	169412	46.282	ng	97
66) n-Nitrosodiphenylamine	10.807	169	885918	36.841	ng	100
67) 4-Bromophenyl-phenylether	11.183	248	347416	37.960	ng	94
68) Hexachlorobenzene	11.248	284	366112	40.251	ng	95
69) Atrazine	11.325	200	233463	31.468	ng	100
70) Pentachlorophenol	11.442	266	452755	77.459	ng	99
71) Phenanthrene	11.672	178	1498869	38.039	ng	99
72) Anthracene	11.725	178	1510831	37.901	ng	99
73) Carbazole	11.872	167	1397881	41.053	ng	99
74) Di-n-butylphthalate	12.195	149	1631131	43.031	ng	99
75) Fluoranthene	12.866	202	1667208	41.191	ng	99
77) Benzidine	12.983	184	196141	14.824	ng	99
78) Pyrene	13.101	202	1680909	41.387	ng	99
80) Butylbenzylphthalate	13.707	149	603266	45.740	ng	98
81) Benzo(a)anthracene	14.295	228	1236536	39.276	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	264863	30.208	ng	99
83) Chrysene	14.336	228	1140517	38.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.266	149	751505	42.811	ng	99
85) Di-n-octyl phthalate	14.907	149	991725	40.095	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1276526	43.507	ng	100
88) Benzo(b)fluoranthene	15.418	252	1063793	47.175	ng	99
89) Benzo(k)fluoranthene	15.454	252	1010290	43.929	ng	99
90) Benzo(a)pyrene	15.836	252	924681	42.627	ng	100
91) Dibenzo(a,h)anthracene	17.595	278	1069833	48.809	ng	98
92) Benzo(g,h,i)perylene	18.083	276	1134559	45.015	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

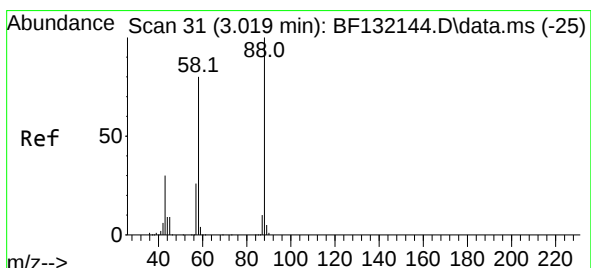
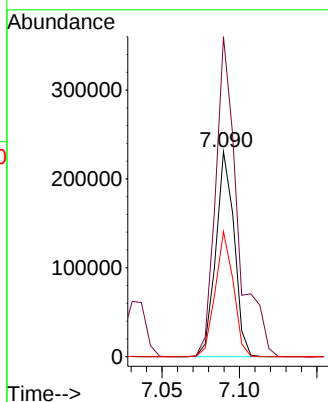
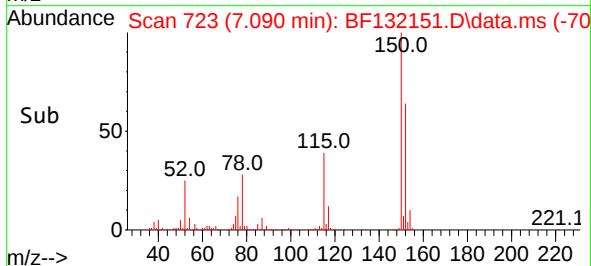
Instrument :
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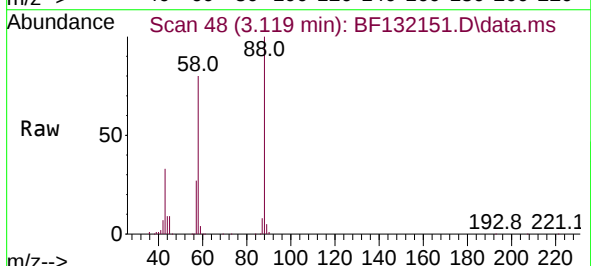
Tgt Ion:152 Resp: 189742
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.8
115 61.0 49.2 73.8

Manual Integrations
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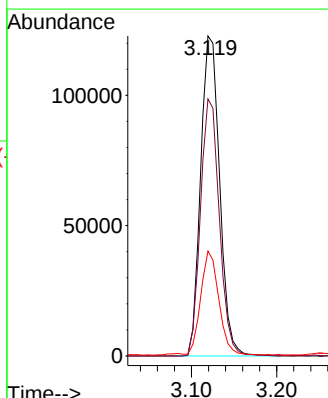
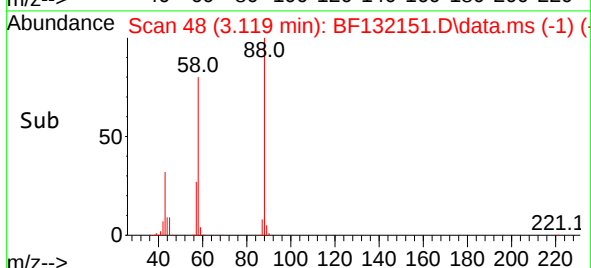
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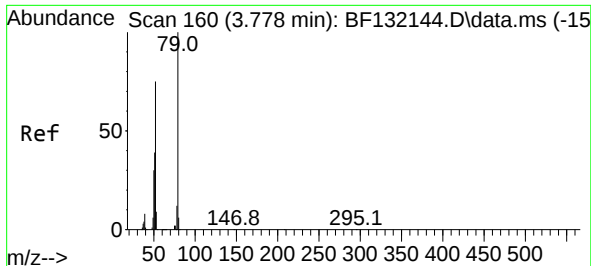


#2
1,4-Dioxane
Concen: 34.541 ng
RT: 3.119 min Scan# 48
Delta R.T. 0.100 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



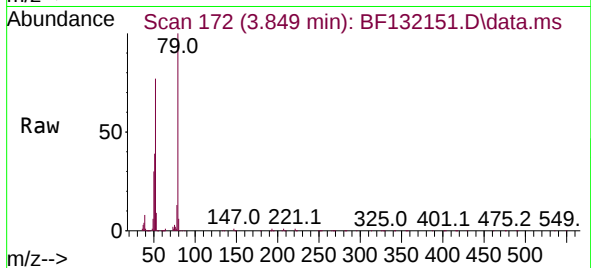
Tgt Ion: 88 Resp: 190071
Ion Ratio Lower Upper
88 100
58 79.8 64.0 96.0
43 30.9 24.2 36.4





#3
 Pyridine
 Concen: 30.613 ng
 RT: 3.849 min Scan# 11
 Delta R.T. 0.071 min
 Lab File: BF132151.D
 Acq: 19 Jan 2023 18:03

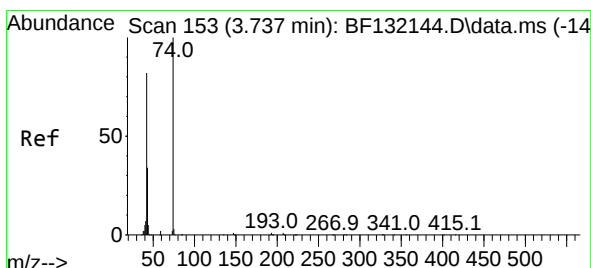
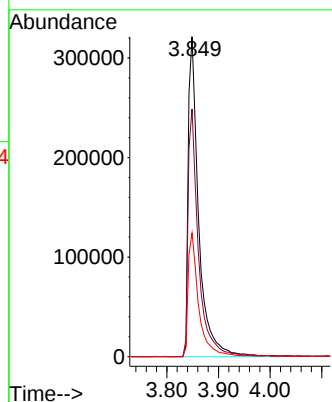
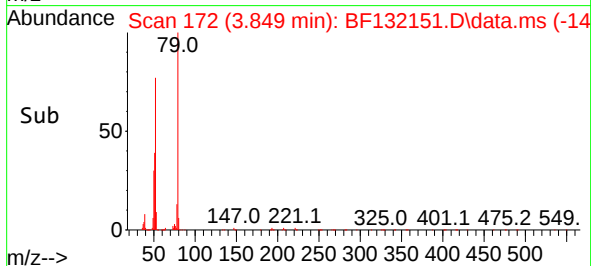
Instrument :
 BNA_F
 ClientSampleId :
 PB150317BSD



Tgt Ion: 79 Resp: 452223
 Ion Ratio Lower Upper
 79 100
 52 77.4 60.1 90.1
 51 38.6 31.4 47.0

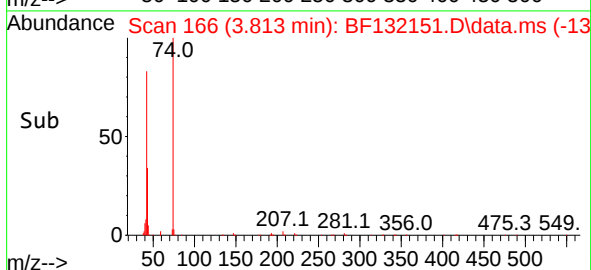
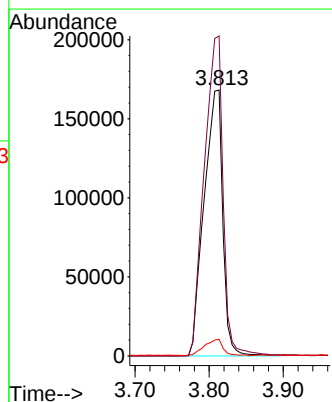
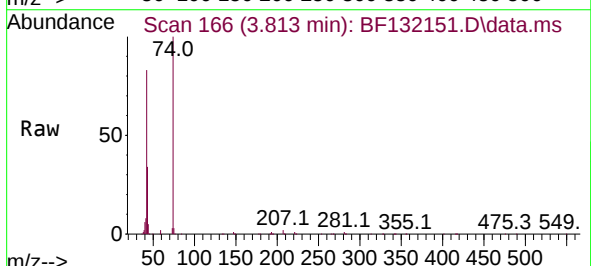
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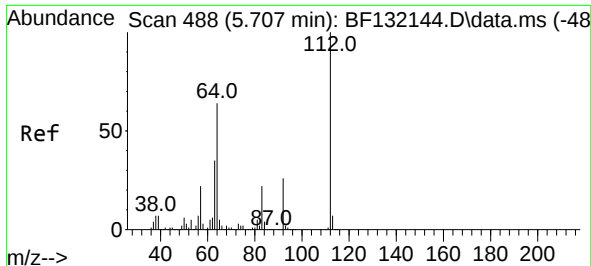
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#4
 n-Nitrosodimethylamine
 Concen: 42.480 ng
 RT: 3.813 min Scan# 166
 Delta R.T. 0.077 min
 Lab File: BF132151.D
 Acq: 19 Jan 2023 18:03

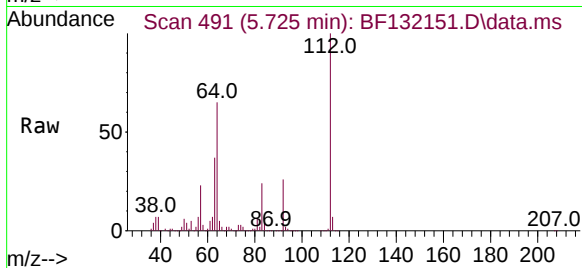
Tgt Ion: 42 Resp: 295120
 Ion Ratio Lower Upper
 42 100
 74 120.4 98.1 147.1
 44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 116.091 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

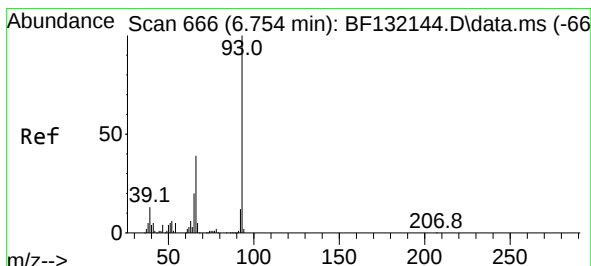
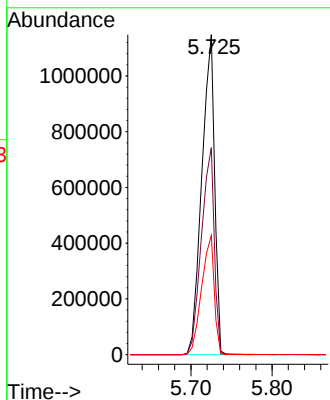
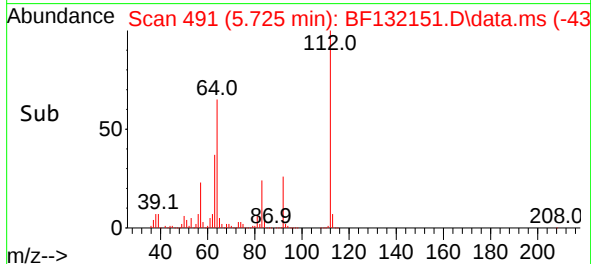
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Tgt Ion: 112 Resp: 1260956
Ion Ratio Lower Upper
112 100
64 64.7 51.4 77.0
63 37.2 28.2 42.2

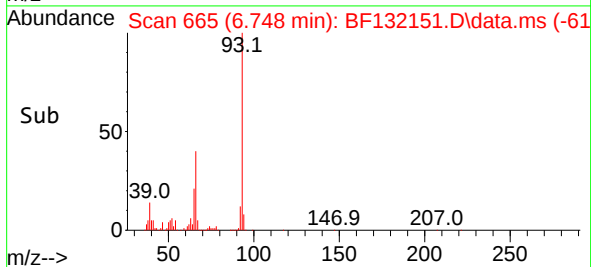
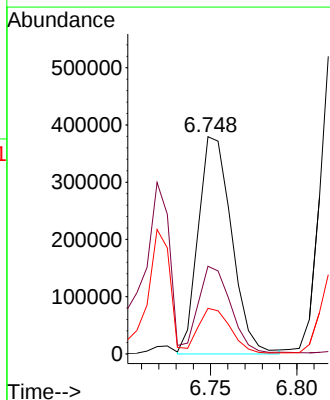
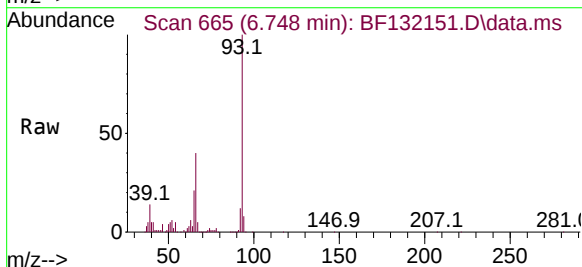
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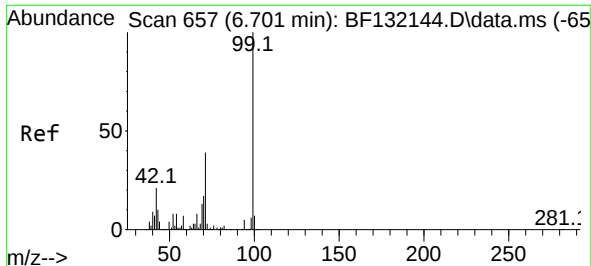
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 27.029 ng m
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

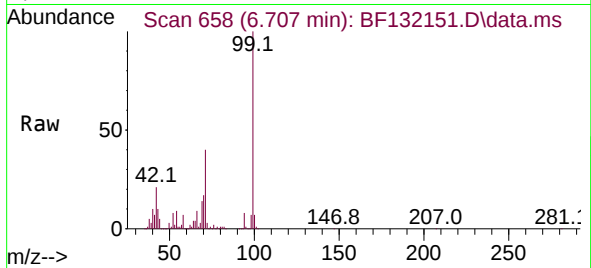
Tgt Ion: 93 Resp: 511882
Ion Ratio Lower Upper
93 100
66 40.3 33.0 49.6
65 20.9 16.8 25.2





#7
Phenol-d6
Concen: 120.483 ng
RT: 6.707 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

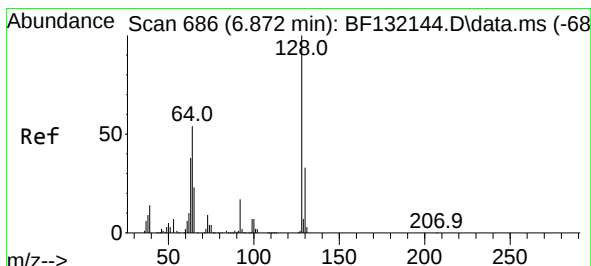
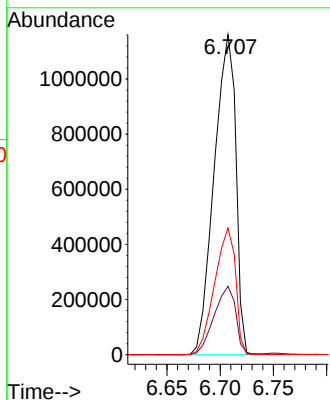
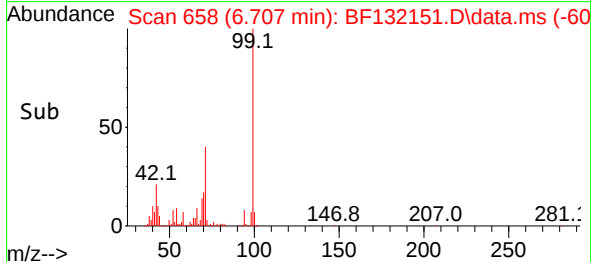
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 164735
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.6 30.8 46.2

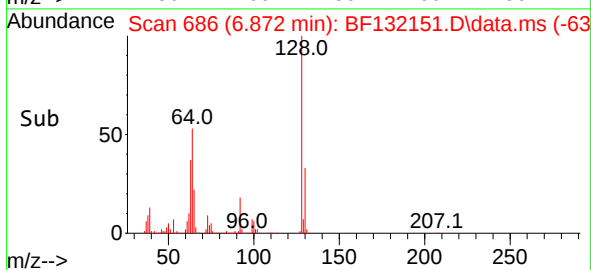
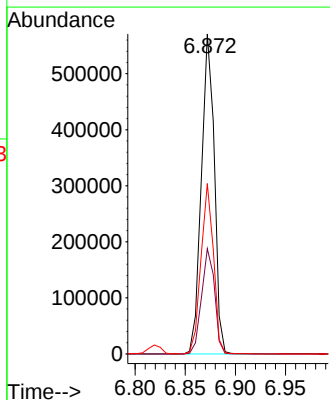
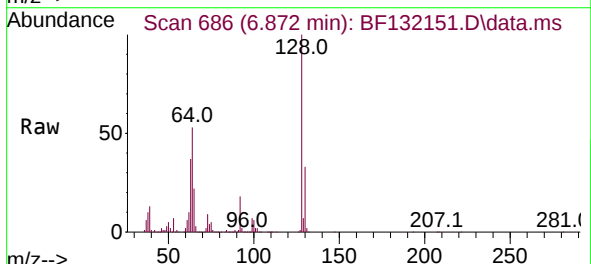
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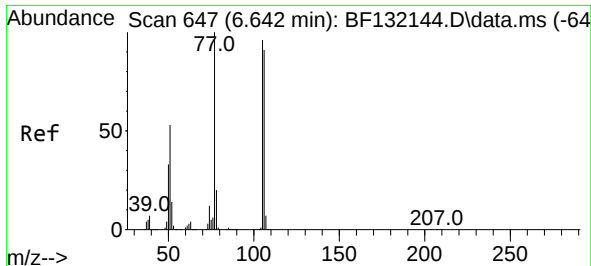
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
2-Chlorophenol
Concen: 44.823 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

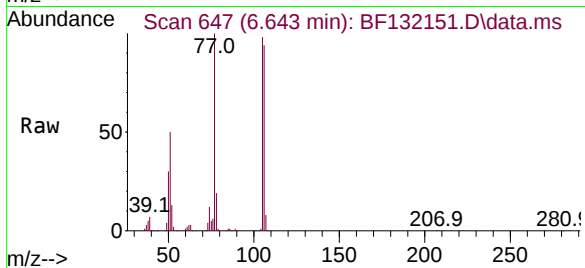
Tgt Ion:128 Resp: 511753
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 53.2 34.8 74.8





#9
Benzaldehyde
Concen: 20.166 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

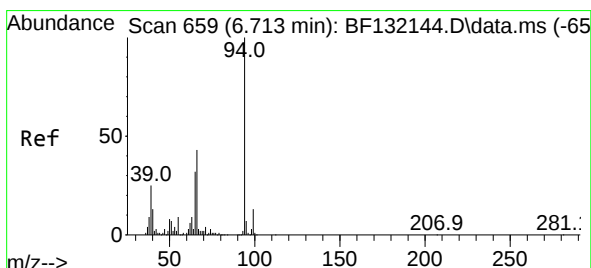
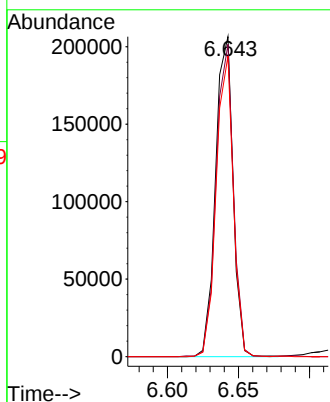
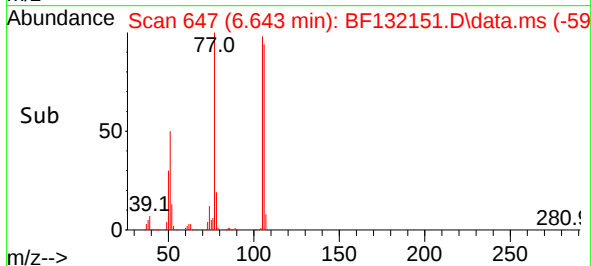
Instrument :
BNA_F
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PB150317BSD



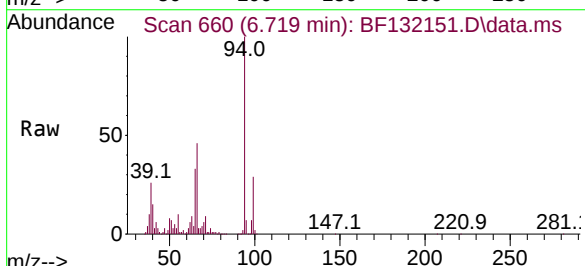
Tgt Ion: 77 Resp: 177384
Ion Ratio Lower Upper
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105 97.6 75.5 115.5
106 93.9 70.7 110.7

Manual Integrations
APPROVED

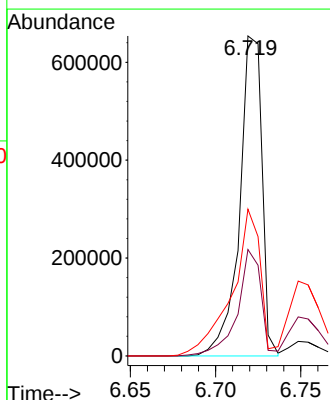
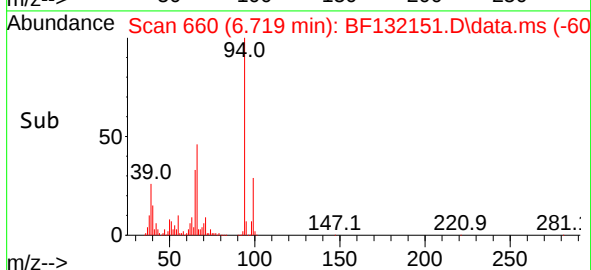
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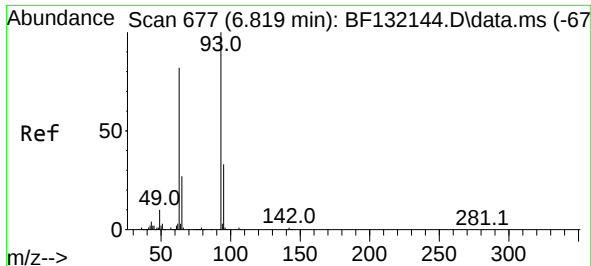


#10
Phenol
Concen: 42.058 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



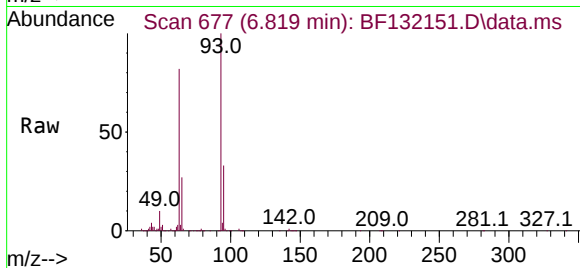
Tgt Ion: 94 Resp: 598652
Ion Ratio Lower Upper
94 100
65 33.2 12.0 52.0
66 45.8 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 42.468 ng
RT: 6.819 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

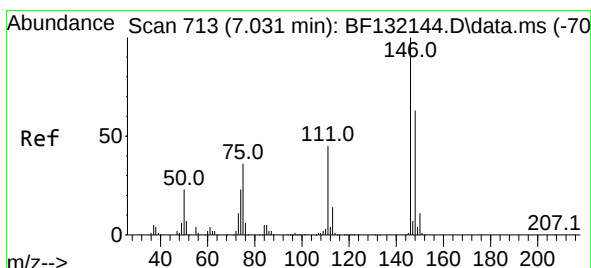
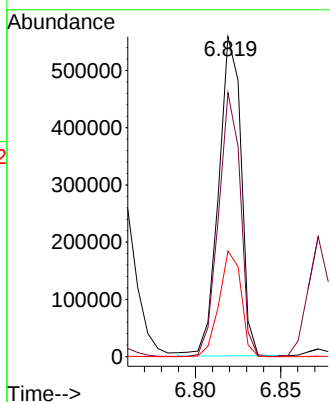
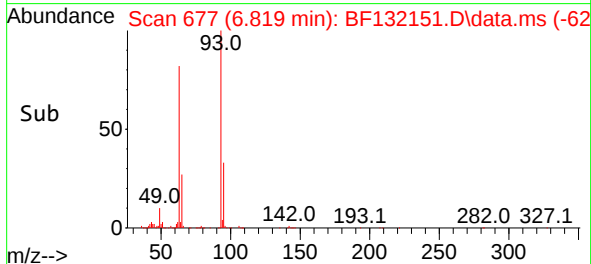
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



