

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132166.D
 Acq On : 20 Jan 2023 17:50
 Operator : CG\JU
 Sample : PB150261BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150261BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:54:23 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	217890	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	817144	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	452081	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	890389	20.000	ng	0.00
76) Chrysene-d12	14.307	240	547274	20.000	ng	0.00
86) Perylene-d12	15.901	264	454259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1444679	115.824	ng	0.02
7) Phenol-d6	6.713	99	1870454	119.127	ng	0.01
23) Nitrobenzene-d5	7.660	82	1232470	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	585743	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1931210	62.421	ng	0.00
79) Terphenyl-d14	13.236	244	2426193	74.261	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.131	88	213117	33.726	ng	99
3) Pyridine	3.860	79	555429	32.742	ng	100
4) n-Nitrosodimethylamine	3.819	42	340404	42.668	ng	100
6) Aniline	6.754	93	732006m	33.659	ng	
8) 2-Chlorophenol	6.872	128	591385	45.106	ng	98
9) Benzaldehyde	6.642	77	112902	11.177	ng	99
10) Phenol	6.725	94	667438	40.833	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	576810	41.685	ng	97
12) 1,3-Dichlorobenzene	7.037	146	600950	41.004	ng	96
13) 1,4-Dichlorobenzene	7.107	146	607865	41.566	ng	99
14) 1,2-Dichlorobenzene	7.260	146	589565	43.599	ng	96
15) Benzyl Alcohol	7.231	79	519349m	43.244	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	827918	41.167	ng	99
17) 2-Methylphenol	7.331	107	459603	40.014	ng	98
18) Hexachloroethane	7.607	117	233067	44.397	ng	98
19) n-Nitroso-di-n-propyla...	7.501	70	376881	39.186	ng	99
20) 3+4-Methylphenols	7.484	107	572923	39.585	ng	96
22) Acetophenone	7.501	105	734409	37.393	ng	96
24) Nitrobenzene	7.678	77	626698	38.480	ng	98
25) Isophorone	7.913	82	1161530	38.593	ng	98
26) 2-Nitrophenol	7.989	139	289607	46.908	ng	92
27) 2,4-Dimethylphenol	8.019	122	505836	38.841	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	650418	36.019	ng	99
29) 2,4-Dichlorophenol	8.231	162	488258	39.491	ng	97
30) 1,2,4-Trichlorobenzene	8.319	180	521335	37.123	ng	100
31) Naphthalene	8.401	128	1529587	36.448	ng	99
32) Benzoic acid	8.136	122	395481	45.893	ng	95
33) 4-Chloroaniline	8.442	127	460561	25.645	ng	99
34) Hexachlorobutadiene	8.513	225	360420	38.205	ng	99
35) Caprolactam	8.819	113	174593m	49.796	ng	
36) 4-Chloro-3-methylphenol	8.919	107	507408	40.781	ng	99
37) 2-Methylnaphthalene	9.095	142	1011566	35.010	ng	99
38) 1-Methylnaphthalene	9.195	142	961002	35.746	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	540032	34.333	ng	99
41) Hexachlorocyclopentadiene	9.248	237	644119	75.042	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	378074	38.730	ng	97

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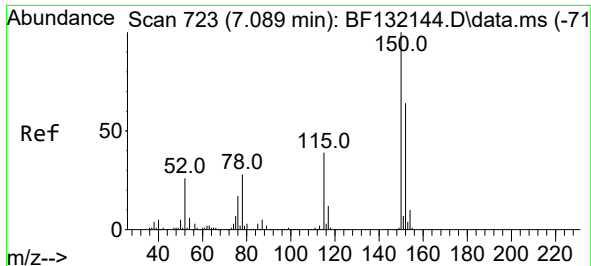
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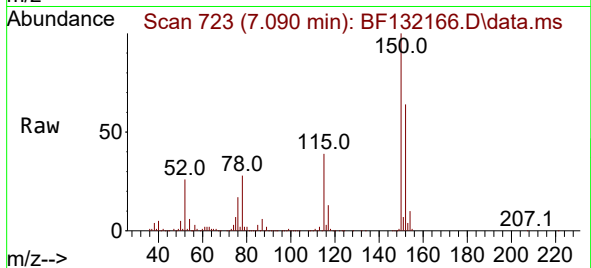
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	413640	36.230	ng	99
46) 1,1'-Biphenyl	9.560	154	1230701	34.506	ng	99
47) 2-Chloronaphthalene	9.589	162	976260	35.409	ng	97
48) 2-Nitroaniline	9.678	65	353025	40.460	ng	97
49) Acenaphthylene	10.007	152	1528218	34.648	ng	100
50) Dimethylphthalate	9.860	163	1170301	35.743	ng	99
51) 2,6-Dinitrotoluene	9.919	165	271091	42.716	ng	89
52) Acenaphthene	10.183	154	1045933	39.425	ng	97
53) 3-Nitroaniline	10.095	138	248676	36.650	ng	92
54) 2,4-Dinitrophenol	10.195	184	303641	101.083	ng	# 48
55) Dibenzofuran	10.354	168	1409163	34.371	ng	96
56) 4-Nitrophenol	10.242	139	456046	92.351	ng	83
57) 2,4-Dinitrotoluene	10.330	165	356841	46.843	ng	# 84
58) Fluorene	10.701	166	1056575	34.779	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	341762	39.352	ng	99
60) Diethylphthalate	10.560	149	1163855	36.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	550011	33.811	ng	98
62) 4-Nitroaniline	10.719	138	271454	42.972	ng	97
63) Azobenzene	10.848	77	1141670	35.428	ng	98
65) 4,6-Dinitro-2-methylph...	10.736	198	190895	44.367	ng	98
66) n-Nitrosodiphenylamine	10.807	169	966382	33.889	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	369213	34.020	ng	92
68) Hexachlorobenzene	11.248	284	400751	37.154	ng	95
69) Atrazine	11.330	200	344877	39.200	ng	100
70) Pentachlorophenol	11.442	266	491824	70.956	ng	97
71) Phenanthrene	11.672	178	1646216	35.231	ng	99
72) Anthracene	11.725	178	1644806	34.795	ng	99
73) Carbazole	11.872	167	1557956	38.584	ng	99
74) Di-n-butylphthalate	12.195	149	1762249	39.205	ng	99
75) Fluoranthene	12.871	202	1861893	38.792	ng	99
77) Benzidine	12.983	184	534198	32.510	ng	99
78) Pyrene	13.101	202	1862871	36.935	ng	98
80) Butylbenzylphthalate	13.707	149	663915	40.868	ng	99
81) Benzo(a)anthracene	14.295	228	1420402	36.330	ng	99
82) 3,3'-Dichlorobenzidine	14.254	252	415208	38.133	ng	99
83) Chrysene	14.336	228	1302082	34.988	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	787786	36.682	ng	99
85) Di-n-octyl phthalate	14.907	149	1074128	36.266	ng	100
87) Indeno(1,2,3-cd)pyrene	17.571	276	1382511	38.690	ng	99
88) Benzo(b)fluoranthene	15.418	252	1267072	45.812	ng	100
89) Benzo(k)fluoranthene	15.454	252	1189646	42.174	ng	99
90) Benzo(a)pyrene	15.836	252	1096130	41.198	ng	100
91) Dibenzo(a,h)anthracene	17.595	278	1178158	43.824	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1250518	40.685	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

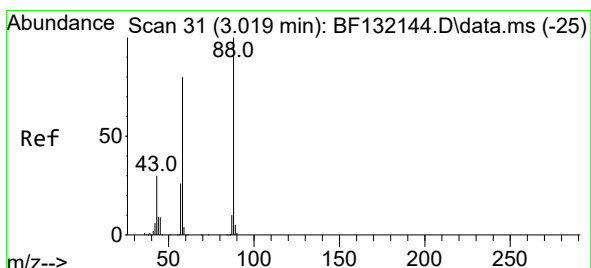
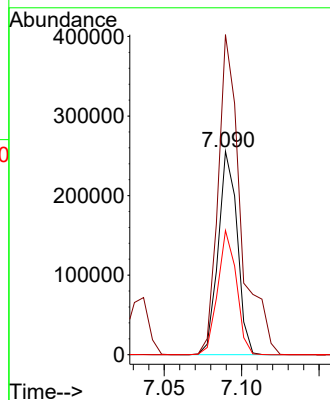
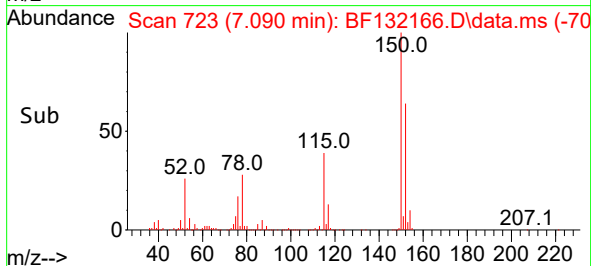
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 217890
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.8
115 61.1 49.2 73.8

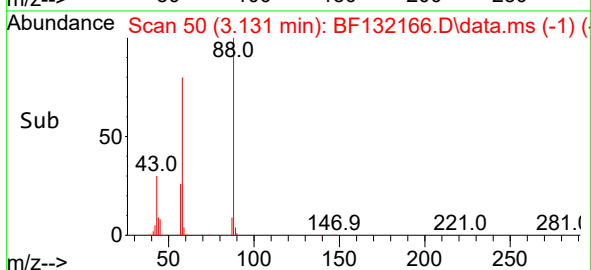
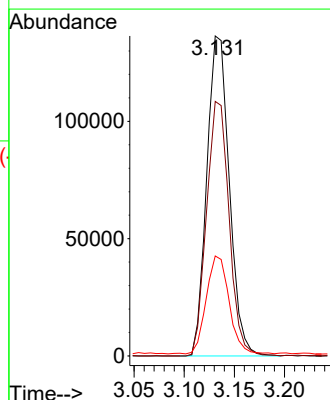
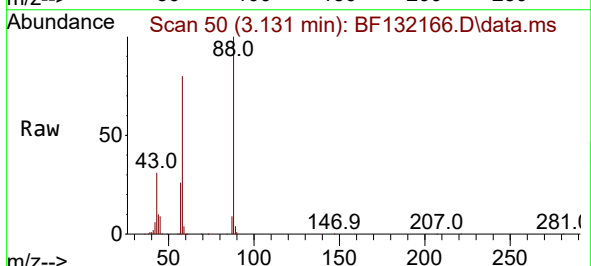
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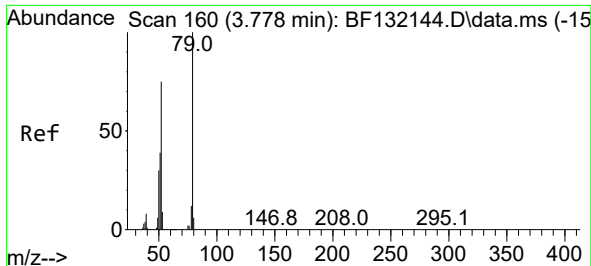
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#2
1,4-Dioxane
Concen: 33.726 ng
RT: 3.131 min Scan# 50
Delta R.T. 0.112 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

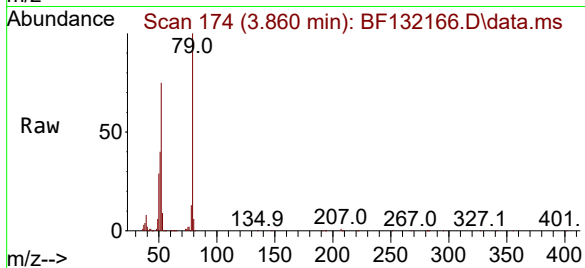
Tgt Ion: 88 Resp: 213117
Ion Ratio Lower Upper
88 100
58 79.5 64.0 96.0
43 30.9 24.2 36.4





#3
Pyridine
Concen: 32.742 ng
RT: 3.860 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

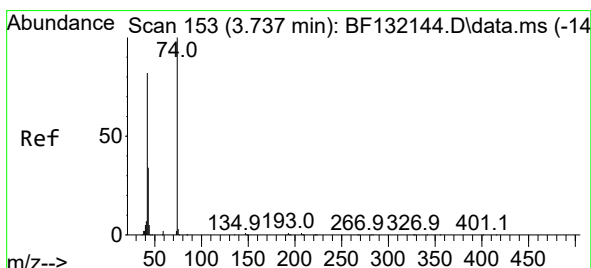
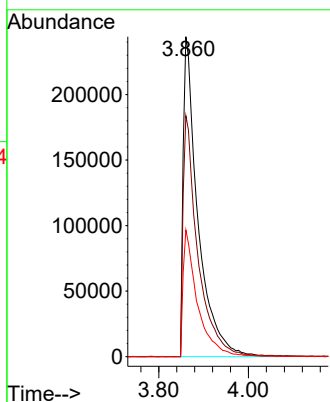
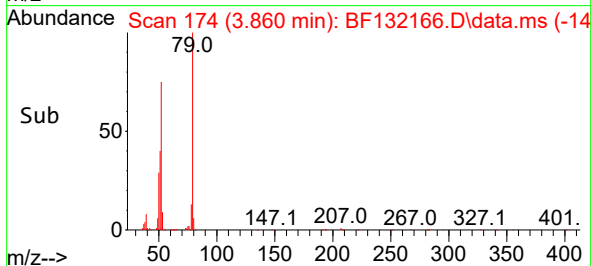
Instrument :
BNA_F
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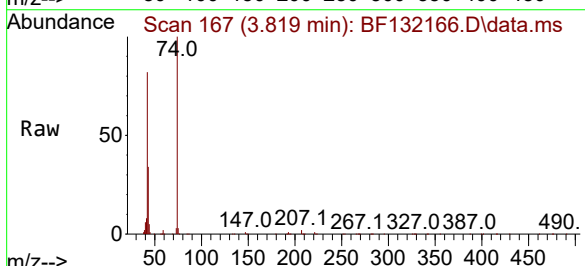
Tgt Ion: 79 Resp: 555429
Ion Ratio Lower Upper
79 100
52 75.3 60.1 90.1
51 39.6 31.4 47.0

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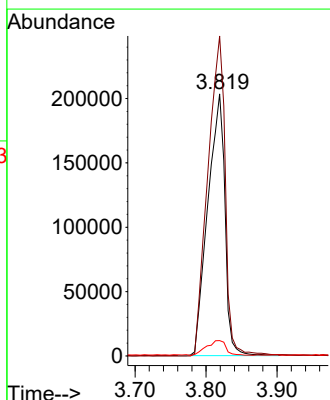
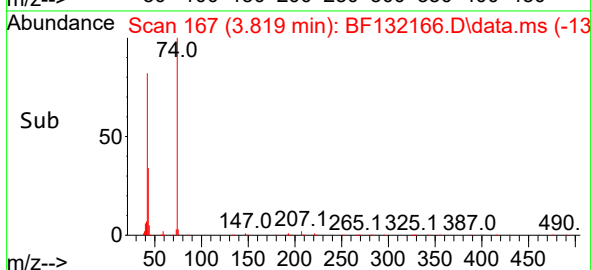
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

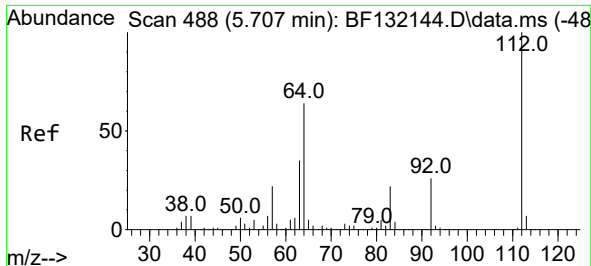


#4
n-Nitrosodimethylamine
Concen: 42.668 ng
RT: 3.819 min Scan# 167
Delta R.T. 0.082 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion: 42 Resp: 340404
Ion Ratio Lower Upper
42 100
74 122.1 98.1 147.1
44 5.8 5.2 7.8





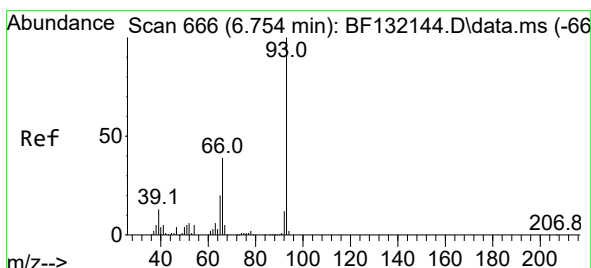
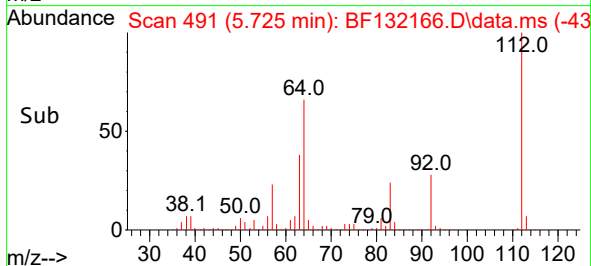
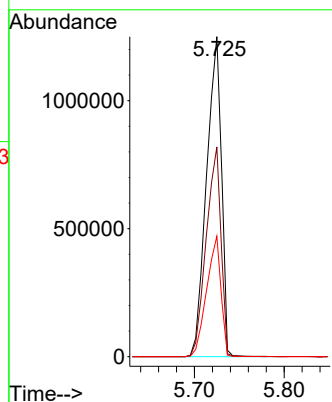
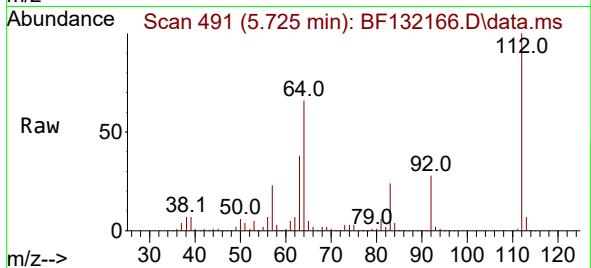
#5
2-Fluorophenol
Concen: 115.824 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1444679
Ion Ratio Lower Upper
112 100
64 65.6 51.4 77.0
63 37.6 28.2 42.2

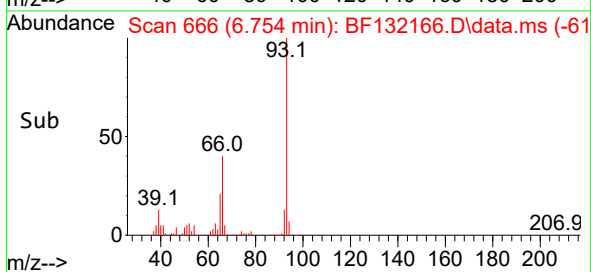
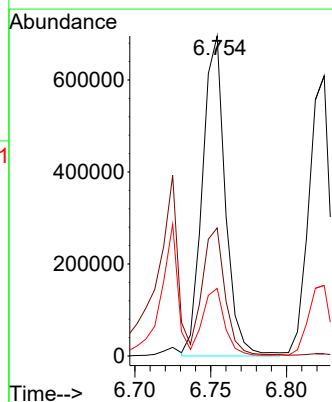
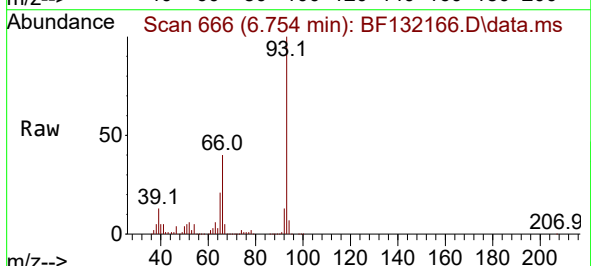
Manual Integrations
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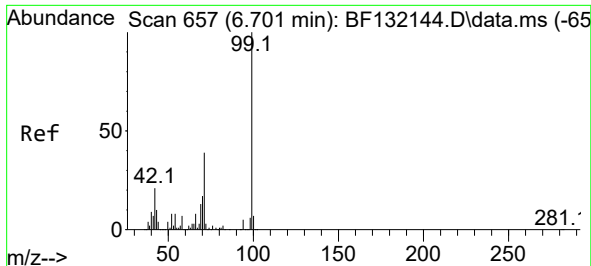
Reviewed By :Christian Giraldo 01/23/2023
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#6
Aniline
Concen: 33.659 ng m
RT: 6.754 min Scan# 666
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

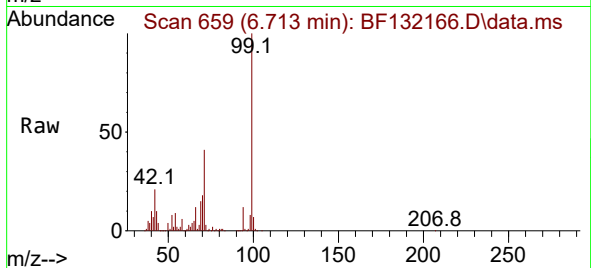
Tgt Ion: 93 Resp: 732006
Ion Ratio Lower Upper
93 100
66 40.0 33.0 49.6
65 21.1 16.8 25.2





#7
Phenol-d6
Concen: 119.127 ng
RT: 6.713 min Scan# 657
Delta R.T. 0.012 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

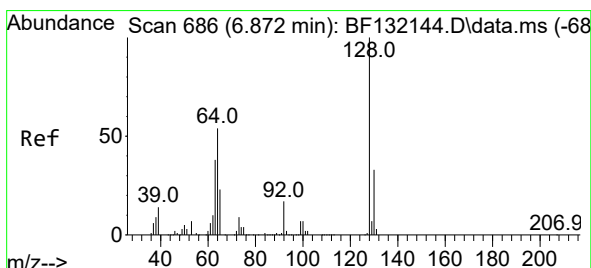
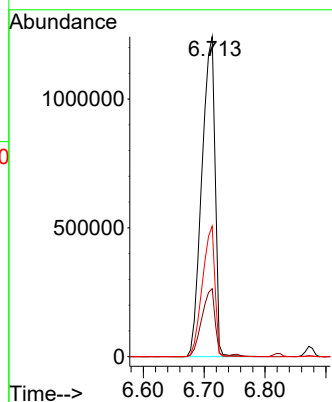
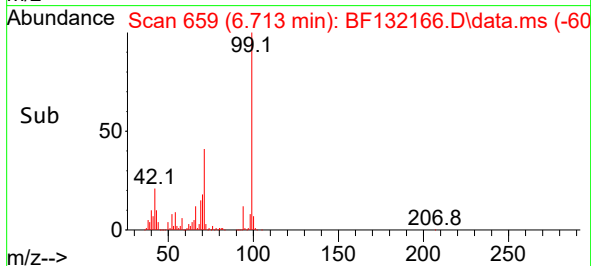
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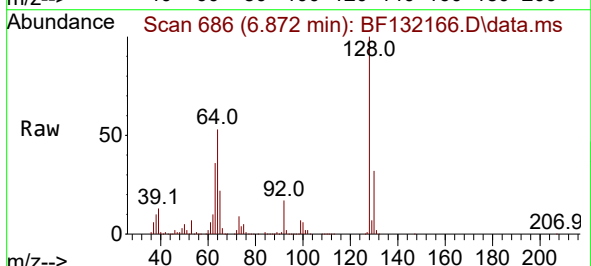
Tgt Ion: 99 Resp: 187045
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 40.8 30.8 46.2

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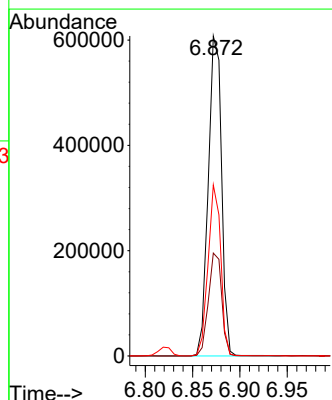
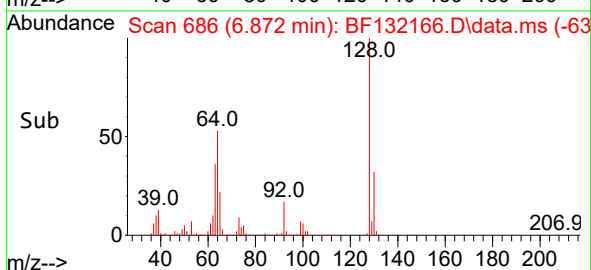
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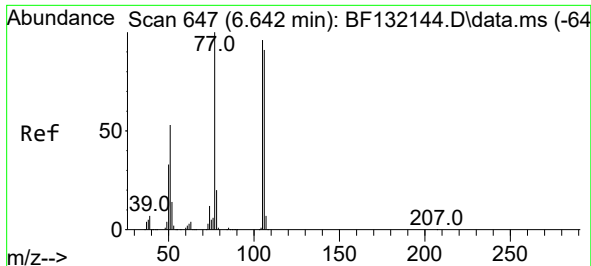


#8
2-Chlorophenol
Concen: 45.106 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132166.D
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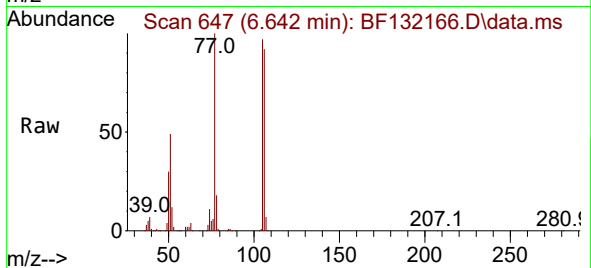
Tgt Ion:128 Resp: 591385
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 53.4 34.8 74.8





#9
Benzaldehyde
Concen: 11.177 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

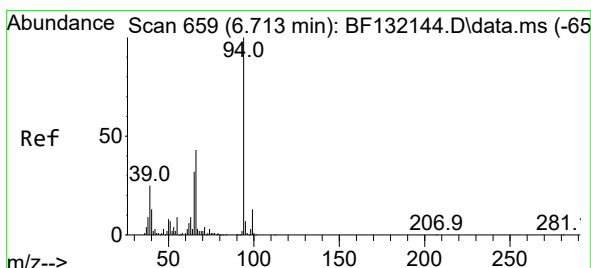
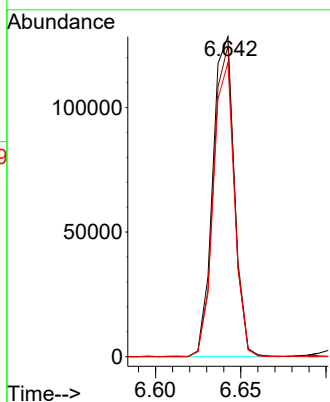
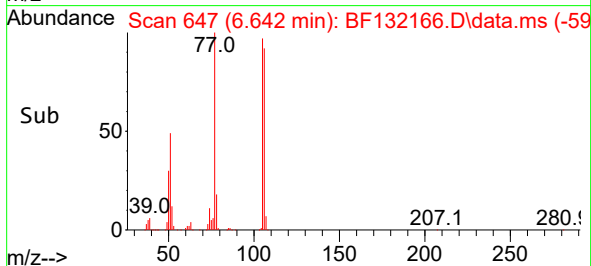
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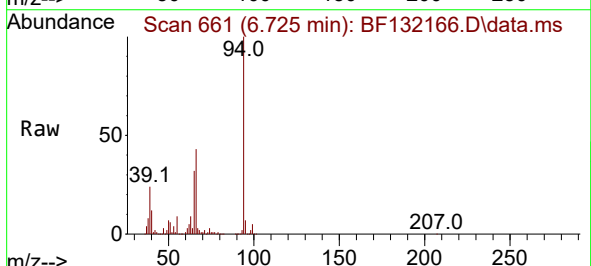
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Ion Ratio Lower Upper
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105 97.2 75.5 115.5
106 91.9 70.7 110.7

