

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132364.D
 Acq On : 08 Feb 2023 19:06
 Operator : CG\JU
 Sample : 01418-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MSD

Quant Time: Feb 09 02:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	160677	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	623567	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	300861	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	475426	20.000	ng	0.00
76) Chrysene-d12	14.254	240	281991	20.000	ng	0.00
86) Perylene-d12	15.824	264	239288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1290678	129.118	ng	0.03
7) Phenol-d6	6.672	99	1480575	120.140	ng	0.00
23) Nitrobenzene-d5	7.613	82	1005149	89.700	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	480335	155.250	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1812421	93.027	ng	0.00
79) Terphenyl-d14	13.189	244	1586233	108.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.160	88	198000	42.096	ng	95
3) Pyridine	3.843	79	397280	31.134	ng	96
4) n-Nitrosodimethylamine	3.790	42	169193	41.438	ng	96
6) Aniline	6.713	93	280303	16.761	ng	94
8) 2-Chlorophenol	6.831	128	544471	52.590	ng	97
9) Benzaldehyde	6.601	77	149038	18.171	ng	95
10) Phenol	6.684	94	521984	40.922	ng	99
11) bis(2-Chloroethyl)ether	6.778	93	513677	48.932	ng	95
12) 1,3-Dichlorobenzene	6.990	146	530831	48.478	ng	98
13) 1,4-Dichlorobenzene	7.066	146	542099	49.597	ng	99
14) 1,2-Dichlorobenzene	7.219	146	523699	51.376	ng	98
15) Benzyl Alcohol	7.184	79	419280	46.627	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.319	45	460497	41.635	ng	93
17) 2-Methylphenol	7.290	107	412558	45.523	ng	99
18) Hexachloroethane	7.560	117	197103	48.070	ng	97
19) n-Nitroso-di-n-propyla...	7.460	70	296869	42.409	ng	96
20) 3+4-Methylphenols	7.443	107	501545	43.360	ng	93
22) Acetophenone	7.454	105	681574	46.478	ng	98
24) Nitrobenzene	7.631	77	495195	43.256	ng	97
25) Isophorone	7.872	82	935324	43.977	ng	95
26) 2-Nitrophenol	7.948	139	289798	51.971	ng	# 91
27) 2,4-Dimethylphenol	7.978	122	479768	49.155	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	601815	46.045	ng	99
29) 2,4-Dichlorophenol	8.190	162	432541	49.916	ng	97
30) 1,2,4-Trichlorobenzene	8.272	180	474075	51.089	ng	98
31) Naphthalene	8.360	128	1421539	46.313	ng	99
32) Benzoic acid	8.090	122	326595	45.206	ng	91
33) 4-Chloroaniline	8.401	127	81046	5.955	ng	97
34) Hexachlorobutadiene	8.472	225	277522	53.199	ng	98
35) Caprolactam	8.778	113	97019	32.841	ng	85
36) 4-Chloro-3-methylphenol	8.878	107	448680	48.062	ng	98
37) 2-Methylnaphthalene	9.048	142	951307	45.756	ng	99
38) 1-Methylnaphthalene	9.148	142	883495	45.727	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	451042	53.273	ng	99
41) Hexachlorocyclopentadiene	9.201	237	340690	68.970	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	315280	52.094	ng	99