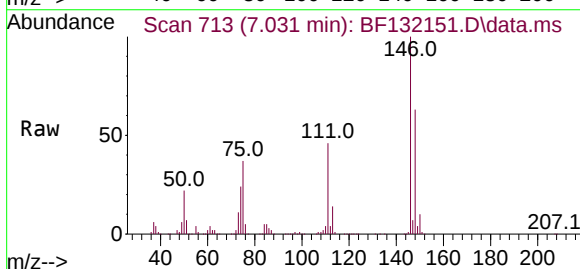
Tgt Ion: 93 Resp: 511736
Ion Ratio Lower Upper
93 100
63 82.4 61.6 101.6
95 33.0 12.7 52.7

Manual Integrations
APPROVED

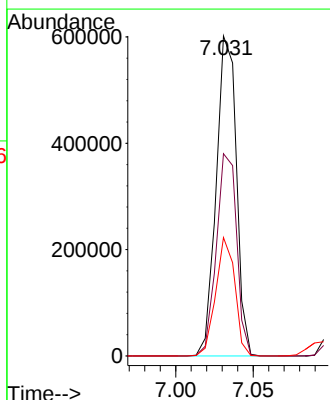
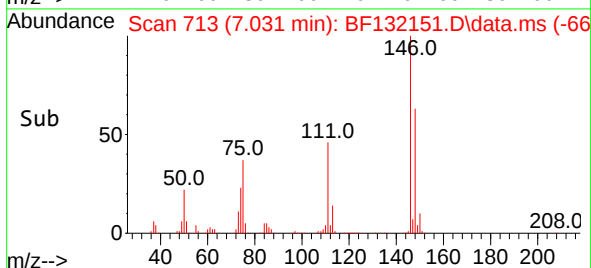
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

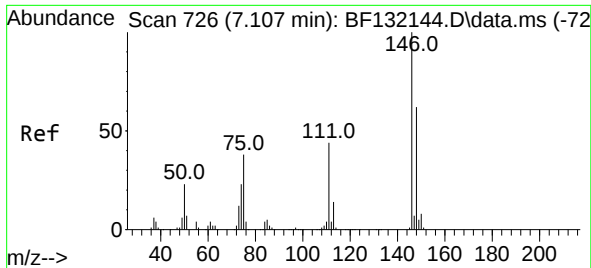


#12
1,3-Dichlorobenzene
Concen: 42.701 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:146 Resp: 544968
Ion Ratio Lower Upper
146 100
148 63.2 50.0 75.0
75 37.0 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.272 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

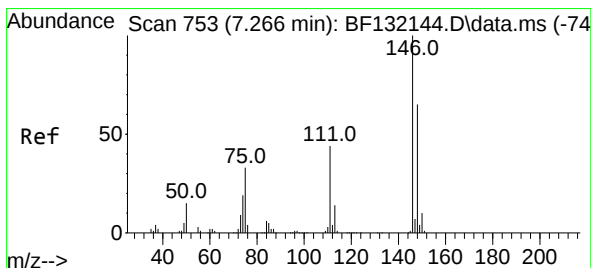
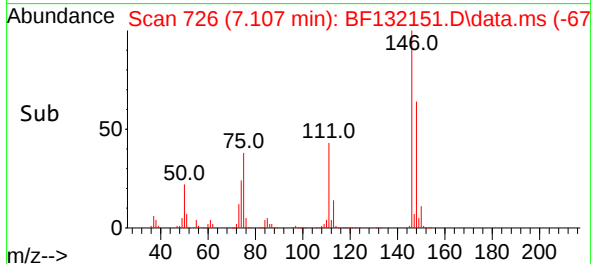
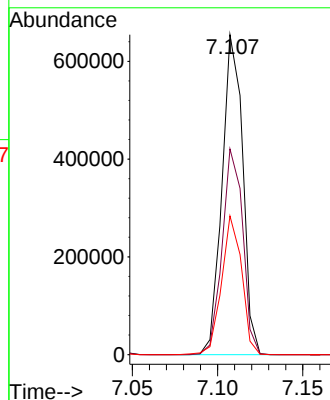
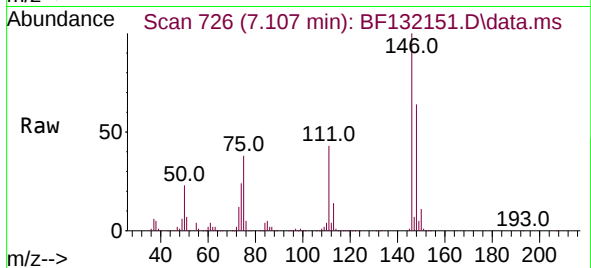
PB150317BSD

Tgt Ion:146 Resp: 551065
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.9 74.9
 111 43.3 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#14

1,2-Dichlorobenzene

Concen: 45.245 ng

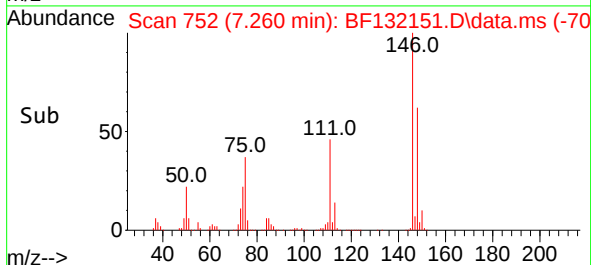
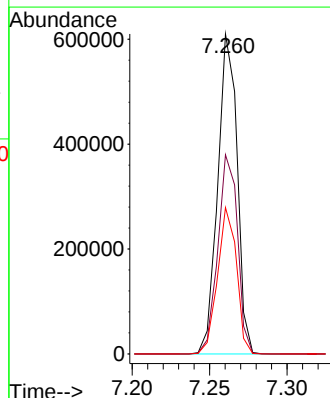
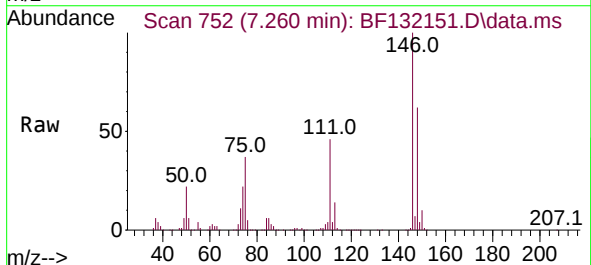
RT: 7.260 min Scan# 752

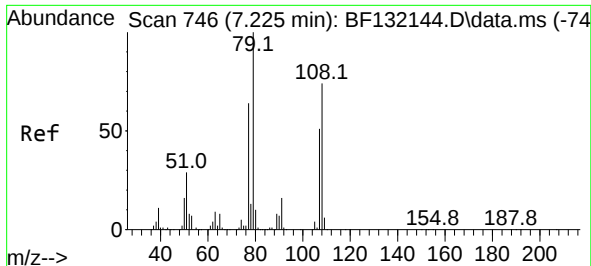
Delta R.T. -0.006 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

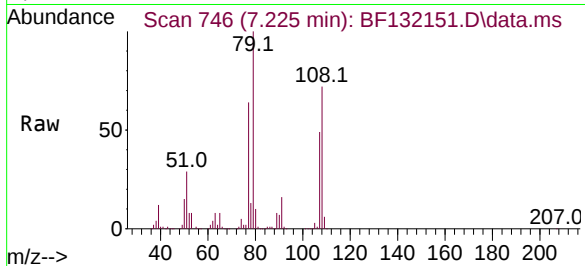
Tgt Ion:146 Resp: 532781
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.0 78.0
 111 45.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 44.913 ng m
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

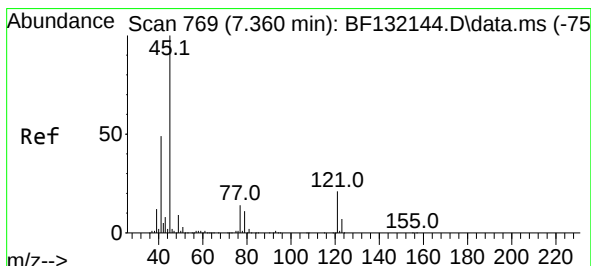
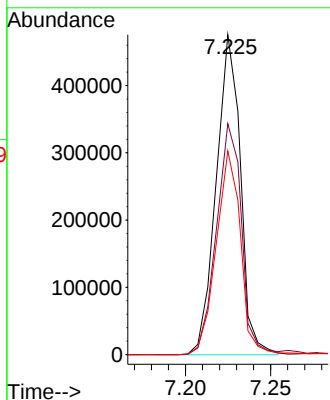
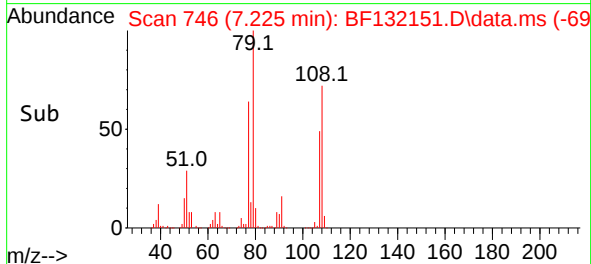
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion: 79 Resp: 469717
Ion Ratio Lower Upper
79 100
108 72.2 58.9 88.3
77 63.6 51.1 76.7

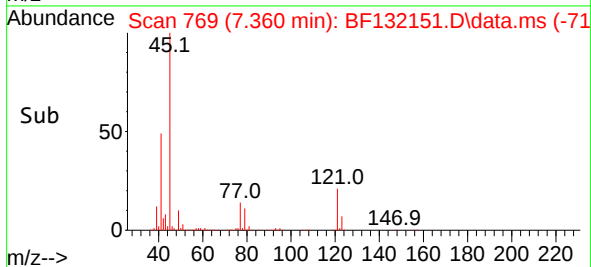
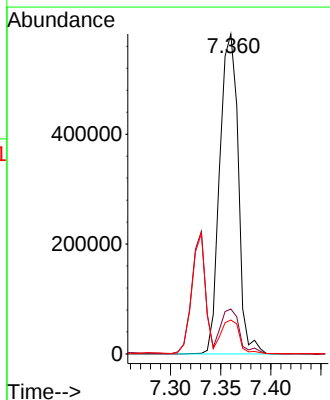
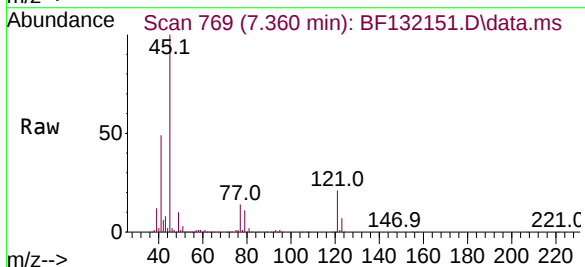
Manual Integrations
APPROVED

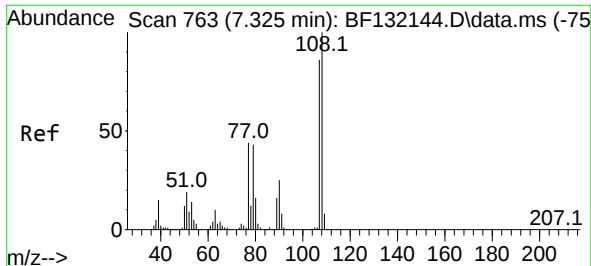
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.666 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

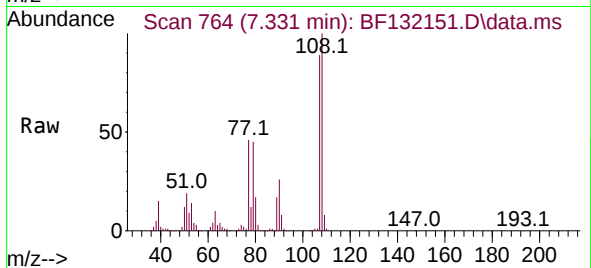
Tgt Ion: 45 Resp: 747219
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 10.6 0.0 30.9





#17
2-Methylphenol
Concen: 40.862 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

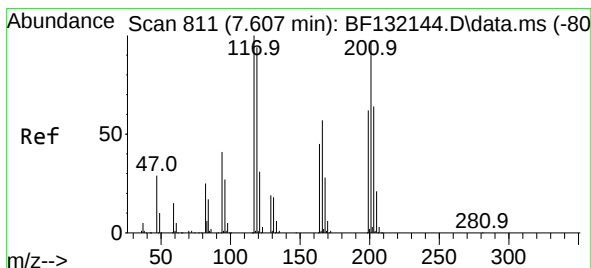
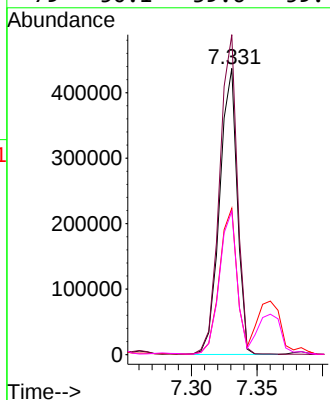
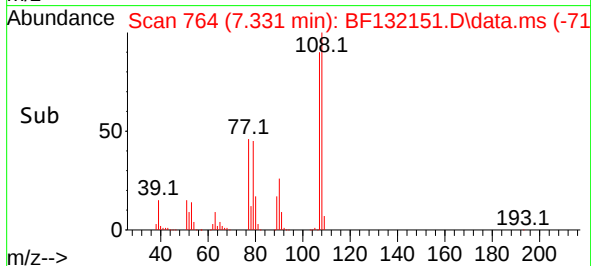
Instrument :
BNA_F
Client Sample Id :
PB150317BSD



Tgt Ion:107 Resp: 408710
Ion Ratio Lower Upper
107 100
108 111.8 92.8 139.2
77 51.1 41.1 61.7
79 50.1 39.6 59.4

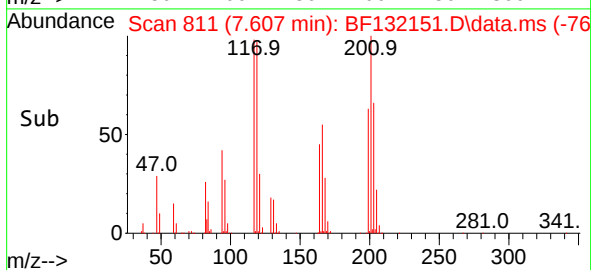
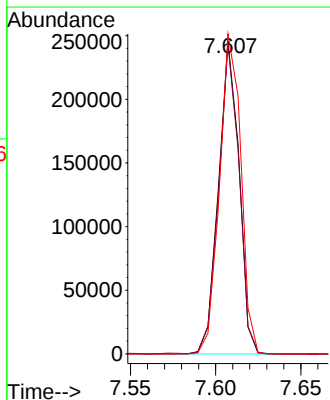
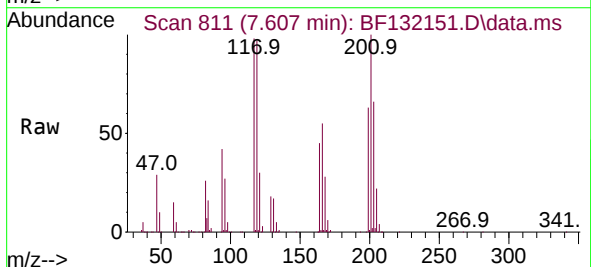
Manual Integrations
APPROVED

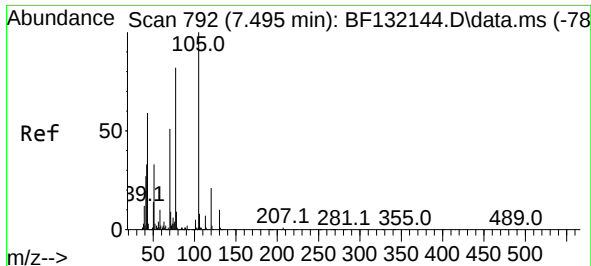
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 44.788 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

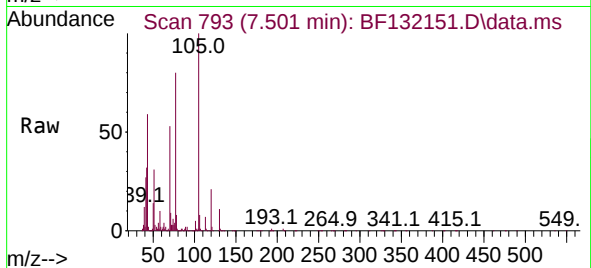
Tgt Ion:117 Resp: 204746
Ion Ratio Lower Upper
117 100
119 99.0 75.4 113.0
201 102.2 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.834 ng
RT: 7.501 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

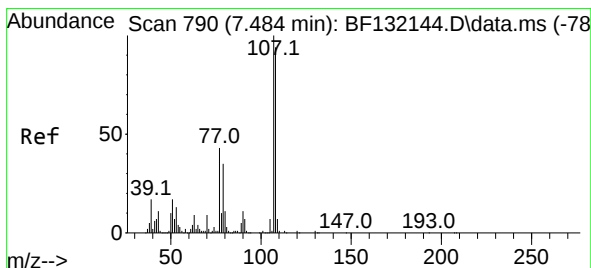
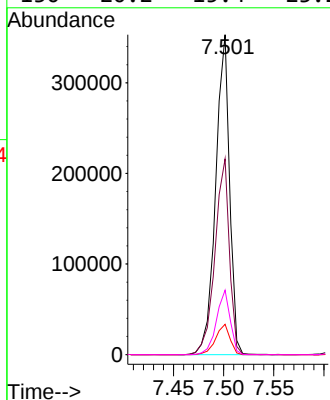
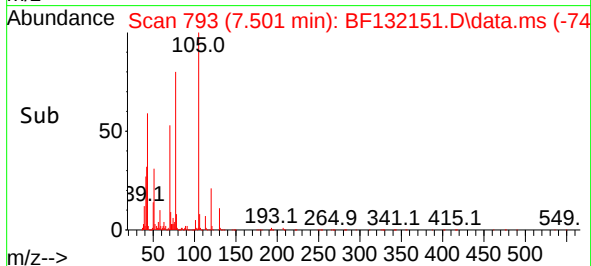
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



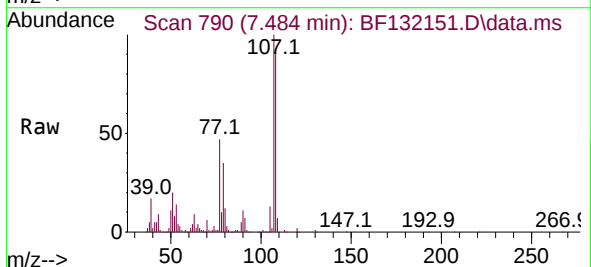
Tgt Ion: 70 Resp: 341992
Ion Ratio Lower Upper
70 100
42 61.2 51.0 76.4
101 9.5 7.3 10.9
130 20.2 15.4 23.2

Manual Integrations
APPROVED

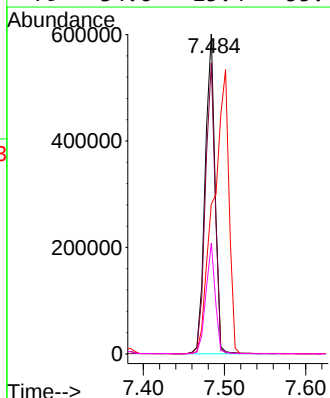
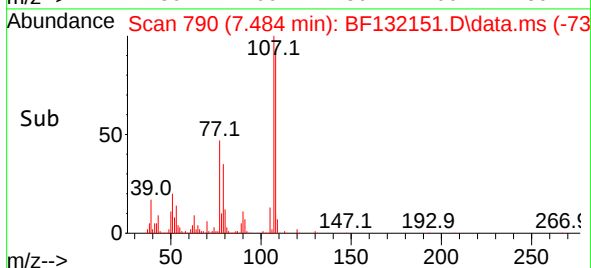
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

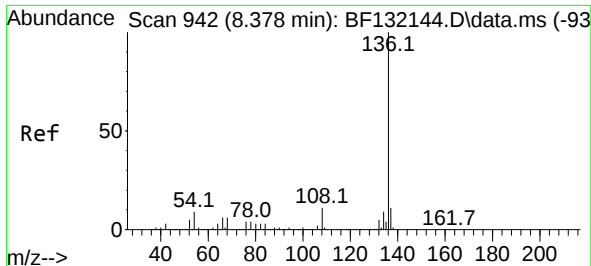


#20
3+4-Methylphenols
Concen: 40.653 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



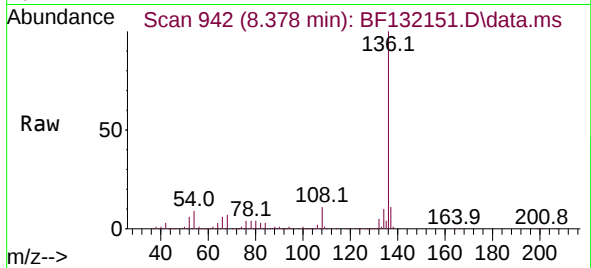
Tgt Ion: 107 Resp: 512374
Ion Ratio Lower Upper
107 100
108 90.9 73.8 113.8
77 46.8 22.8 62.8
79 34.6 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

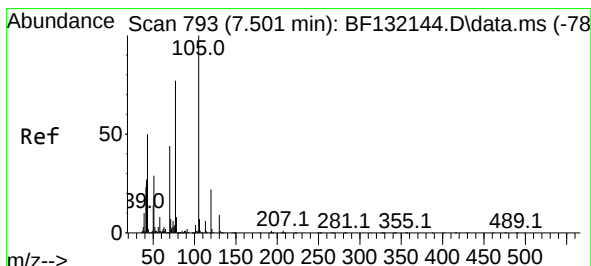
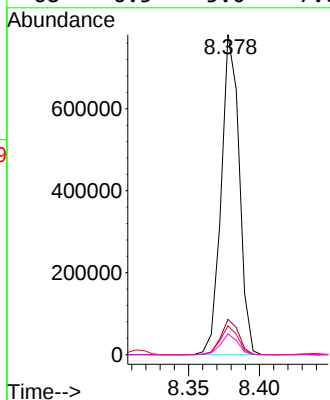
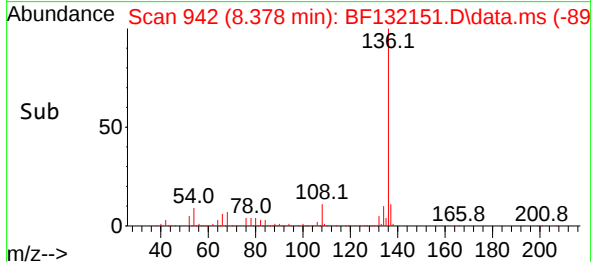
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



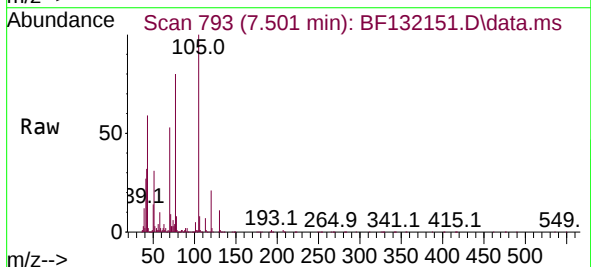
Tgt Ion:136 Resp: 690482
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 7.0 10.6
68 6.5 5.0 7.6

Manual Integrations
APPROVED

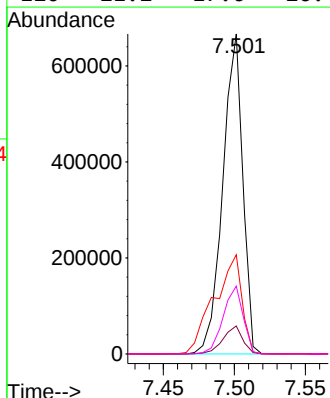
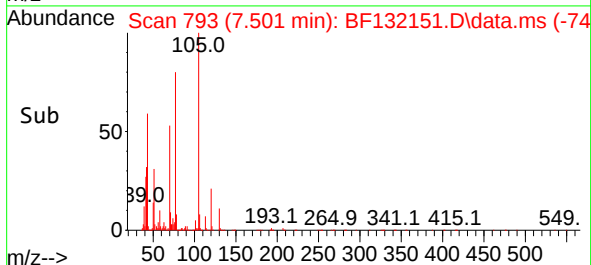
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

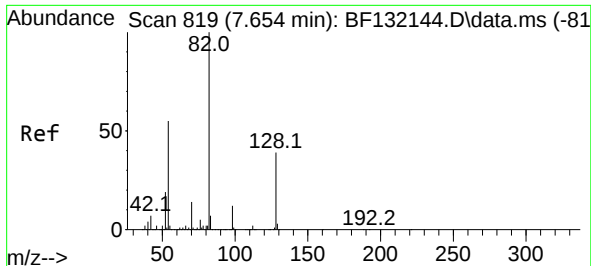


#22
Acetophenone
Concen: 39.350 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:105 Resp: 653043
Ion Ratio Lower Upper
105 100
71 8.7 5.8 8.6#
51 31.0 23.0 34.6
120 21.2 17.6 26.4