Manual Integrations
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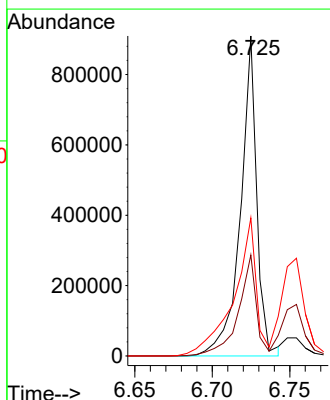
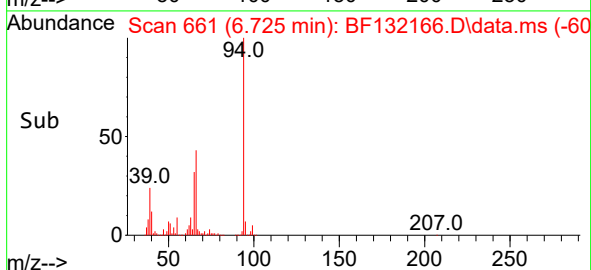
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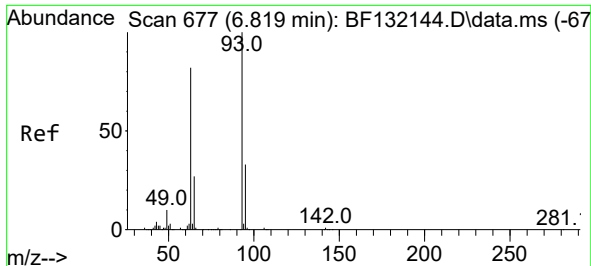


#10
Phenol
Concen: 40.833 ng
RT: 6.725 min Scan# 661
Delta R.T. 0.012 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



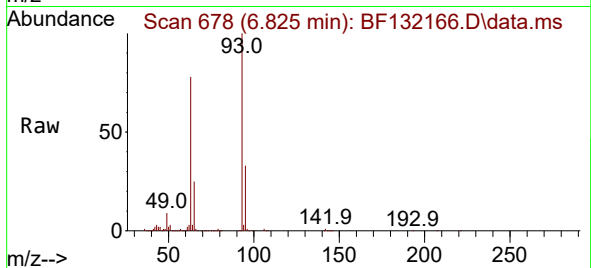
Tgt Ion: 94 Resp: 667438
Ion Ratio Lower Upper
94 100
65 31.5 12.0 52.0
66 43.1 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 41.685 ng
RT: 6.825 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

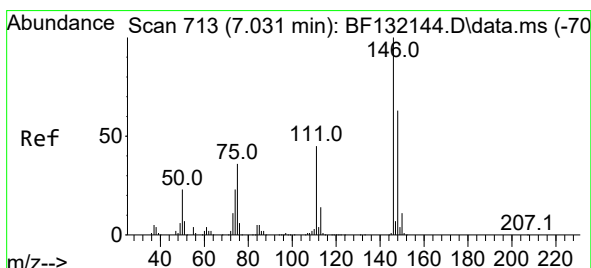
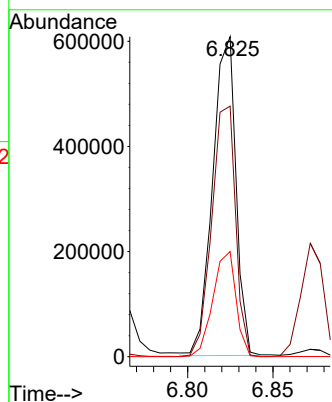
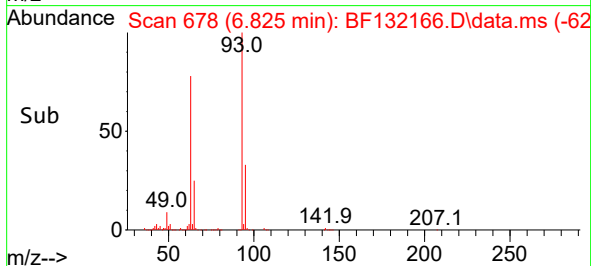
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion: 93 Resp: 576810
Ion Ratio Lower Upper
93 100
63 78.3 61.6 101.6
95 32.8 12.7 52.7

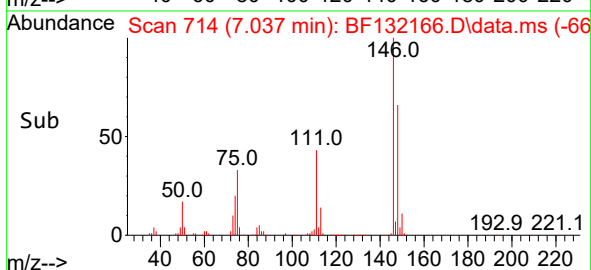
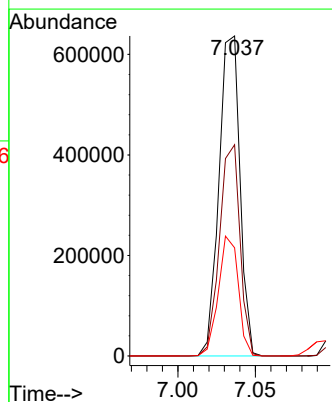
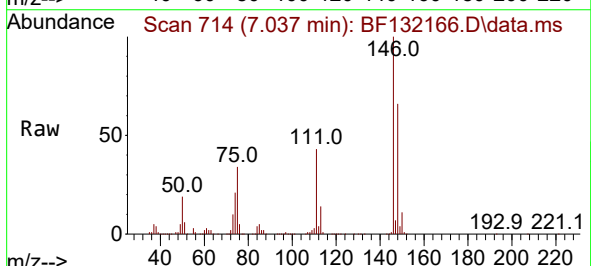
Manual Integrations
APPROVED

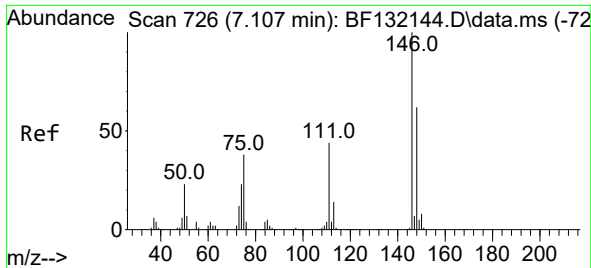
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#12
1,3-Dichlorobenzene
Concen: 41.004 ng
RT: 7.037 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Tgt Ion:146 Resp: 600950
Ion Ratio Lower Upper
146 100
148 66.0 50.0 75.0
75 33.8 28.8 43.2





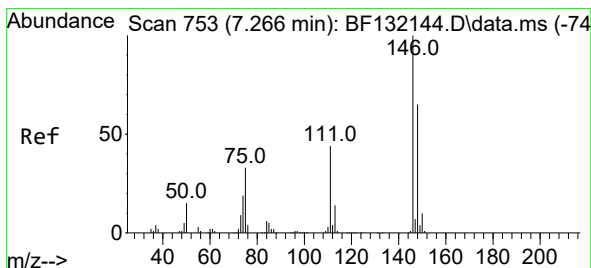
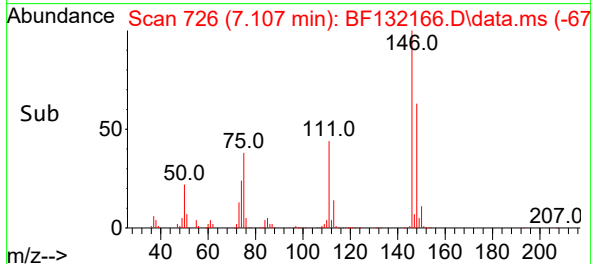
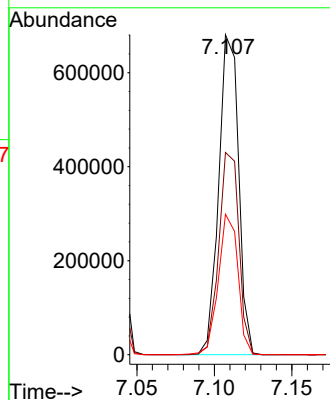
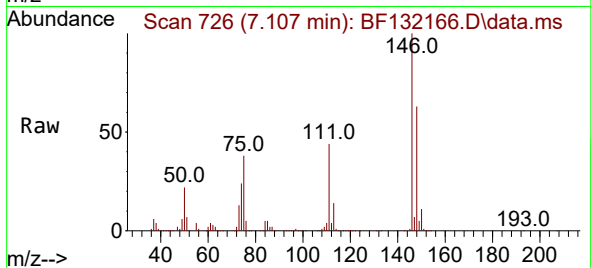
#13
1,4-Dichlorobenzene
Concen: 41.566 ng
RT: 7.107 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :
BNA_F
ClientSampleId :
PB150261BS

Tgt Ion:146 Resp: 60786
Ion Ratio Lower Upper
146 100
148 63.2 49.9 74.9
111 43.9 35.2 52.8

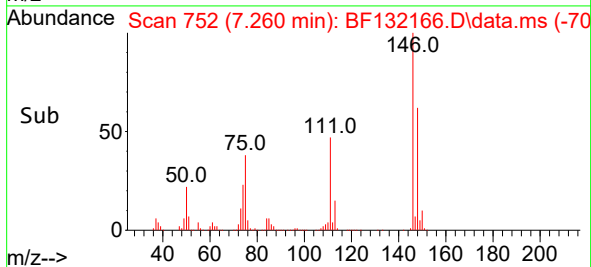
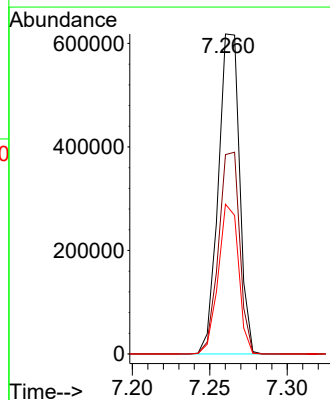
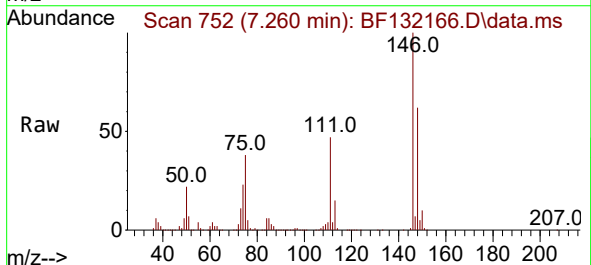
Manual Integrations
APPROVED

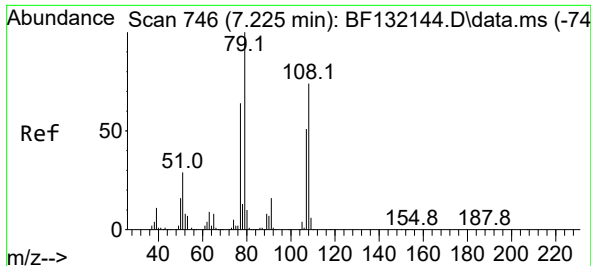
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#14
1,2-Dichlorobenzene
Concen: 43.599 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

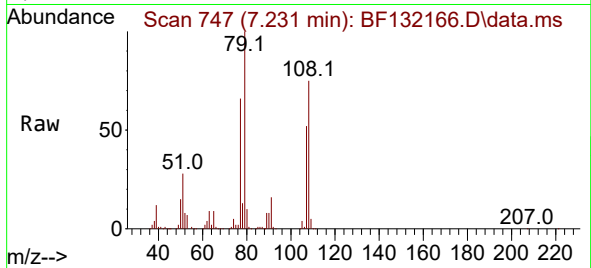
Tgt Ion:146 Resp: 589565
Ion Ratio Lower Upper
146 100
148 62.3 52.0 78.0
111 46.8 35.4 53.2





#15
Benzyl Alcohol
Concen: 43.244 ng m
RT: 7.231 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

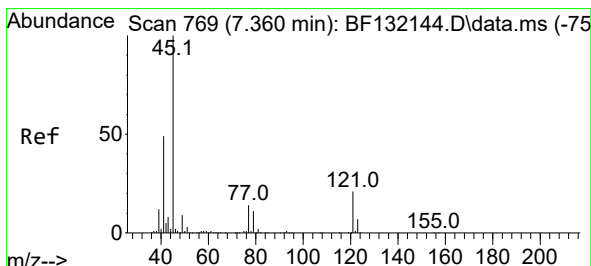
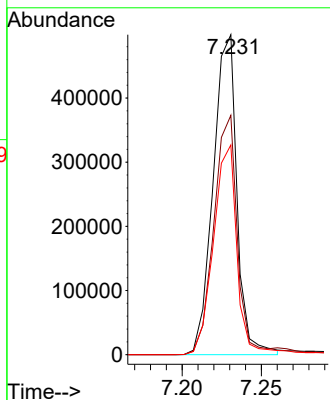
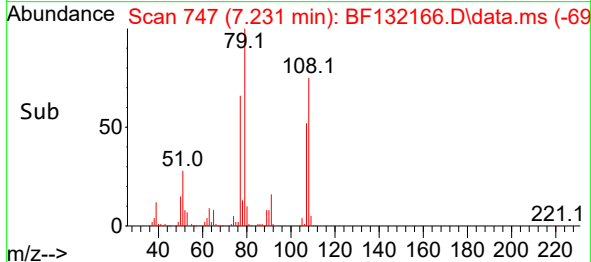
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion: 79 Resp: 519349
Ion Ratio Lower Upper
79 100
108 74.8 58.9 88.3
77 65.6 51.1 76.7

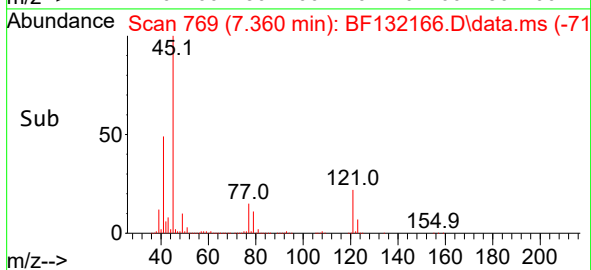
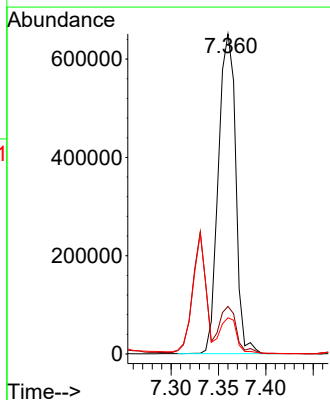
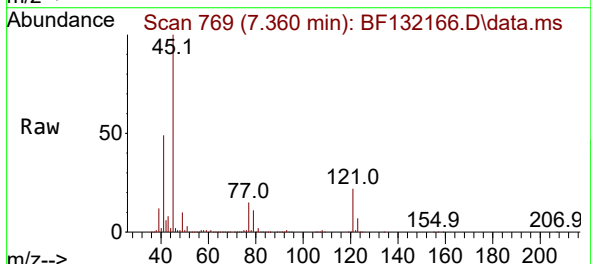
Manual Integrations
APPROVED

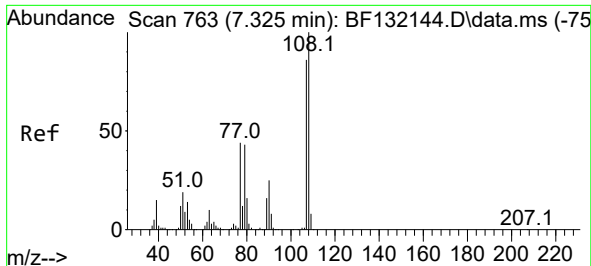
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.167 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

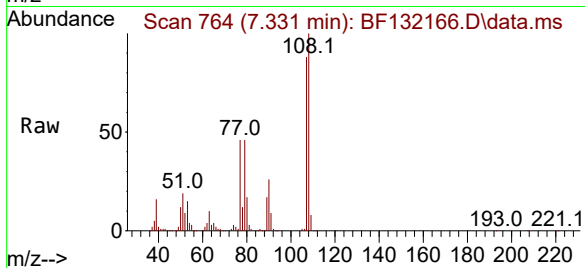
Tgt Ion: 45 Resp: 827918
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.3
79 11.3 0.0 30.9





#17
2-Methylphenol
Concen: 40.014 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

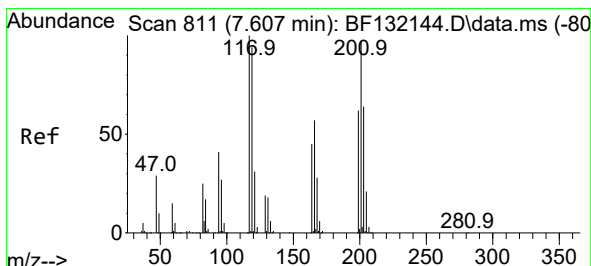
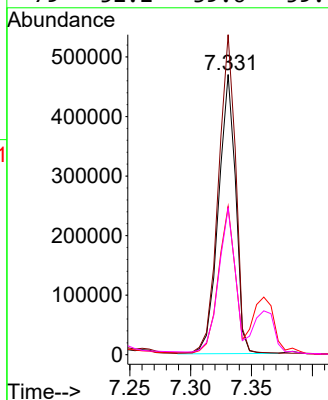
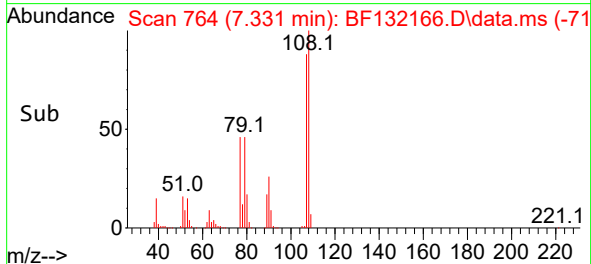
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion:107 Resp: 45960
Ion Ratio Lower Upper
107 100
108 114.2 92.8 139.2
77 52.9 41.1 61.7
79 52.2 39.6 59.4

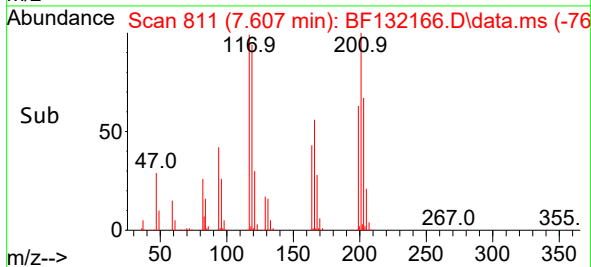
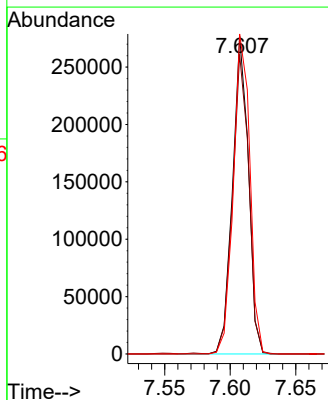
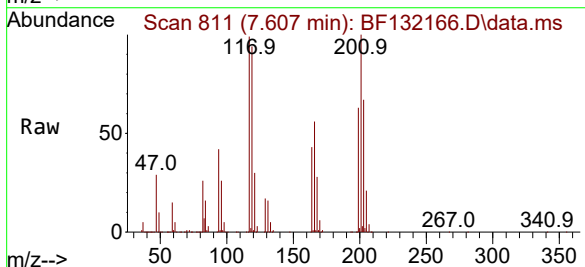
Manual Integrations
APPROVED

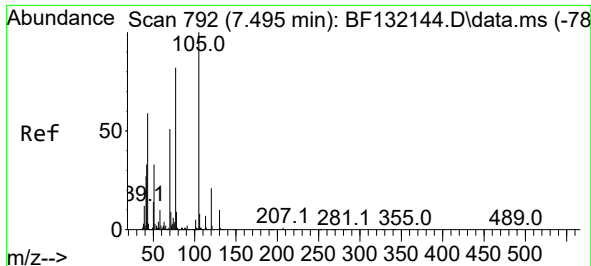
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 44.397 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

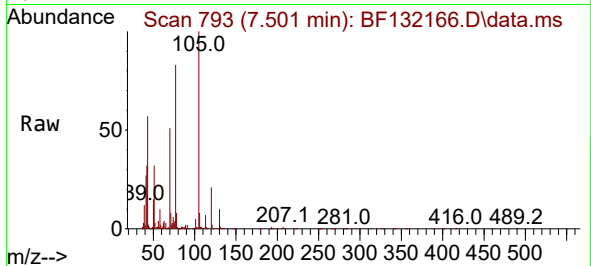
Tgt Ion:117 Resp: 233067
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.0
201 100.6 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.186 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

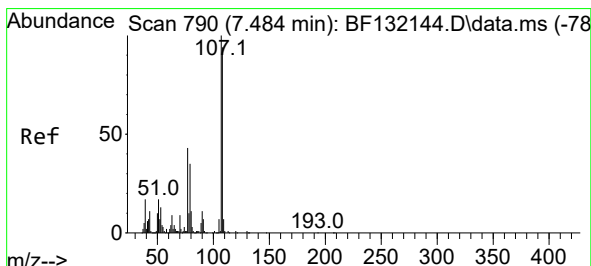
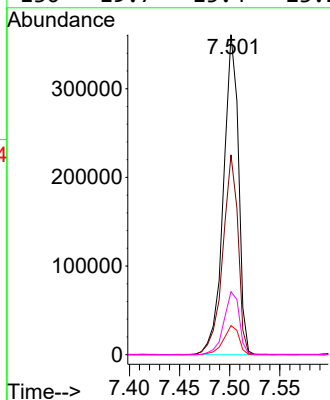
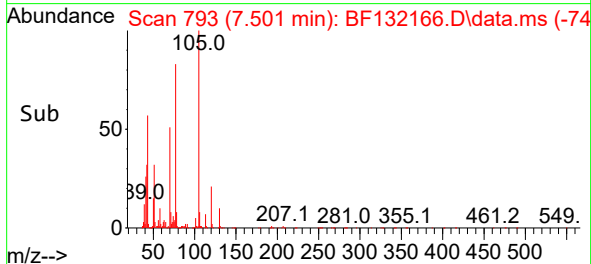
Instrument :
BNA_F
ClientSampleId :
PB150261BS



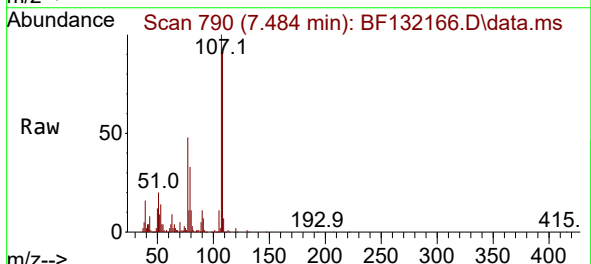
Tgt Ion: 70 Resp: 37688
Ion Ratio Lower Upper
70 100
42 62.4 51.0 76.4
101 9.1 7.3 10.9
130 19.7 15.4 23.2

Manual Integrations
APPROVED

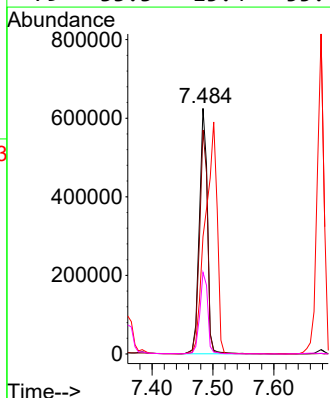
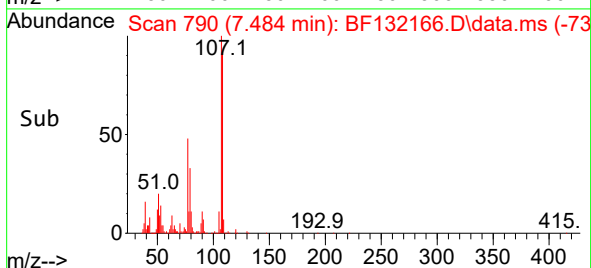
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

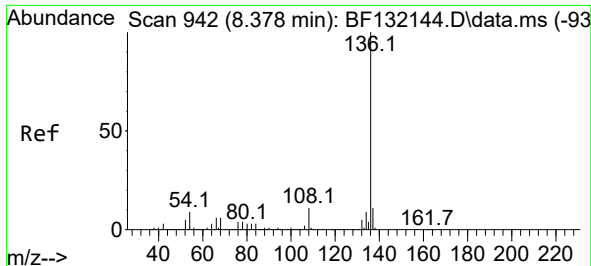


#20
3+4-Methylphenols
Concen: 39.585 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:107 Resp: 572923
Ion Ratio Lower Upper
107 100
108 91.2 73.8 113.8
77 47.8 22.8 62.8
79 33.3 15.4 55.4





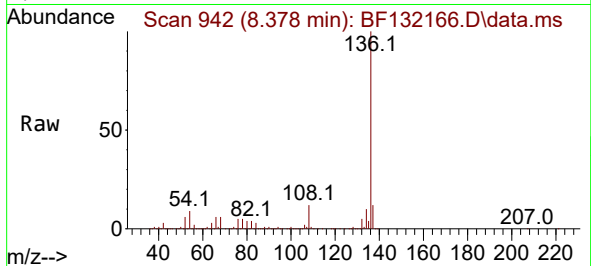
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