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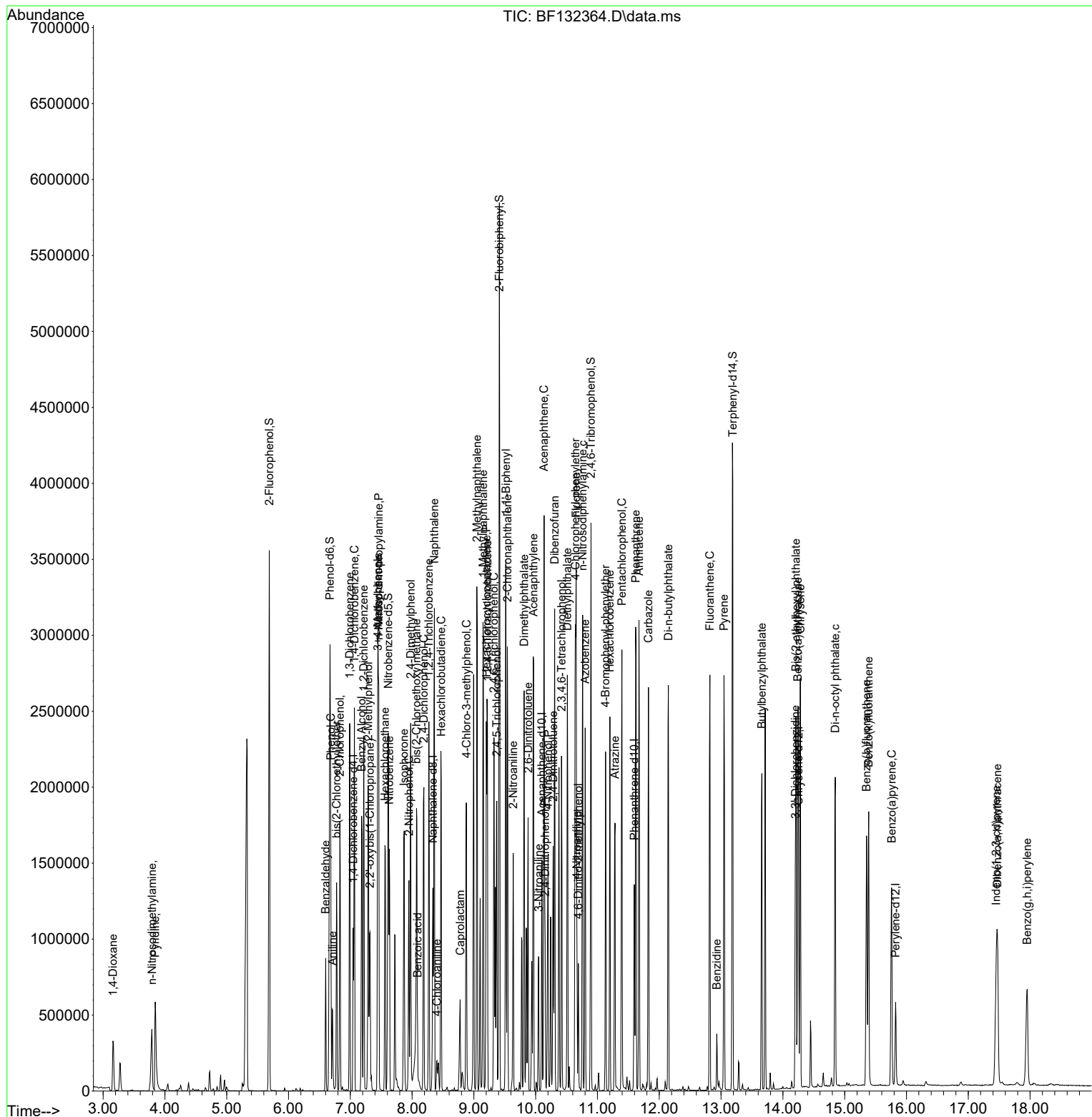
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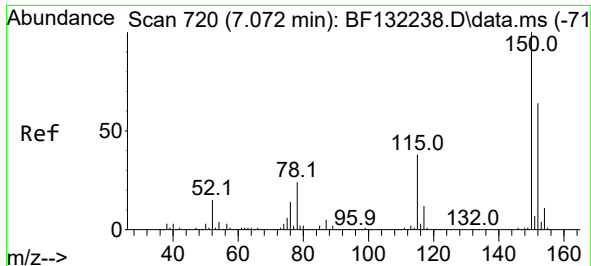
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	338279	48.562	ng	97
46) 1,1'-Biphenyl	9.519	154	1137939	49.060	ng	97
47) 2-Chloronaphthalene	9.542	162	888138	50.273	ng	99
48) 2-Nitroaniline	9.636	65	218400	41.568	ng	# 79
49) Acenaphthylene	9.966	152	1355474	47.012	ng	99
50) Dimethylphthalate	9.813	163	1080961	51.363	ng	99
51) 2,6-Dinitrotoluene	9.878	165	238272	50.694	ng	# 84
52) Acenaphthene	10.136	154	896981	49.692	ng	100
53) 3-Nitroaniline	10.048	138	157992	27.718	ng	91
54) 2,4-Dinitrophenol	10.154	184	171506	63.870	ng	# 86
55) Dibenzofuran	10.307	168	1179954	46.524	ng	99
56) 4-Nitrophenol	10.201	139	334361	77.953	ng	94
57) 2,4-Dinitrotoluene	10.284	165	305429	50.024	ng	89
58) Fluorene	10.654	166	900882	46.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	255666	50.345	ng	97
60) Diethylphthalate	10.513	149	1055581	50.419	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	449705	48.547	ng	98
62) 4-Nitroaniline	10.666	138	215970	39.512	ng	95
63) Azobenzene	10.801	77	820620	40.240	ng	94
65) 4,6-Dinitro-2-methylph...	10.689	198	113315	41.995	ng	100
66) n-Nitrosodiphenylamine	10.760	169	801857	53.862	ng	99
67) 4-Bromophenyl-phenylether	11.131	248	277254	56.951	ng	95
68) Hexachlorobenzene	11.201	284	301453	57.933	ng	95
69) Atrazine	11.283	200	243126	56.778	ng	99
70) Pentachlorophenol	11.395	266	312684	87.458	ng	99
71) Phenanthrene	11.619	178	1198486	48.241	ng	99
72) Anthracene	11.672	178	1219031	48.215	ng	100
73) Carbazole	11.825	167	1035932	45.696	ng	100
74) Di-n-butylphthalate	12.148	149	1432056	53.432	ng	99
75) Fluoranthene	12.819	202	1066915	42.083	ng	98
77) Benzidine	12.930	184	153171	15.537	ng	99
78) Pyrene	13.048	202	1076074	47.444	ng	99
80) Butylbenzylphthalate	13.660	149	516127	51.506	ng	93
81) Benzo(a)anthracene	14.242	228	985638	49.974	ng	100
82) 3,3'-Dichlorobenzidine	14.201	252	245623	39.101	ng	99
83) Chrysene	14.283	228	913752	49.477	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	722027	53.307	ng	100
85) Di-n-octyl phthalate	14.848	149	1191931	53.953	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.454	276	713497	44.875	ng	97
88) Benzo(b)fluoranthene	15.354	252	870508	57.232	ng	98
89) Benzo(k)fluoranthene	15.389	252	807217	55.599	ng	98
90) Benzo(a)pyrene	15.760	252	678713	47.919	ng	98
91) Dibenzo(a,h)anthracene	17.471	278	598132	46.790	ng	99
92) Benzo(g,h,i)perylene	17.954	276	564570	42.750	ng	95