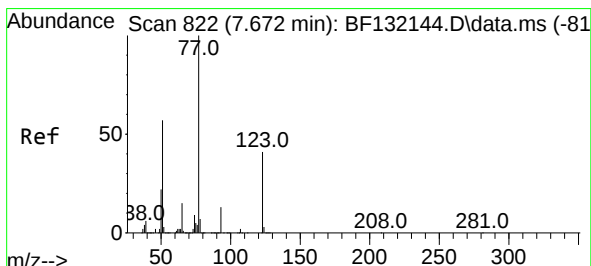
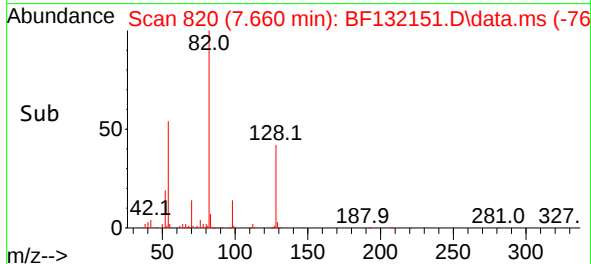
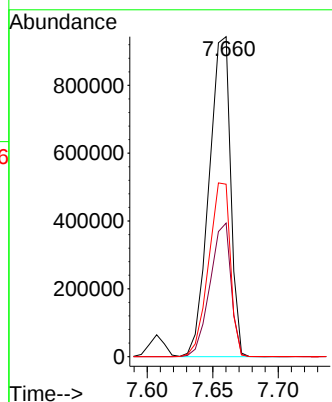
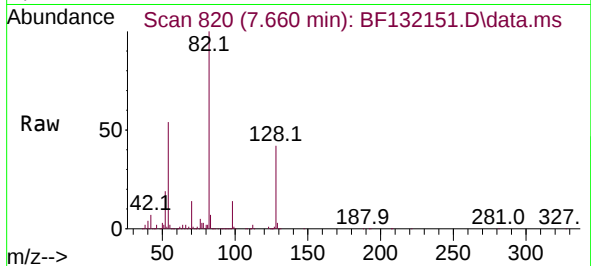
#23
Nitrobenzene-d5
Concen: 82.885 ng
RT: 7.660 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB150317BSD

Tgt Ion: 82 Resp: 1077318
Ion Ratio Lower Upper
82 100
128 41.7 31.1 46.7
54 53.9 43.9 65.9

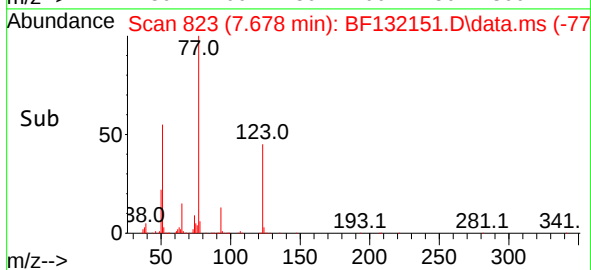
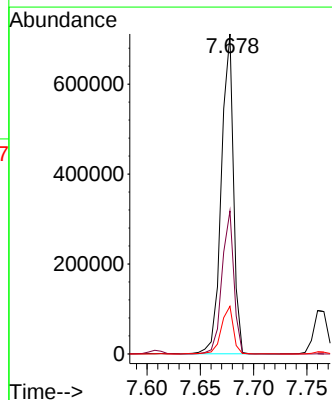
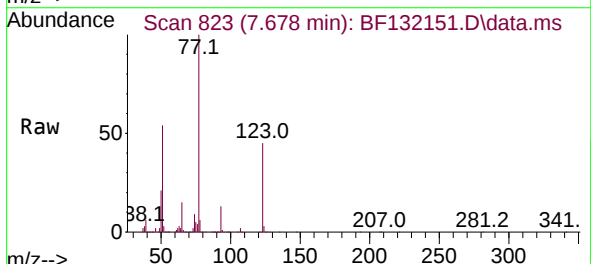
Manual Integrations
APPROVED

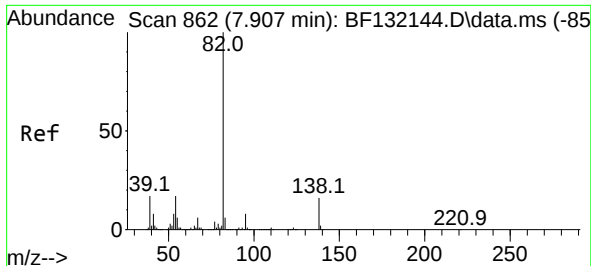
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#24
Nitrobenzene
Concen: 40.945 ng
RT: 7.678 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

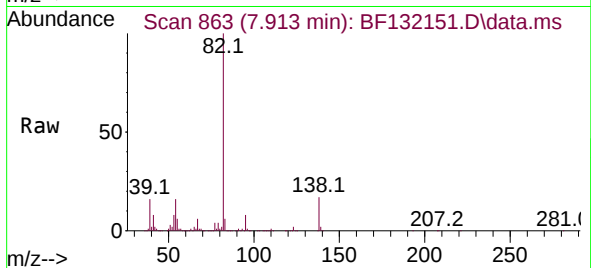
Tgt Ion: 77 Resp: 563492
Ion Ratio Lower Upper
77 100
123 44.7 33.1 49.7
65 14.9 11.7 17.5





#25
Isophorone
Concen: 40.654 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

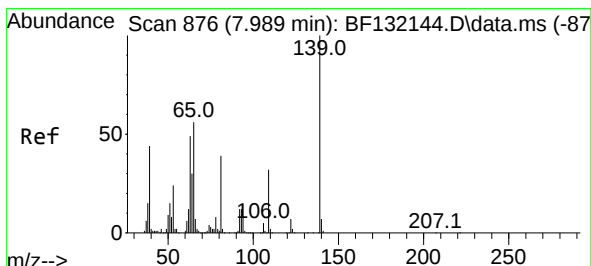
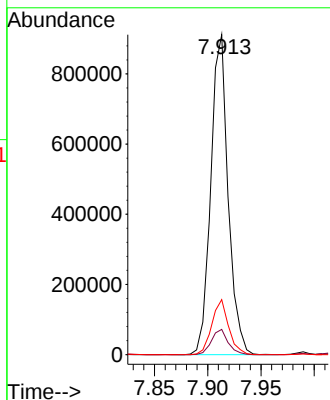
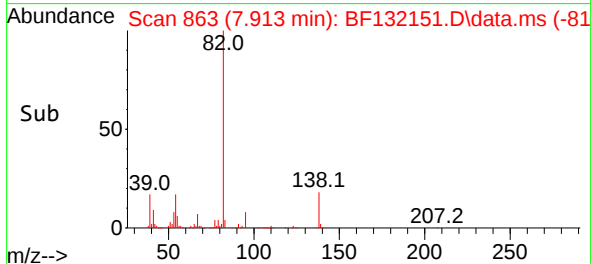
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



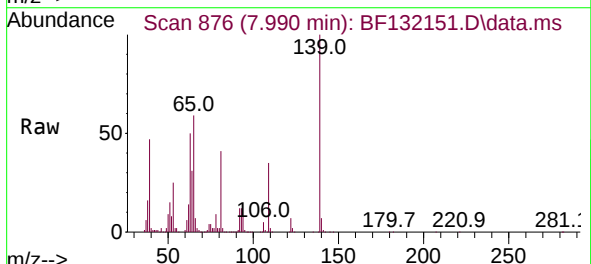
Tgt Ion: 82 Resp: 1033917
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.2 12.9 19.3

Manual Integrations
APPROVED

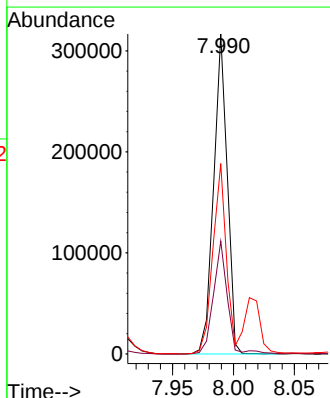
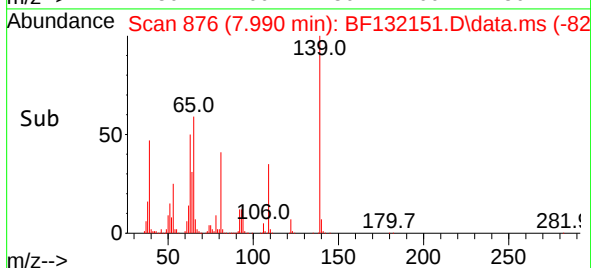
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

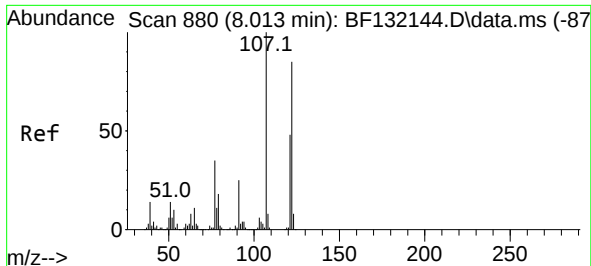


#26
2-Nitrophenol
Concen: 47.281 ng
RT: 7.990 min Scan# 876
Delta R.T. 0.001 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:139 Resp: 246797
Ion Ratio Lower Upper
139 100
109 35.3 25.8 38.8
65 59.5 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 42.206 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132151.D

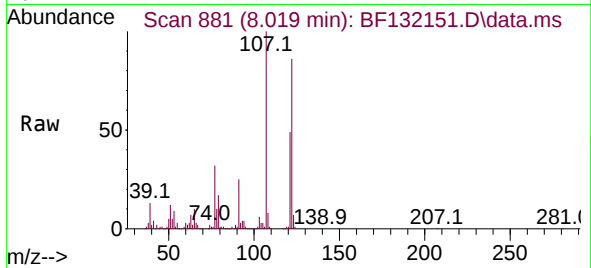
Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD



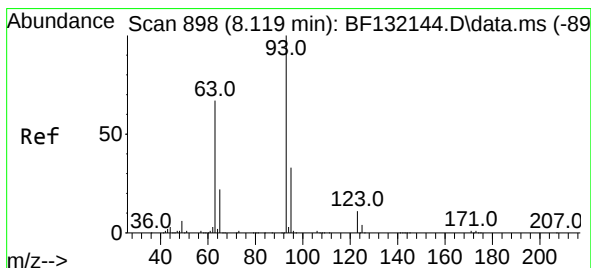
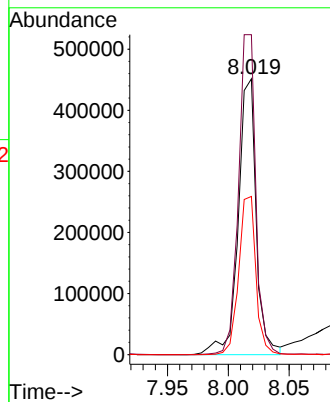
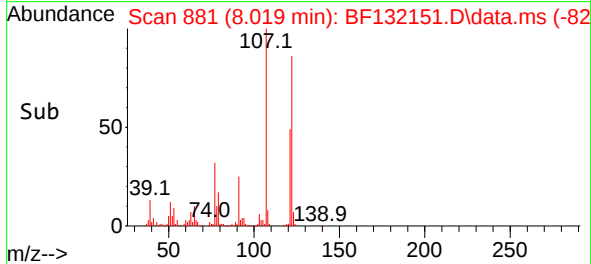
Tgt Ion:122 Resp: 464462

Ion	Ratio	Lower	Upper
122	100		
107	116.0	94.2	141.4
121	57.3	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.951 ng

RT: 8.119 min Scan# 898

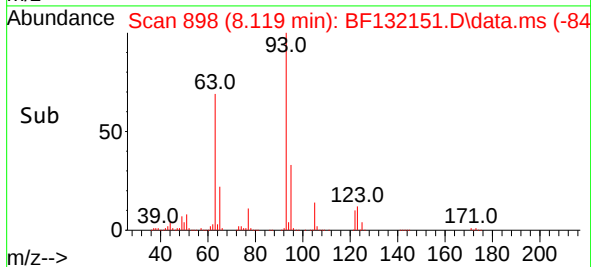
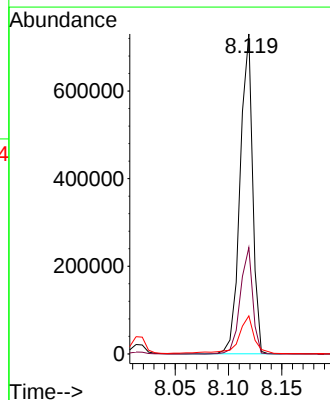
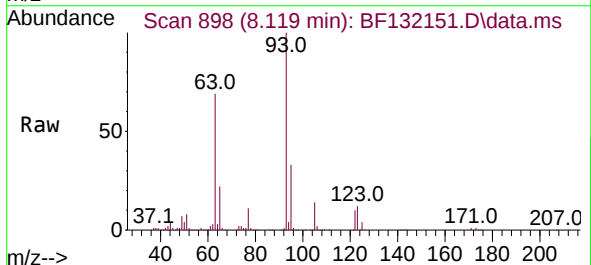
Delta R.T. -0.000 min

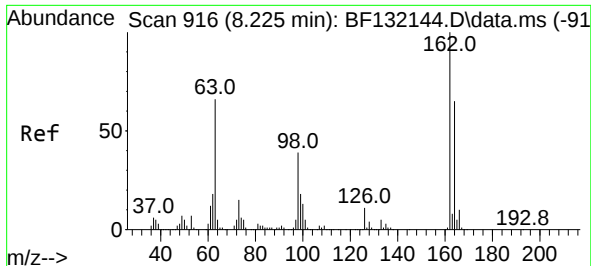
Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Tgt Ion: 93 Resp: 594344

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.2
123	11.9	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 41.901 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

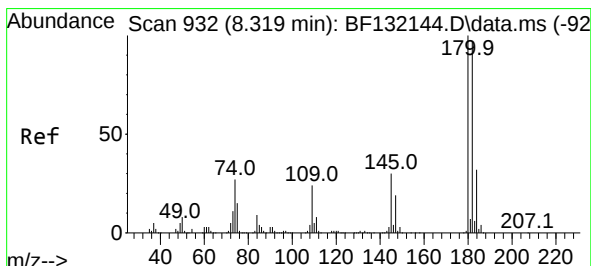
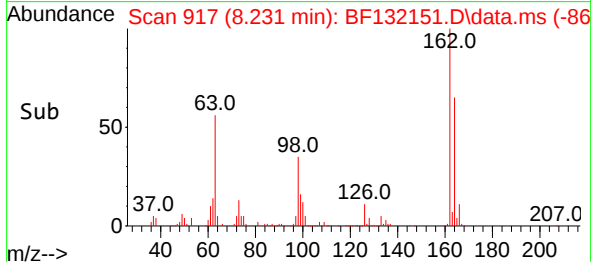
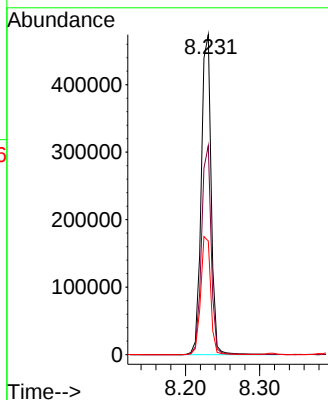
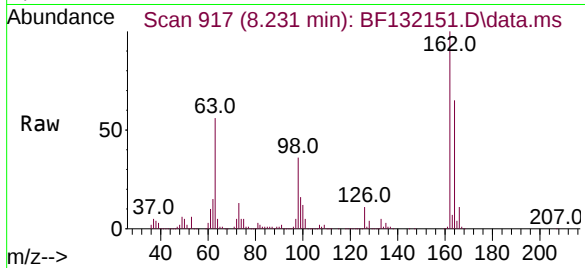
PB150317BSD

Tgt Ion:162 Resp: 437752
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.7 84.7
 98 35.5 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.111 ng

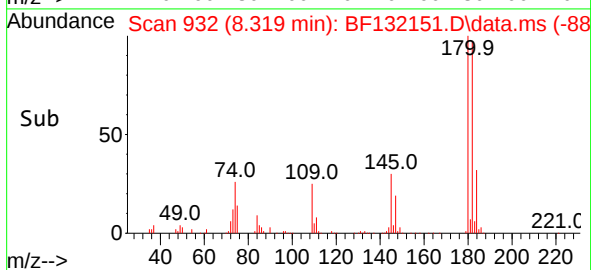
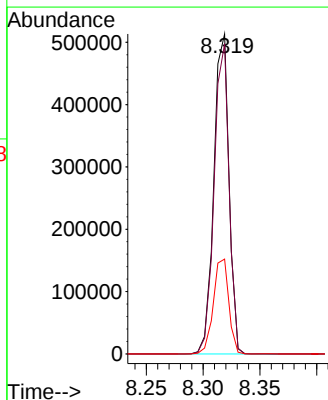
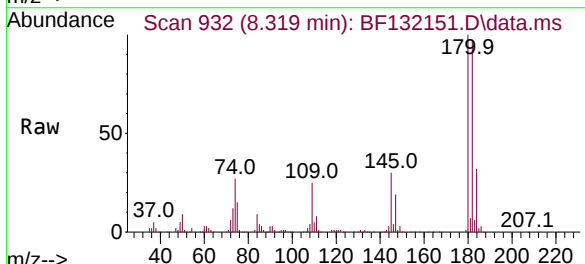
RT: 8.319 min Scan# 932

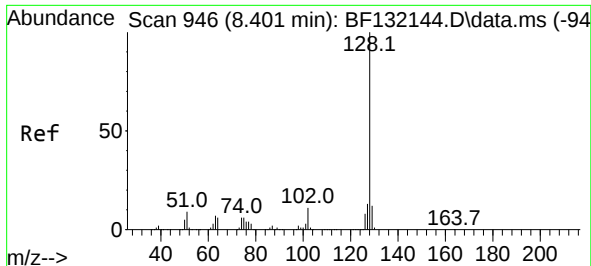
Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

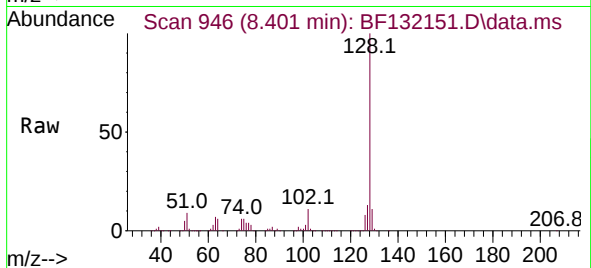
Tgt Ion:180 Resp: 475972
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.4 116.0
 145 29.6 23.8 35.6





#31
Naphthalene
Concen: 38.740 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

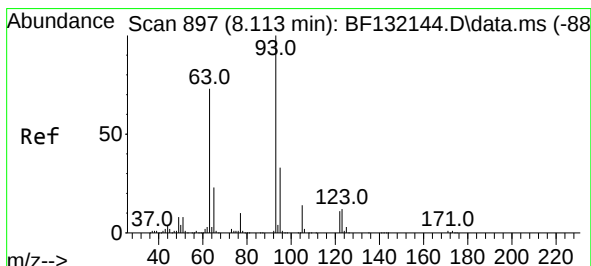
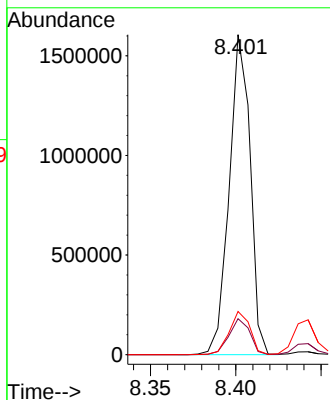
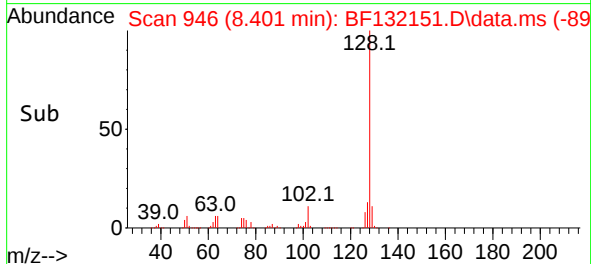
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:128 Resp: 1373774
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.5 10.6 15.8

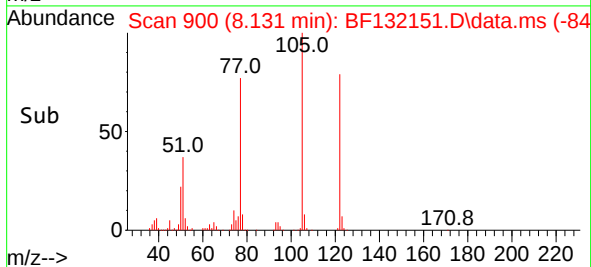
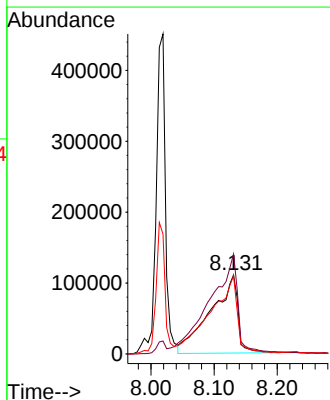
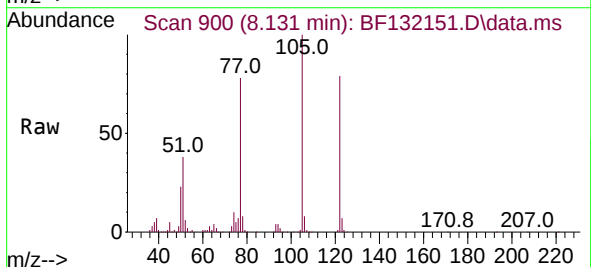
Manual Integrations
APPROVED

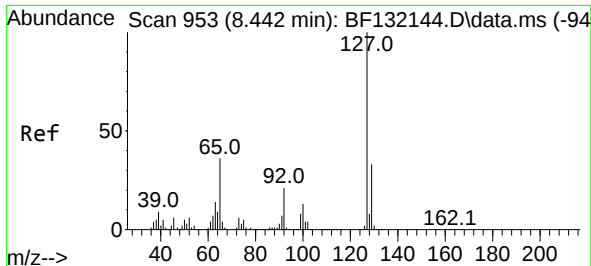
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#32
Benzoic acid
Concen: 45.564 ng
RT: 8.131 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

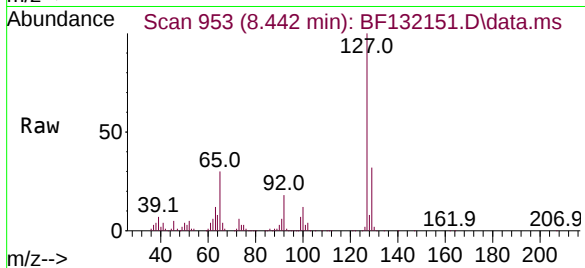
Tgt Ion:122 Resp: 331288
Ion Ratio Lower Upper
122 100
105 126.5 96.8 136.8
77 98.6 72.5 112.5





#33
4-Chloroaniline
Concen: 10.935 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

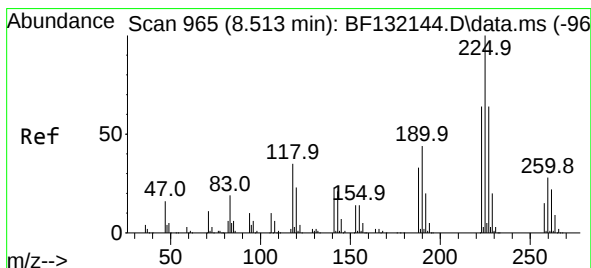
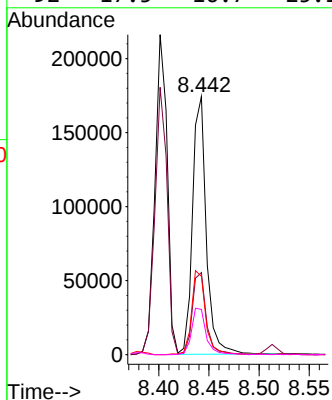
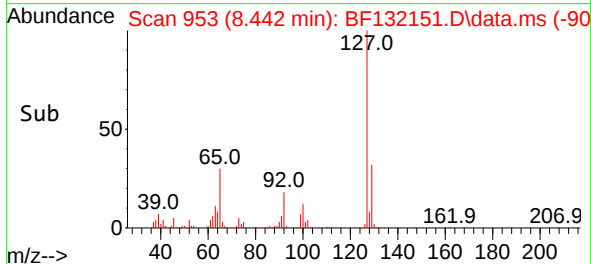
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:127 Resp: 165945
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0
65 30.4 28.4 42.6
92 17.5 16.7 25.1

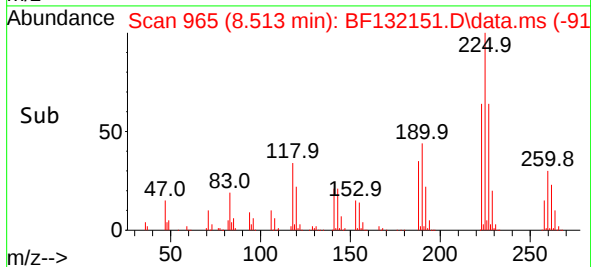
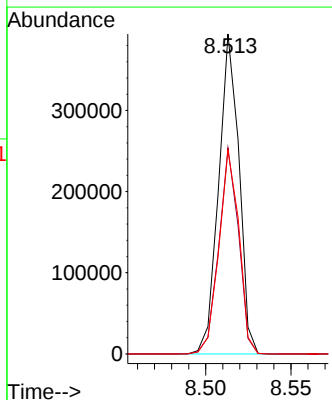
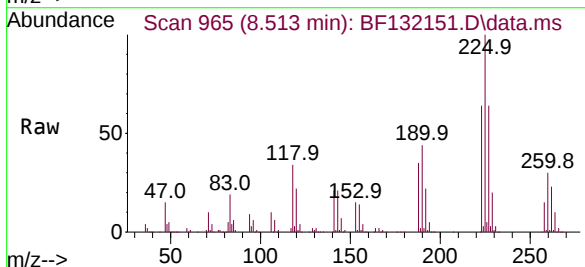
Manual Integrations
APPROVED