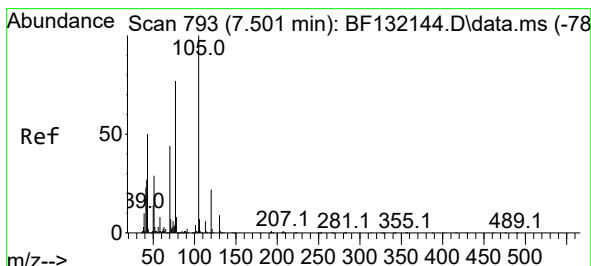
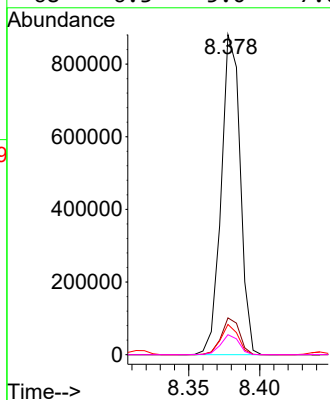
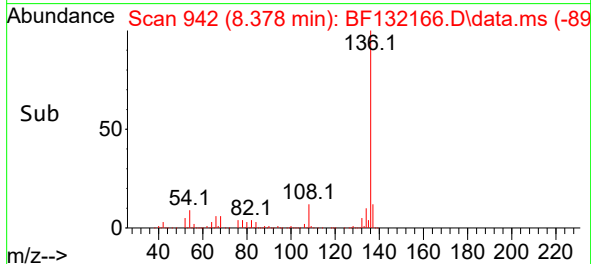


Tgt Ion:136 Resp: 81714
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.5 7.0 10.6
68 6.3 5.0 7.6

Manual Integrations

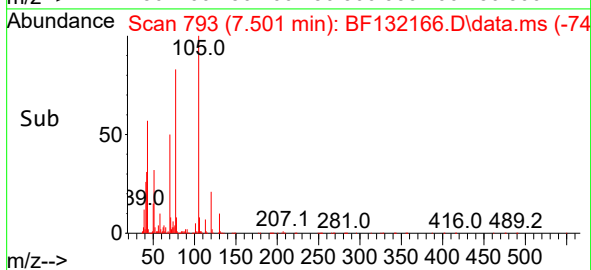
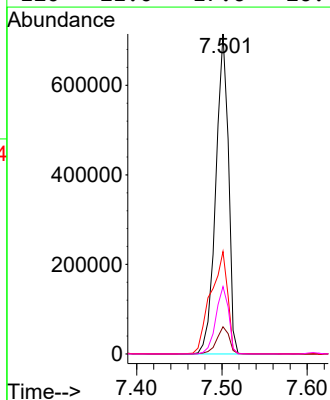
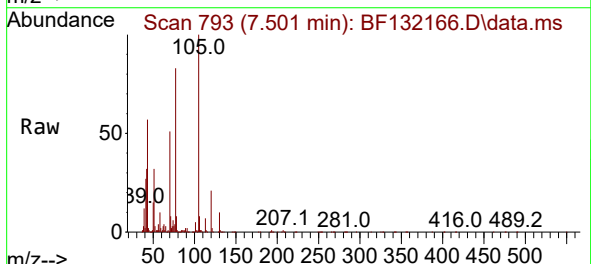
APPROVED

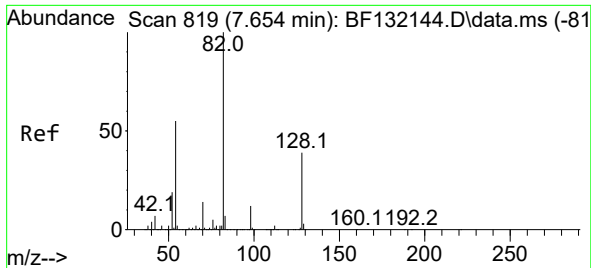
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#22
Acetophenone
Concen: 37.393 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

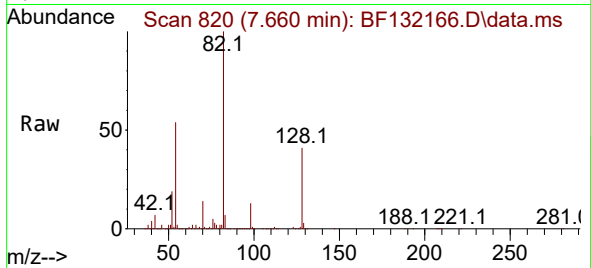
Tgt Ion:105 Resp: 734409
Ion Ratio Lower Upper
105 100
71 8.5 5.8 8.6
51 32.0 23.0 34.6
120 21.0 17.6 26.4





#23
Nitrobenzene-d5
Concen: 80.124 ng
RT: 7.660 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

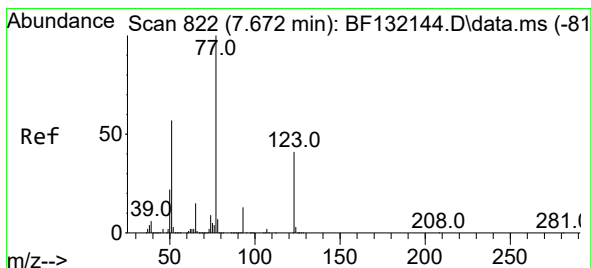
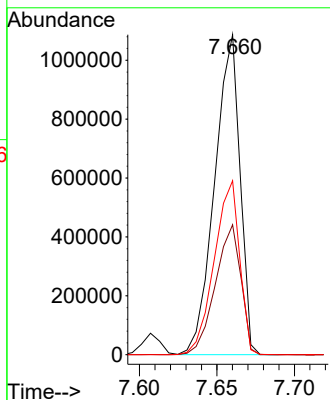
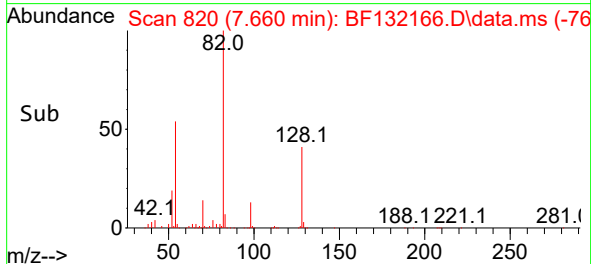
Instrument :
BNA_F
ClientSampleId :
PB150261BS



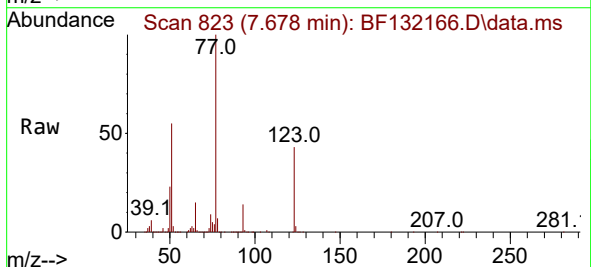
Tgt Ion: 82 Resp: 1232470
Ion Ratio Lower Upper
82 100
128 40.6 31.1 46.7
54 54.4 43.9 65.9

Manual Integrations
APPROVED

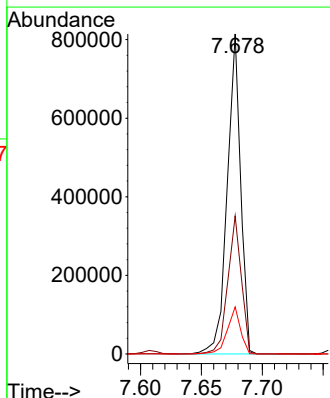
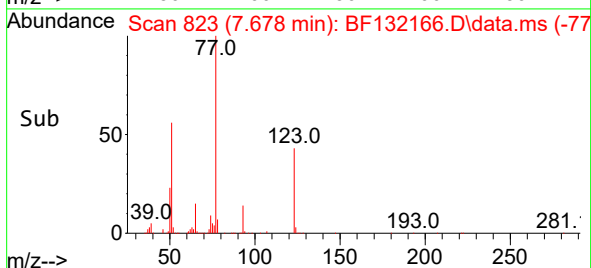
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

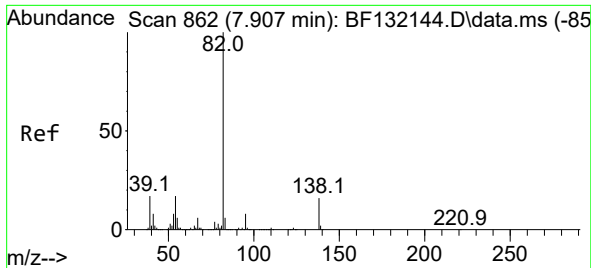


#24
Nitrobenzene
Concen: 38.480 ng
RT: 7.678 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion: 77 Resp: 626698
Ion Ratio Lower Upper
77 100
123 43.1 33.1 49.7
65 14.7 11.7 17.5





#25

Isophorone

Concen: 38.593 ng

RT: 7.913 min Scan# 863

Delta R.T. 0.006 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

Tgt Ion: 82 Resp: 1161530

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

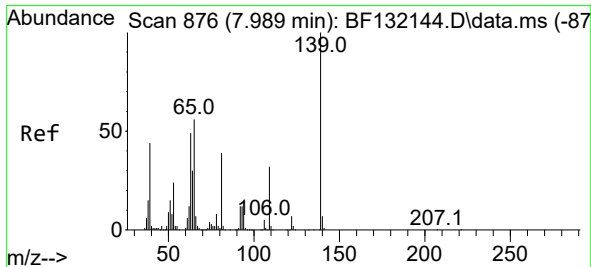
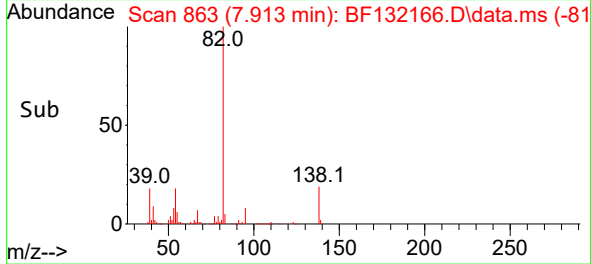
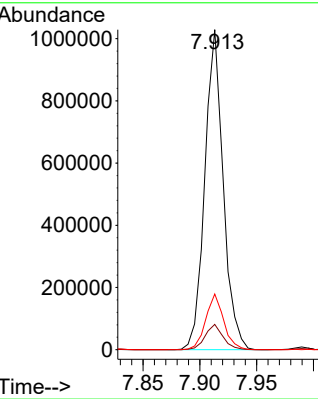
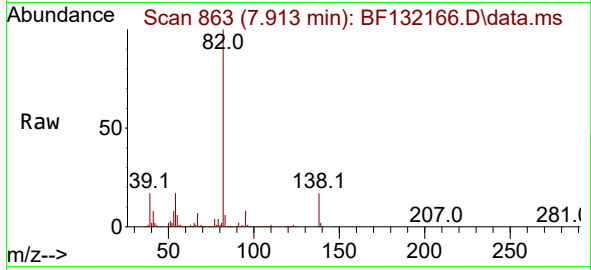
138 17.4 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#26

2-Nitrophenol

Concen: 46.908 ng

RT: 7.989 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

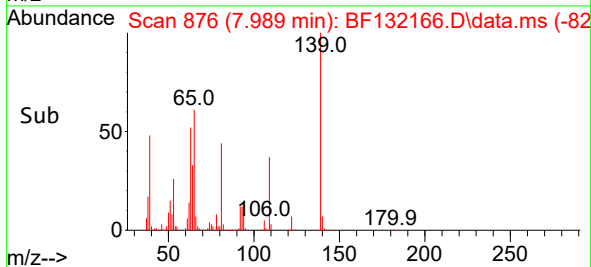
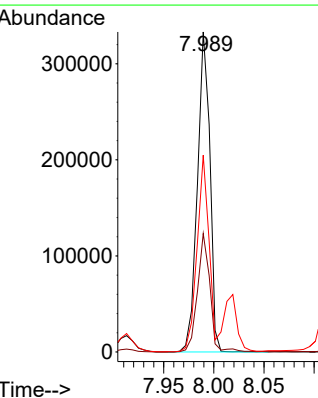
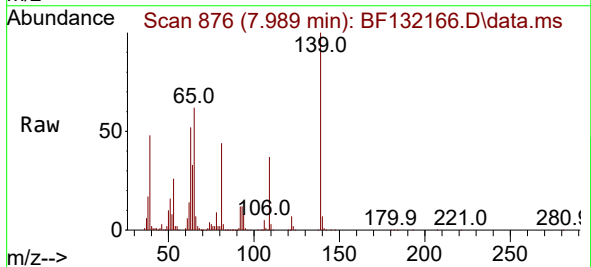
Tgt Ion:139 Resp: 289607

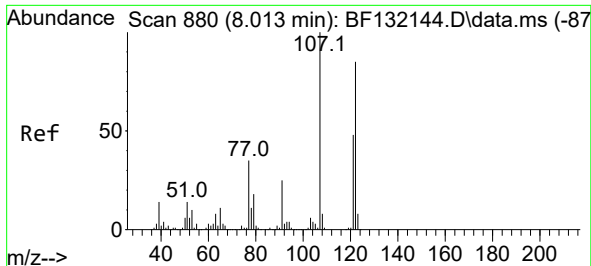
Ion Ratio Lower Upper

139 100

109 37.0 25.8 38.8

65 61.5 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 38.841 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132166.D

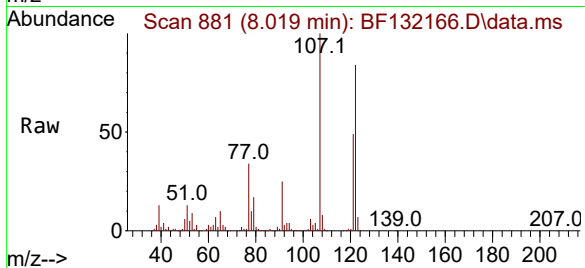
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

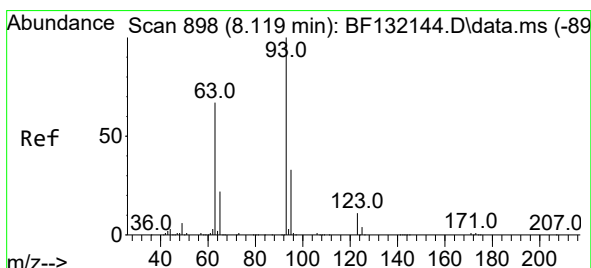
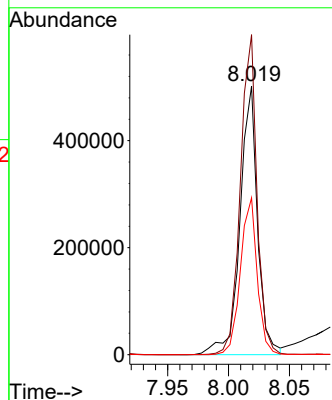
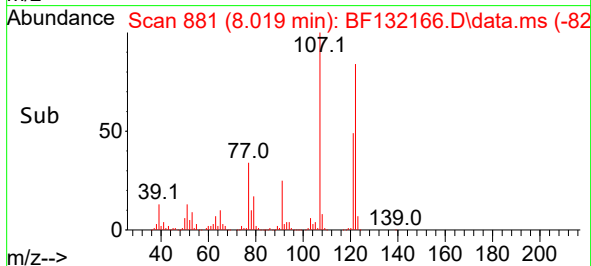


Tgt Ion:	122	Resp:	505830
Ion	Ratio	Lower	Upper
122	100		
107	119.1	94.2	141.4
121	58.4	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.019 ng

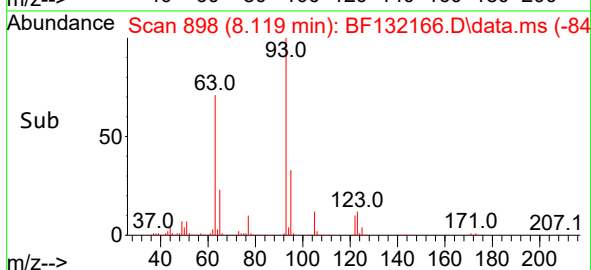
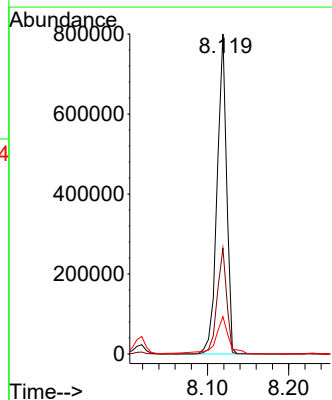
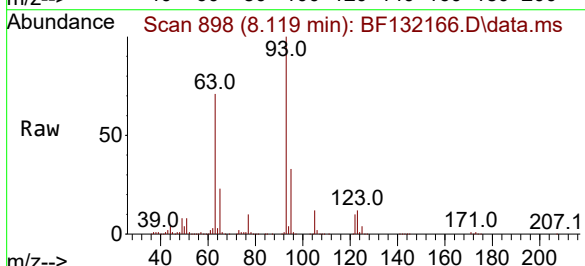
RT: 8.119 min Scan# 898

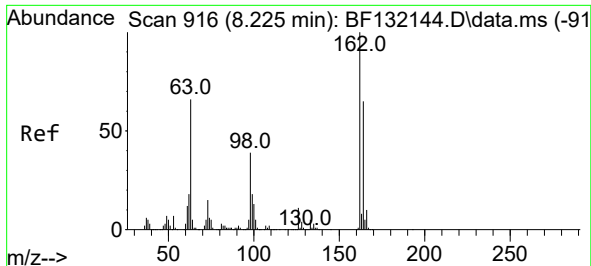
Delta R.T. -0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Tgt Ion:	93	Resp:	650418
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.7	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 39.491 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132166.D

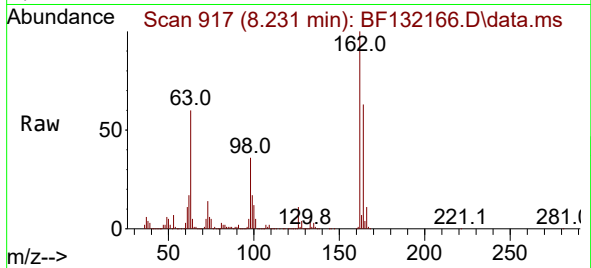
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS



Tgt Ion:162 Resp: 488258

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

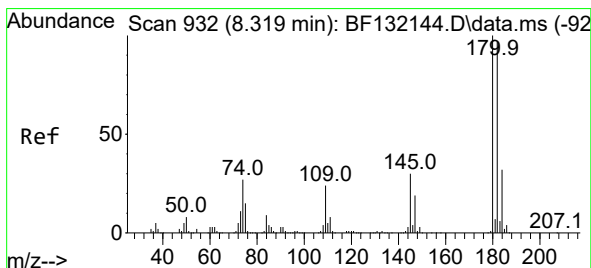
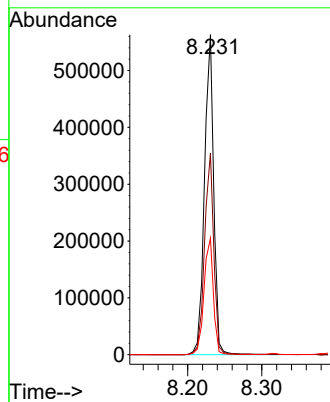
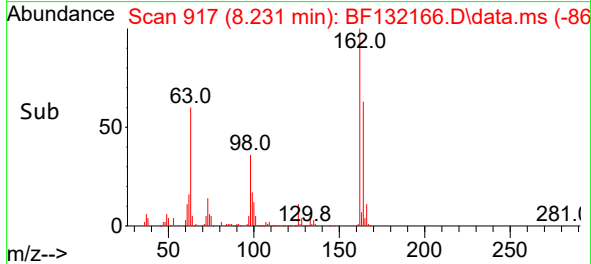
98 36.4 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#30

1,2,4-Trichlorobenzene

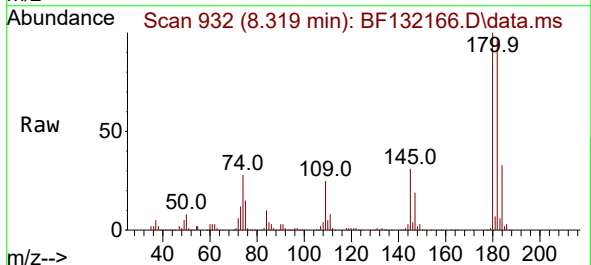
Concen: 37.123 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50



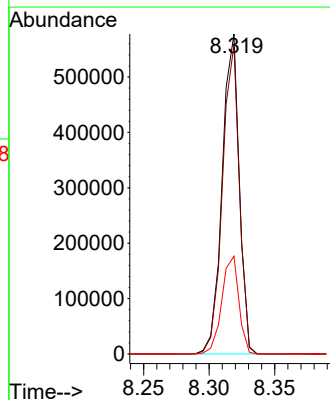
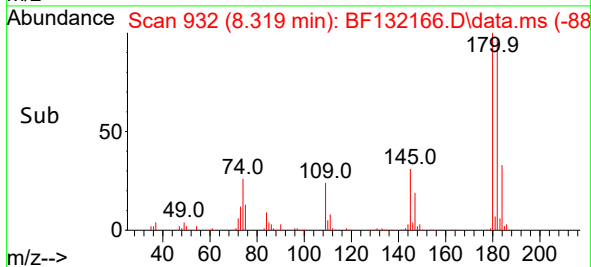
Tgt Ion:180 Resp: 521335

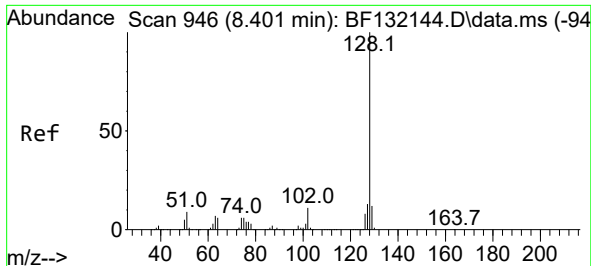
Ion Ratio Lower Upper

180 100

182 96.6 77.4 116.0

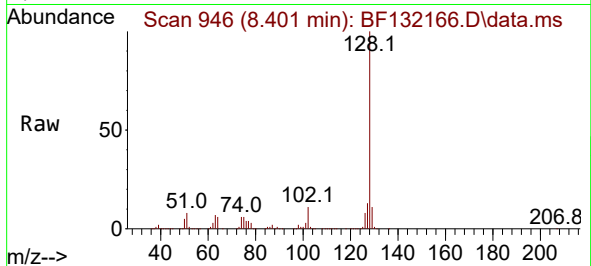
145 30.6 23.8 35.6





#31
Naphthalene
Concen: 36.448 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

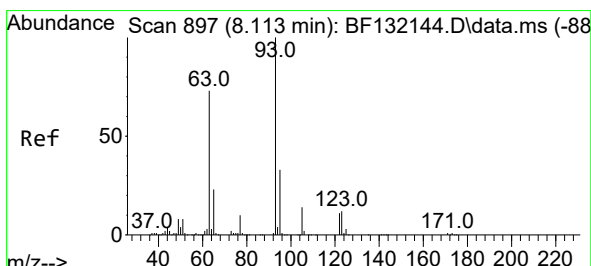
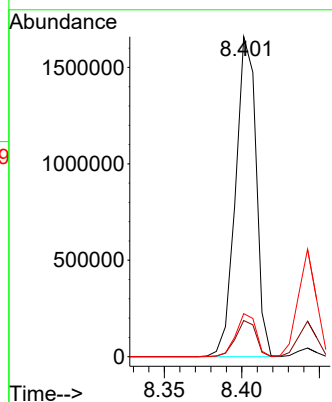
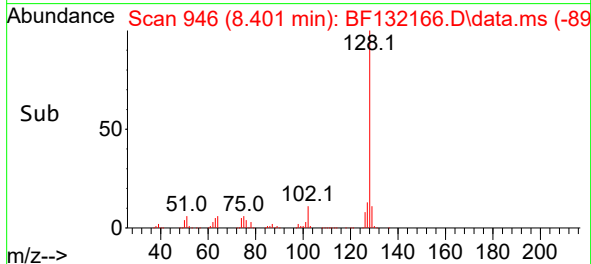
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion:128 Resp: 152958
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.6 15.8

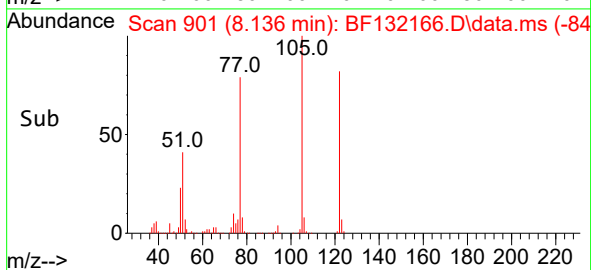
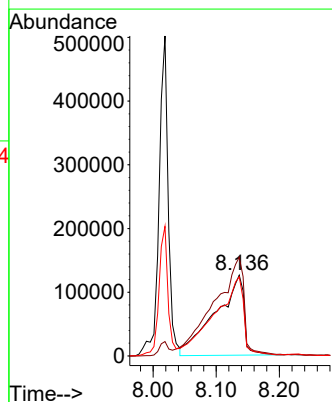
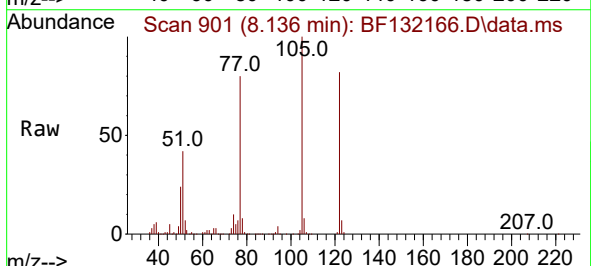
Manual Integrations
APPROVED

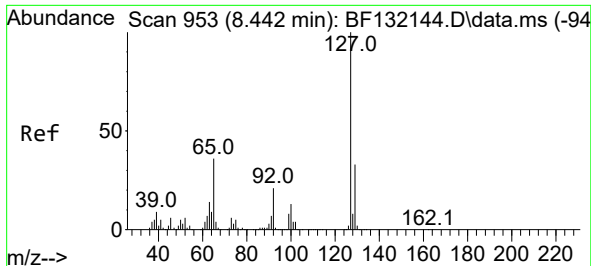
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 45.893 ng
RT: 8.136 min Scan# 901
Delta R.T. 0.024 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Tgt Ion:122 Resp: 395481
Ion Ratio Lower Upper
122 100
105 122.4 96.8 136.8
77 98.1 72.5 112.5





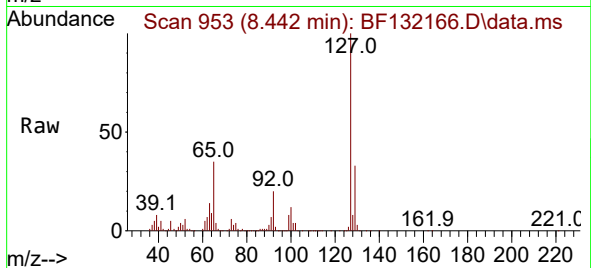
#33
4-Chloroaniline
Concen: 25.645 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