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

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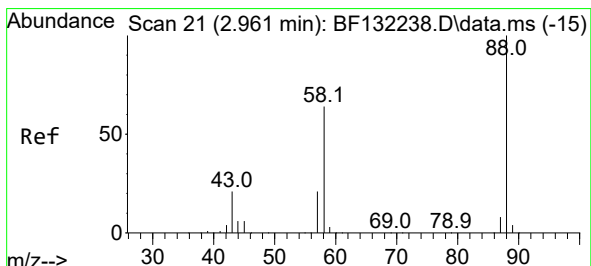
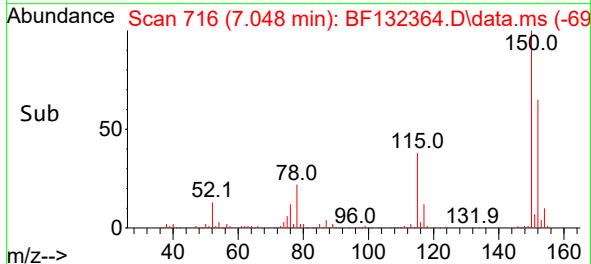
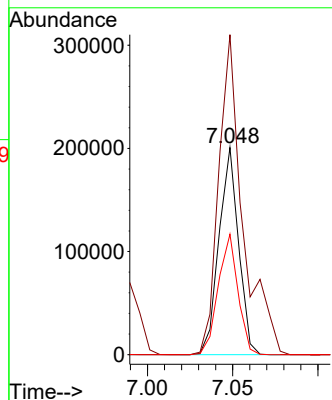
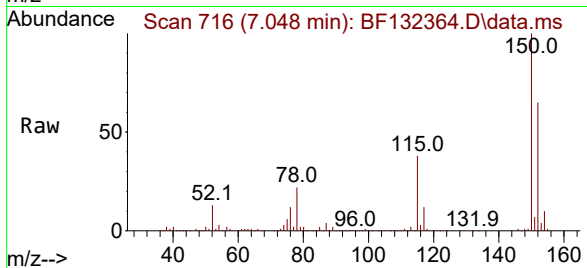