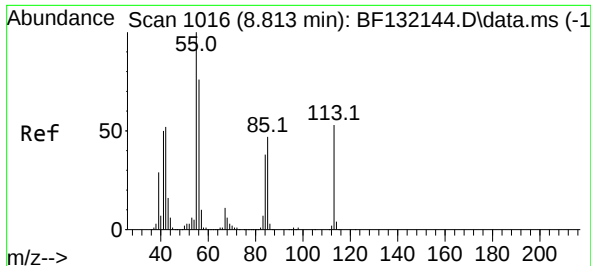
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#34
Hexachlorobutadiene
Concen: 40.873 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

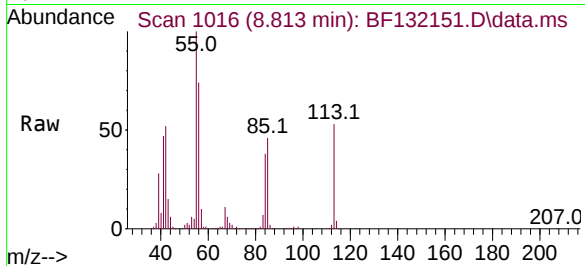
Tgt Ion:225 Resp: 325819
Ion Ratio Lower Upper
225 100
223 64.4 50.9 76.3
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 50.571 ng m
RT: 8.813 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

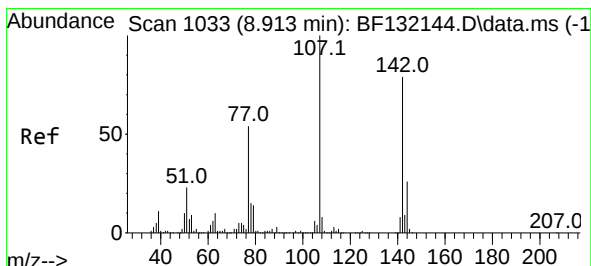
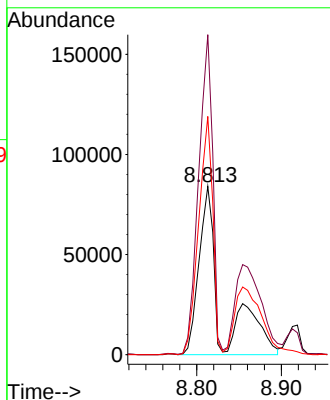
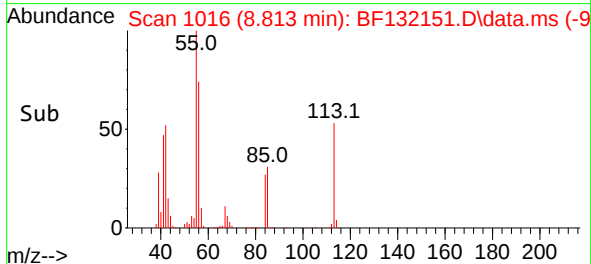
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:113 Resp: 149827
Ion Ratio Lower Upper
113 100
55 190.3 167.5 207.5
56 141.6 122.0 162.0

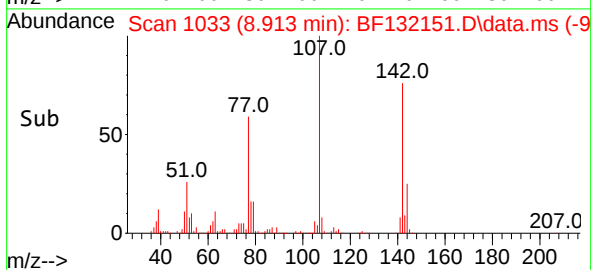
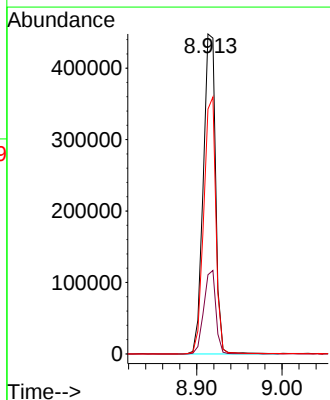
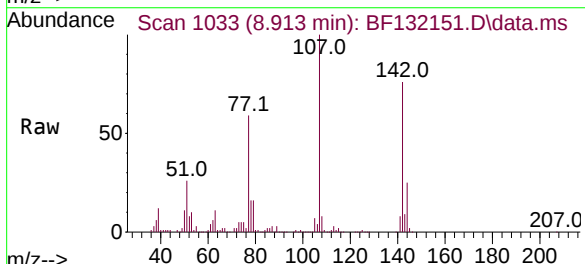
Manual Integrations
APPROVED

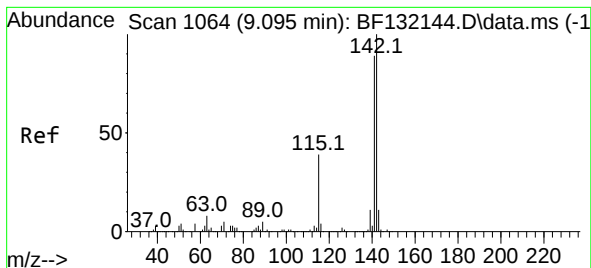
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 42.796 ng
RT: 8.913 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Tgt Ion:107 Resp: 449945
Ion Ratio Lower Upper
107 100
144 24.7 21.0 31.4
142 76.5 63.6 95.4





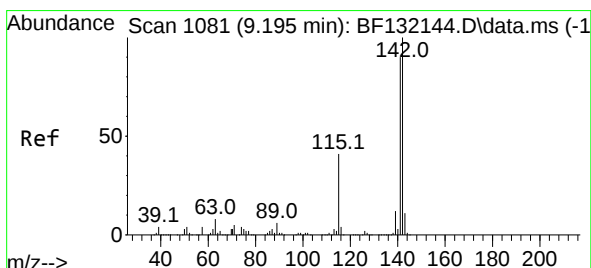
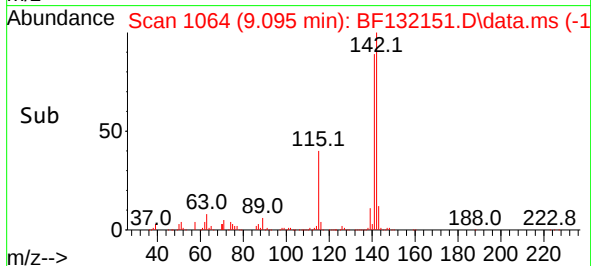
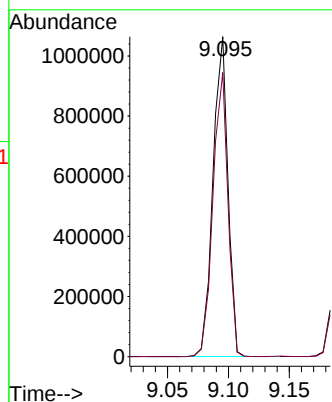
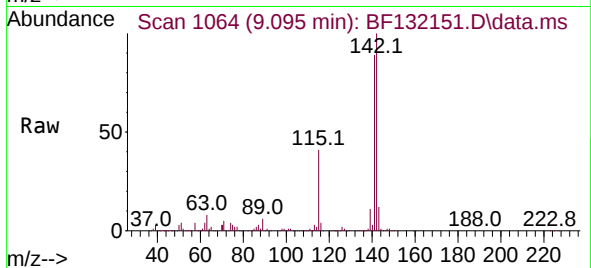
#37
2-Methylnaphthalene
Concen: 37.186 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB150317BSD

Tgt Ion:142 Resp: 907900
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

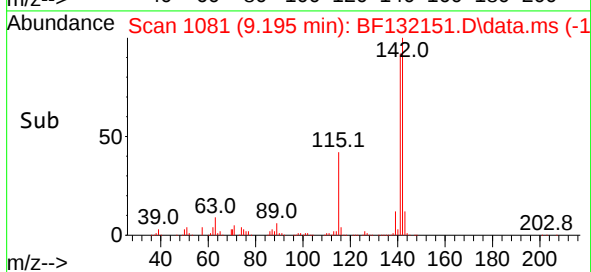
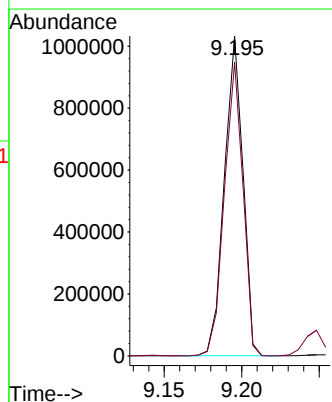
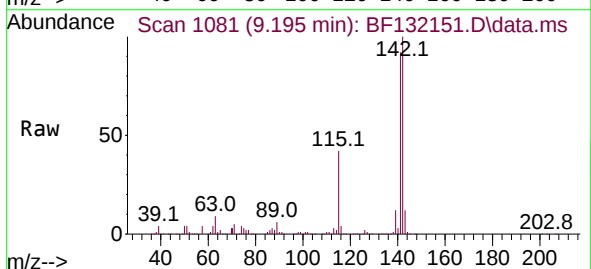
Manual Integrations
APPROVED

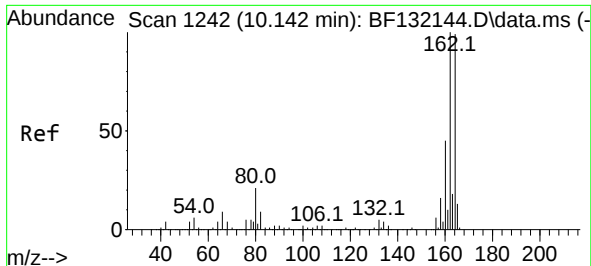
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#38
1-Methylnaphthalene
Concen: 37.929 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Tgt Ion:142 Resp: 861644
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.148 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132151.D

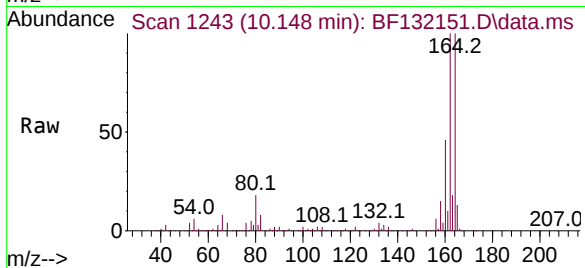
Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD



Tgt Ion:164 Resp: 385764

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

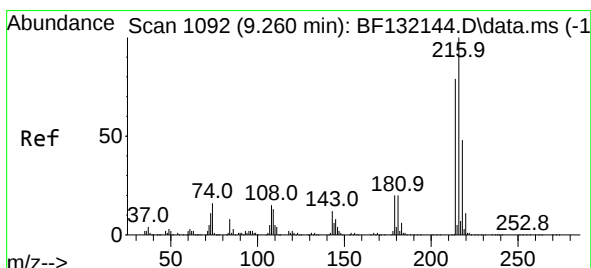
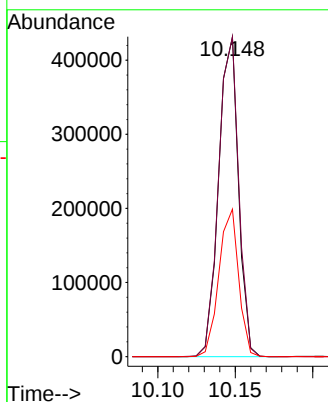
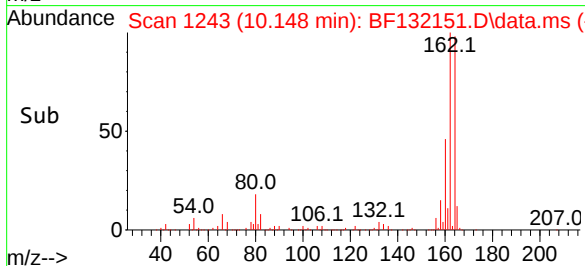
160 46.2 36.9 55.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.326 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Tgt Ion:216 Resp: 487560

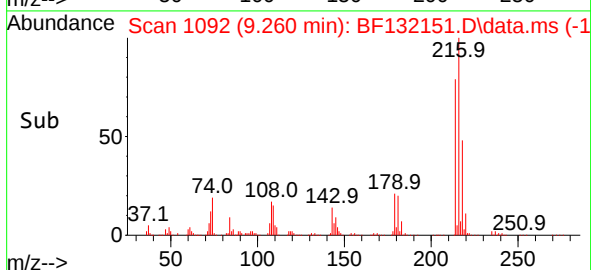
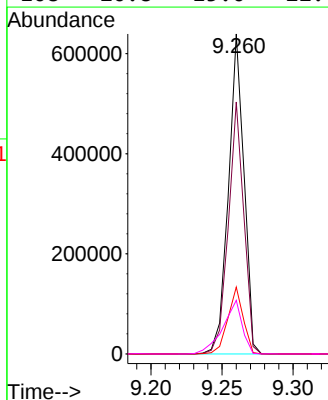
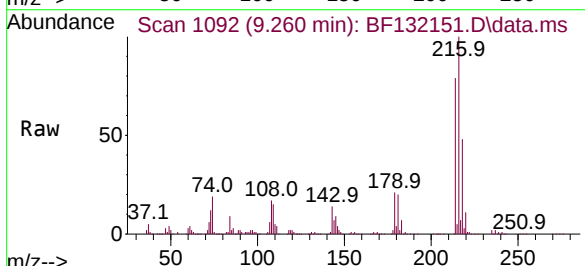
Ion Ratio Lower Upper

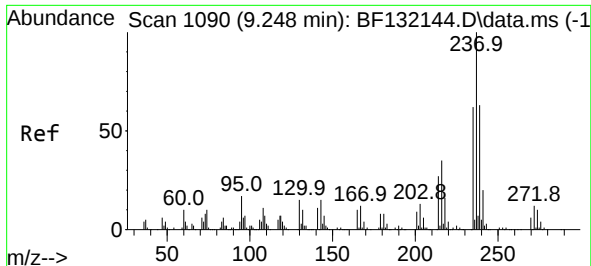
216 100

214 78.0 63.1 94.7

179 20.7 16.6 24.8

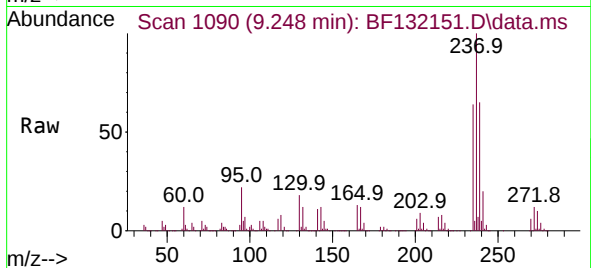
108 20.8 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 80.396 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

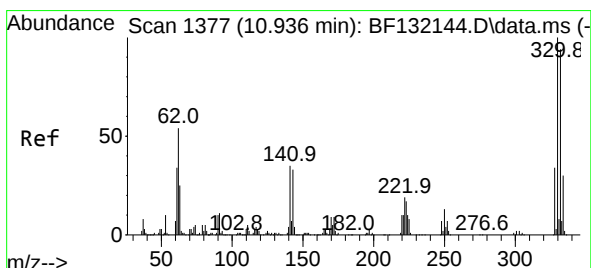
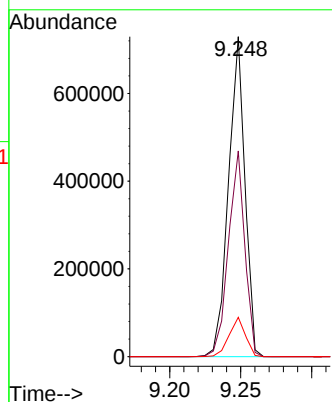
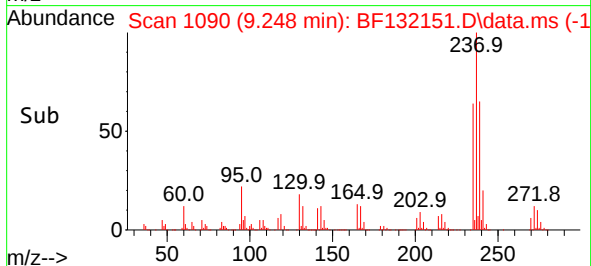
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



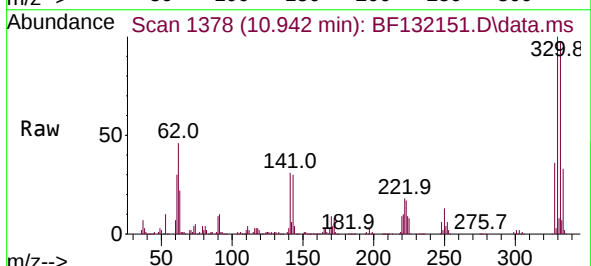
Tgt Ion: 237 Resp: 588846
Ion Ratio Lower Upper
237 100
235 64.3 41.7 81.7
272 12.3 0.0 32.3

Manual Integrations
APPROVED

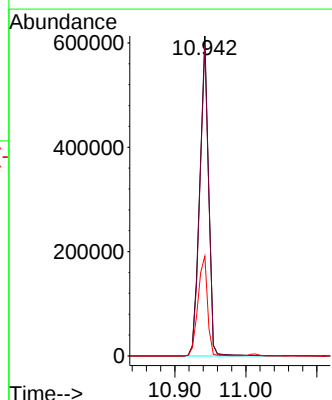
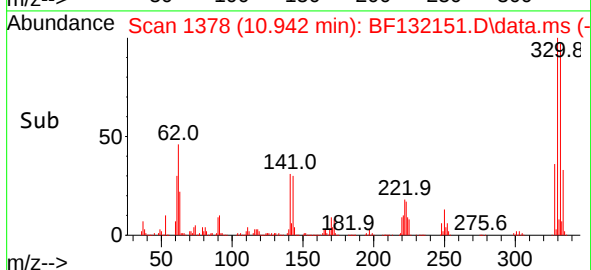
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023

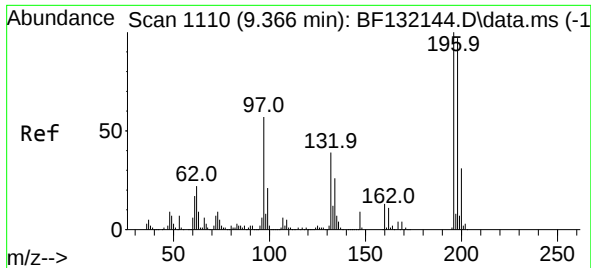


#42
2,4,6-Tribromophenol
Concen: 128.711 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



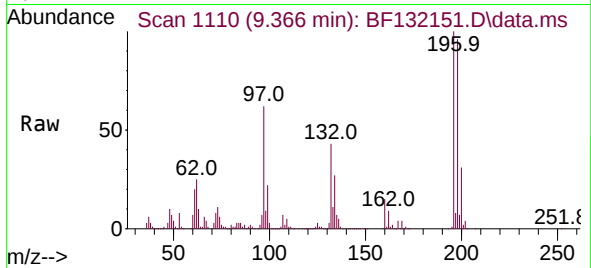
Tgt Ion: 330 Resp: 530360
Ion Ratio Lower Upper
330 100
332 97.4 75.6 113.4
141 33.5 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 40.660 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

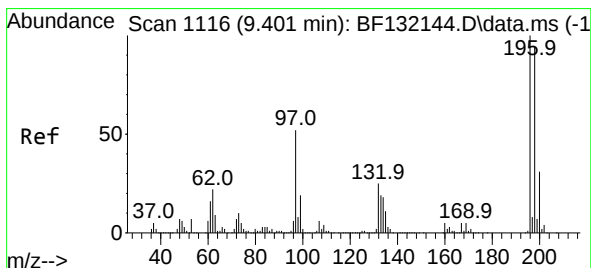
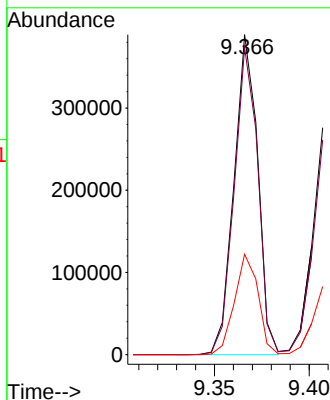
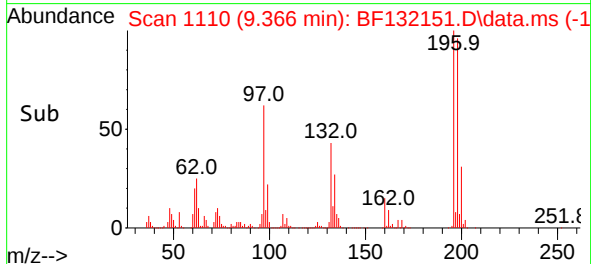
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



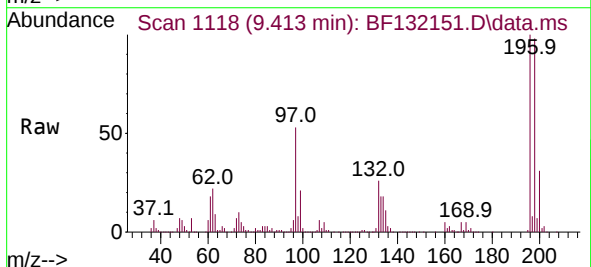
Tgt Ion:196 Resp: 338694
Ion Ratio Lower Upper
196 100
198 96.0 77.4 116.2
200 31.4 24.9 37.3

Manual Integrations
APPROVED

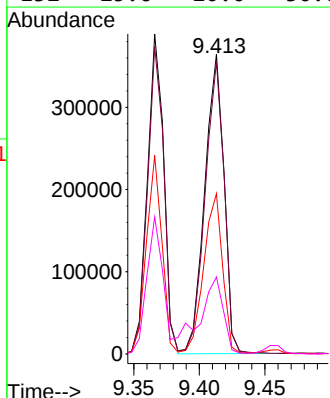
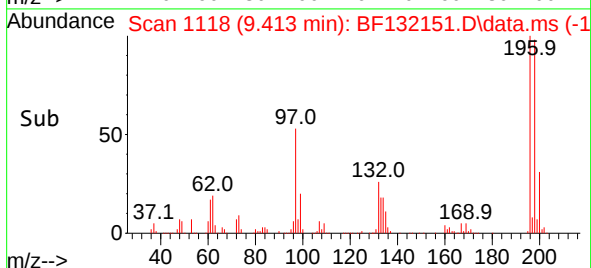
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

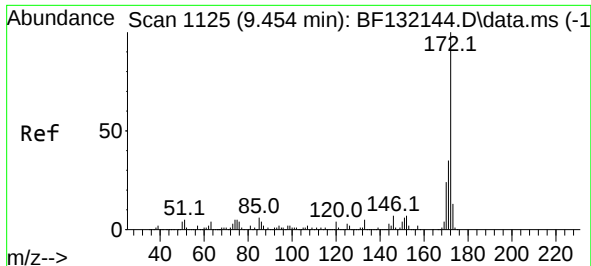


#44
2,4,5-Trichlorophenol
Concen: 38.217 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



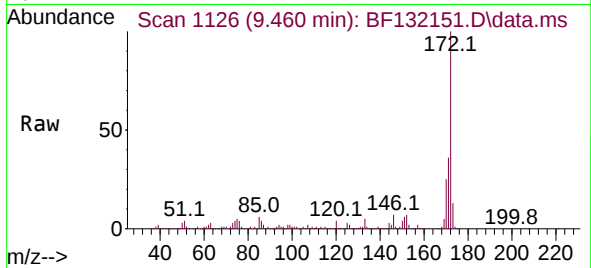
Tgt Ion:196 Resp: 372320
Ion Ratio Lower Upper
196 100
198 97.5 75.3 112.9
97 53.5 41.3 61.9
132 25.6 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 66.964 ng
RT: 9.460 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

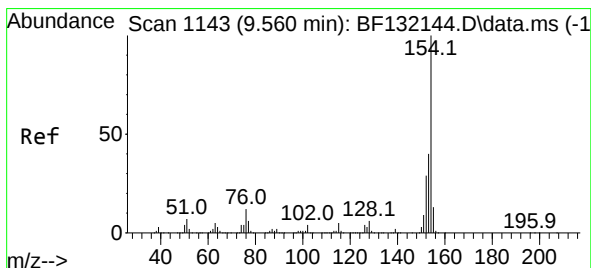
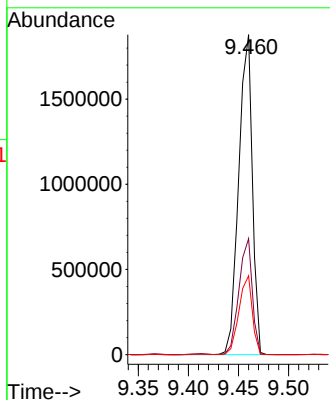
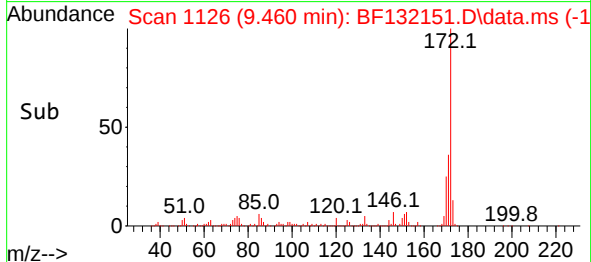
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