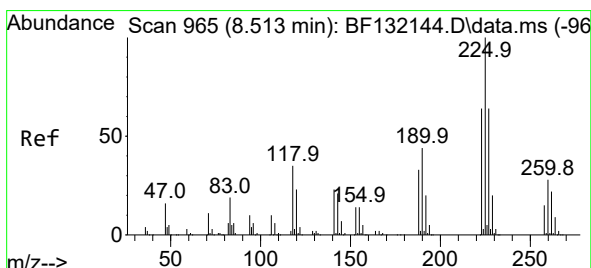
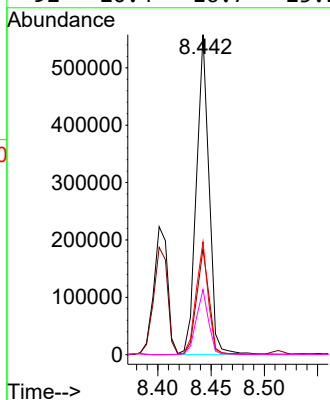
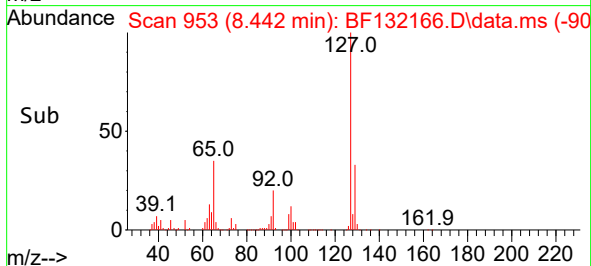


Tgt Ion:127 Resp: 46056
Ion Ratio Lower Upper
127 100
129 33.1 26.0 39.0
65 35.3 28.4 42.6
92 20.4 16.7 25.1

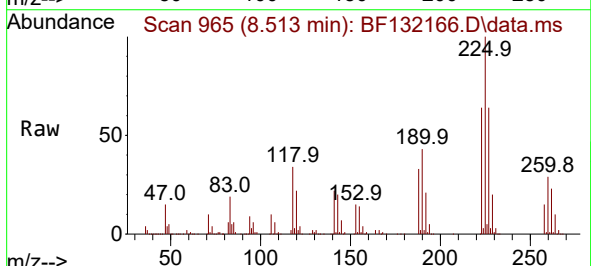
Manual Integrations

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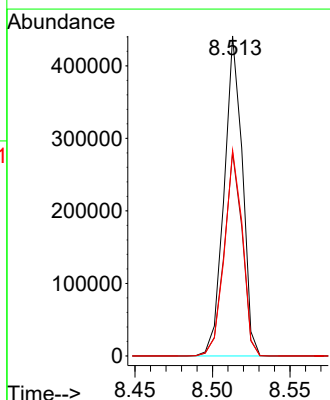
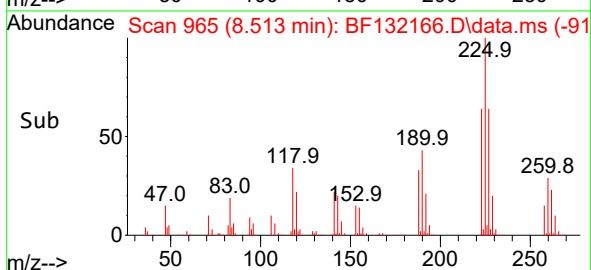
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

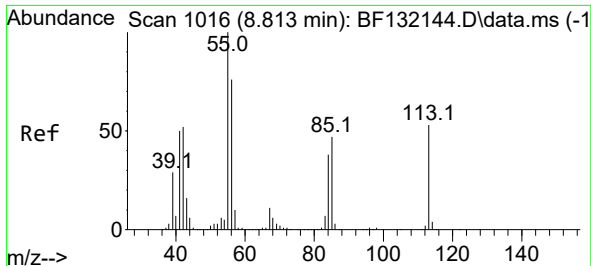


#34
Hexachlorobutadiene
Concen: 38.205 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



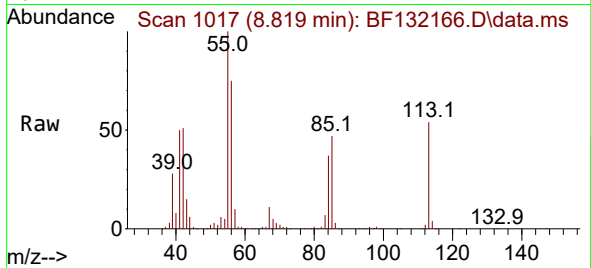
Tgt Ion:225 Resp: 360420
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 64.4 50.8 76.2





#35
 Caprolactam
 Concen: 49.796 ng m
 RT: 8.819 min Scan# 1016
 Delta R.T. 0.006 min
 Lab File: BF132166.D
 Acq: 20 Jan 2023 17:50

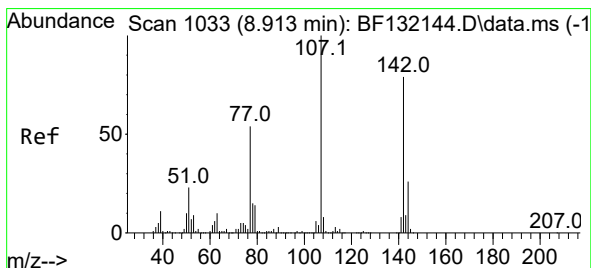
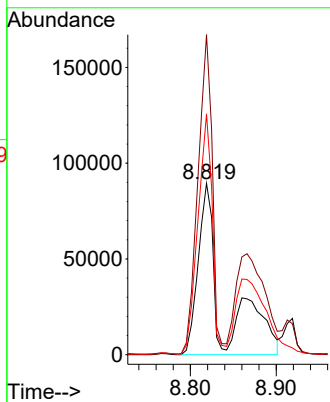
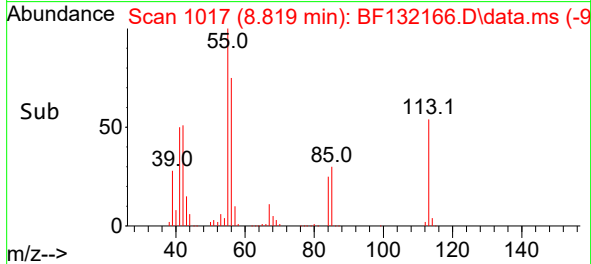
Instrument :
 BNA_F
 ClientSampleId :
 PB150261BS



Tgt Ion:113 Resp: 17459
 Ion Ratio Lower Upper
 113 100
 55 186.8 167.5 207.5
 56 140.5 122.0 162.0

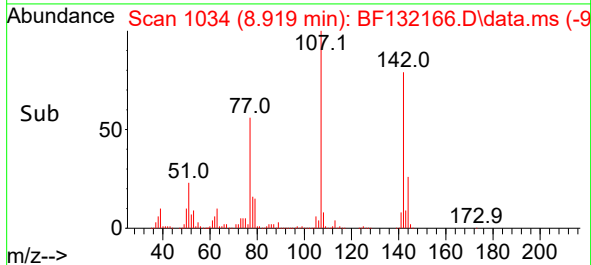
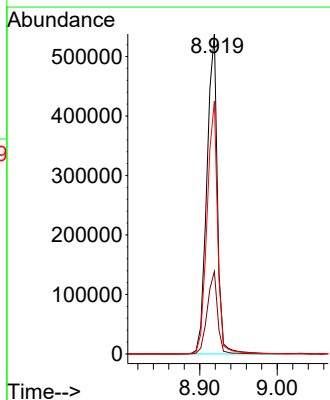
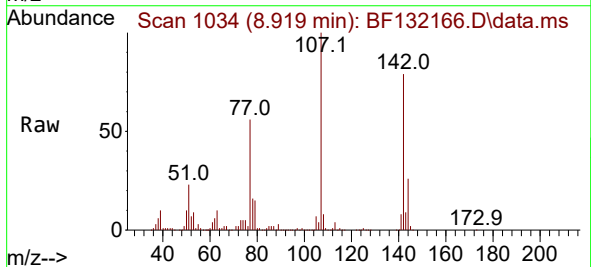
Manual Integrations
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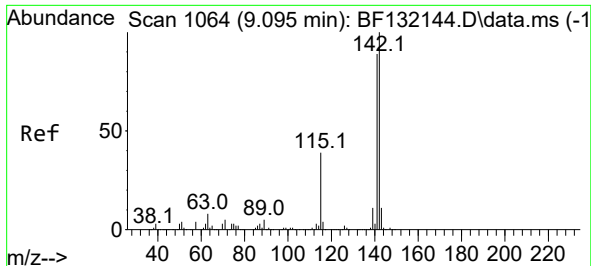
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#36
 4-Chloro-3-methylphenol
 Concen: 40.781 ng
 RT: 8.919 min Scan# 1034
 Delta R.T. 0.006 min
 Lab File: BF132166.D
 Acq: 20 Jan 2023 17:50

Tgt Ion:107 Resp: 507408
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.0 31.4
 142 79.0 63.6 95.4





#37

2-Methylnaphthalene

Concen: 35.010 ng

RT: 9.095 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

Tgt Ion:142 Resp: 101156

Ion Ratio Lower Upper

142 100

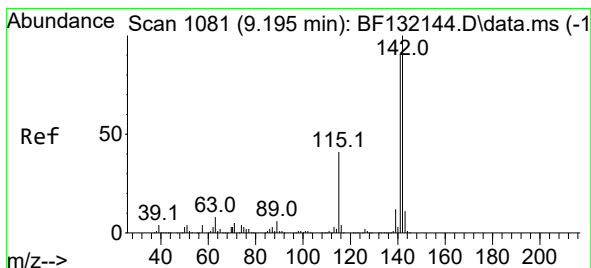
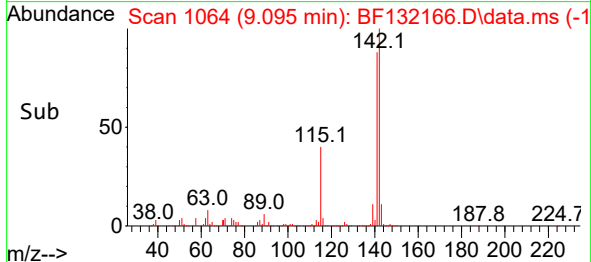
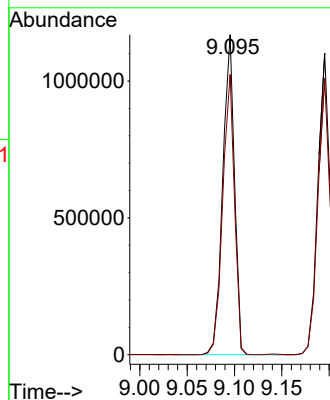
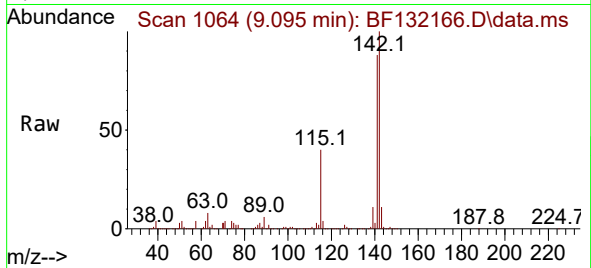
141 87.6 71.1 106.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#38

1-Methylnaphthalene

Concen: 35.746 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132166.D

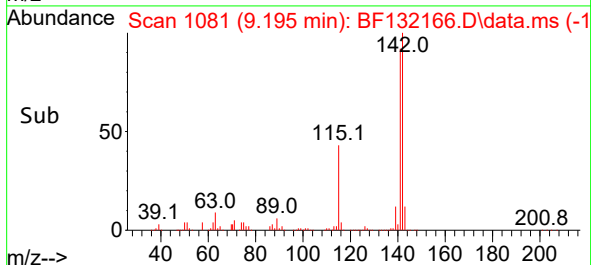
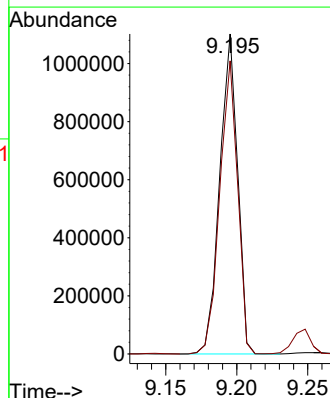
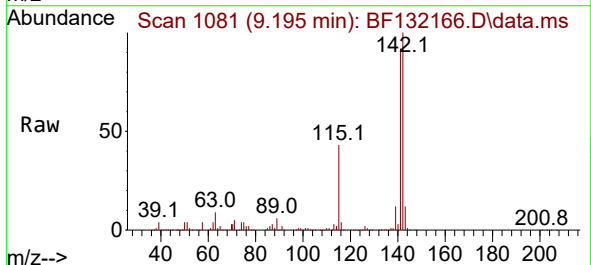
Acq: 20 Jan 2023 17:50

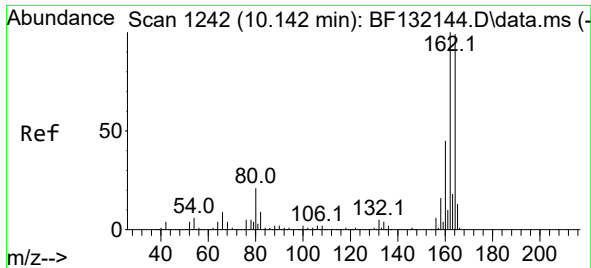
Tgt Ion:142 Resp: 961002

Ion Ratio Lower Upper

142 100

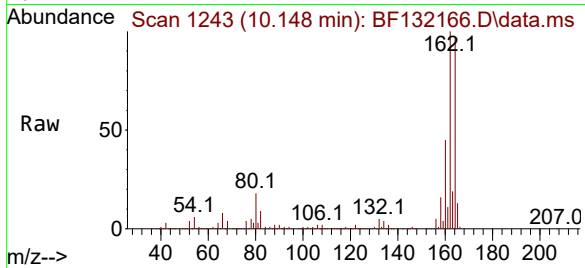
141 91.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

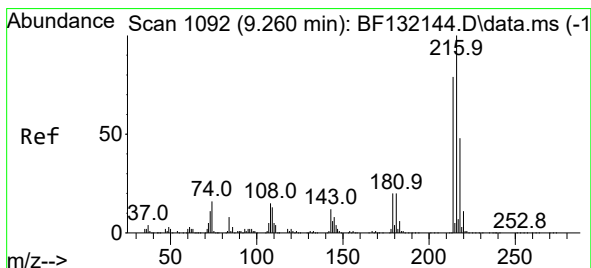
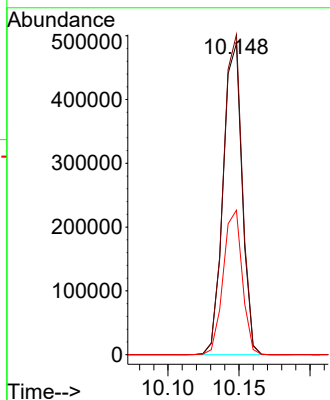
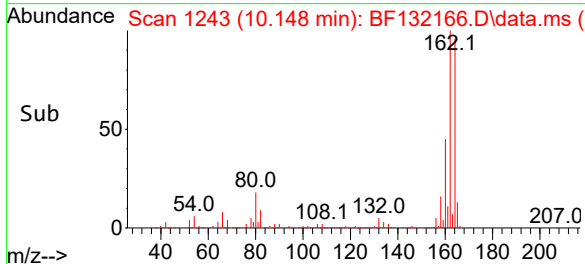
Instrument :
BNA_F
ClientSampleId :
PB150261BS



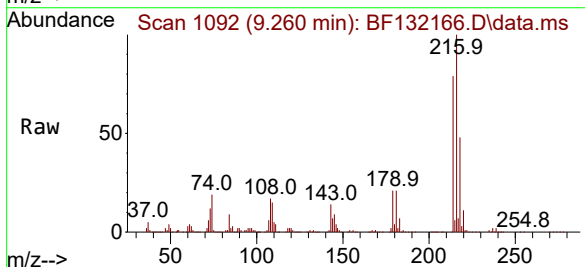
Tgt Ion:164 Resp: 45208
Ion Ratio Lower Upper
164 100
162 102.8 81.2 121.8
160 46.4 36.9 55.3

Manual Integrations
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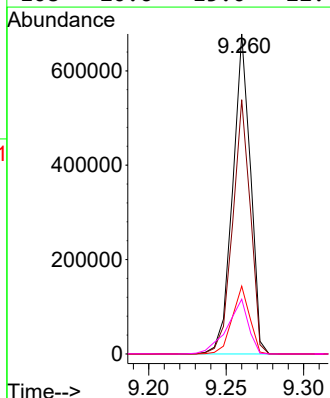
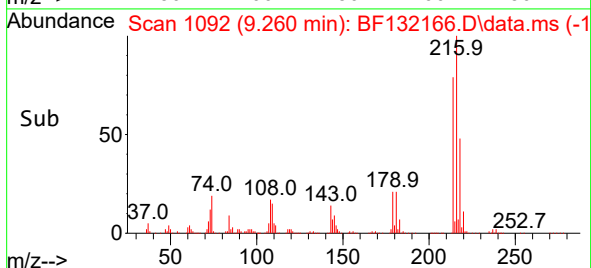
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

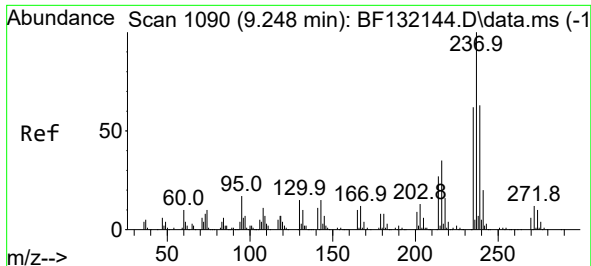


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.333 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:216 Resp: 540032
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.8 16.6 24.8
108 20.6 15.0 22.4





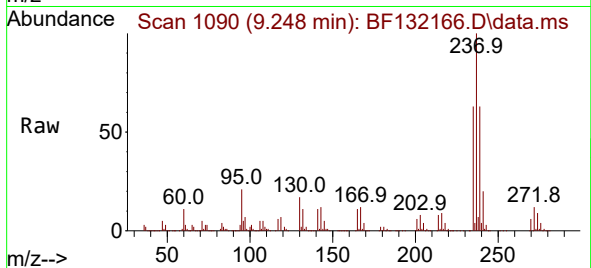
#41
Hexachlorocyclopentadiene
Concen: 75.042 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

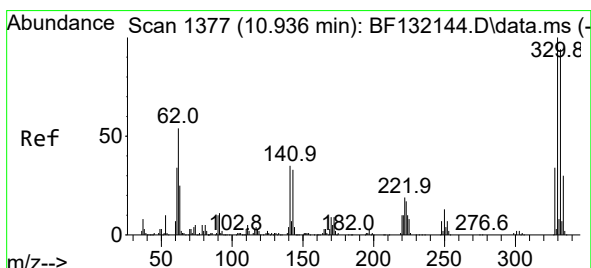
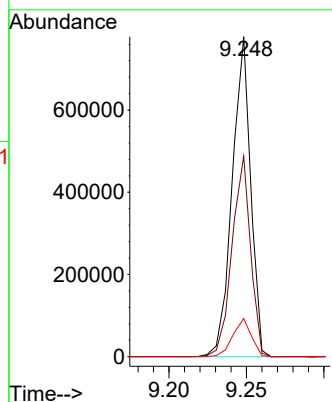
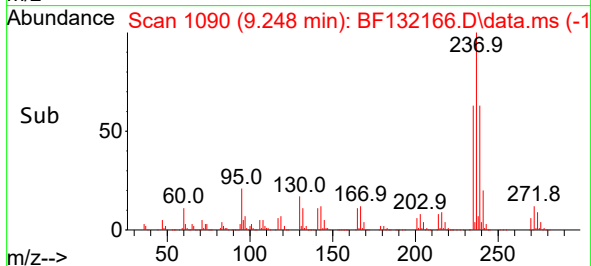


Tgt Ion:237 Resp: 644119
Ion Ratio Lower Upper
237 100
235 62.7 41.7 81.7
272 11.9 0.0 32.3

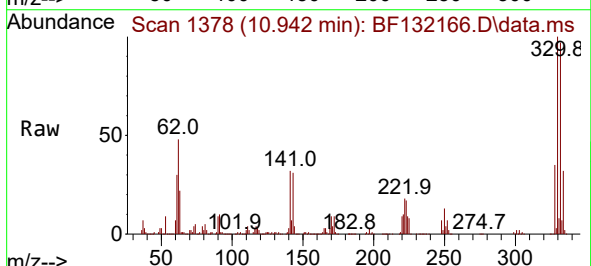
Manual Integrations

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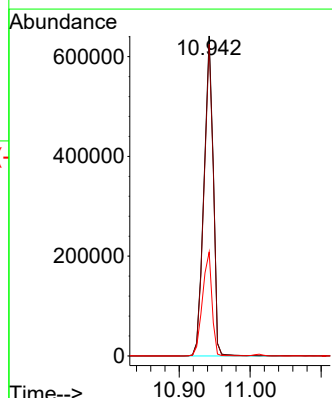
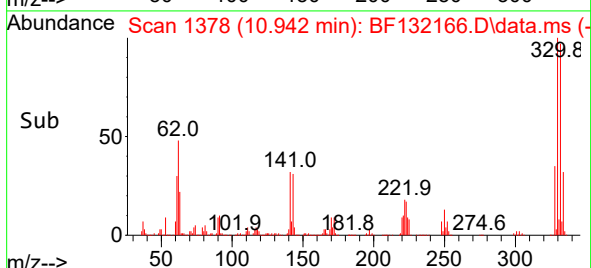
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

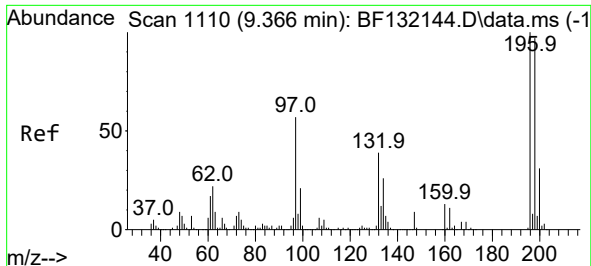


#42
2,4,6-Tribromophenol
Concen: 121.299 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:330 Resp: 585743
Ion Ratio Lower Upper
330 100
332 97.5 75.6 113.4
141 33.2 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 38.730 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132166.D

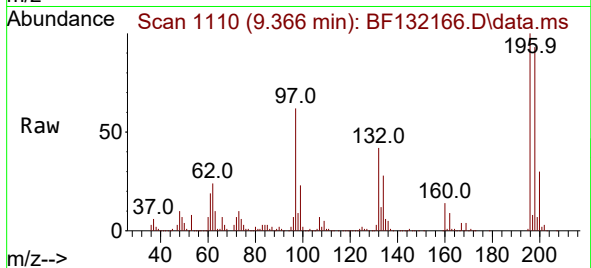
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS



Tgt Ion:196 Resp: 378074

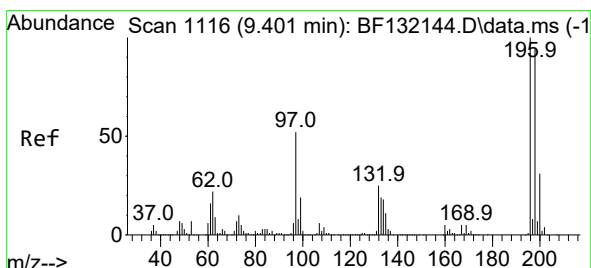
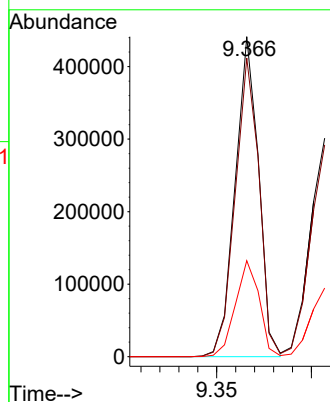
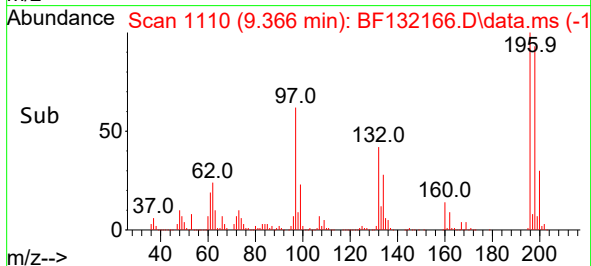
Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.4	116.2
200	30.0	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 36.230 ng

RT: 9.413 min Scan# 1118

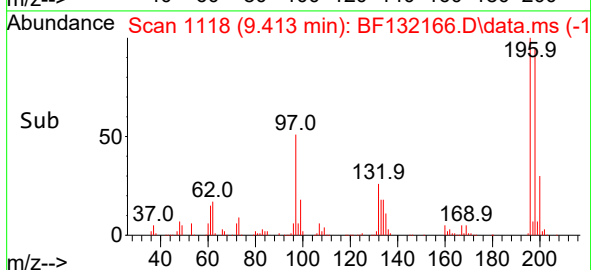
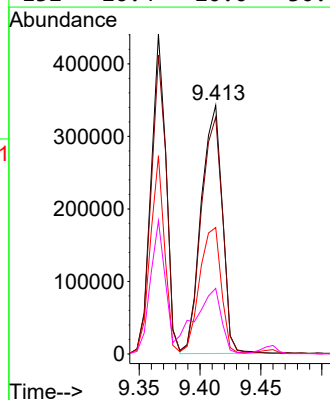
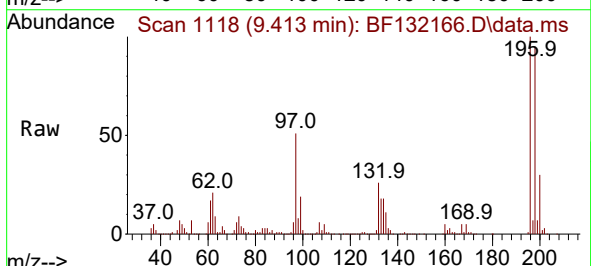
Delta R.T. 0.012 min

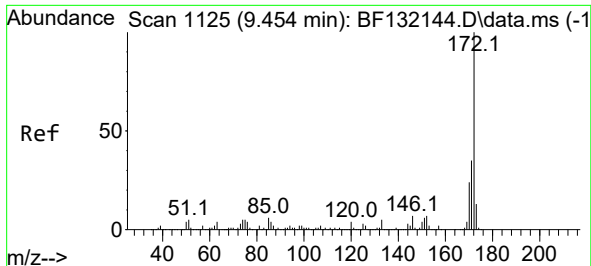
Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Tgt Ion:196 Resp: 413640