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

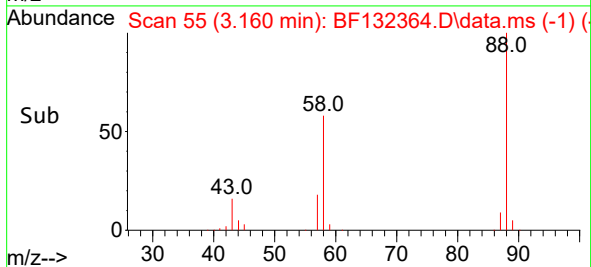
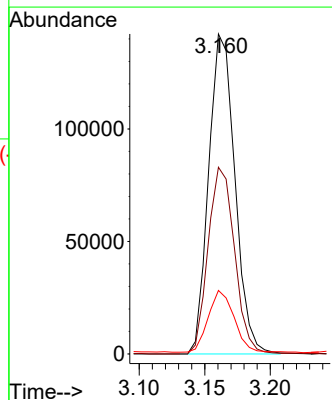
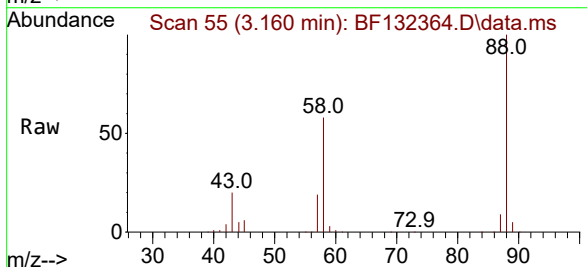
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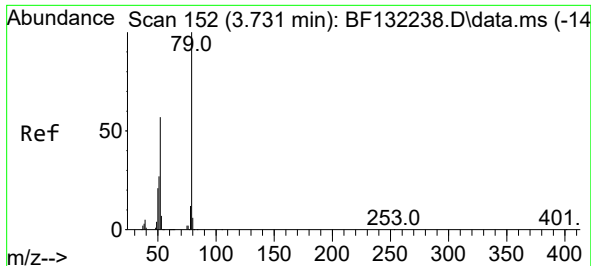
Tgt Ion:152 Resp: 160677
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.2 186.2
 115 58.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 42.096 ng
 RT: 3.160 min Scan# 55
 Delta R.T. 0.229 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

Tgt Ion: 88 Resp: 198000
 Ion Ratio Lower Upper
 88 100
 58 58.8 50.2 75.2
 43 18.9 16.9 25.3

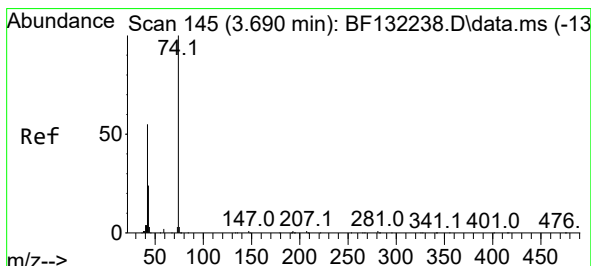
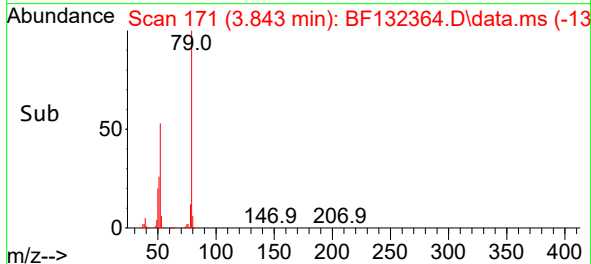
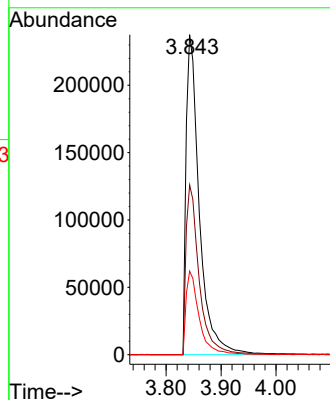
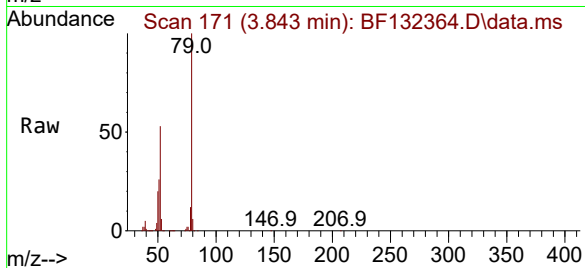