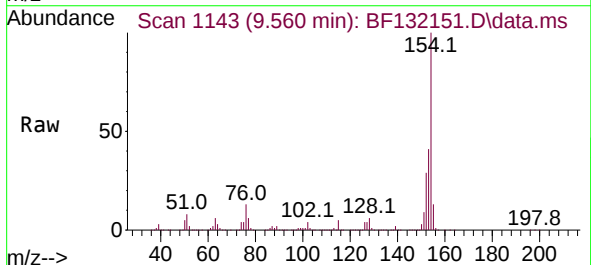
Tgt Ion:172 Resp: 1767859
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.6 19.6 29.4

Manual Integrations
APPROVED

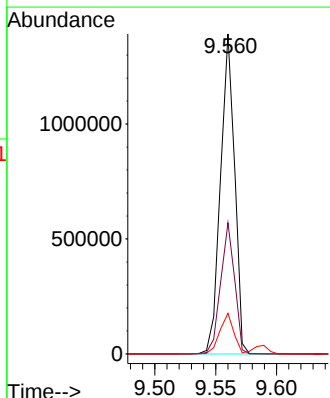
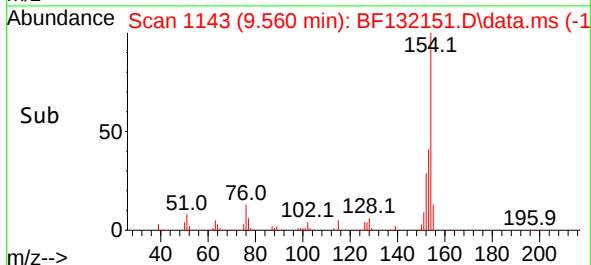
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

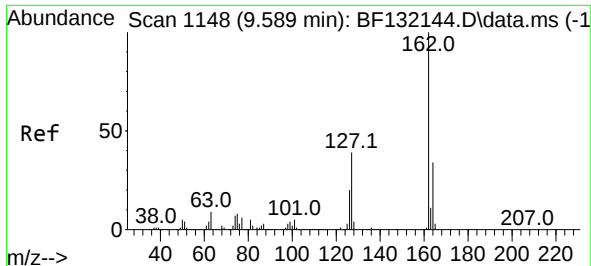


#46
1,1'-Biphenyl
Concen: 36.870 ng
RT: 9.560 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:154 Resp: 1122103
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 37.392 ng

RT: 9.589 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

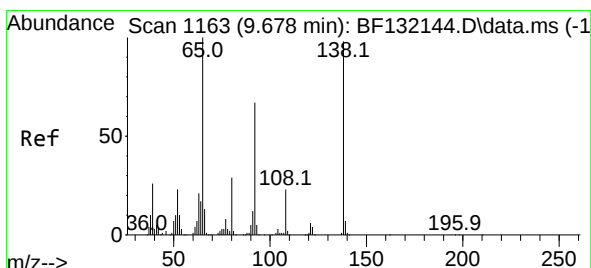
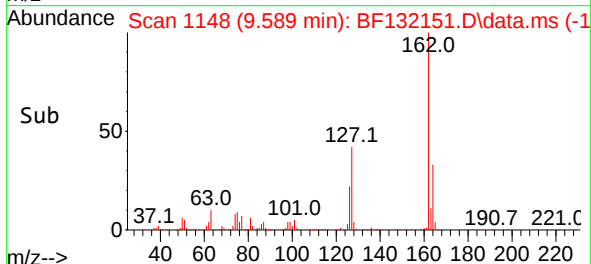
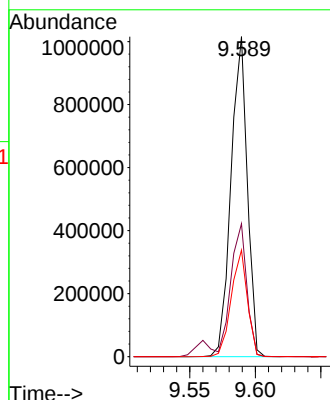
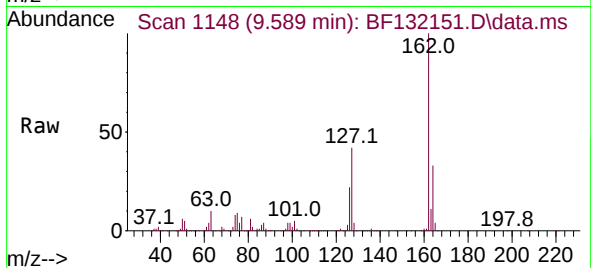
PB150317BSD

Tgt Ion:162 Resp: 879709
 Ion Ratio Lower Upper
 162 100
 127 41.5 31.1 46.7
 164 33.3 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#48

2-Nitroaniline

Concen: 41.543 ng

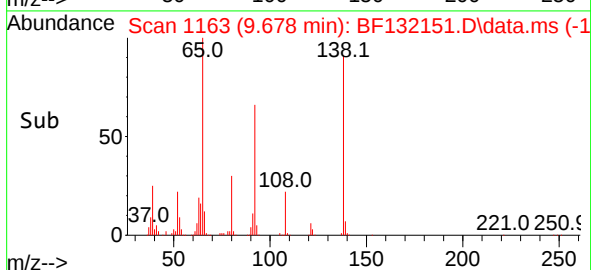
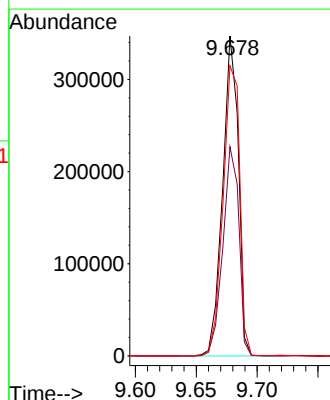
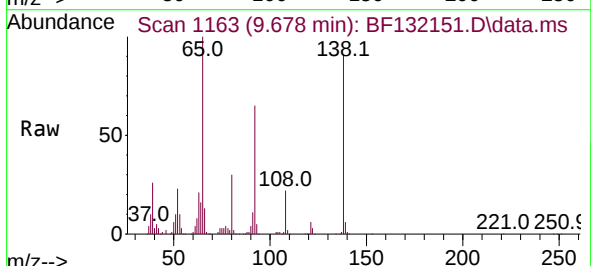
RT: 9.678 min Scan# 1163

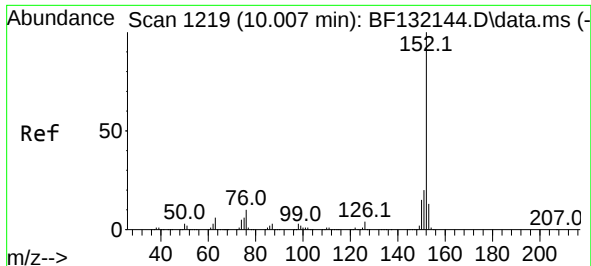
Delta R.T. -0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

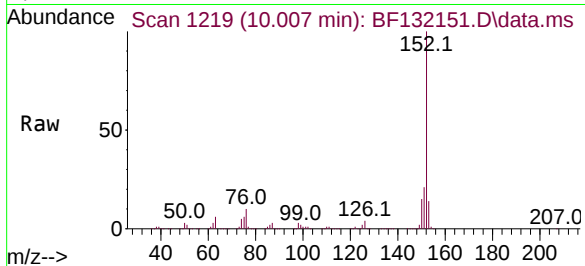
Tgt Ion: 65 Resp: 309842
 Ion Ratio Lower Upper
 65 100
 92 65.3 53.8 80.6
 138 90.7 78.7 118.1





#49
Acenaphthylene
Concen: 36.934 ng
RT: 10.007 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

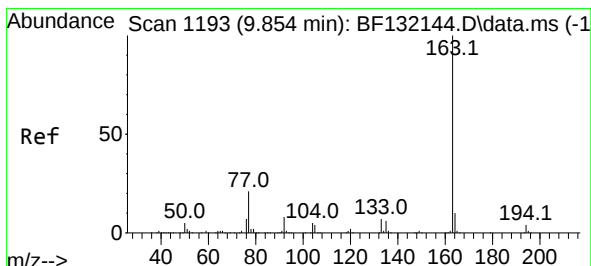
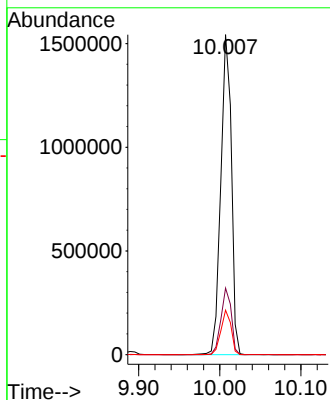
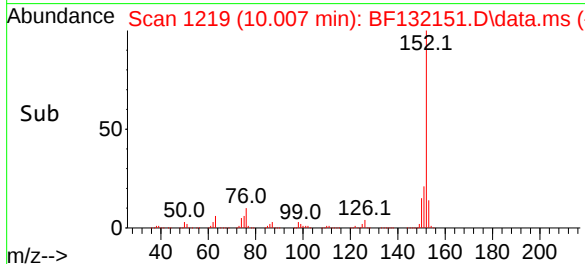
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



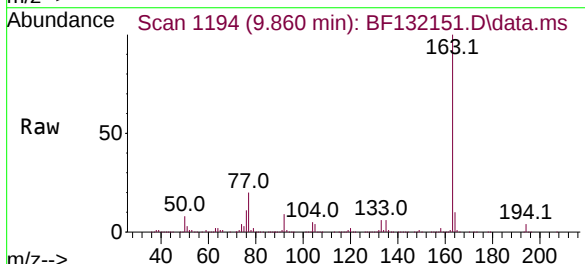
Tgt Ion:152 Resp: 1390076
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 10.6 15.8

Manual Integrations
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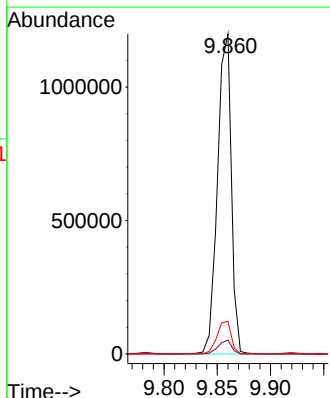
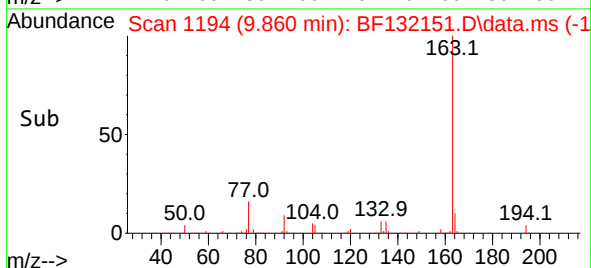
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

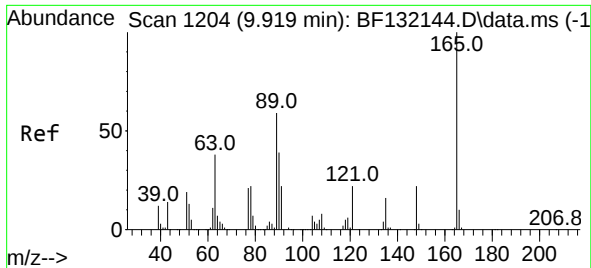


#50
Dimethylphthalate
Concen: 38.824 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



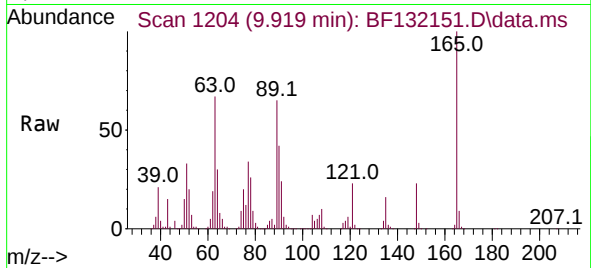
Tgt Ion:163 Resp: 1084730
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.880 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

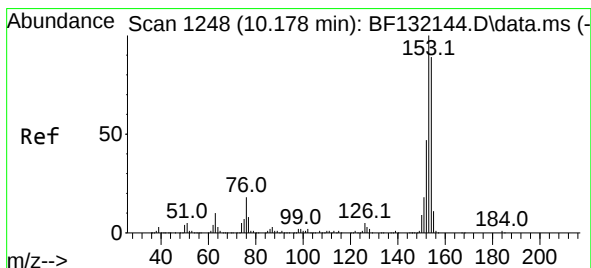
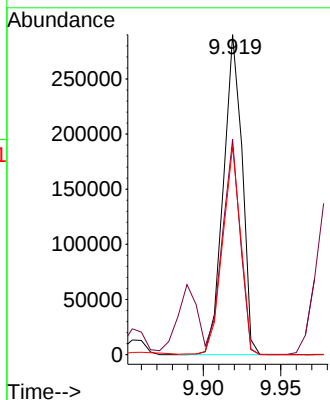
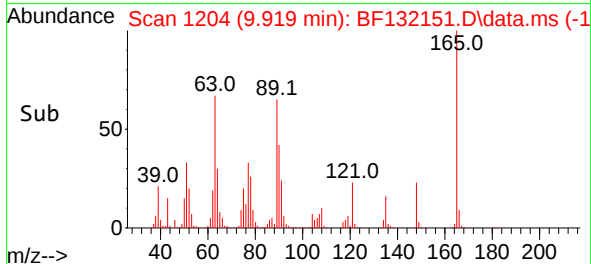
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



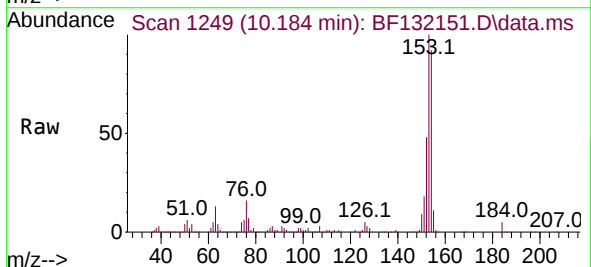
Tgt Ion:165 Resp: 243040
Ion Ratio Lower Upper
165 100
63 67.3 46.6 70.0
89 65.2 47.4 71.2

Manual Integrations
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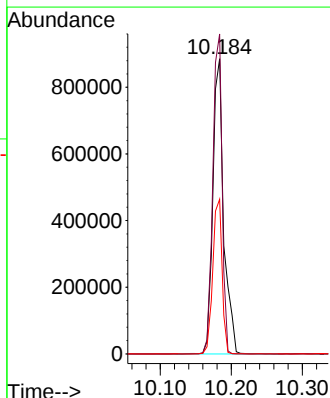
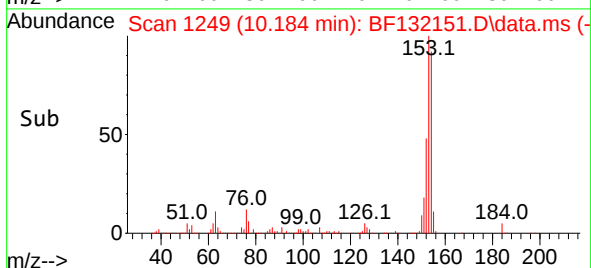
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

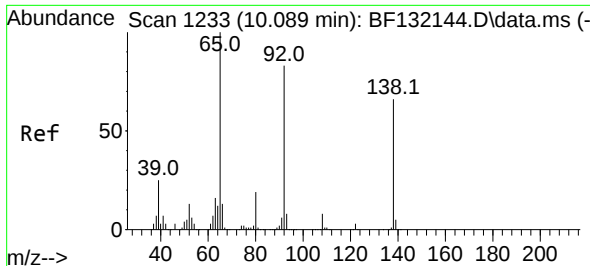


#52
Acenaphthene
Concen: 41.695 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



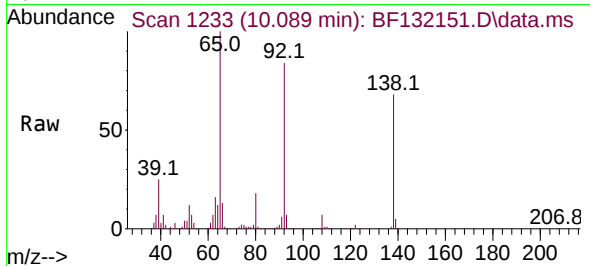
Tgt Ion:154 Resp: 943902
Ion Ratio Lower Upper
154 100
153 108.5 89.8 134.8
152 52.4 42.3 63.5





#53
3-Nitroaniline
Concen: 26.259 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

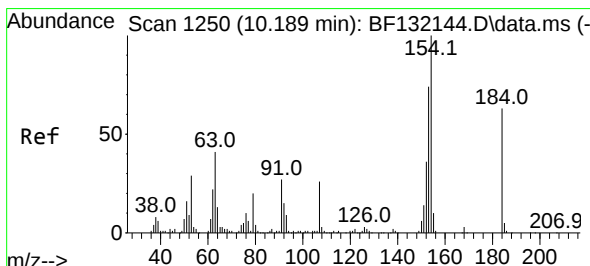
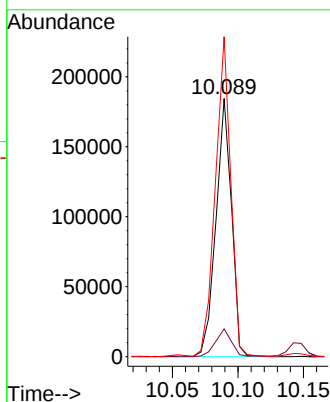
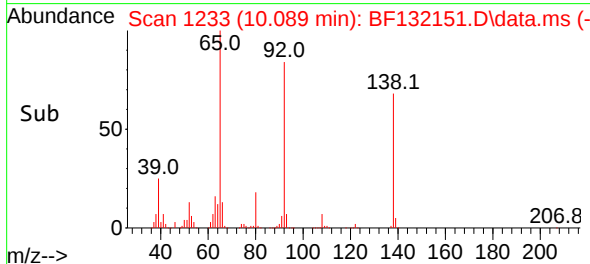
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



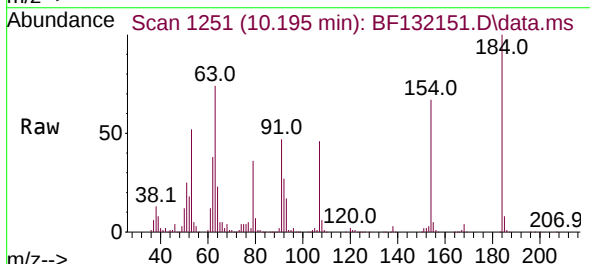
Tgt Ion:138 Resp: 152037
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 124.0 101.2 151.8

Manual Integrations
APPROVED

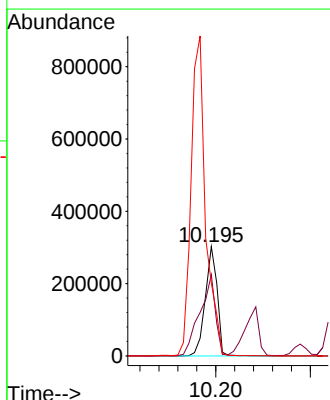
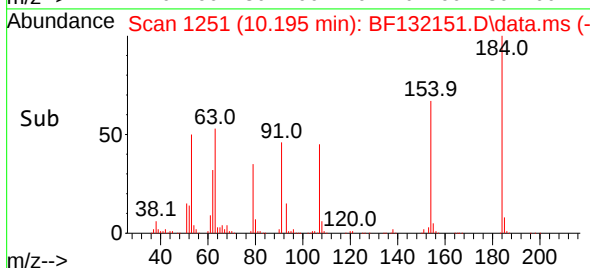
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

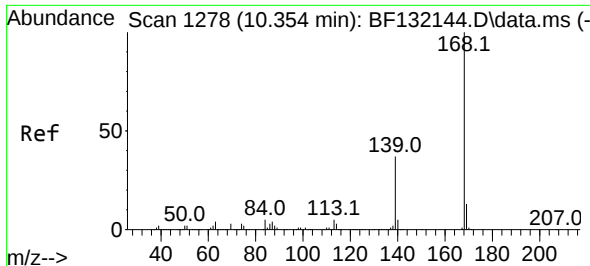


#54
2,4-Dinitrophenol
Concen: 102.910 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



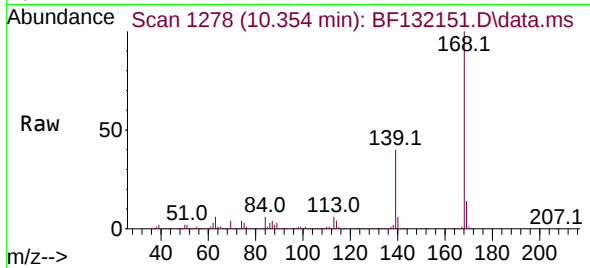
Tgt Ion:184 Resp: 264071
Ion Ratio Lower Upper
184 100
63 74.2 53.2 79.8
154 66.7 129.4 194.0#





#55
Dibenzenofuran
Concen: 36.993 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

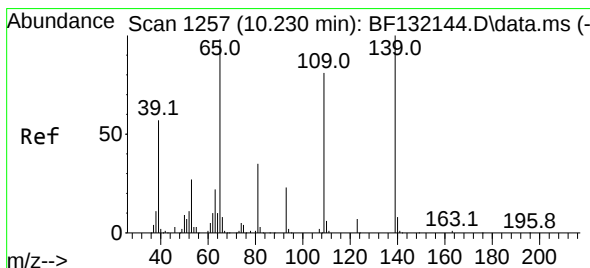
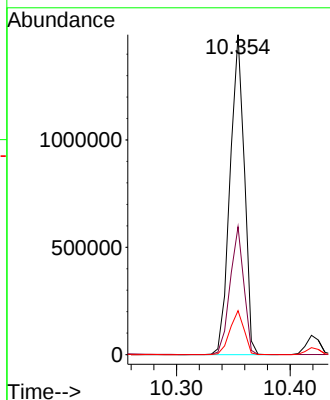
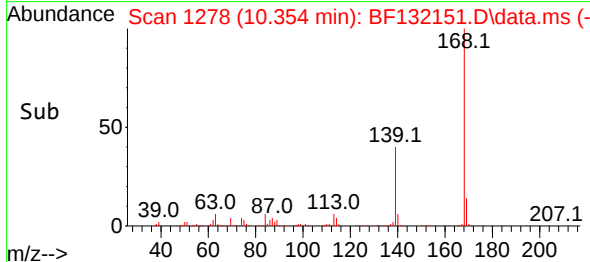
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



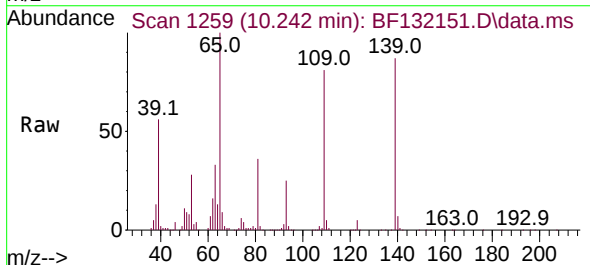
Tgt Ion:168 Resp: 1294173
Ion Ratio Lower Upper
168 100
139 40.0 29.8 44.8
169 13.7 10.3 15.5

Manual Integrations
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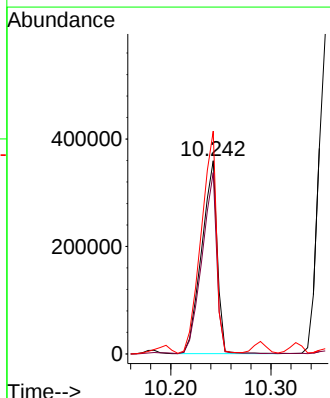
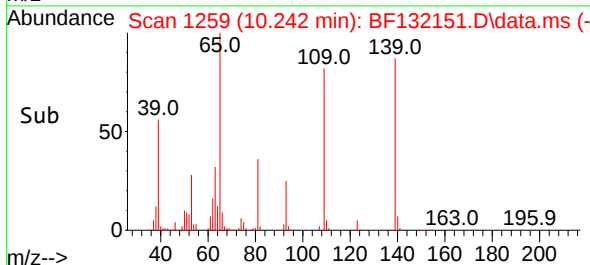
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

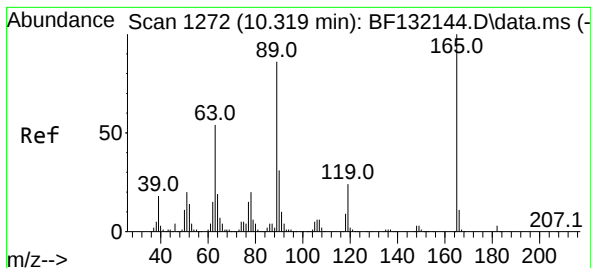


#56
4-Nitrophenol
Concen: 92.020 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



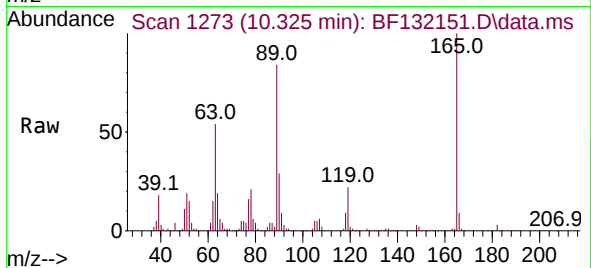
Tgt Ion:139 Resp: 387752
Ion Ratio Lower Upper
139 100
109 93.9 61.0 101.0
65 115.4 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 49.094 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