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.3	112.9
97	50.8	41.3	61.9
132	26.4	20.0	30.0





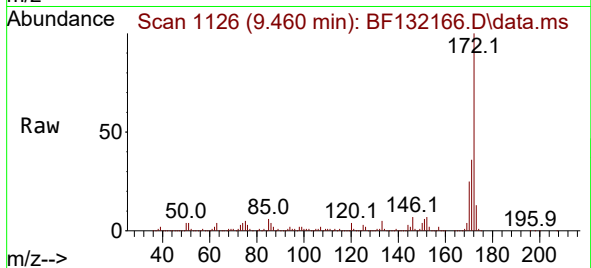
#45
2-Fluorobiphenyl
Concen: 62.421 ng
RT: 9.460 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

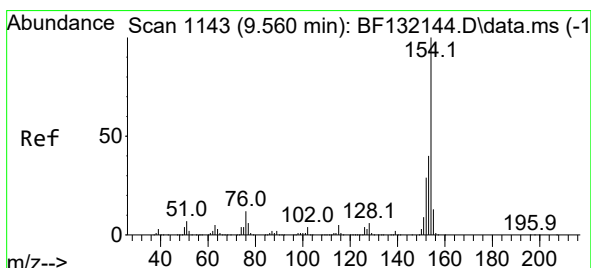
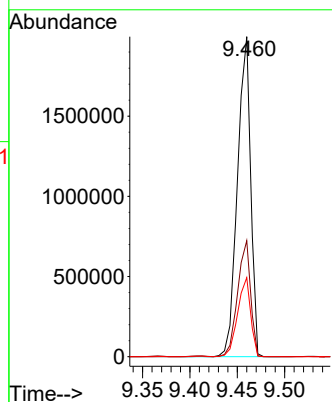
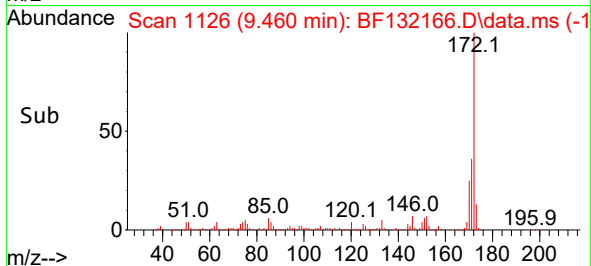


Tgt Ion:172 Resp: 1931210
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.7 19.6 29.4

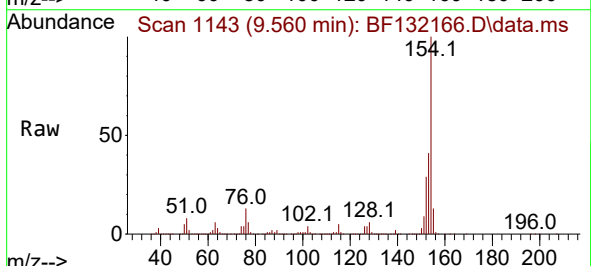
Manual Integrations

APPROVED

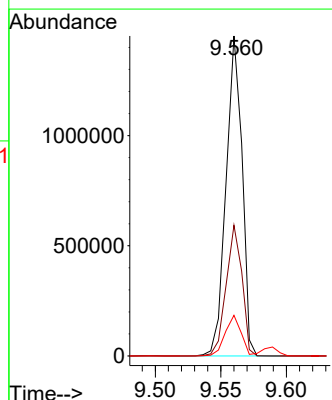
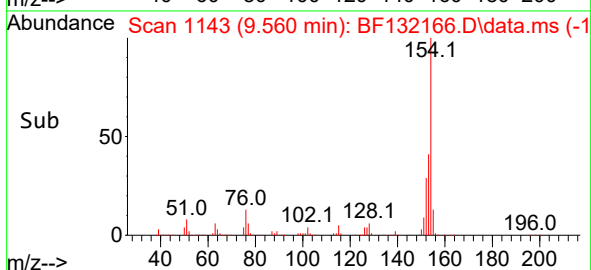
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

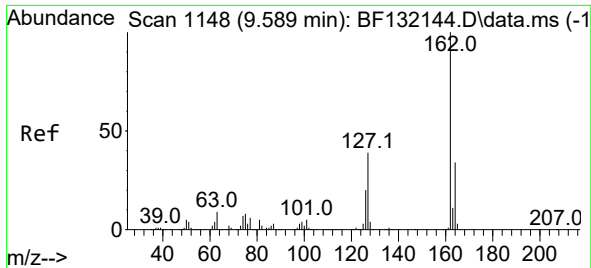


#46
1,1'-Biphenyl
Concen: 34.506 ng
RT: 9.560 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



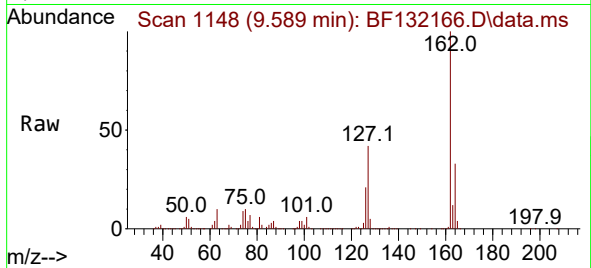
Tgt Ion:154 Resp: 1230701
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 12.7 0.0 32.2





#47
2-Chloronaphthalene
Concen: 35.409 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

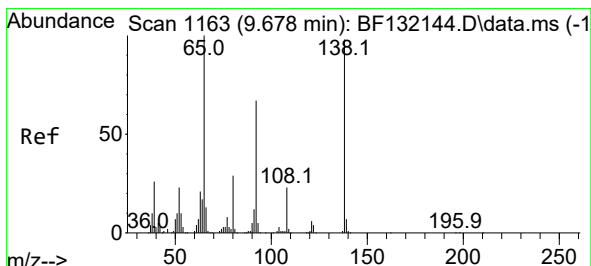
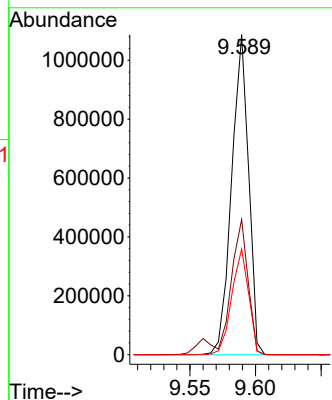
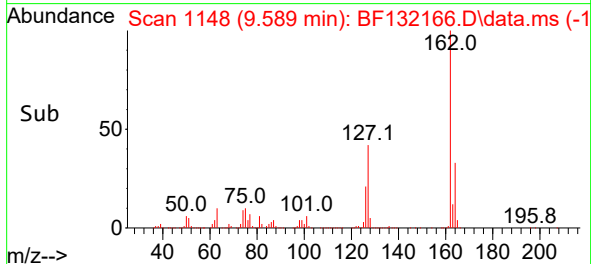
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion:162 Resp: 976260
Ion Ratio Lower Upper
162 100
127 42.2 31.1 46.7
164 33.0 26.9 40.3

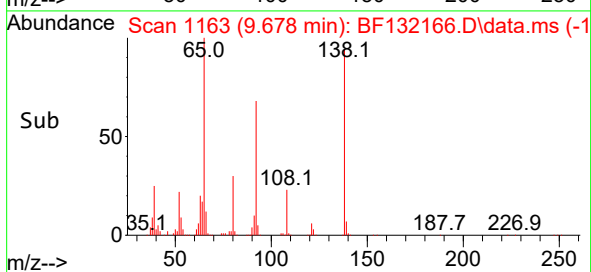
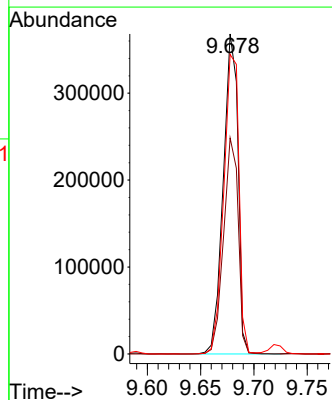
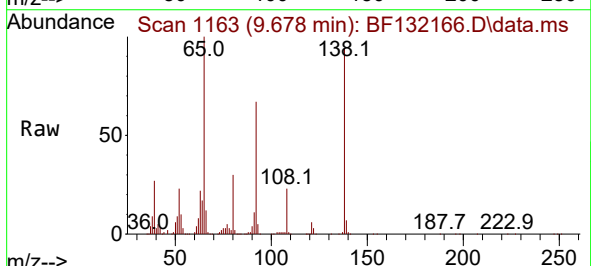
Manual Integrations
APPROVED

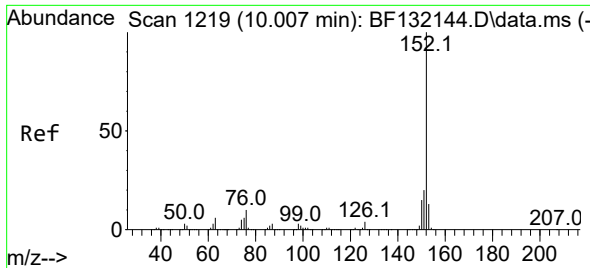
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 40.460 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

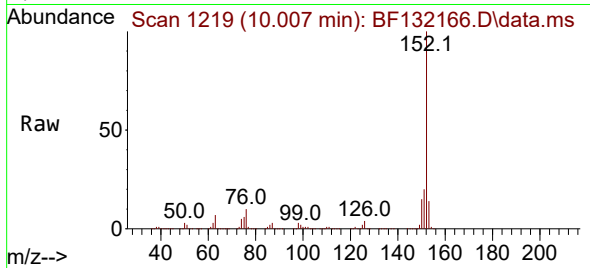
Tgt Ion: 65 Resp: 353025
Ion Ratio Lower Upper
65 100
92 67.5 53.8 80.6
138 93.6 78.7 118.1





#49
Acenaphthylene
Concen: 34.648 ng
RT: 10.007 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

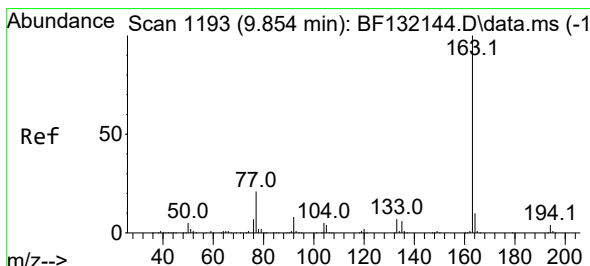
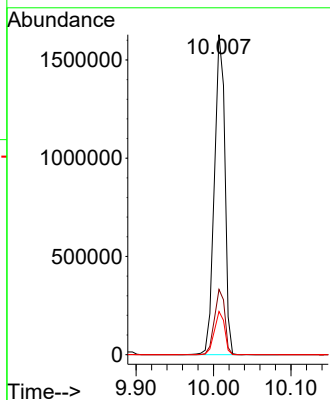
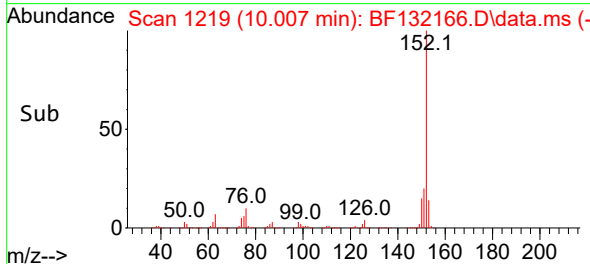
Instrument :
BNA_F
ClientSampleId :
PB150261BS



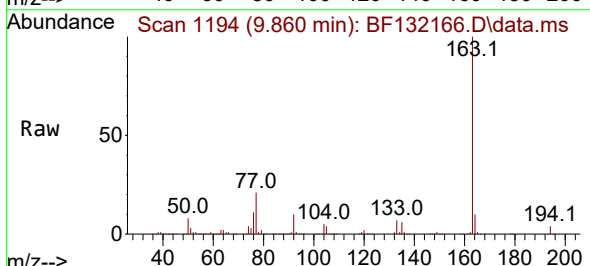
Tgt Ion:152 Resp: 1528218
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 10.6 15.8

Manual Integrations
APPROVED

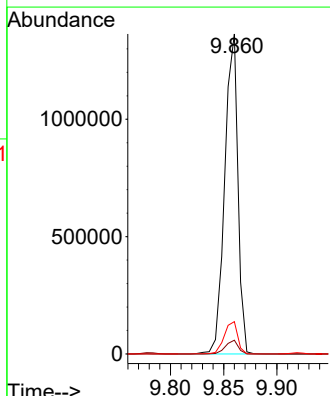
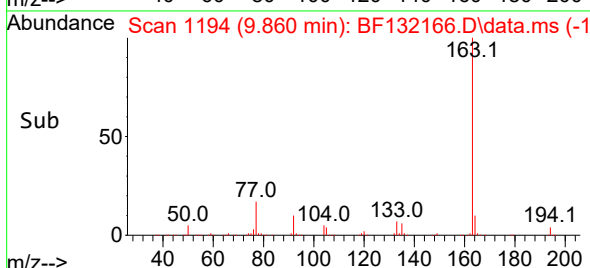
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

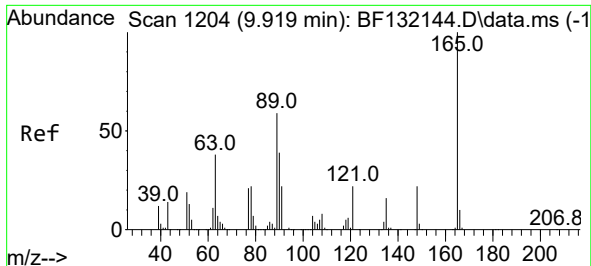


#50
Dimethylphthalate
Concen: 35.743 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



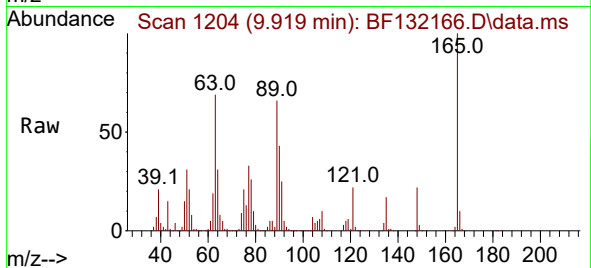
Tgt Ion:163 Resp: 1170301
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.716 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

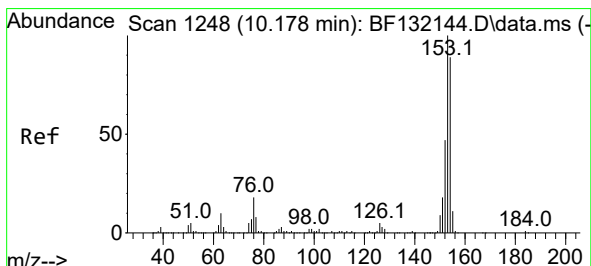
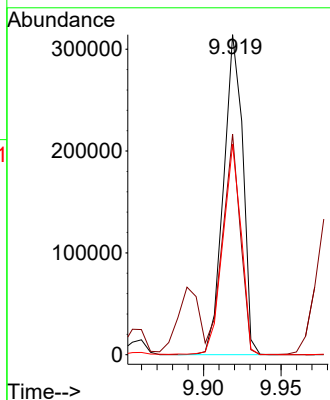
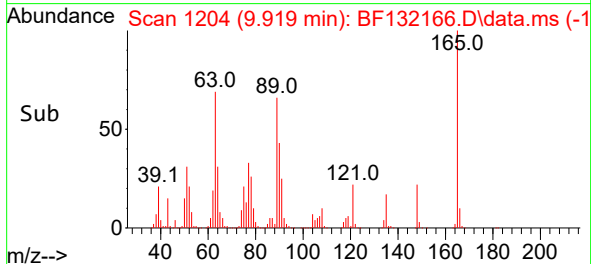
Instrument :
BNA_F
ClientSampleId :
PB150261BS



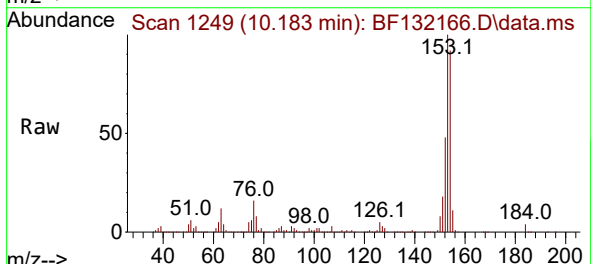
Tgt Ion:165 Resp: 271093
Ion Ratio Lower Upper
165 100
63 68.9 46.6 70.0
89 65.8 47.4 71.2

Manual Integrations
APPROVED

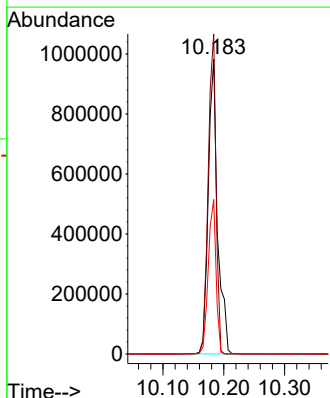
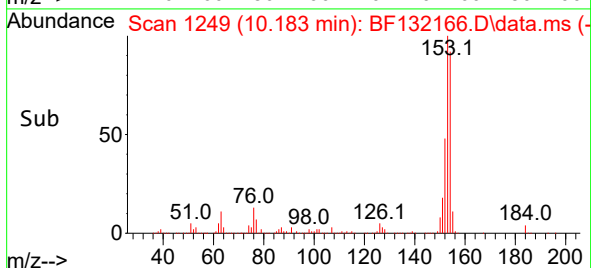
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

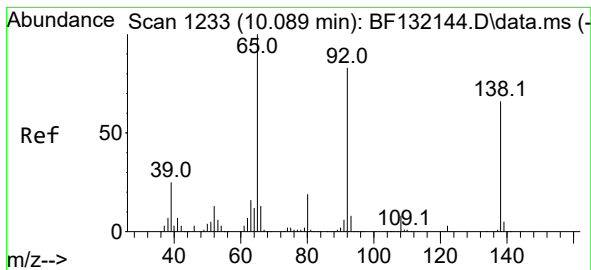


#52
Acenaphthene
Concen: 39.425 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



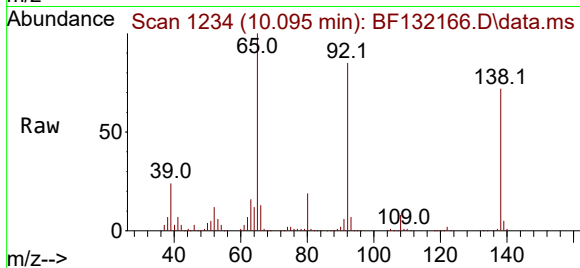
Tgt Ion:154 Resp: 1045933
Ion Ratio Lower Upper
154 100
153 108.6 89.8 134.8
152 52.4 42.3 63.5





#53
3-Nitroaniline
Concen: 36.650 ng
RT: 10.095 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

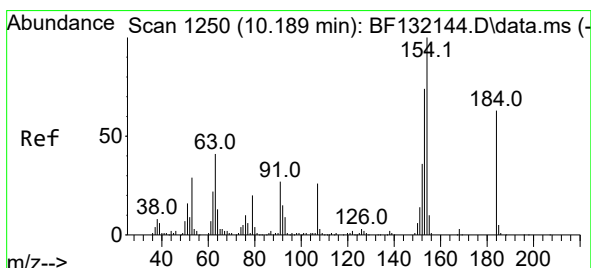
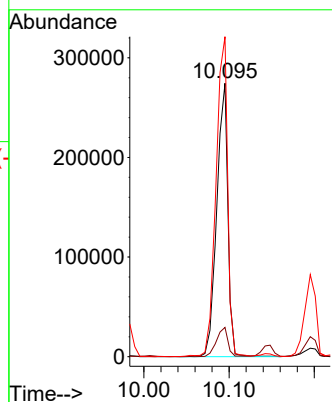
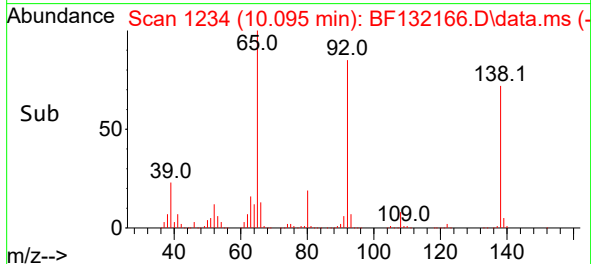
Instrument :
BNA_F
ClientSampleId :
PB150261BS



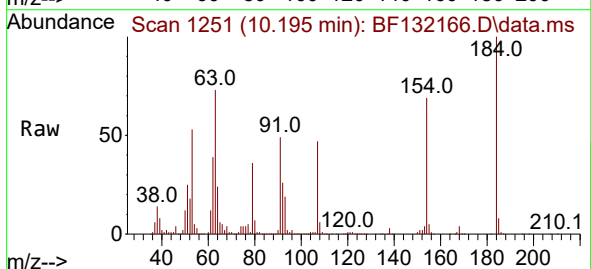
Tgt Ion:138 Resp: 248670
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 117.0 101.2 151.8

Manual Integrations
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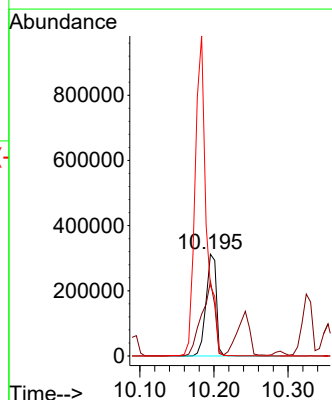
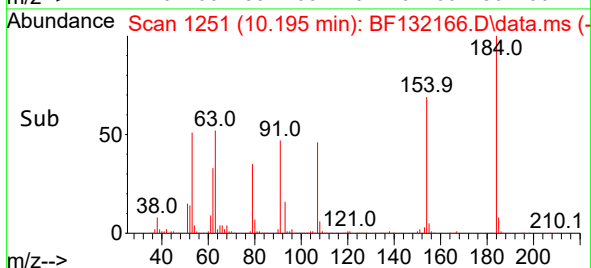
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

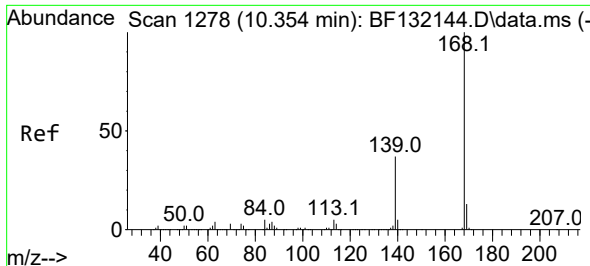


#54
2,4-Dinitrophenol
Concen: 101.083 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



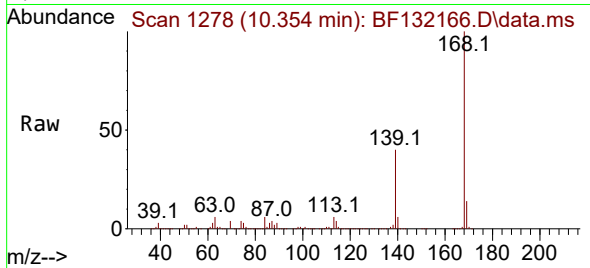
Tgt Ion:184 Resp: 303641
Ion Ratio Lower Upper
184 100
63 73.2 53.2 79.8
154 68.8 129.4 194.0#





#55
Dibenzofuran
Concen: 34.371 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

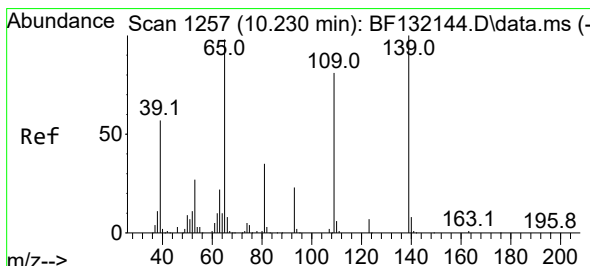
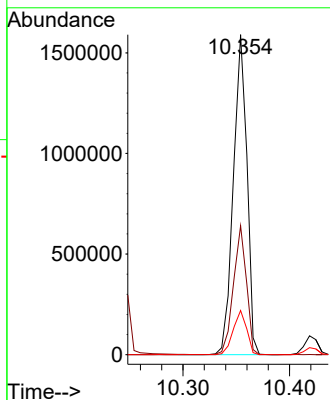
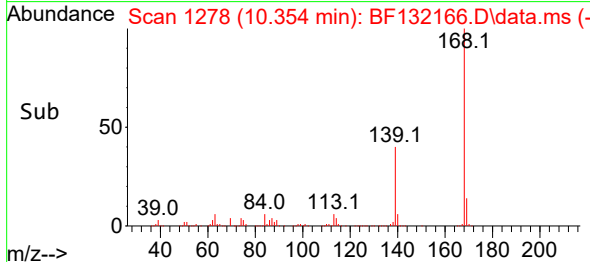
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion:168 Resp: 140916
Ion Ratio Lower Upper
168 100
139 40.3 29.8 44.8
169 13.8 10.3 15.5

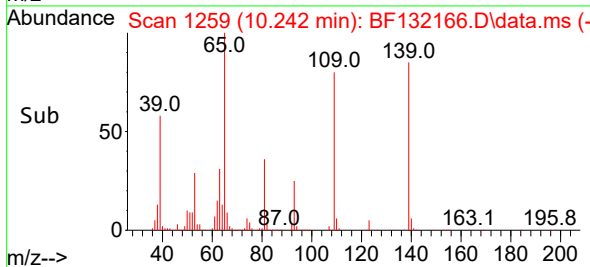
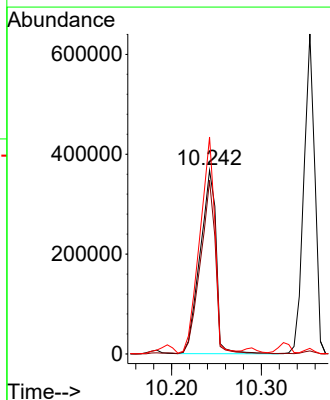
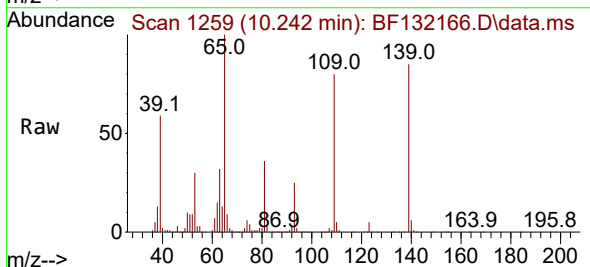
Manual Integrations
APPROVED

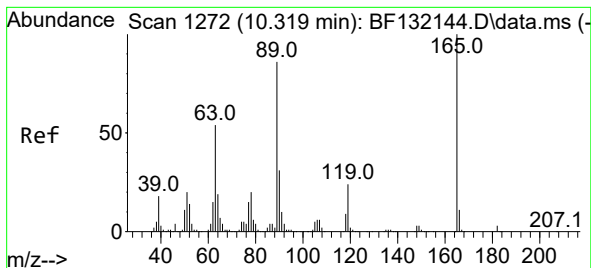
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 92.351 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Tgt Ion:139 Resp: 456046
Ion Ratio Lower Upper
139 100
109 94.5 61.0 101.0
65 118.1 79.3 119.3





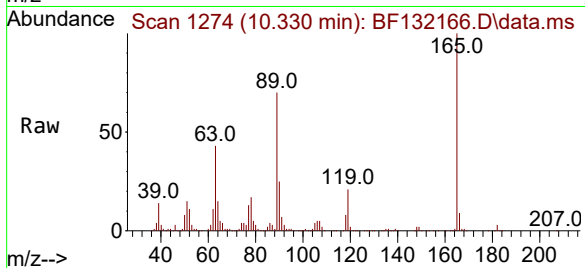
#57
2,4-Dinitrotoluene
Concen: 46.843 ng
RT: 10.330 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

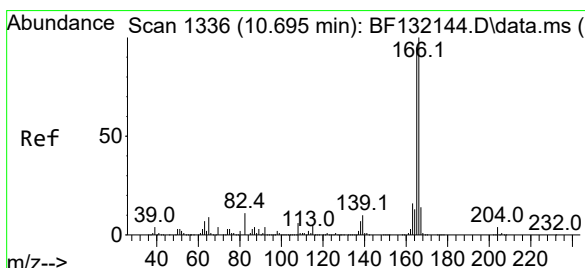
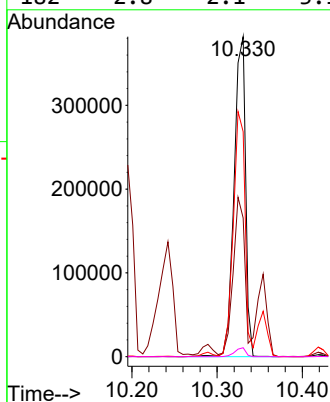
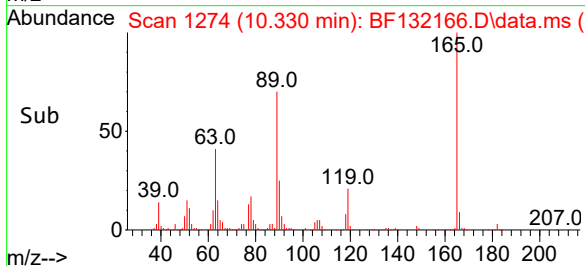


Tgt Ion:165 Resp: 35684
Ion Ratio Lower Upper
165 100
63 43.3 43.5 65.3
89 70.3 69.0 103.6
182 2.8 2.1 3.1

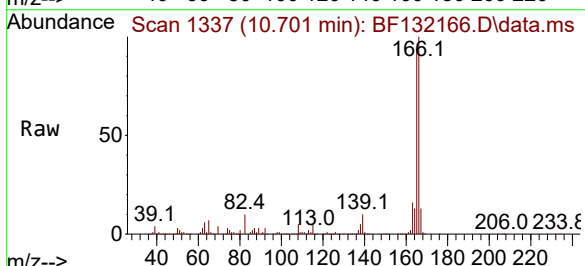
Manual Integrations

APPROVED

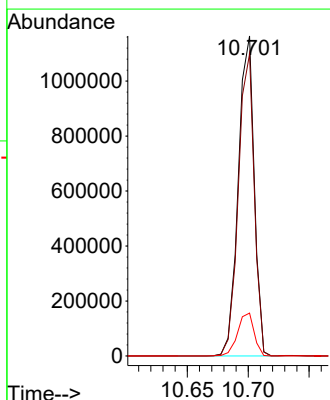
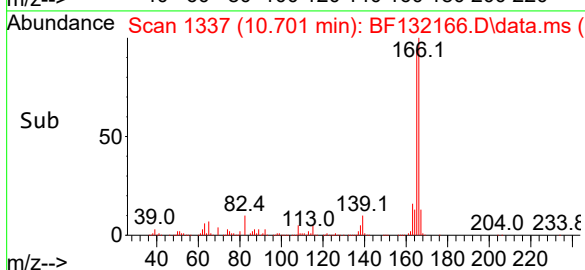
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

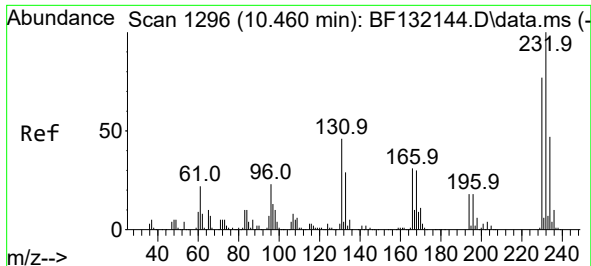


#58
Fluorene
Concen: 34.779 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



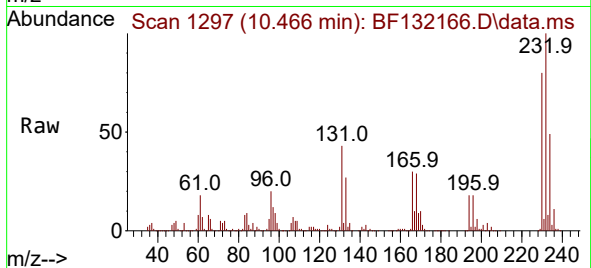
Tgt Ion:166 Resp: 1056575
Ion Ratio Lower Upper
166 100
165 94.4 76.4 114.6
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.352 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

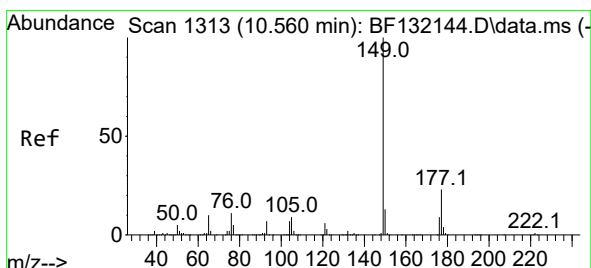
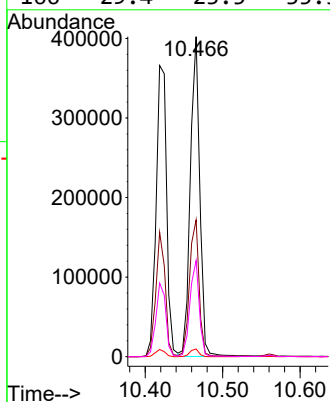
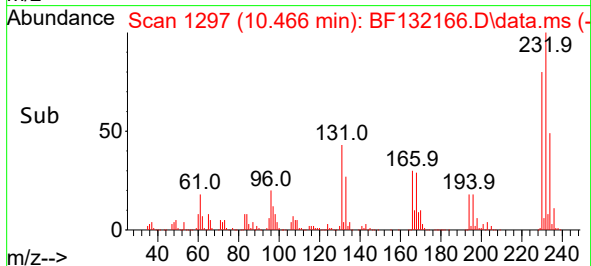
Instrument :
BNA_F
ClientSampleId :
PB150261BS



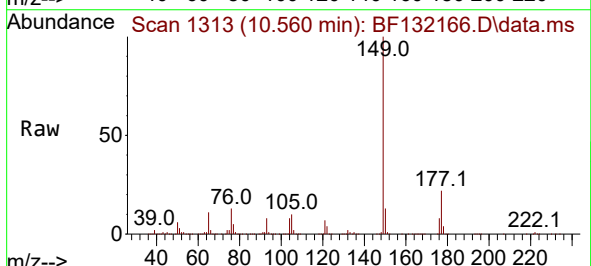
Tgt Ion:232 Resp: 341762
Ion Ratio Lower Upper
232 100
131 43.0 33.8 50.6
130 2.3 1.9 2.9
166 29.4 23.5 35.3

Manual Integrations
APPROVED

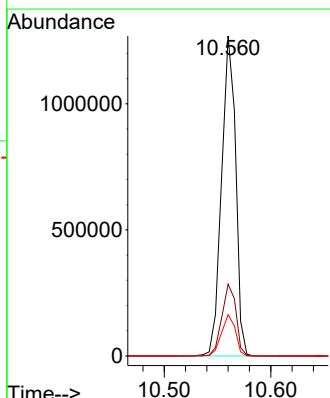
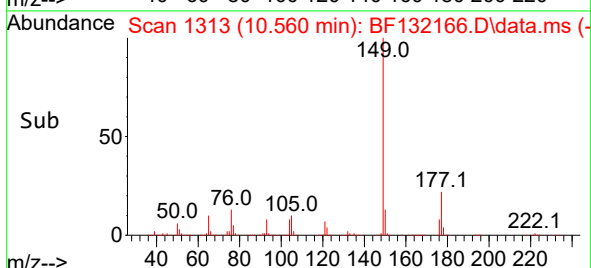
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

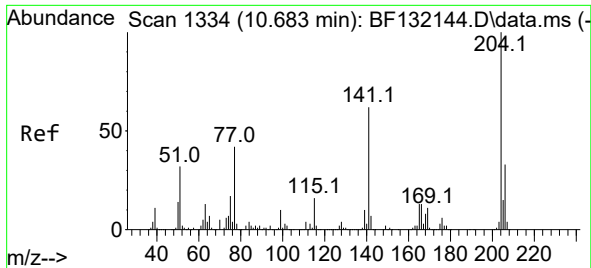


#60
Diethylphthalate
Concen: 36.248 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



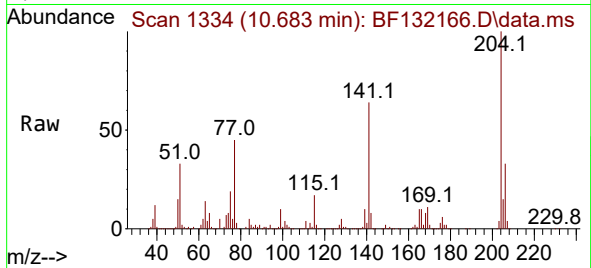
Tgt Ion:149 Resp: 1163855
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 33.811 ng
RT: 10.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

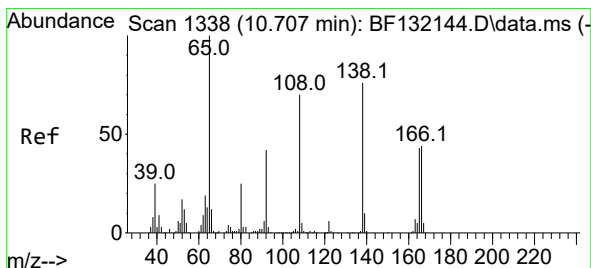
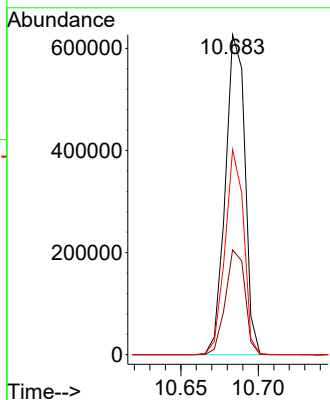
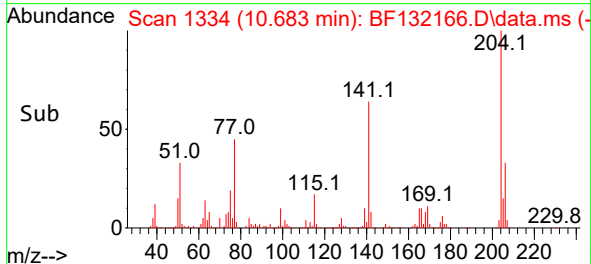
Instrument :
BNA_F
ClientSampleId :
PB150261BS



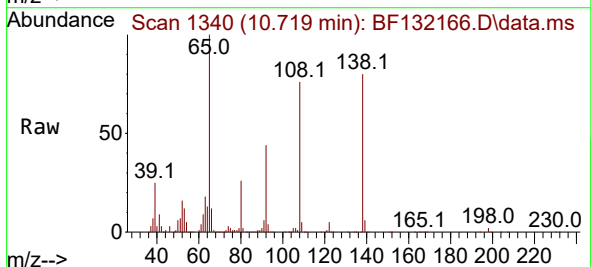
Tgt Ion:204 Resp: 55001
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 64.1 49.2 73.8

Manual Integrations
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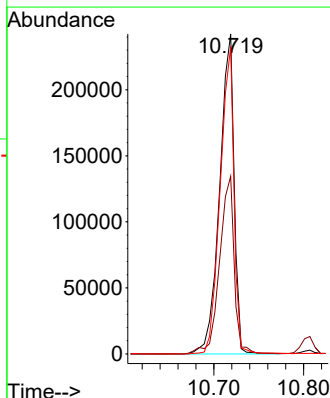
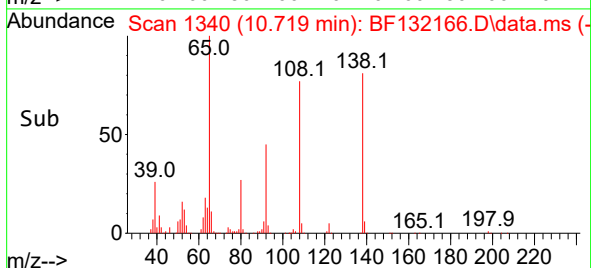
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

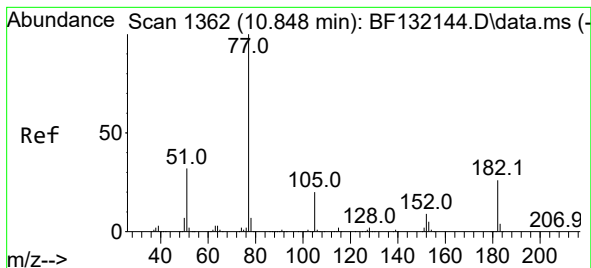


#62
4-Nitroaniline
Concen: 42.972 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:138 Resp: 271454
Ion Ratio Lower Upper
138 100
92 55.6 35.9 75.9
108 96.0 72.0 112.0





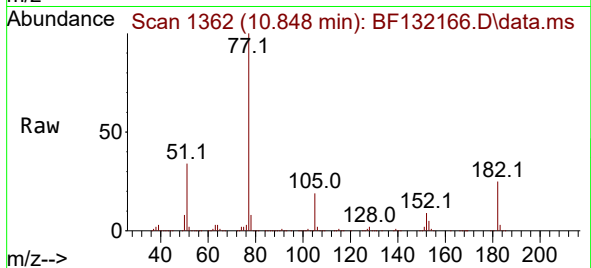
#63
Azobenzene
Concen: 35.428 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

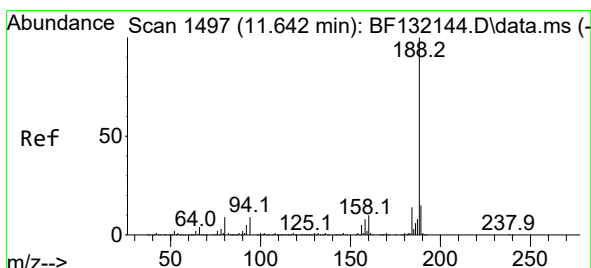
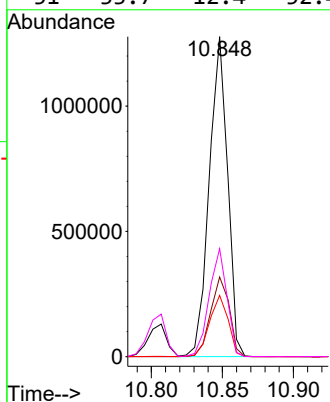
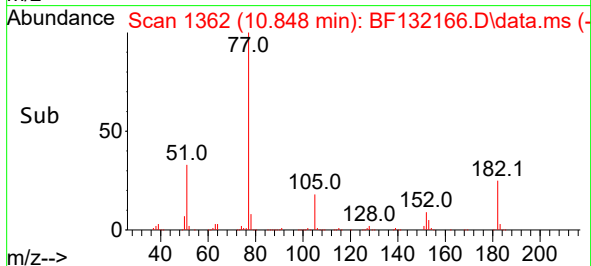


Tgt Ion: 77 Resp: 1141670
Ion Ratio Lower Upper
77 100
182 24.9 6.4 46.4
105 19.1 0.0 39.8
51 33.7 12.4 52.4

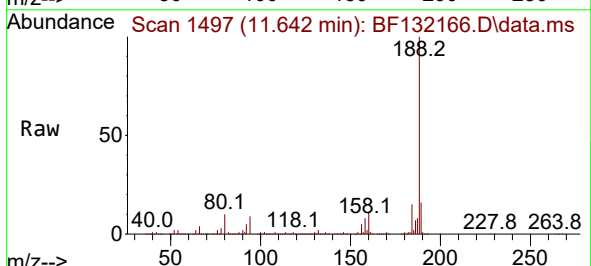
Manual Integrations

APPROVED

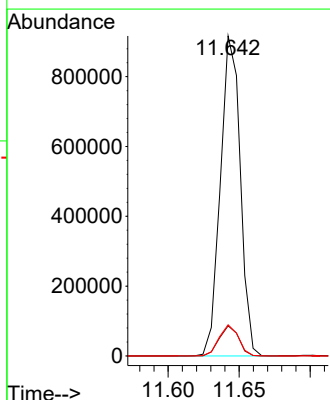
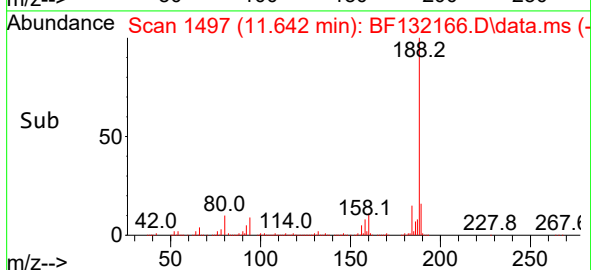
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

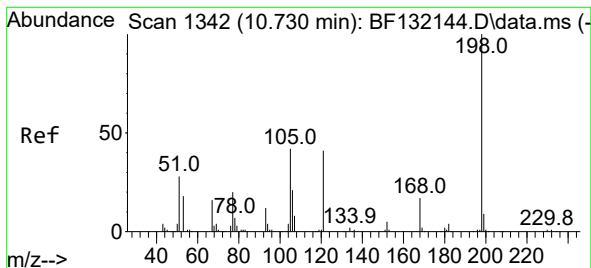


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:188 Resp: 890389
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 9.8 7.5 11.3





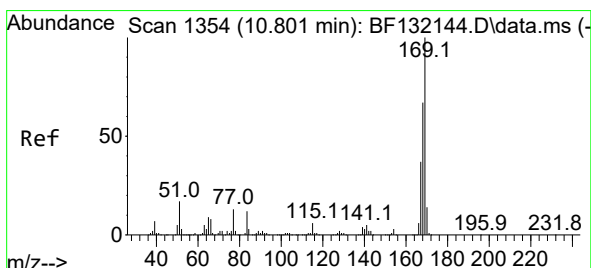
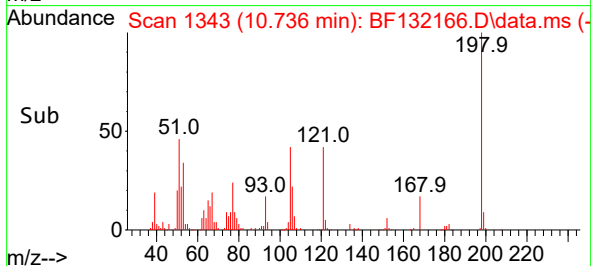
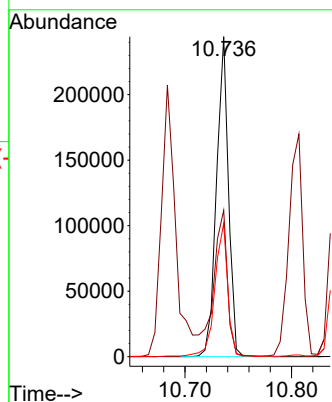
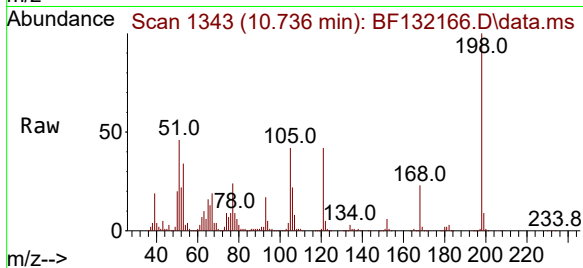
#65
4,6-Dinitro-2-methylphenol
Concen: 44.367 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :
BNA_F
ClientSampleId :
PB150261BS

Tgt Ion:198 Resp: 190895
Ion Ratio Lower Upper
198 100
51 45.8 24.3 64.3
105 41.7 23.3 63.3

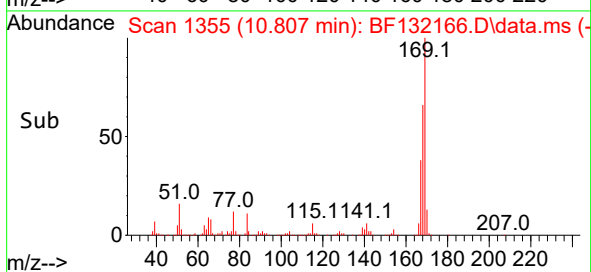
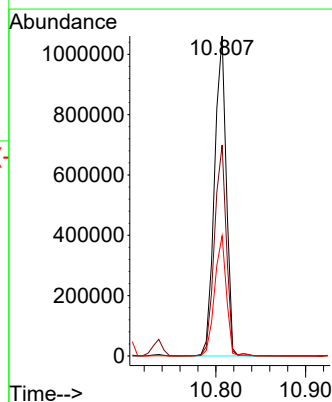
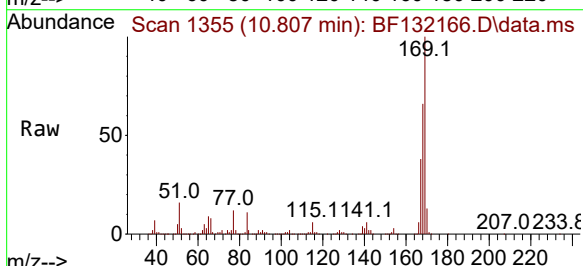
Manual Integrations
APPROVED

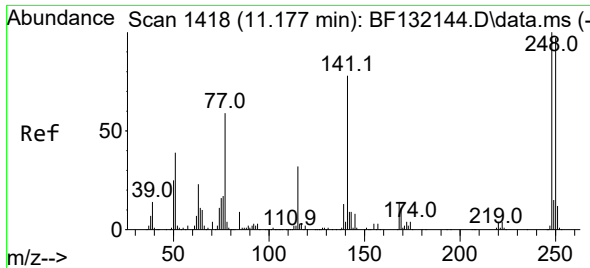
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 33.889 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

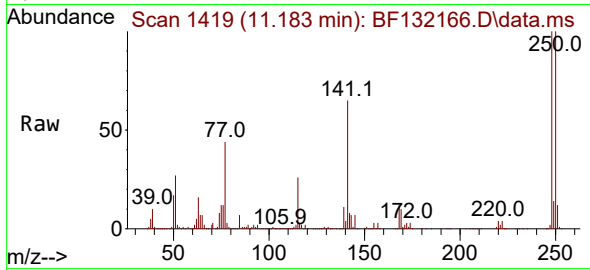
Tgt Ion:169 Resp: 966382
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 37.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 34.020 ng
RT: 11.183 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

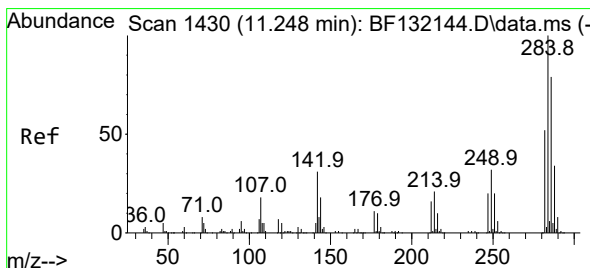
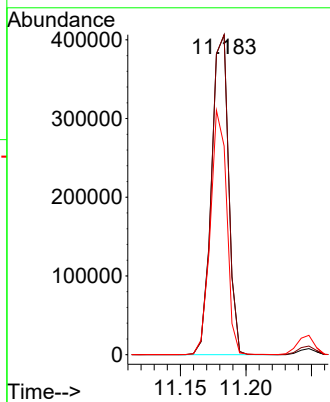
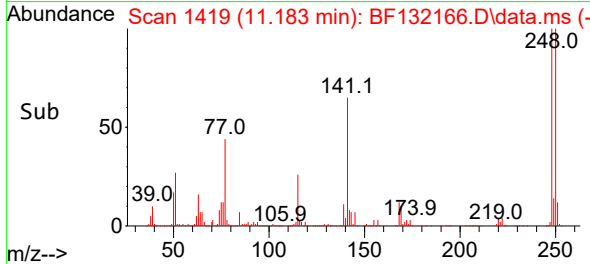
Instrument :
BNA_F
ClientSampleId :
PB150261BS



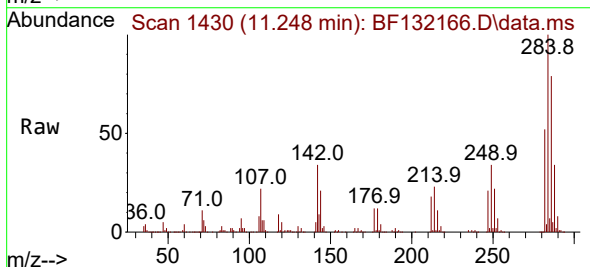
Tgt Ion:248 Resp: 36921
Ion Ratio Lower Upper
248 100
250 100.2 77.4 116.0
141 65.3 62.2 93.2

Manual Integrations
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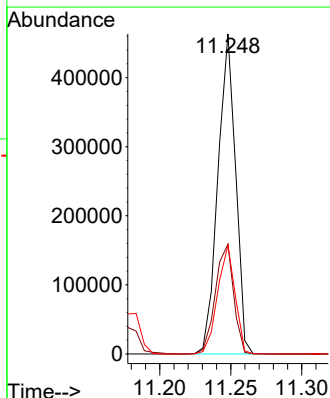
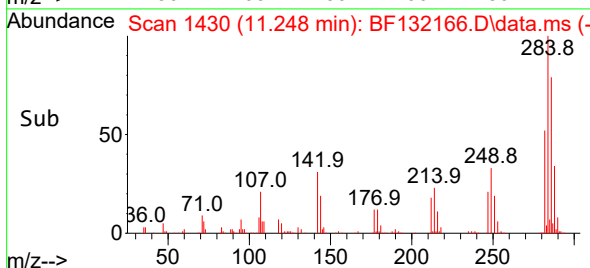
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