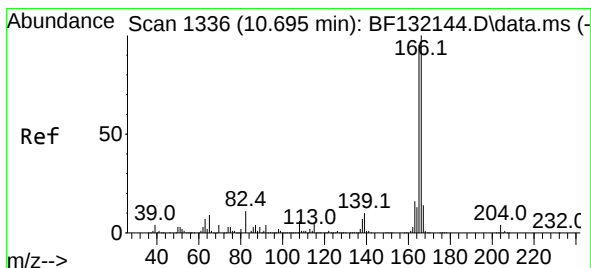
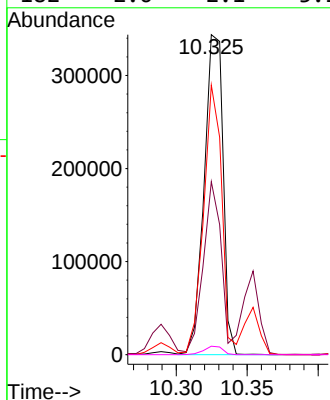
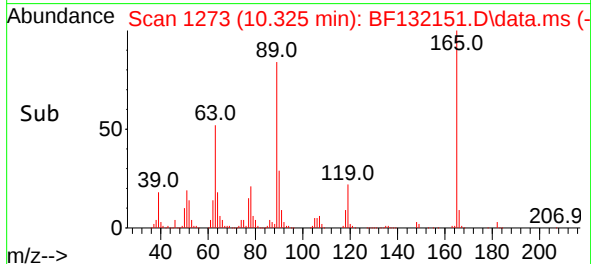
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



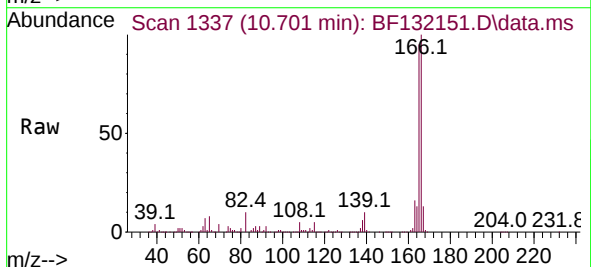
Tgt Ion:165 Resp: 31912
Ion Ratio Lower Upper
165 100
63 54.0 43.5 65.3
89 84.2 69.0 103.6
182 2.6 2.1 3.1

Manual Integrations
APPROVED

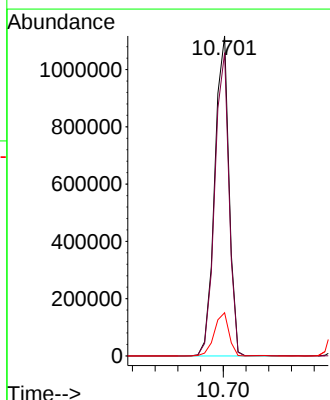
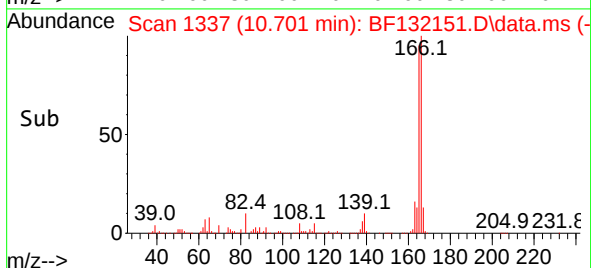
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

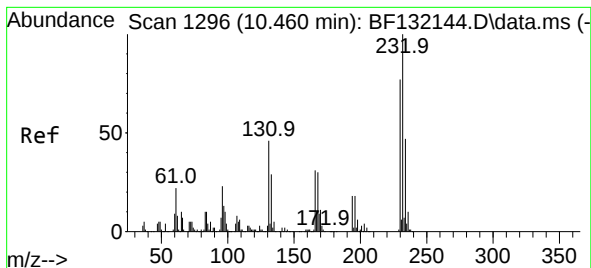


#58
Fluorene
Concen: 37.709 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



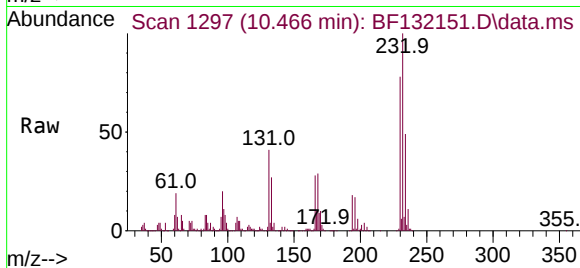
Tgt Ion:166 Resp: 977514
Ion Ratio Lower Upper
166 100
165 94.7 76.4 114.6
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.217 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

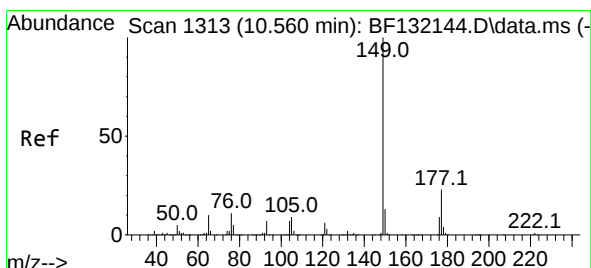
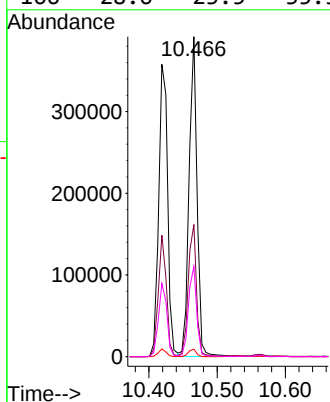
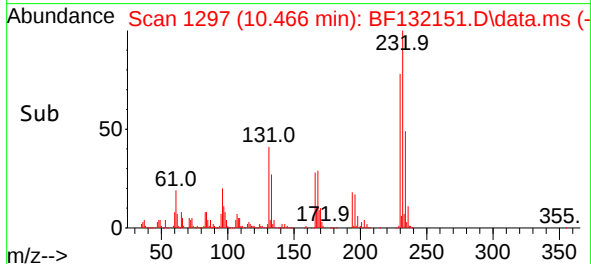
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:232 Resp: 320270
Ion Ratio Lower Upper
232 100
131 42.1 33.8 50.6
130 2.4 1.9 2.9
166 28.6 23.5 35.3

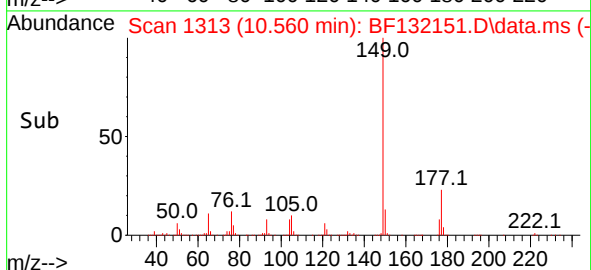
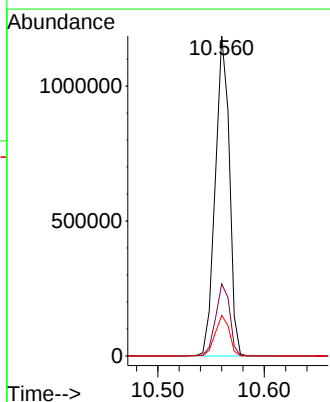
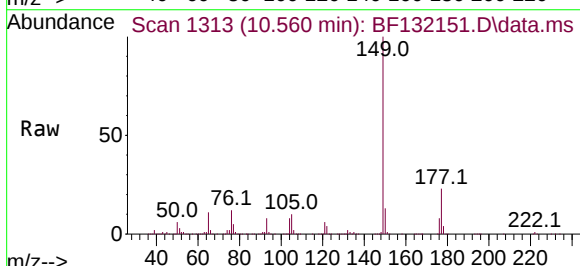
Manual Integrations
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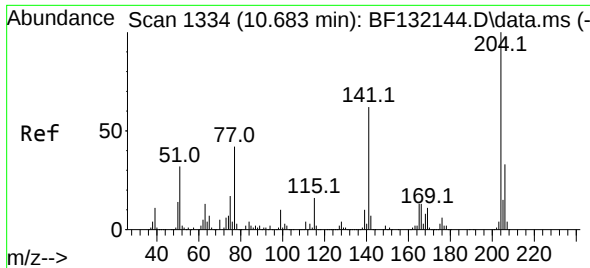
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#60
Diethylphthalate
Concen: 39.894 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

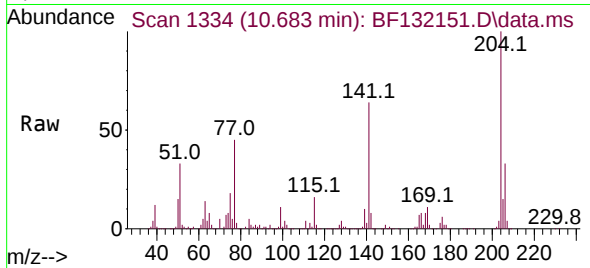
Tgt Ion:149 Resp: 1093027
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.262 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

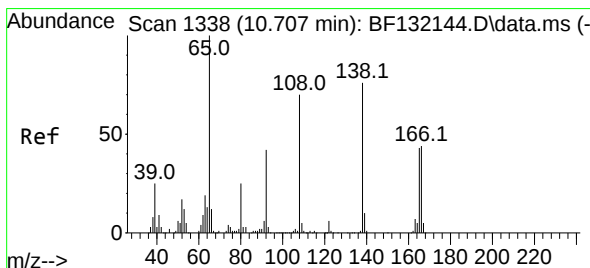
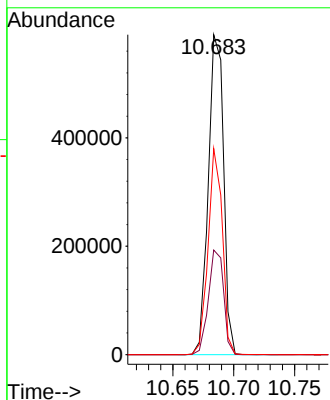
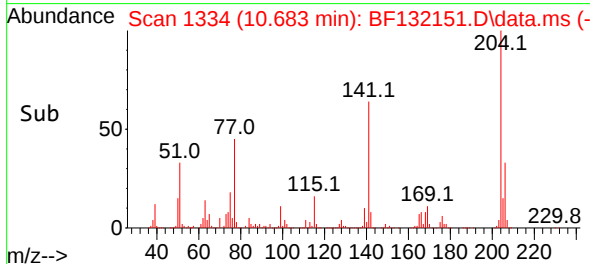
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



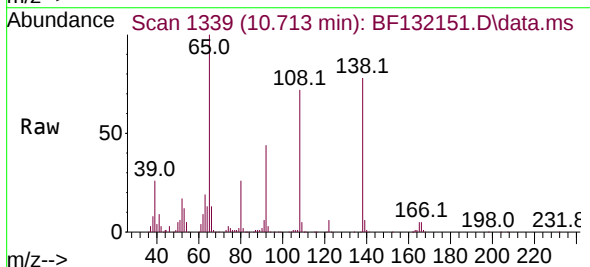
Tgt Ion:204 Resp: 517233
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 64.4 49.2 73.8

Manual Integrations
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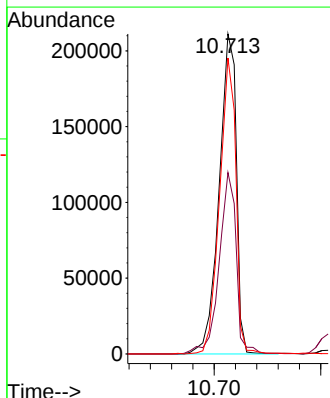
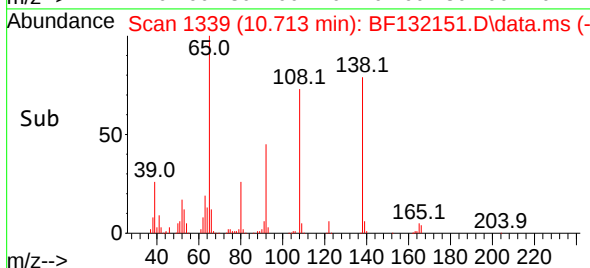
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

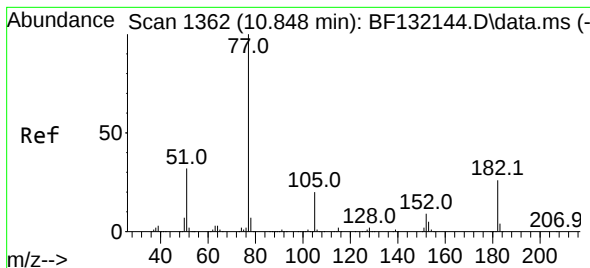


#62
4-Nitroaniline
Concen: 44.087 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:138 Resp: 237640
Ion Ratio Lower Upper
138 100
92 56.7 35.9 75.9
108 92.5 72.0 112.0





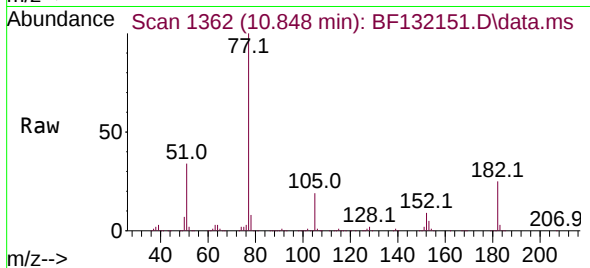
#63
Azobenzene
Concen: 38.125 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD

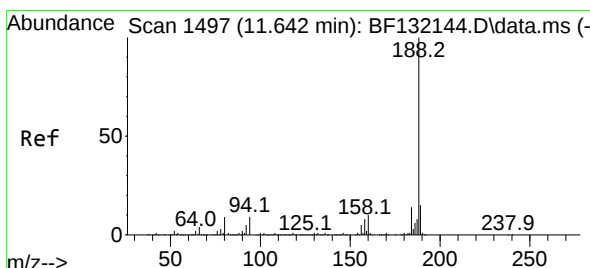
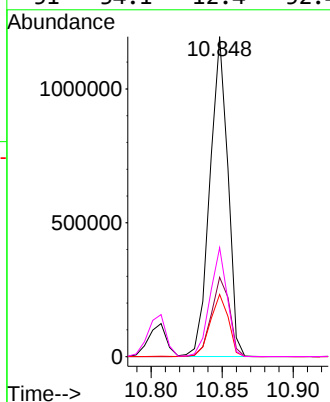
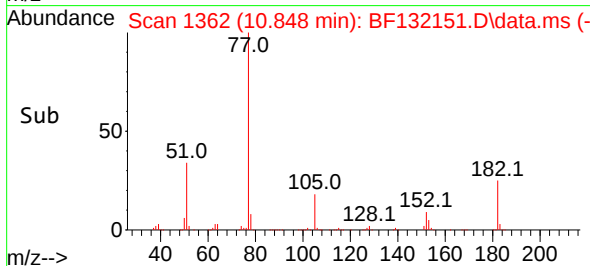


Tgt Ion: 77 Resp: 1048334
Ion Ratio Lower Upper
77 100
182 24.8 6.4 46.4
105 19.4 0.0 39.8
51 34.1 12.4 52.4

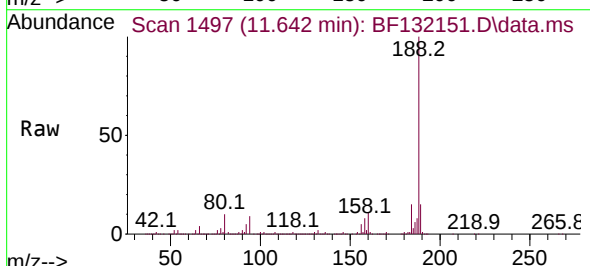
Manual Integrations

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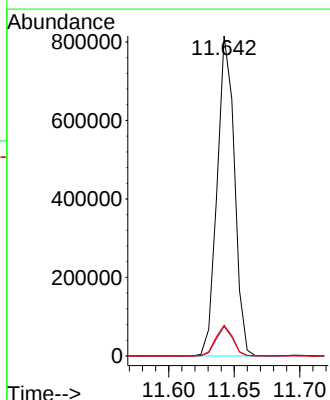
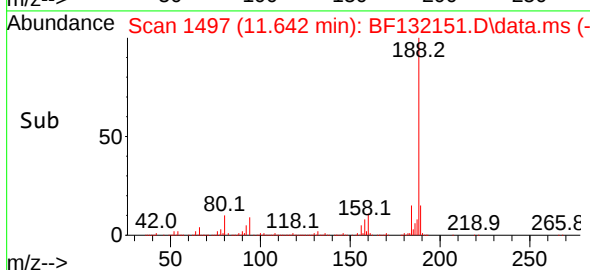
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

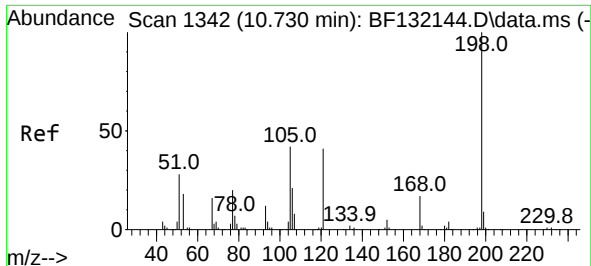


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:188 Resp: 750849
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 9.6 7.5 11.3





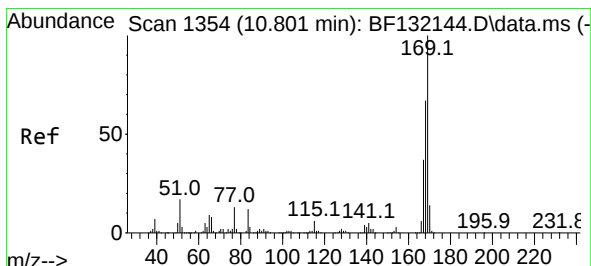
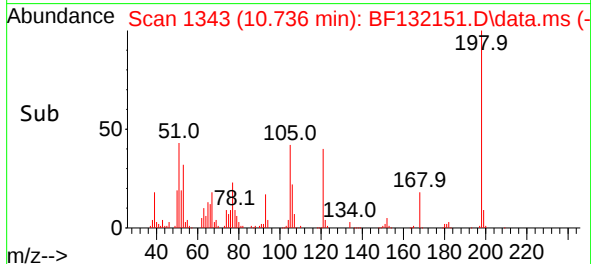
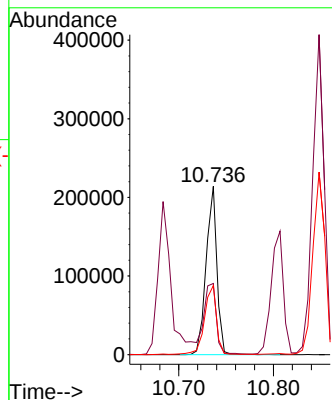
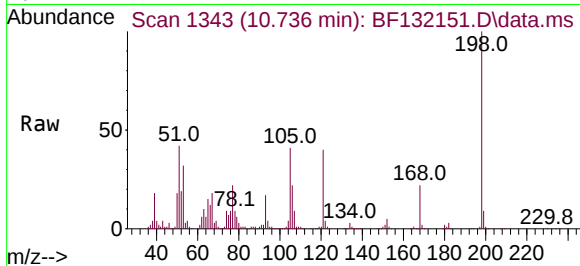
#65
4,6-Dinitro-2-methylphenol
Concen: 46.282 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB150317BSD

Tgt Ion:198 Resp: 169412
Ion Ratio Lower Upper
198 100
51 42.3 24.3 64.3
105 41.0 23.3 63.3

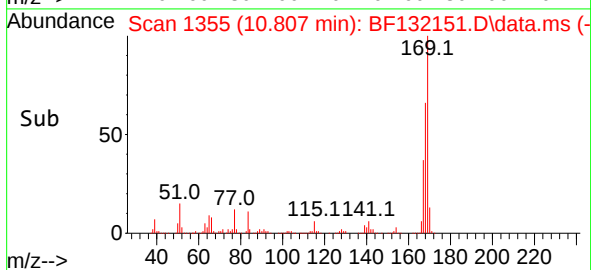
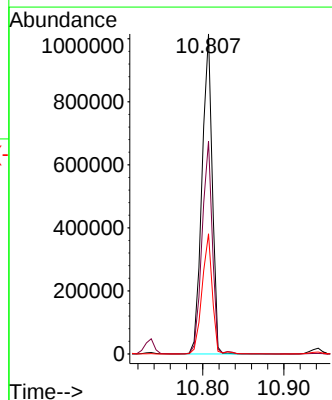
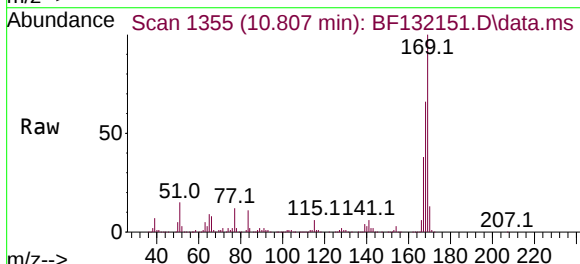
Manual Integrations
APPROVED

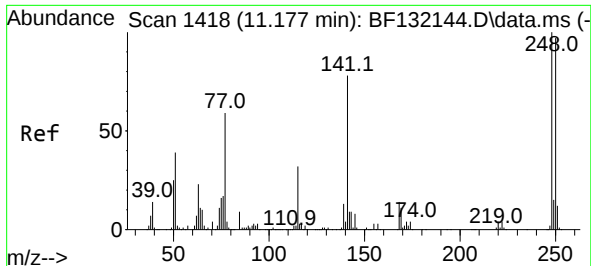
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#66
n-Nitrosodiphenylamine
Concen: 36.841 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

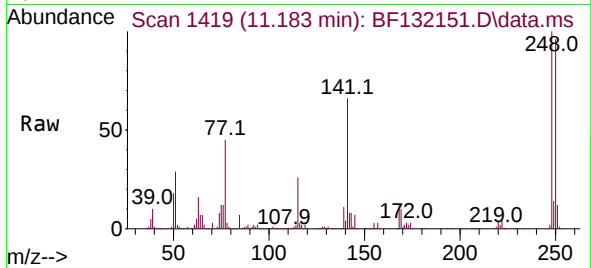
Tgt Ion:169 Resp: 885918
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 37.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 37.960 ng
RT: 11.183 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

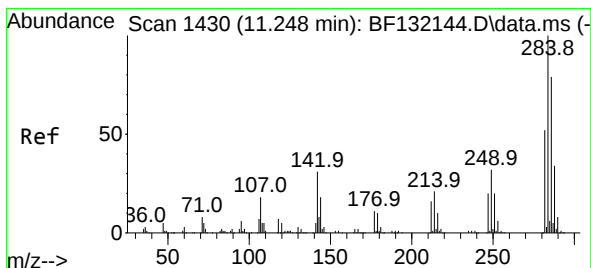
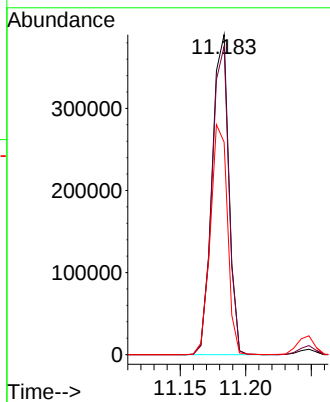
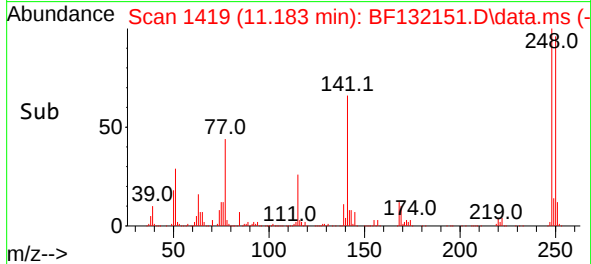
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



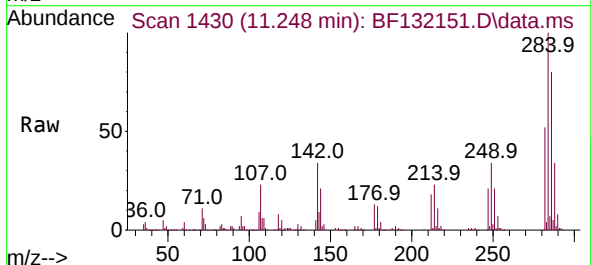
Tgt Ion:248 Resp: 347416
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.0
141 66.4 62.2 93.2

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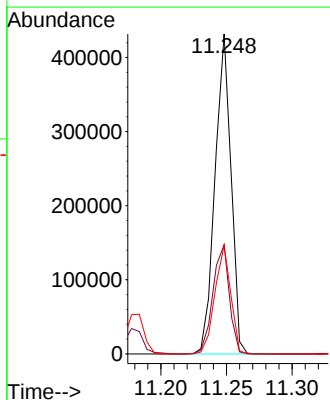
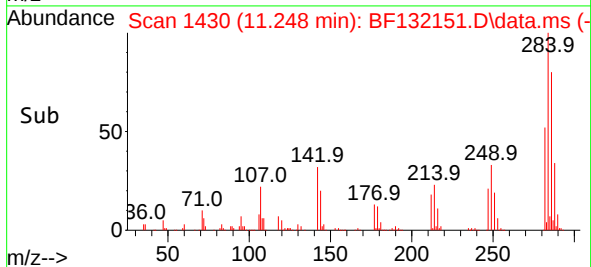
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

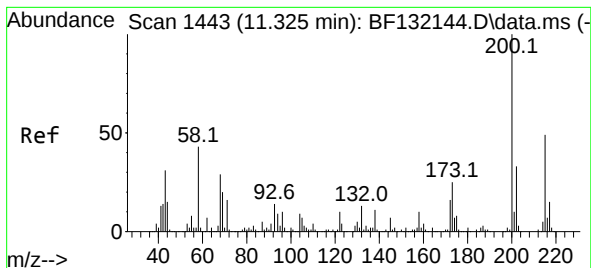


#68
Hexachlorobenzene
Concen: 40.251 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:284 Resp: 366112
Ion Ratio Lower Upper
284 100
142 34.1 24.7 37.1
249 33.9 25.6 38.4