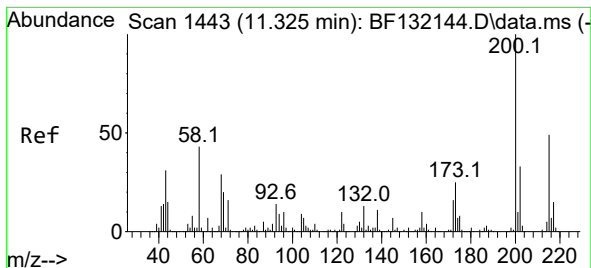


#68
Hexachlorobenzene
Concen: 37.154 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:284 Resp: 400751
Ion Ratio Lower Upper
284 100
142 34.3 24.7 37.1
249 34.0 25.6 38.4





#69

Atrazine

Concen: 39.200 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

Tgt Ion:200 Resp: 34487

Ion Ratio Lower Upper

200 100

173 24.7 5.0 45.0

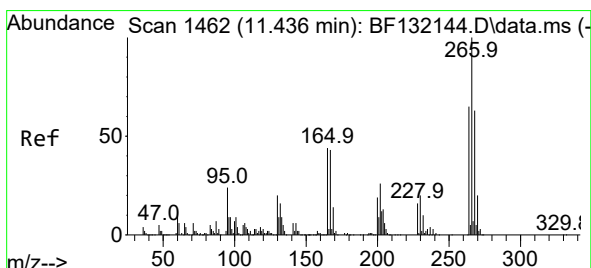
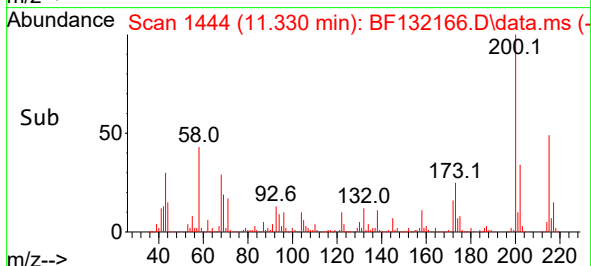
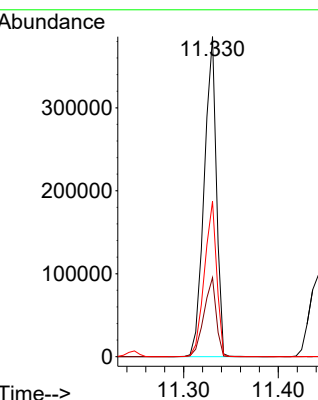
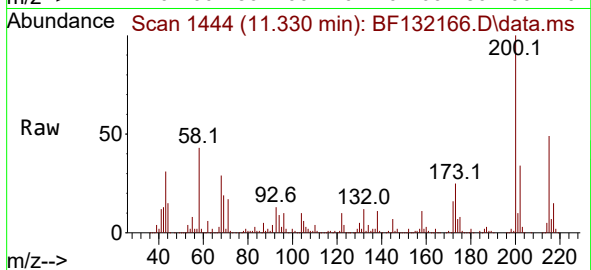
215 48.6 28.6 68.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#70

Pentachlorophenol

Concen: 70.956 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

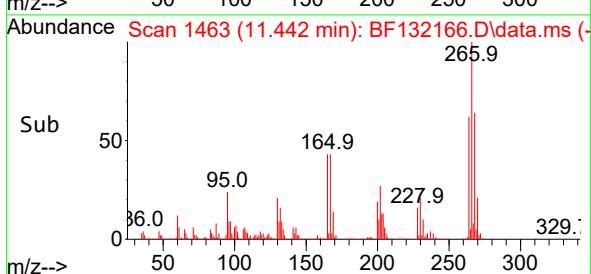
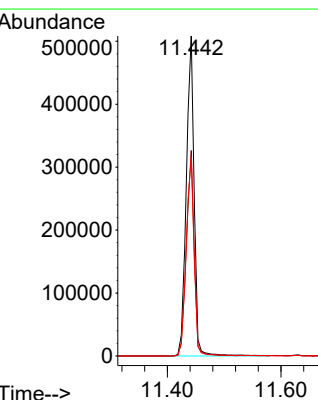
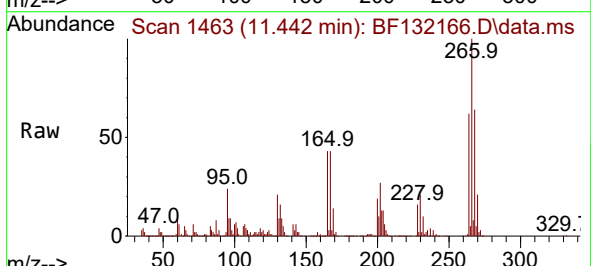
Tgt Ion:266 Resp: 491824

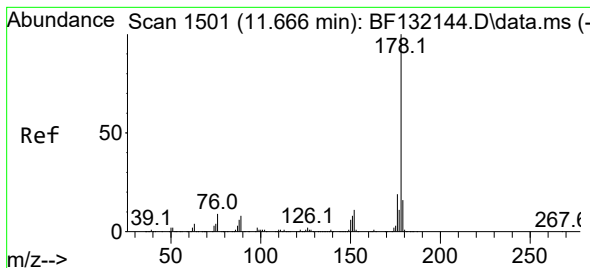
Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

264 62.2 52.3 78.5





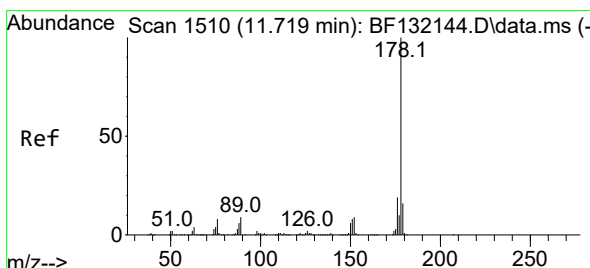
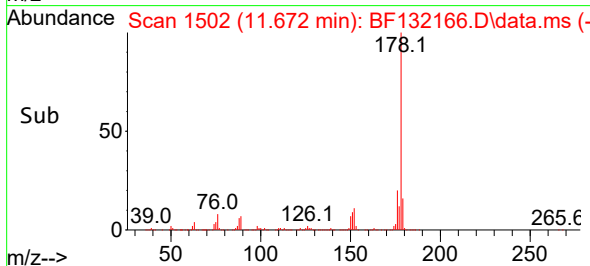
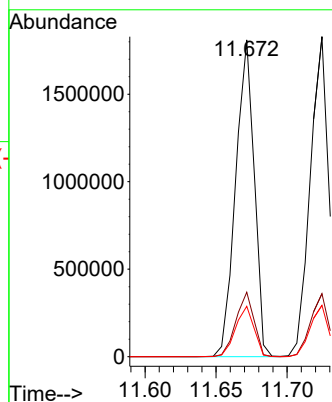
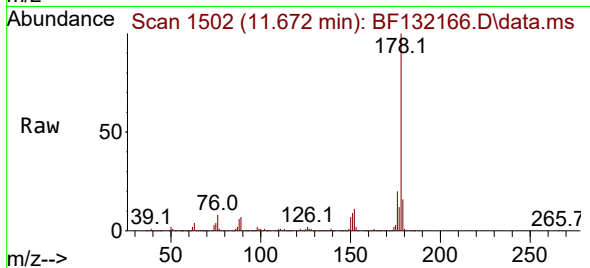
#71
Phenanthrene
Concen: 35.231 ng
RT: 11.672 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :
BNA_F
ClientSampleId :
PB150261BS

Tgt Ion:178 Resp: 1646210
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 15.9 12.6 19.0

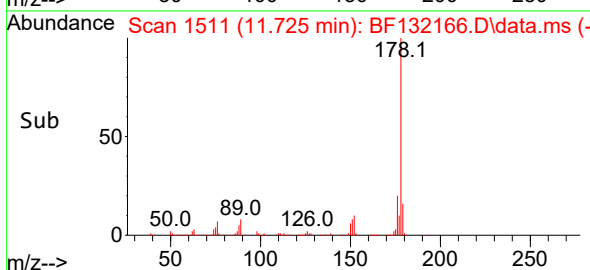
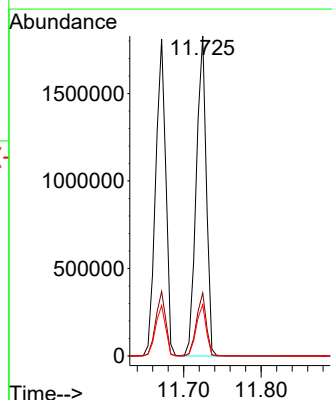
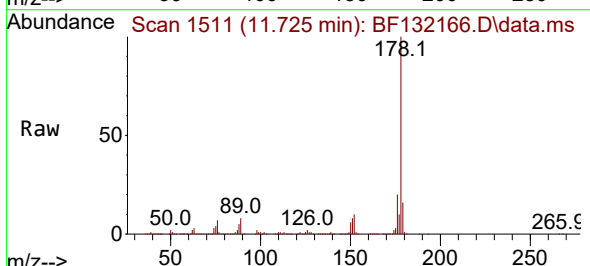
Manual Integrations
APPROVED

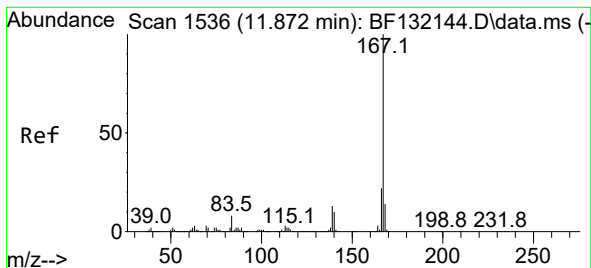
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#72
Anthracene
Concen: 34.795 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Tgt Ion:178 Resp: 1644806
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.1 12.6 18.8





#73

Carbazole

Concen: 38.584 ng

RT: 11.872 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

Tgt Ion:167 Resp: 1557950

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

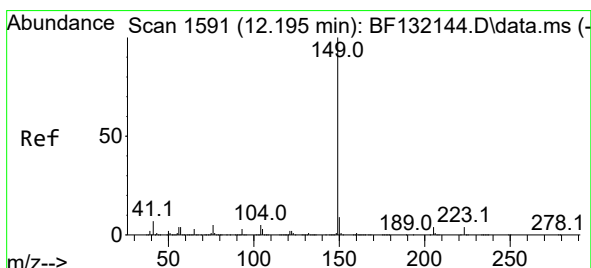
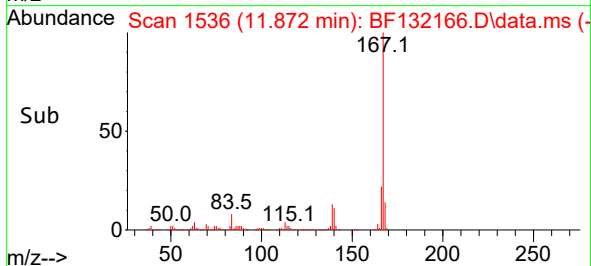
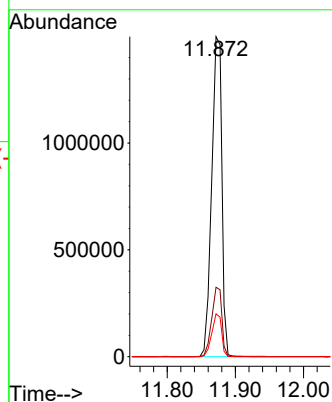
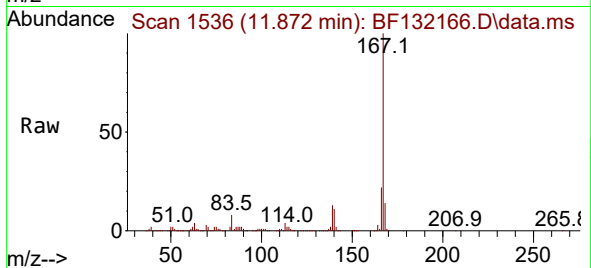
139 13.4 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#74

Di-n-butylphthalate

Concen: 39.205 ng

RT: 12.195 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

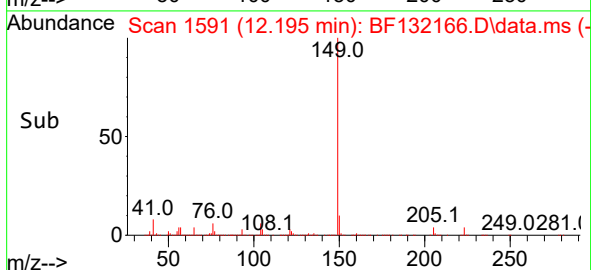
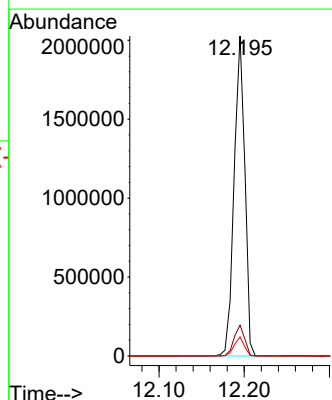
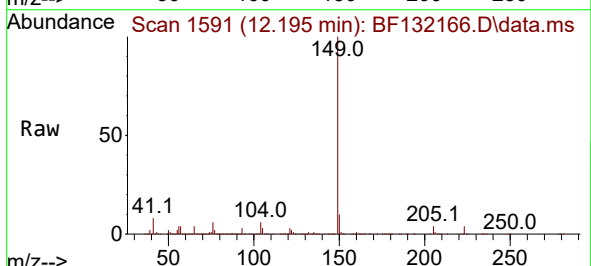
Tgt Ion:149 Resp: 1762249

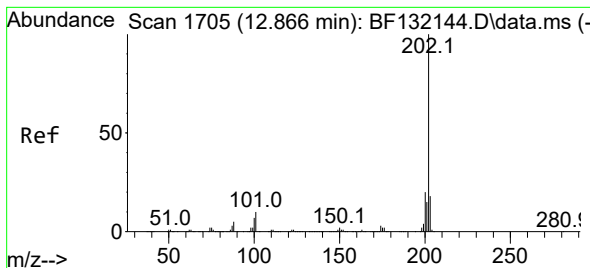
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 6.0 4.3 6.5





#75

Fluoranthene

Concen: 38.792 ng

RT: 12.871 min Scan# 1706

Delta R.T. 0.005 min

Lab File: BF132166.D

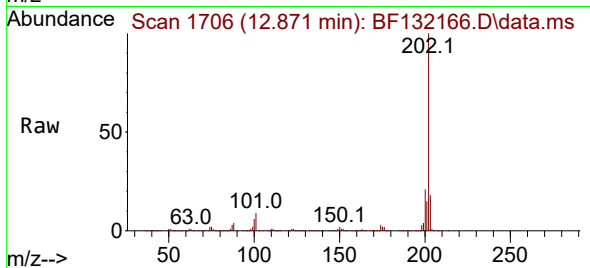
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS



Tgt Ion:202 Resp: 186189

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.6

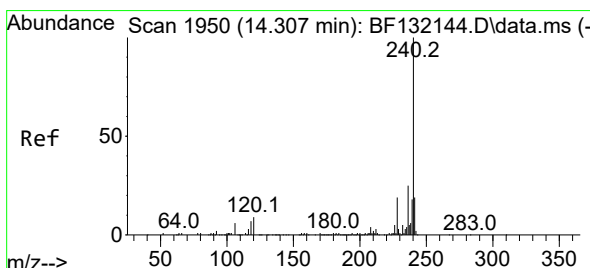
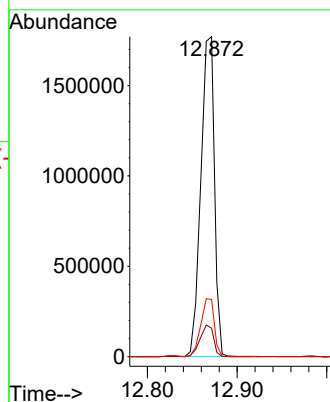
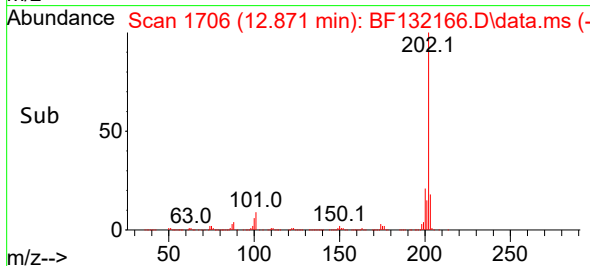
203 17.9 0.0 37.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

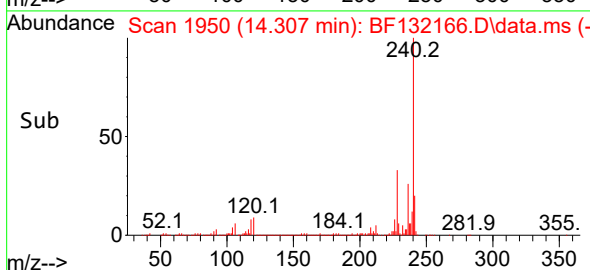
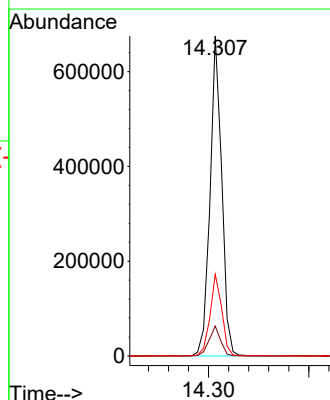
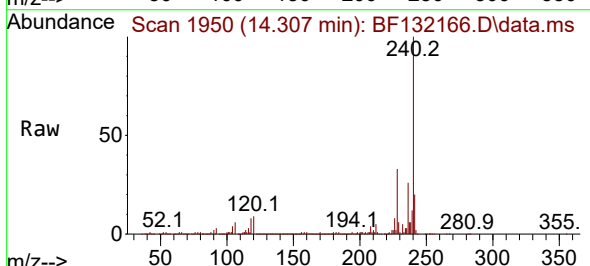
Tgt Ion:240 Resp: 547274

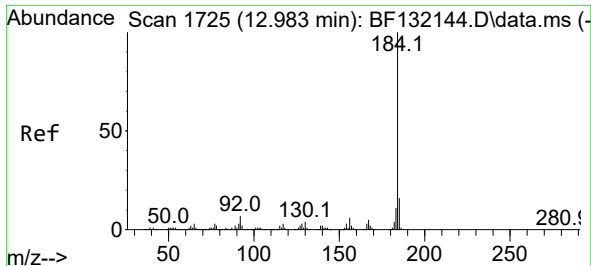
Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

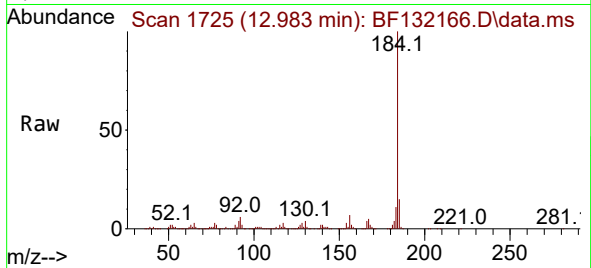
236 25.5 20.3 30.5





#77
Benzidine
Concen: 32.510 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

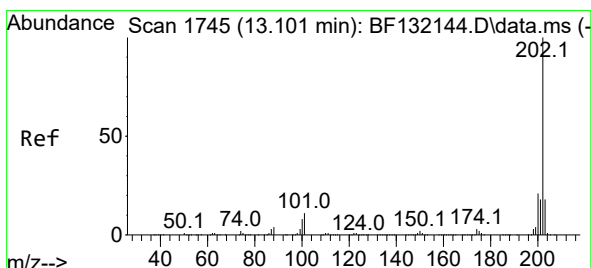
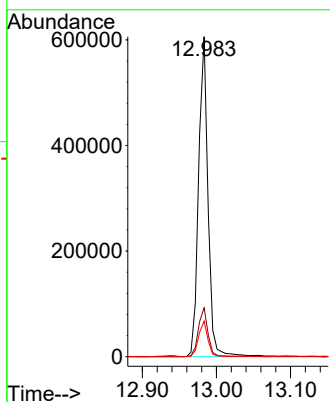
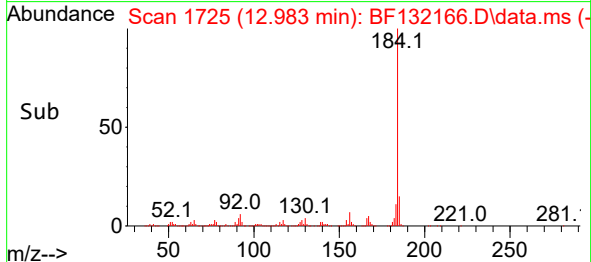
Instrument :
BNA_F
ClientSampleId :
PB150261BS



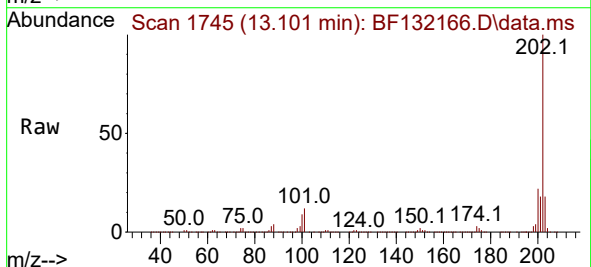
Tgt Ion:184 Resp: 534198
Ion Ratio Lower Upper
184 100
185 15.3 12.5 18.7
183 11.1 9.0 13.4

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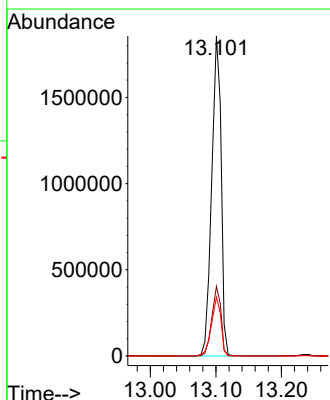
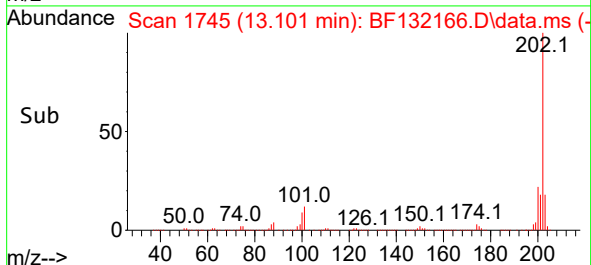
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

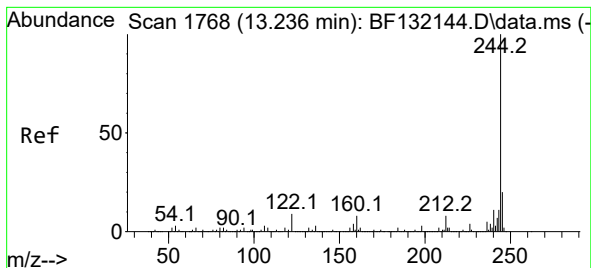


#78
Pyrene
Concen: 36.935 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:202 Resp: 1862871
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 18.4 14.0 21.0





#79

Terphenyl-d14

Concen: 74.261 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132166.D

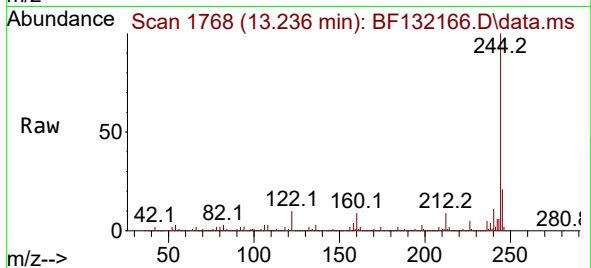
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS



Tgt Ion:244 Resp: 242619

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

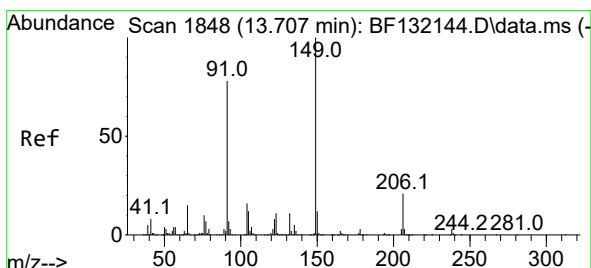
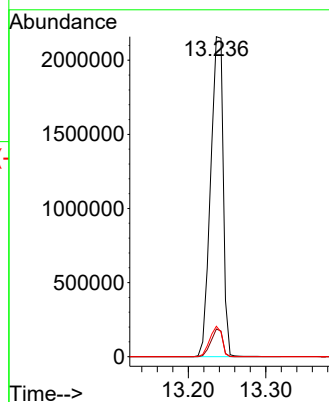
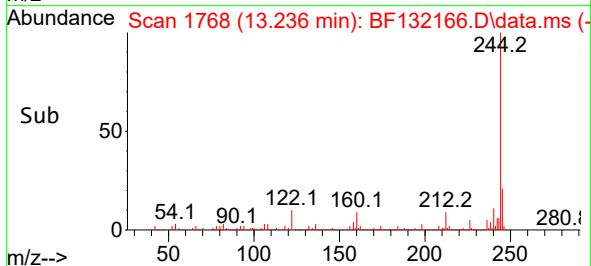
122 9.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

Concen: 40.868 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

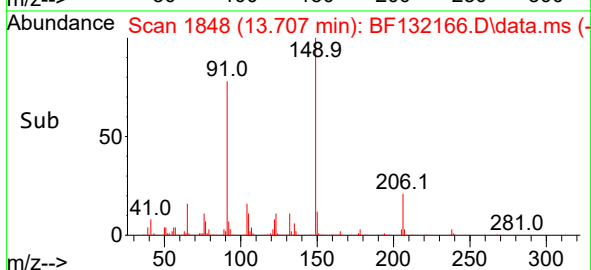
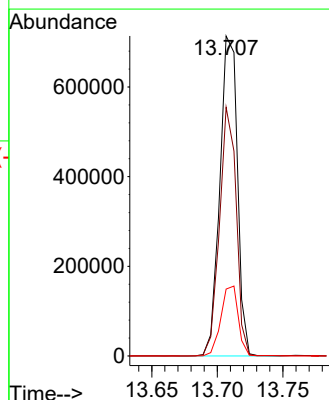
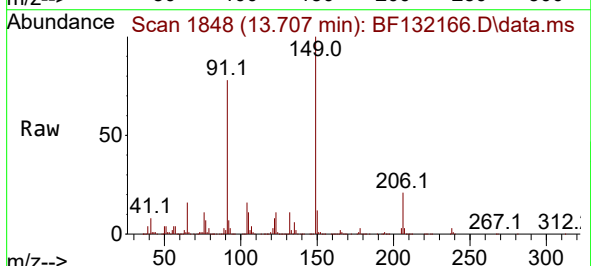
Tgt Ion:149 Resp: 663915

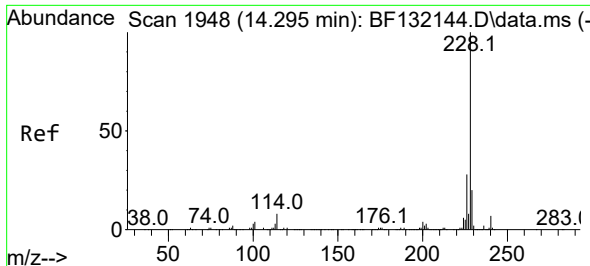
Ion Ratio Lower Upper

149 100

91 77.7 62.6 94.0

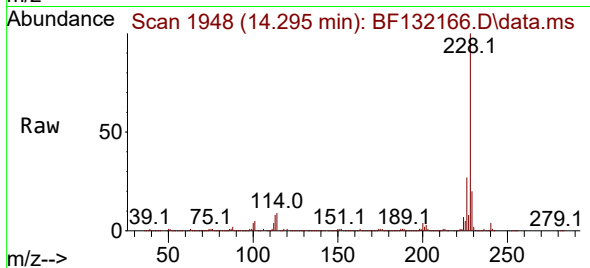
206 20.9 16.4 24.6





#81
Benzo(a)anthracene
Concen: 36.330 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

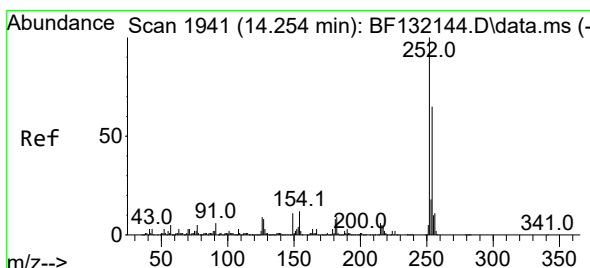
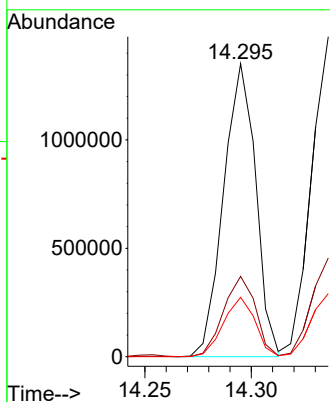
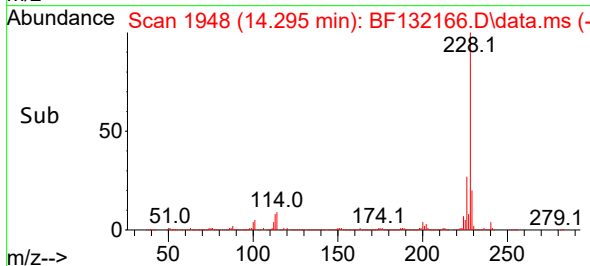
Instrument :
BNA_F
ClientSampleId :
PB150261BS



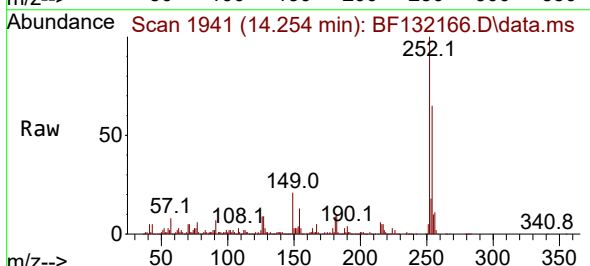
Tgt Ion:228 Resp: 142040
Ion Ratio Lower Upper
228 100
226 27.4 22.5 33.7
229 20.3 16.1 24.1

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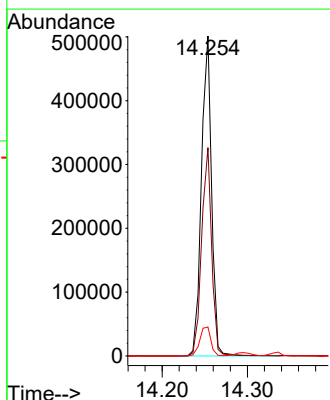
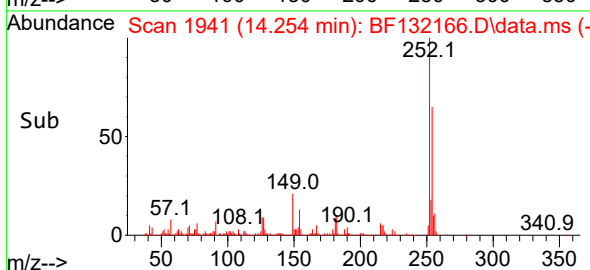
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

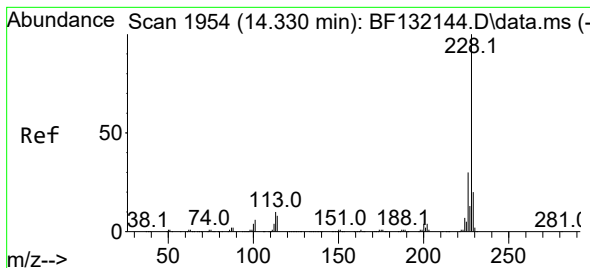


#82
3,3'-Dichlorobenzidine
Concen: 38.133 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:252 Resp: 415208
Ion Ratio Lower Upper
252 100
254 65.1 52.4 78.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 34.988 ng

RT: 14.336 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BF132166.D

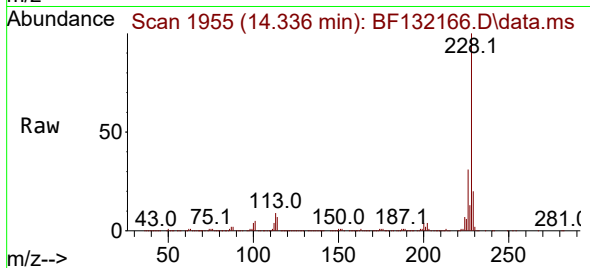
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS



Tgt Ion:228 Resp: 130208

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

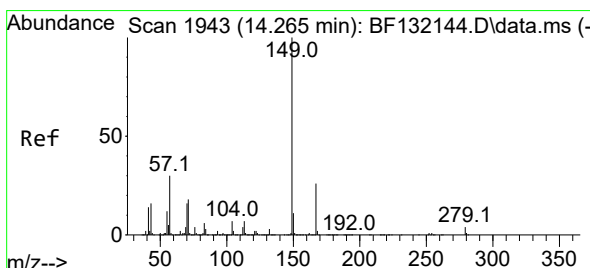
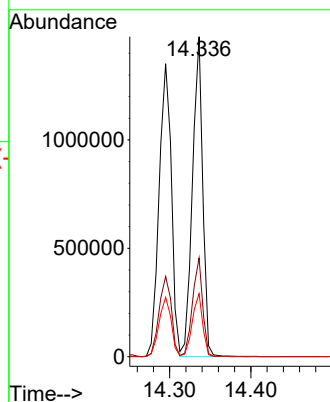
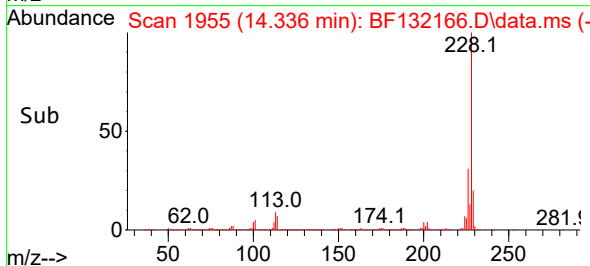
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.682 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132166.D

Acq: 20 Jan 2023 17:50

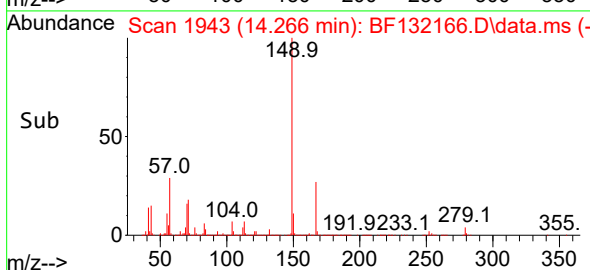
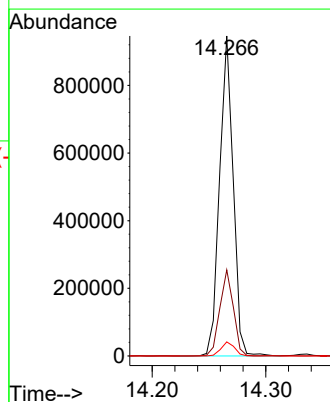
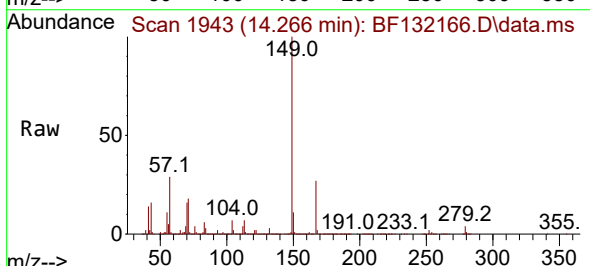
Tgt Ion:149 Resp: 787786

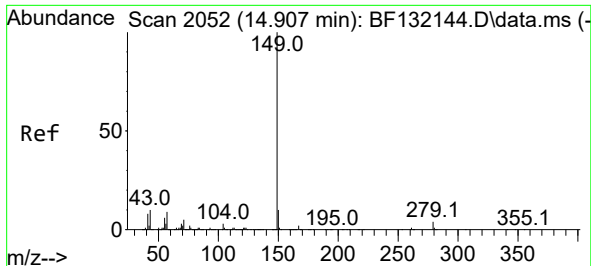
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.4 3.2 4.8





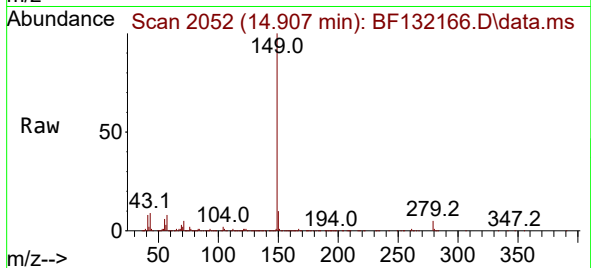
#85
Di-n-octyl phthalate
Concen: 36.266 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

Instrument :

BNA_F

ClientSampleId :

PB150261BS

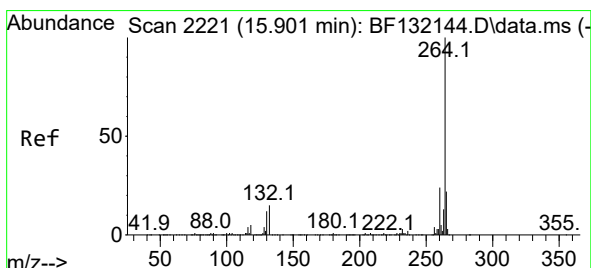
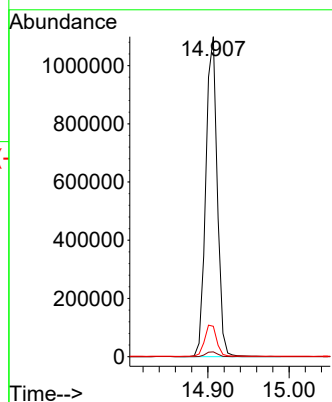
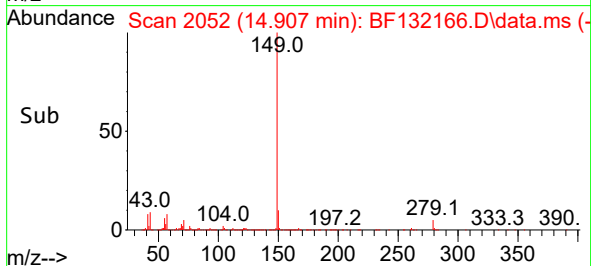


Tgt Ion:149 Resp: 1074128
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.4 12.6

Manual Integrations

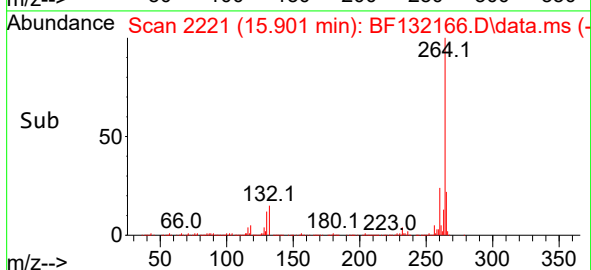
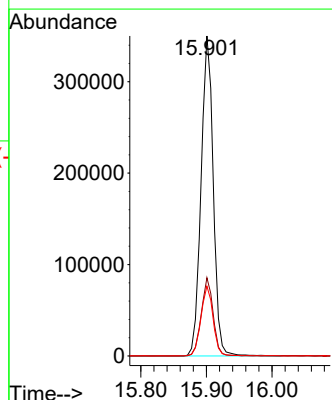
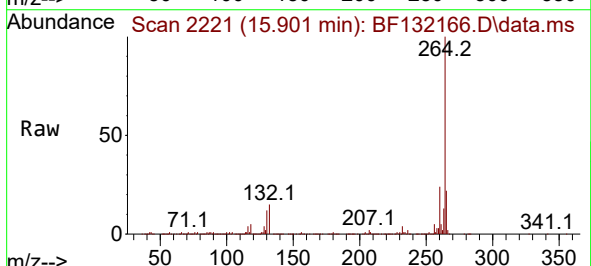
APPROVED

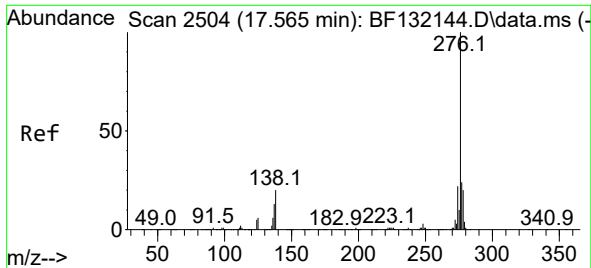
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

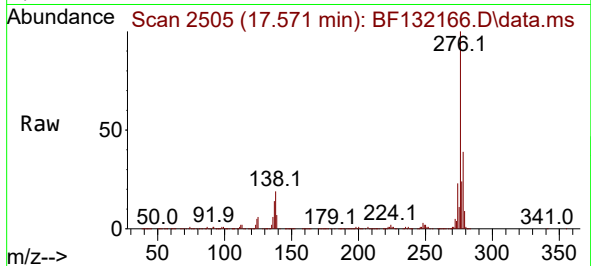
Tgt Ion:264 Resp: 454259
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.690 ng
RT: 17.571 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

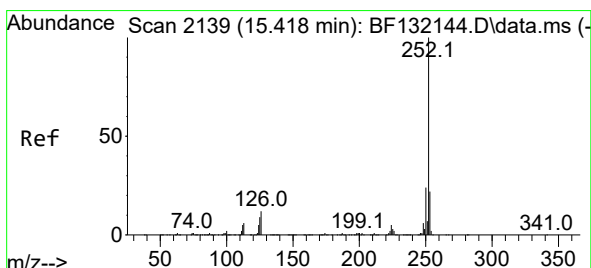
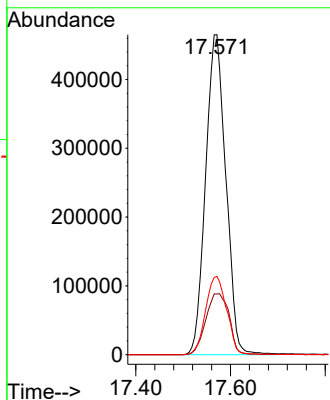
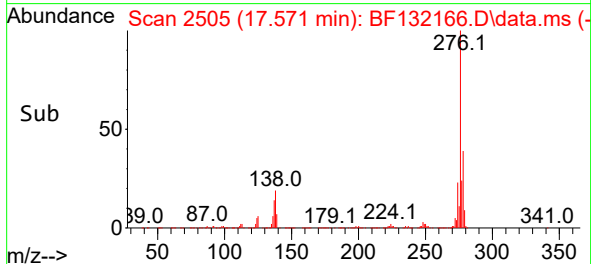
Instrument :
BNA_F
ClientSampleId :
PB150261BS



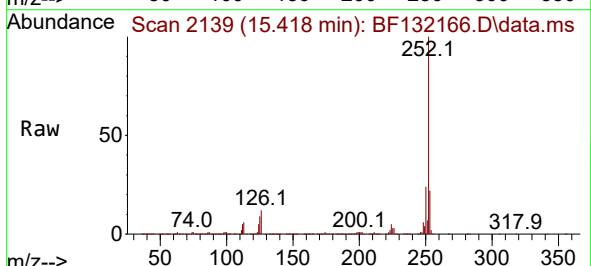
Tgt Ion: 276 Resp: 138251
Ion Ratio Lower Upper
276 100
138 22.0 17.9 26.9
277 25.4 20.2 30.2

Manual Integrations
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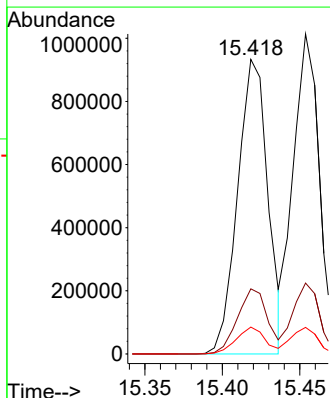
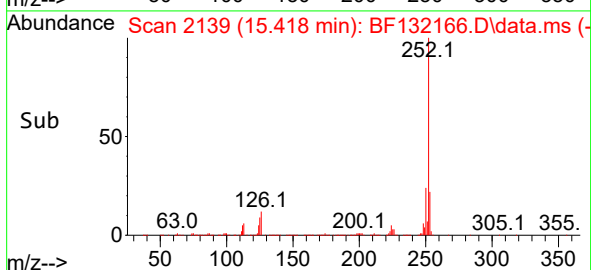
Reviewed By : Christian Giraldo 01/23/2023
Supervised By : Jagrut Upadhyay 01/23/2023

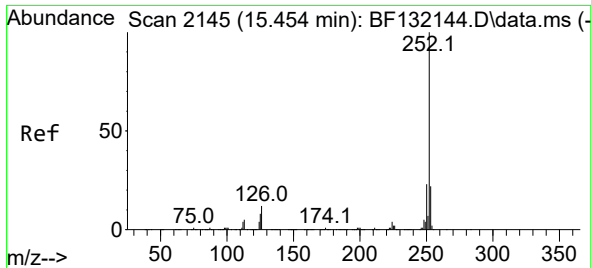


#88
Benzo(b)fluoranthene
Concen: 45.812 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



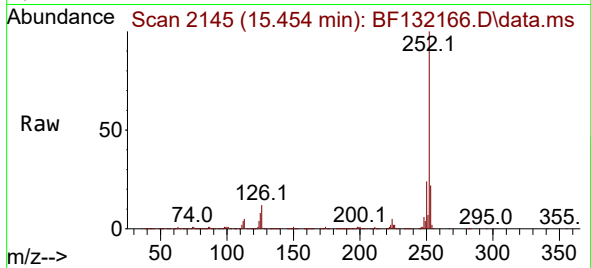
Tgt Ion: 252 Resp: 1267072
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.1 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 42.174 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

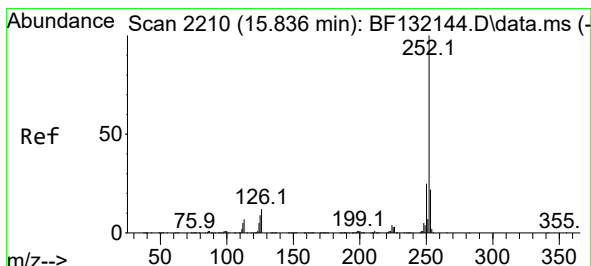
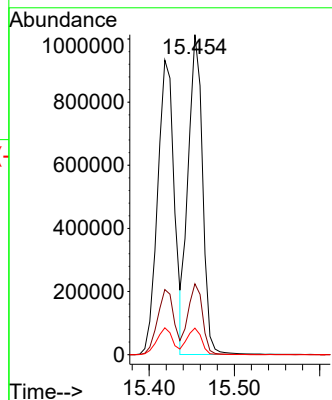
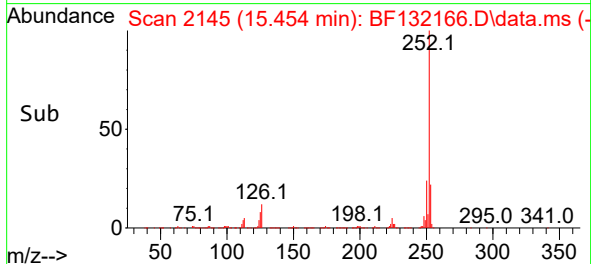
Instrument :
BNA_F
ClientSampleId :
PB150261BS



Tgt Ion:252 Resp: 1189640
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.3 6.4 9.6

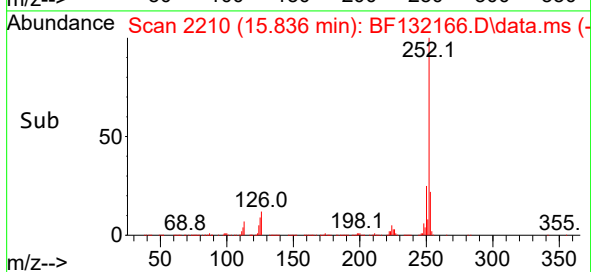
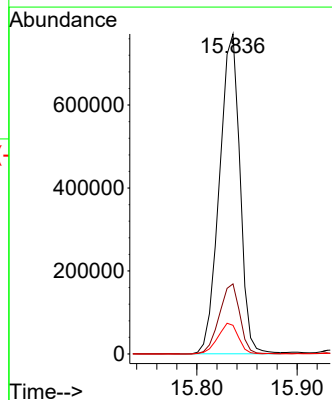
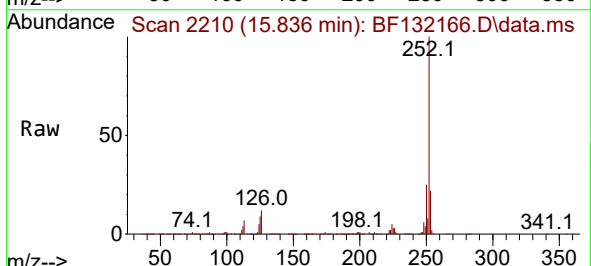
Manual Integrations
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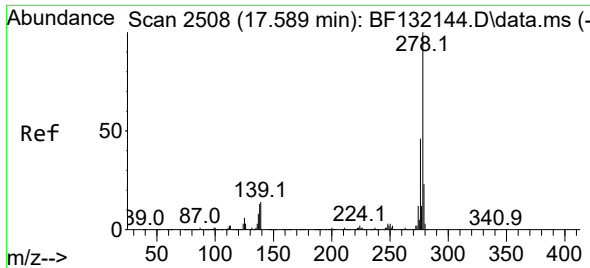
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 41.198 ng
RT: 15.836 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

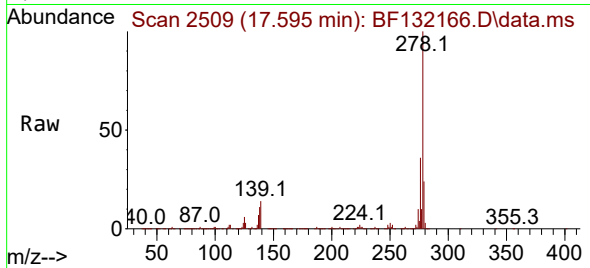
Tgt Ion:252 Resp: 1096130
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 43.824 ng
RT: 17.595 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50

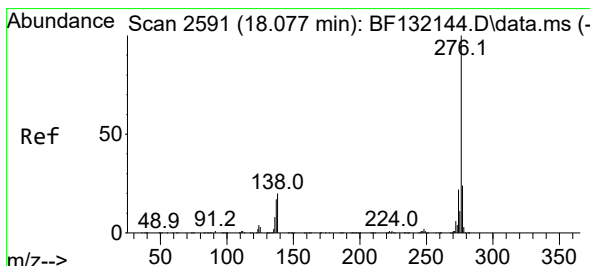
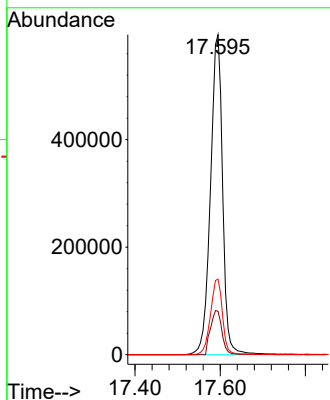
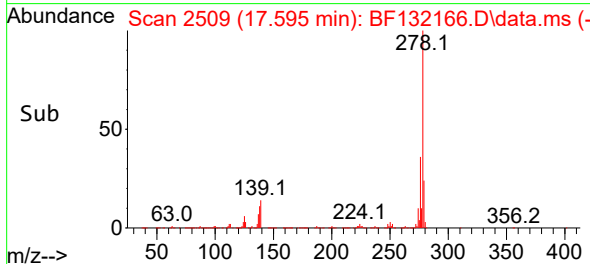
Instrument :
BNA_F
ClientSampleId :
PB150261BS



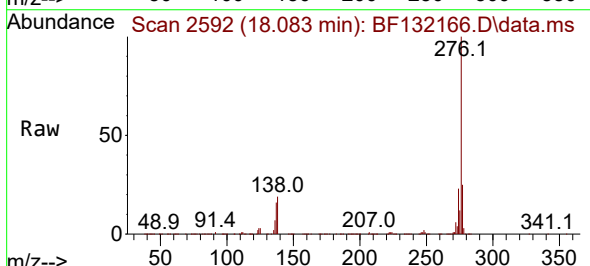
Tgt Ion:278 Resp: 117815
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 23.6 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#92
Benzo(g,h,i)perylene
Concen: 40.685 ng
RT: 18.083 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF132166.D
Acq: 20 Jan 2023 17:50



Tgt Ion:276 Resp: 1250518
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 18.9 15.7 23.5