#69

Atrazine

Concen: 31.468 ng

RT: 11.325 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

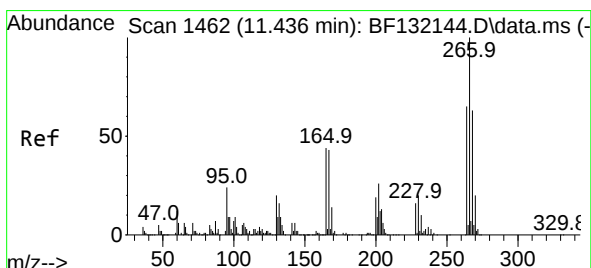
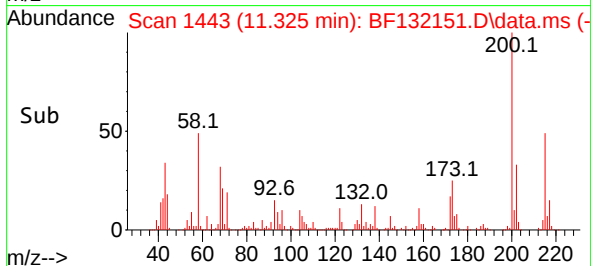
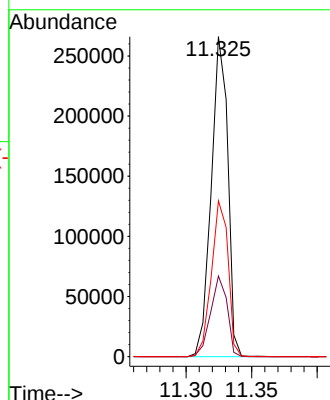
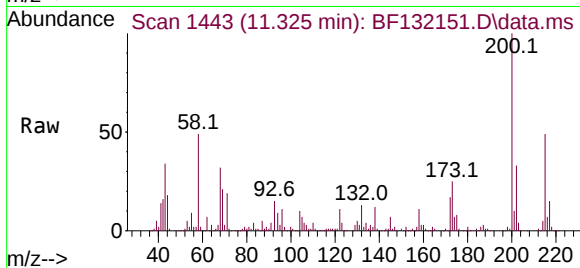
PB150317BSD

Tgt Ion:200 Resp: 233463
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.0 45.0
 215 48.7 28.6 68.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#70

Pentachlorophenol

Concen: 77.459 ng

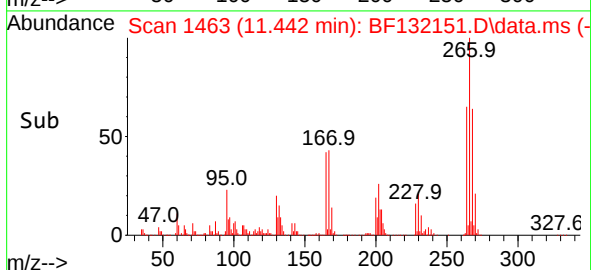
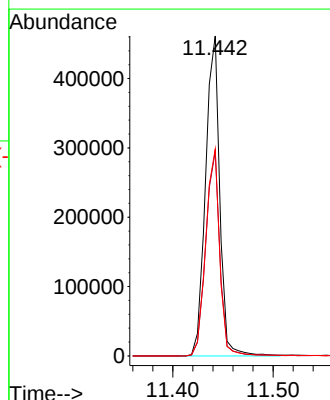
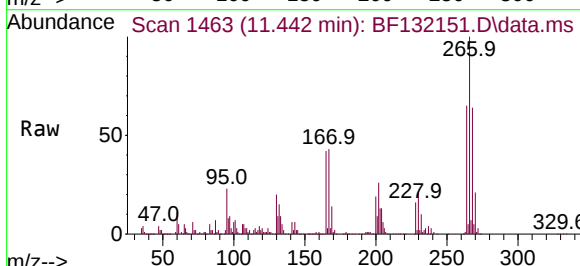
RT: 11.442 min Scan# 1463

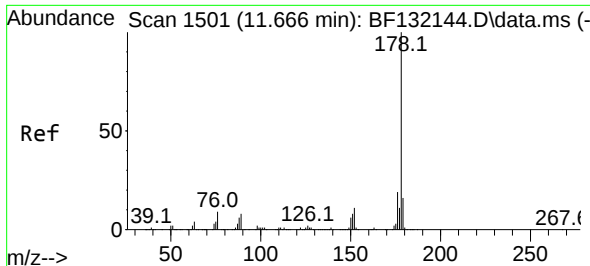
Delta R.T. 0.006 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Tgt Ion:266 Resp: 452755
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.8 76.2
 264 64.6 52.3 78.5





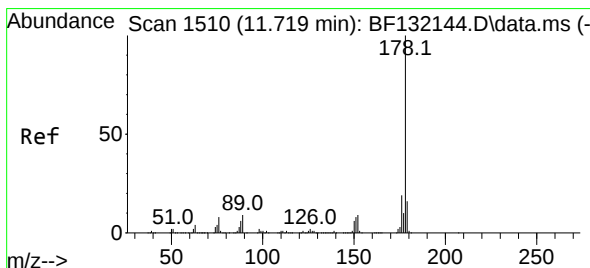
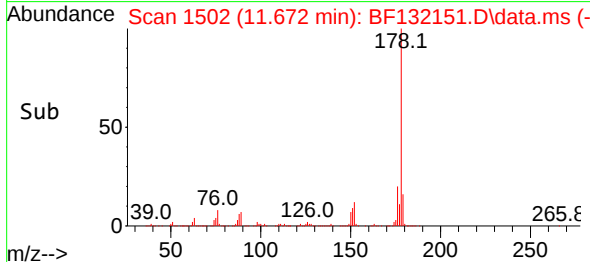
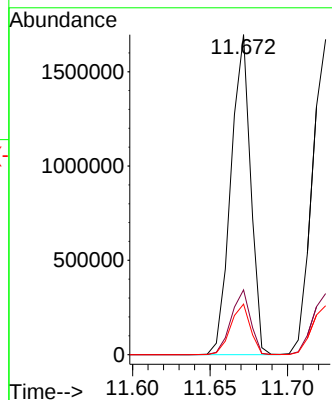
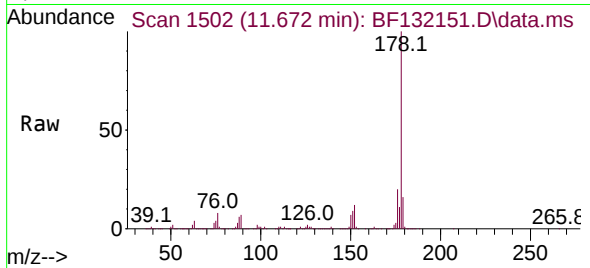
#71
Phenanthrene
Concen: 38.039 ng
RT: 11.672 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB150317BSD

Tgt Ion:178 Resp: 1498869
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.8 12.6 19.0

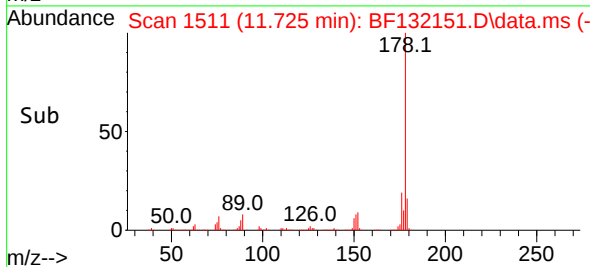
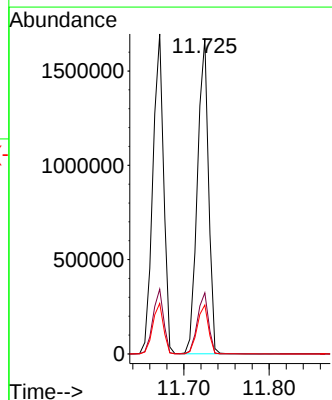
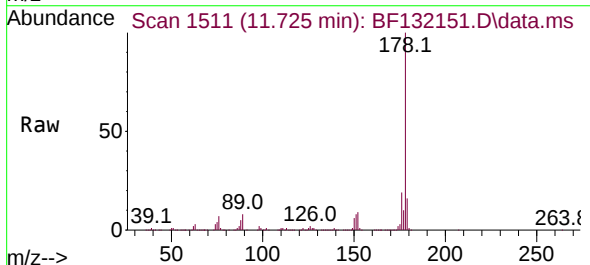
Manual Integrations
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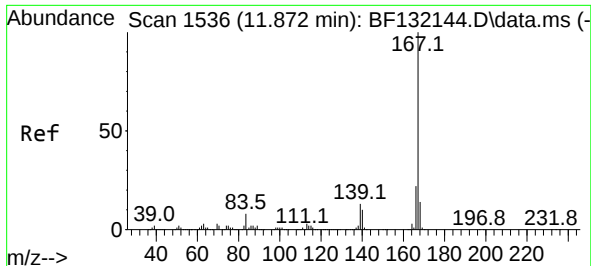
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#72
Anthracene
Concen: 37.901 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

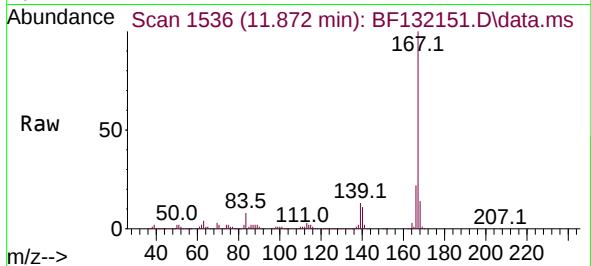
Tgt Ion:178 Resp: 1510831
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 41.053 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF132151.D
 Acq: 19 Jan 2023 18:03

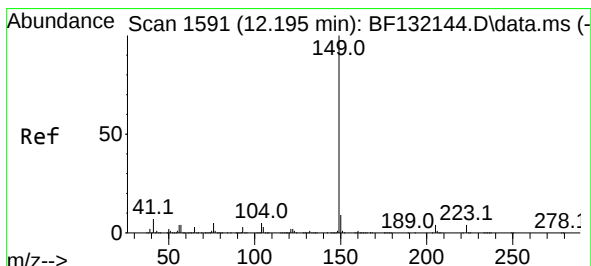
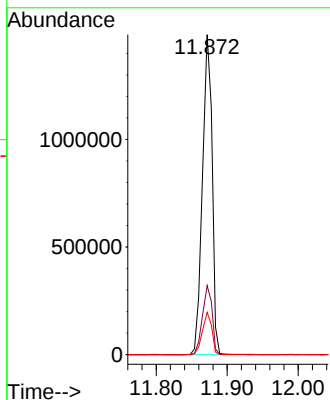
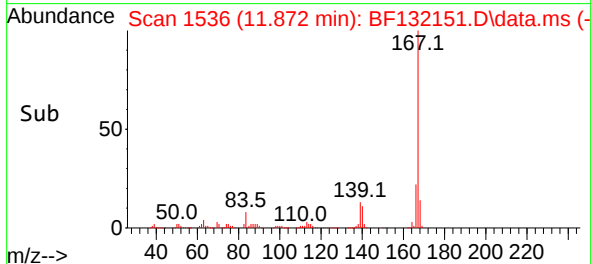
Instrument :
 BNA_F
 ClientSampleId :
 PB150317BSD



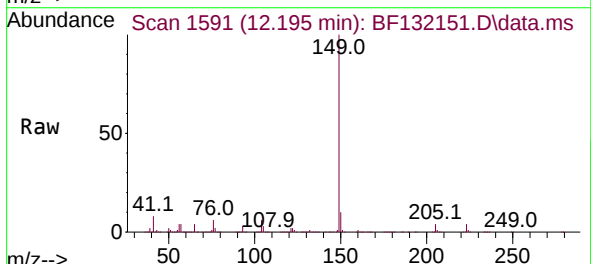
Tgt Ion:167 Resp: 1397881
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.2 10.5 15.7

Manual Integrations
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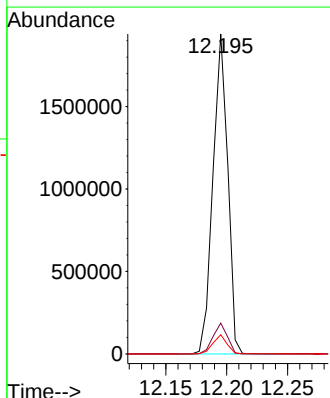
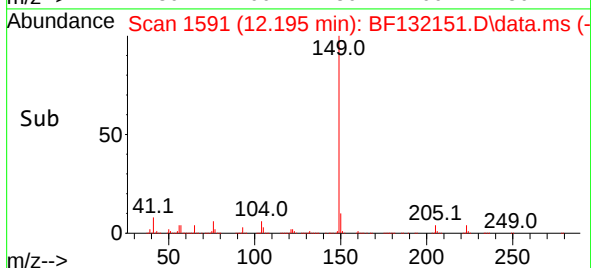
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

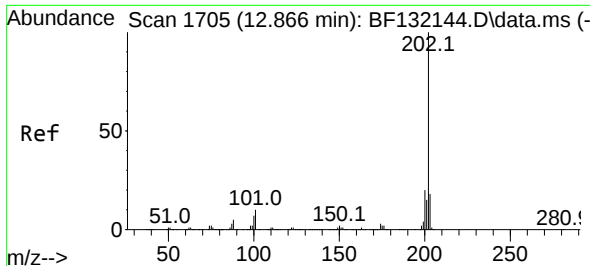


#74
 Di-n-butylphthalate
 Concen: 43.031 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132151.D
 Acq: 19 Jan 2023 18:03



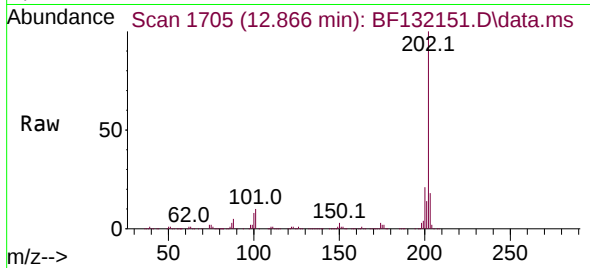
Tgt Ion:149 Resp: 1631131
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 6.0 4.3 6.5





#75
Fluoranthene
Concen: 41.191 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

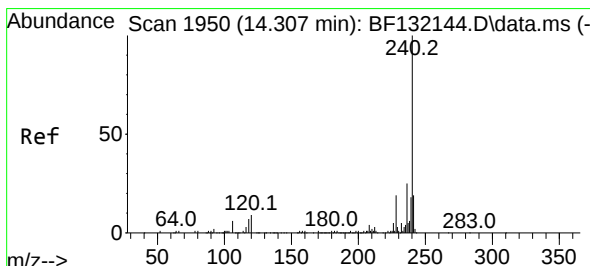
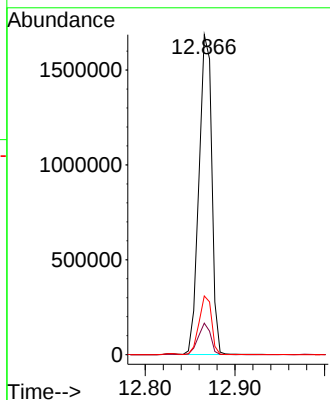
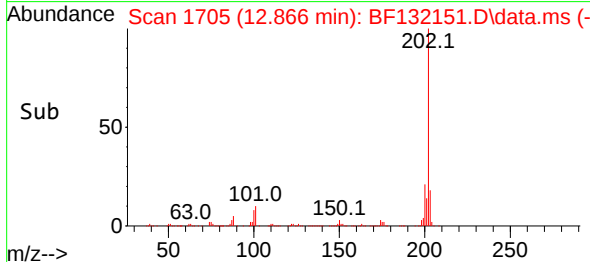
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:202 Resp: 1667208
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 18.3 0.0 37.9

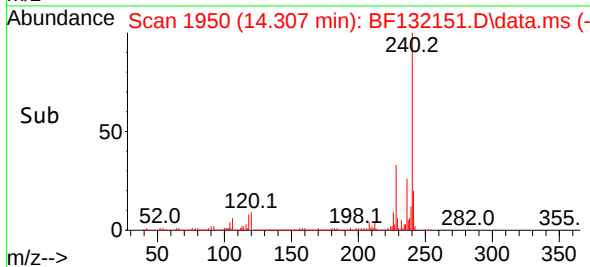
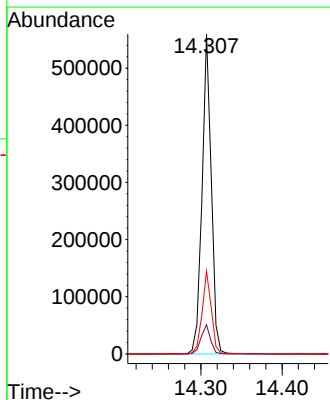
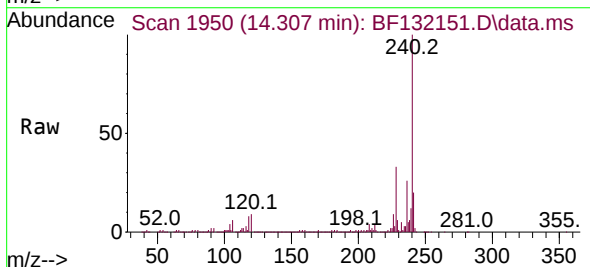
Manual Integrations
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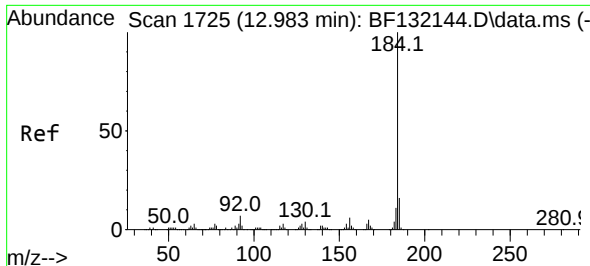
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

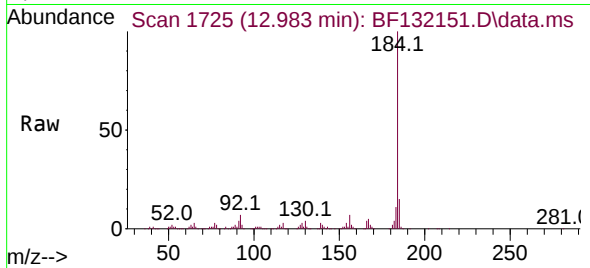
Tgt Ion:240 Resp: 440697
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 25.9 20.3 30.5





#77
Benzidine
Concen: 14.824 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

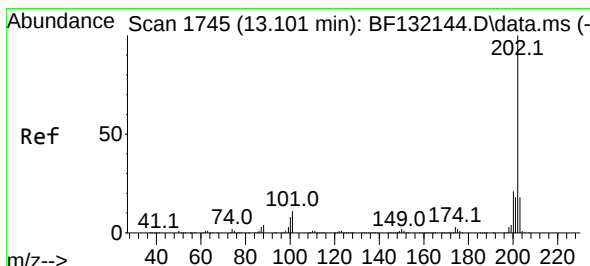
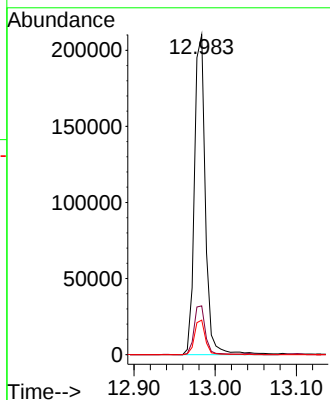
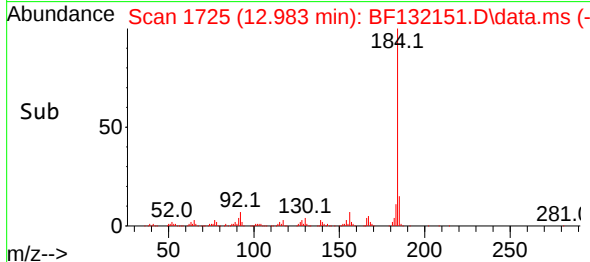
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



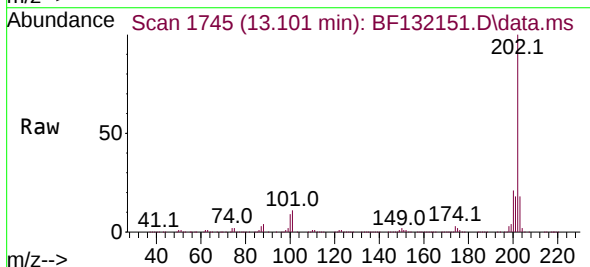
Tgt Ion:184 Resp: 196141
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 10.8 9.0 13.4

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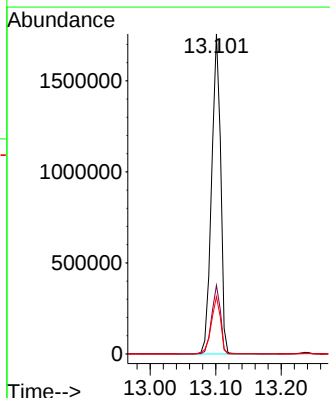
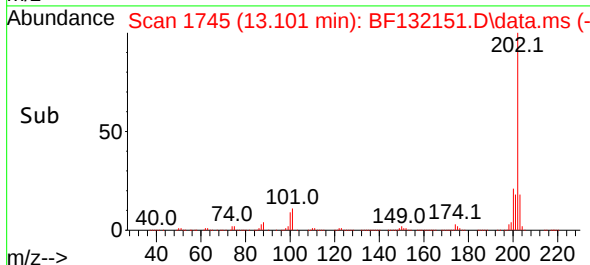
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

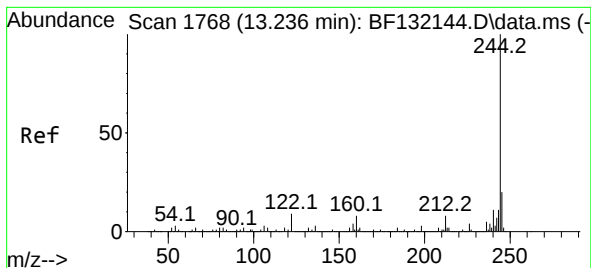


#78
Pyrene
Concen: 41.387 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:202 Resp: 1680909
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 83.701 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132151.D

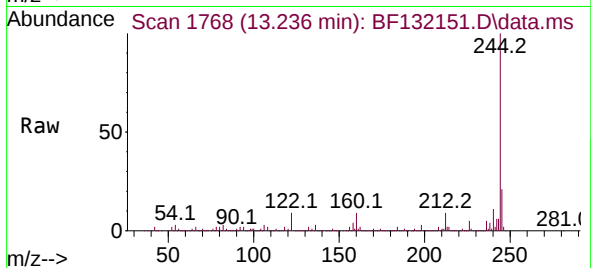
Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD



Tgt Ion:244 Resp: 2202066

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

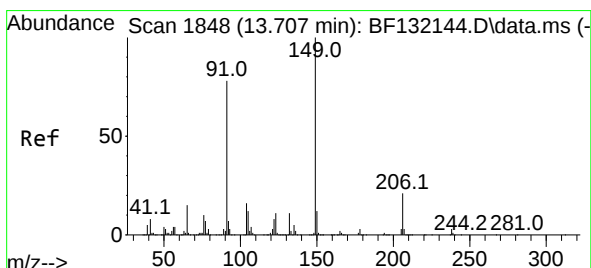
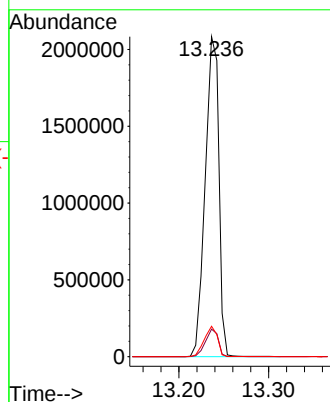
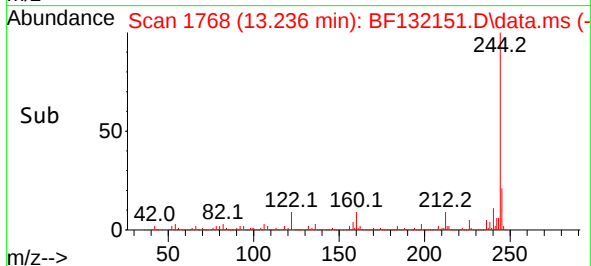
122 9.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#80

Butylbenzylphthalate

Concen: 45.740 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

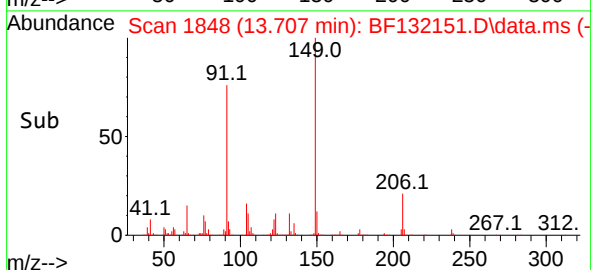
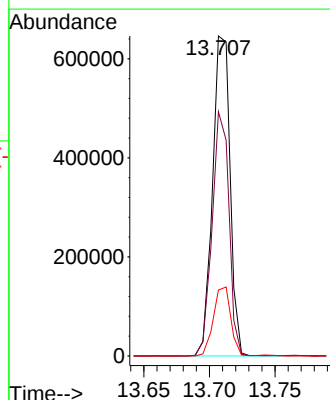
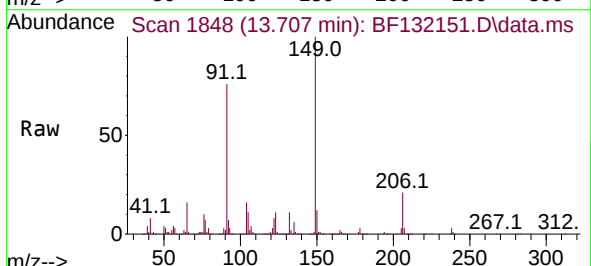
Tgt Ion:149 Resp: 603266

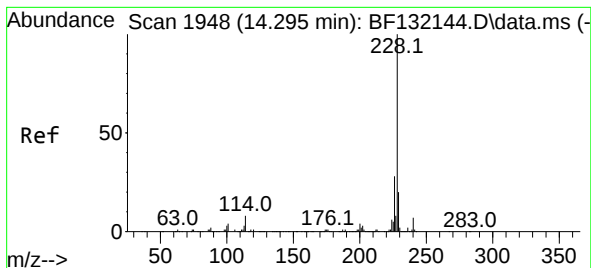
Ion Ratio Lower Upper

149 100

91 76.3 62.6 94.0

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.276 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD

Tgt Ion:228 Resp: 1236536

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

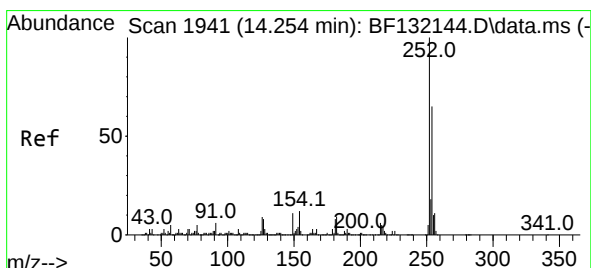
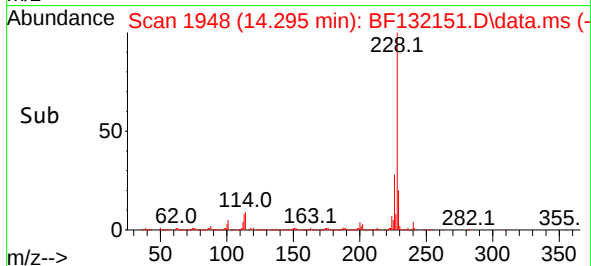
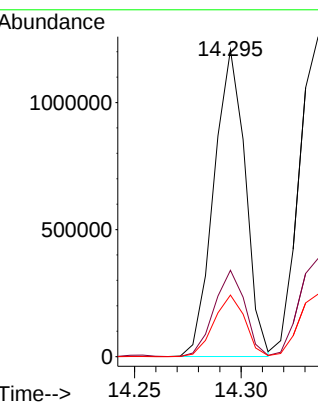
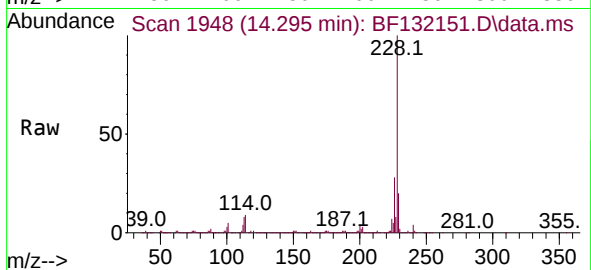
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.208 ng

RT: 14.254 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

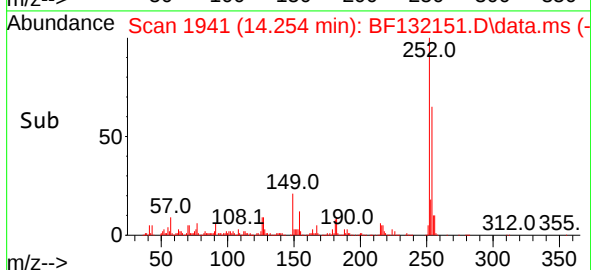
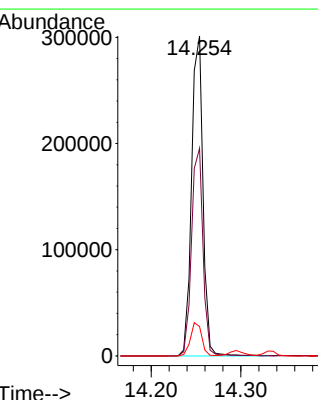
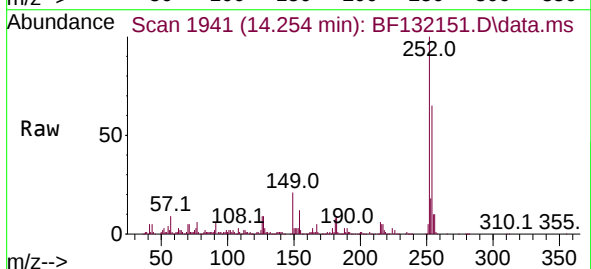
Tgt Ion:252 Resp: 264863

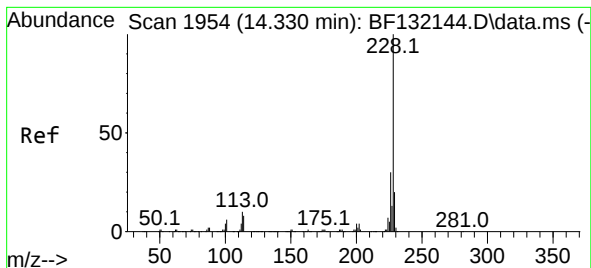
Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

126 9.2 7.0 10.6





#83

Chrysene

Concen: 38.058 ng

RT: 14.336 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD

Tgt Ion:228 Resp: 1140517

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

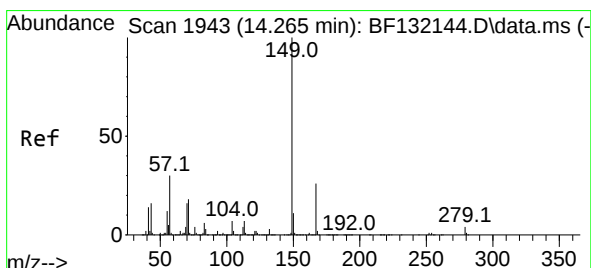
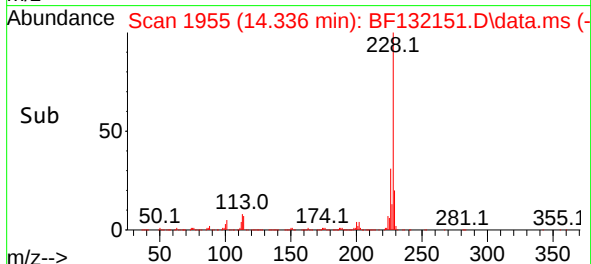
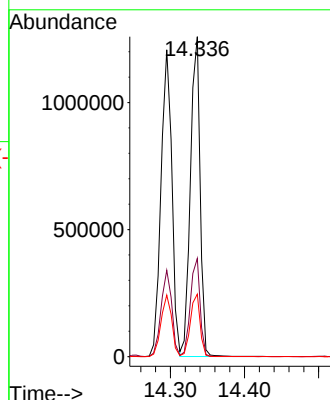
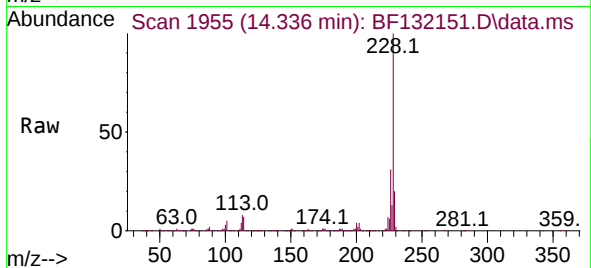
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.811 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

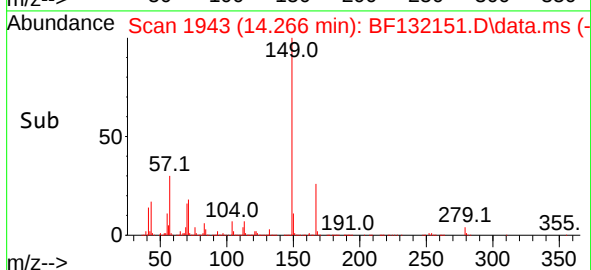
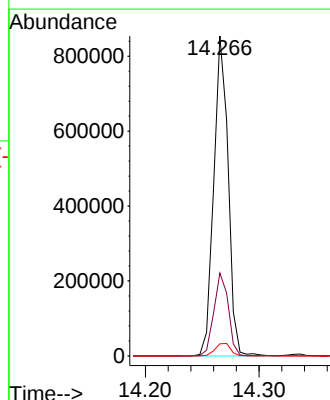
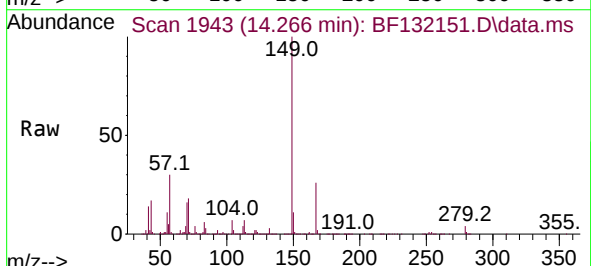
Tgt Ion:149 Resp: 751505

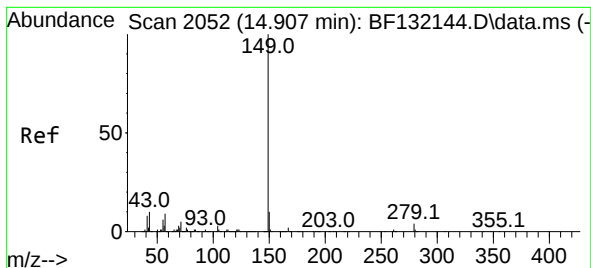
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.6

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.095 ng

RT: 14.907 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

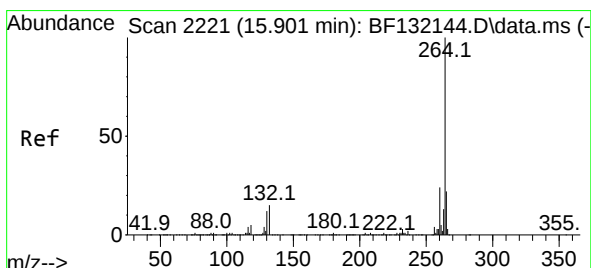
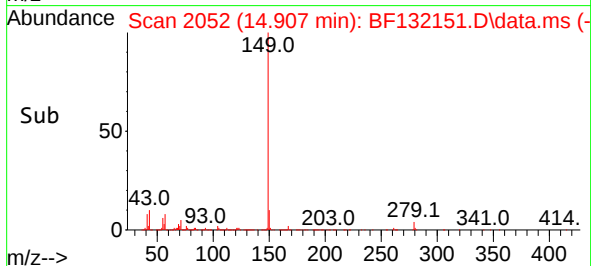
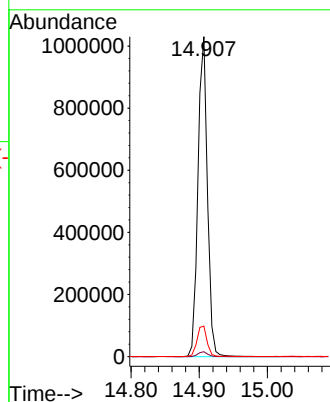
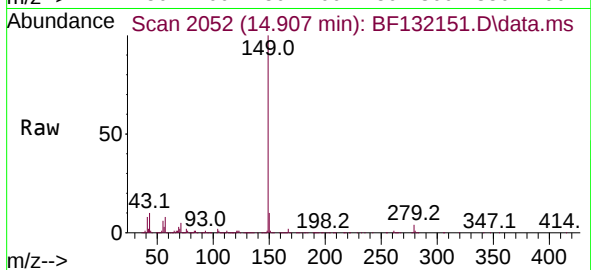
PB150317BSD

Tgt Ion:149 Resp: 991725
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.2 8.4 12.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#86

Perylene-d12

Concen: 20.000 ng

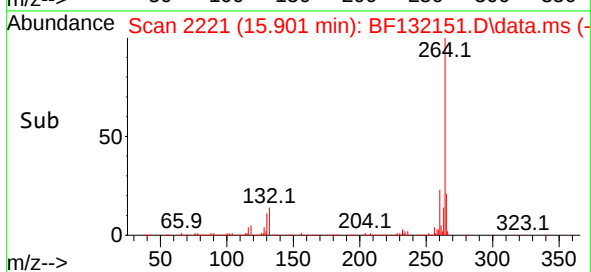
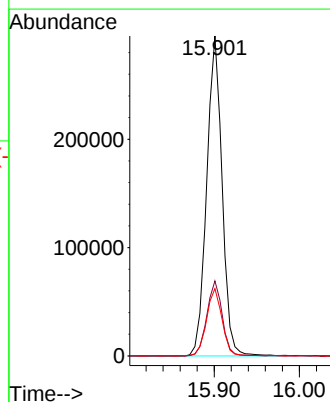
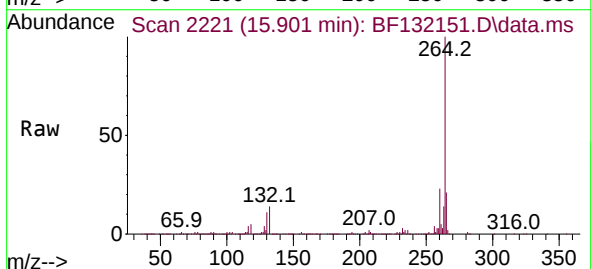
RT: 15.901 min Scan# 2221

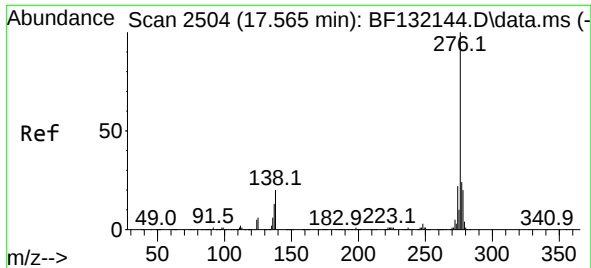
Delta R.T. -0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

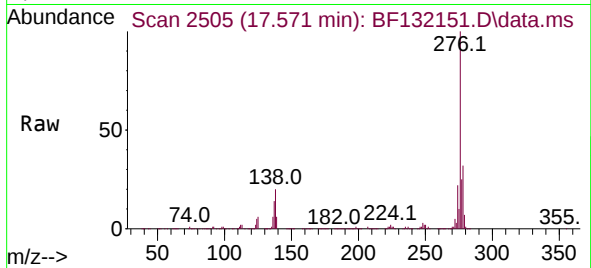
Tgt Ion:264 Resp: 370362
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.507 ng
RT: 17.571 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

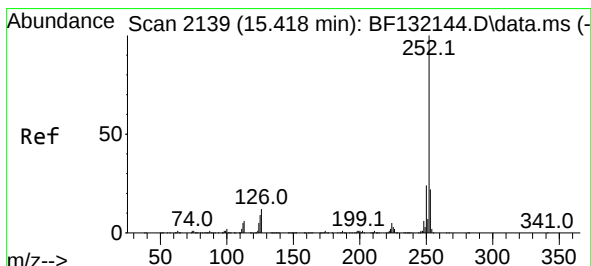
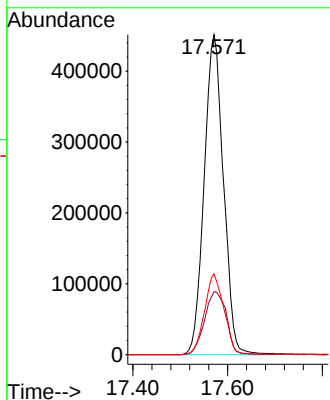
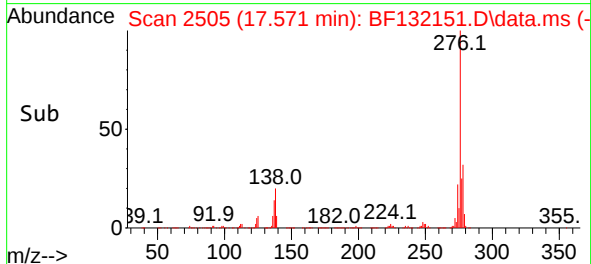
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



Tgt Ion:276 Resp: 1276526
Ion Ratio Lower Upper
276 100
138 22.2 17.9 26.9
277 25.4 20.2 30.2

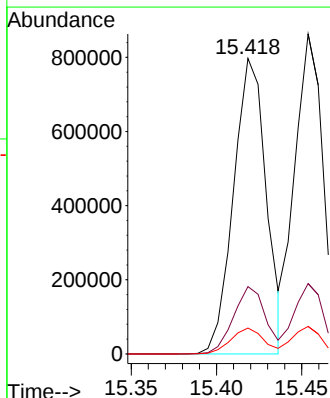
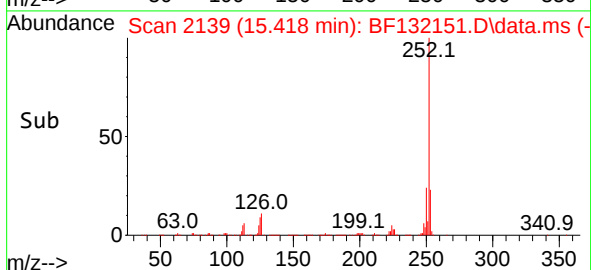
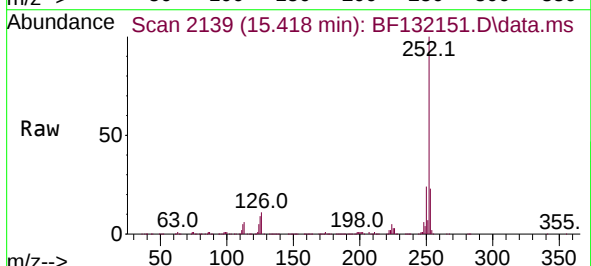
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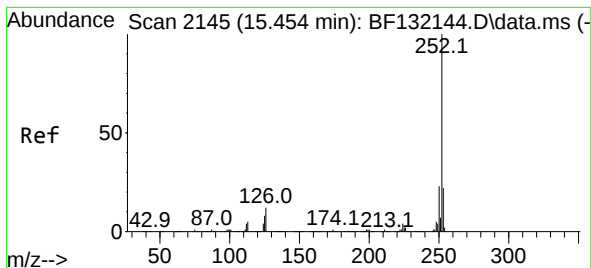
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#88
Benzo(b)fluoranthene
Concen: 47.175 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

Tgt Ion:252 Resp: 1063793
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 43.929 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB150317BSD

Tgt Ion:252 Resp: 1010290

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

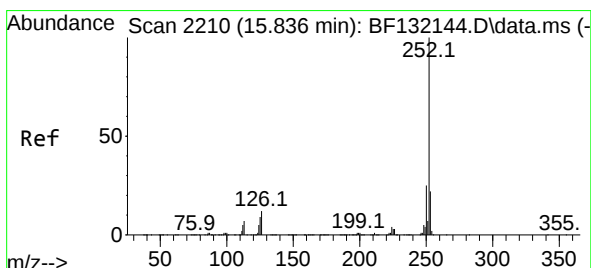
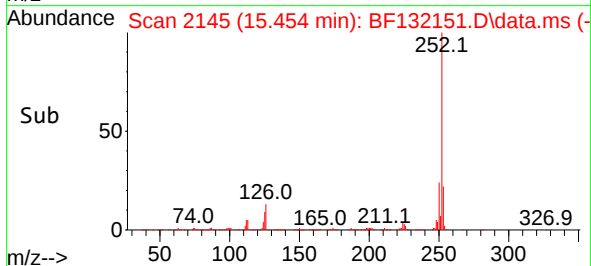
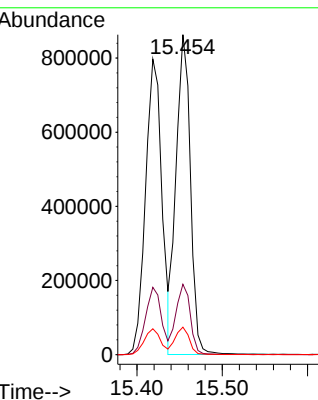
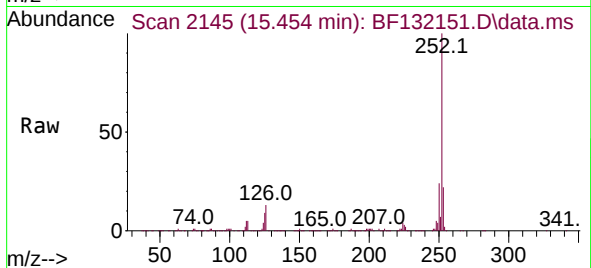
125 8.6 6.4 9.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#90

Benzo(a)pyrene

Concen: 42.627 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132151.D

Acq: 19 Jan 2023 18:03

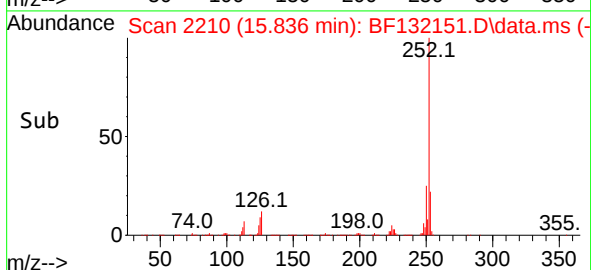
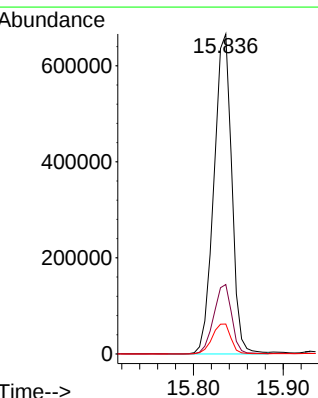
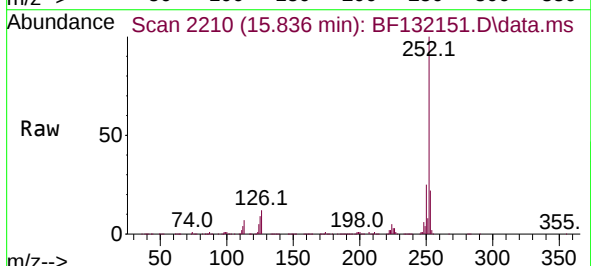
Tgt Ion:252 Resp: 924681

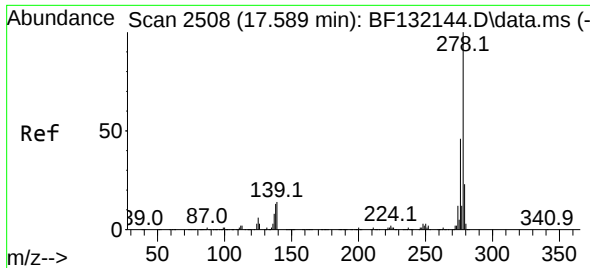
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

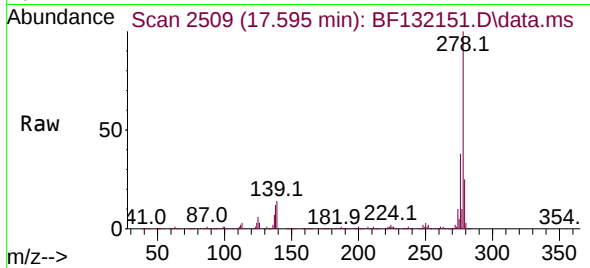
125 9.3 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 48.809 ng
RT: 17.595 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03

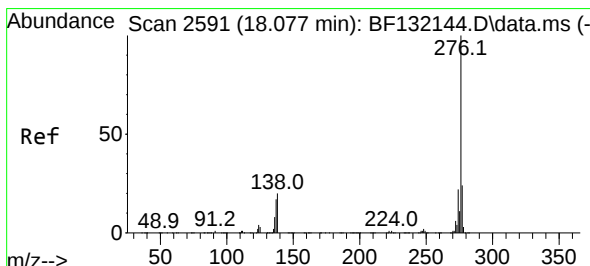
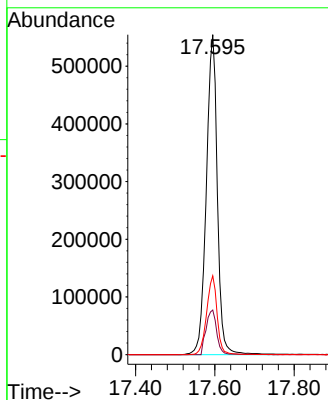
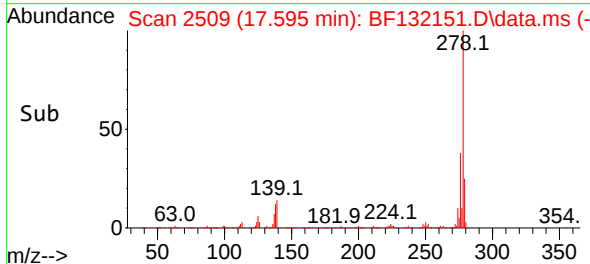
Instrument :
BNA_F
ClientSampleId :
PB150317BSD



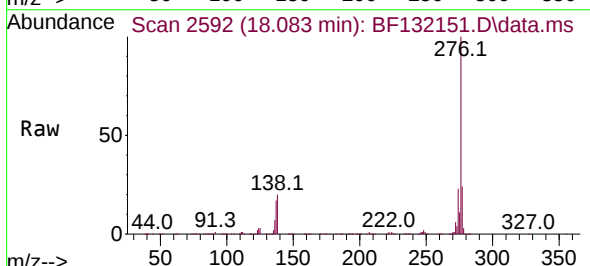
Tgt Ion:278 Resp: 1069833
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 24.6 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#92
Benzo(g,h,i)perylene
Concen: 45.015 ng
RT: 18.083 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF132151.D
Acq: 19 Jan 2023 18:03



Tgt Ion:276 Resp: 1134559
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 19.8 15.7 23.5