#3
Pyridine
Concen: 31.134 ng
RT: 3.843 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

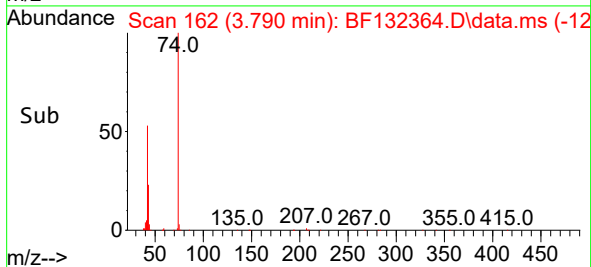
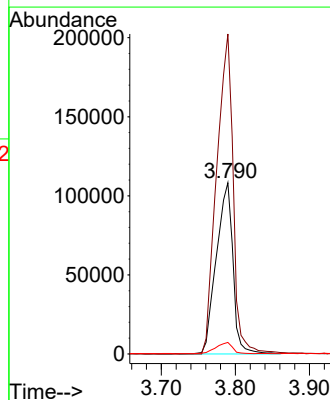
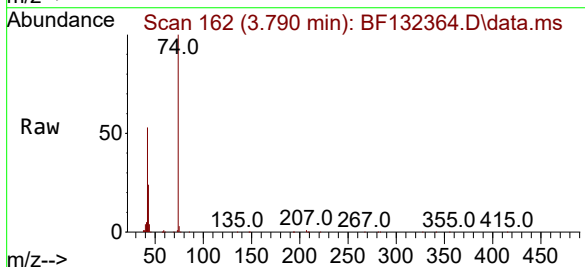
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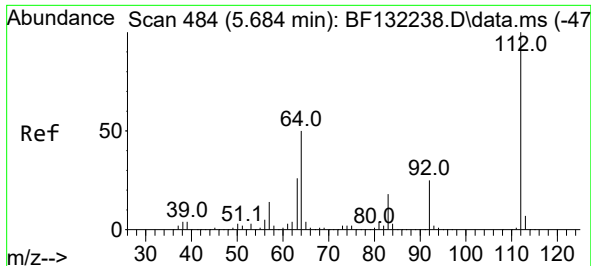
Tgt Ion: 79 Resp: 397280
Ion Ratio Lower Upper
79 100
52 53.1 45.6 68.4
51 26.1 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 41.438 ng
RT: 3.790 min Scan# 162
Delta R.T. 0.124 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion: 42 Resp: 169193
Ion Ratio Lower Upper
42 100
74 186.9 144.6 217.0
44 6.7 5.1 7.7

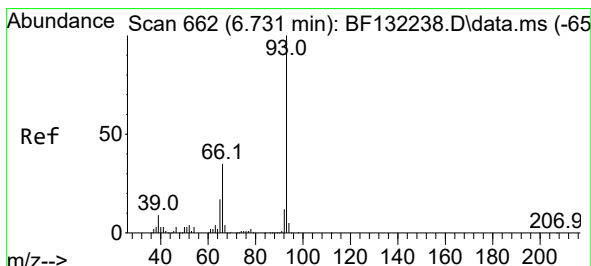
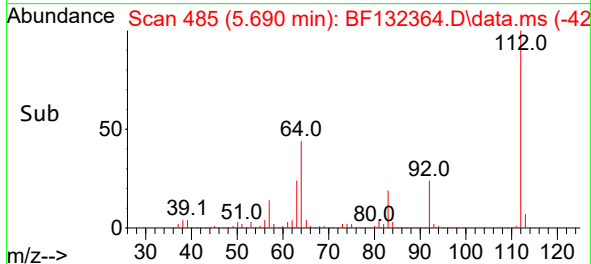
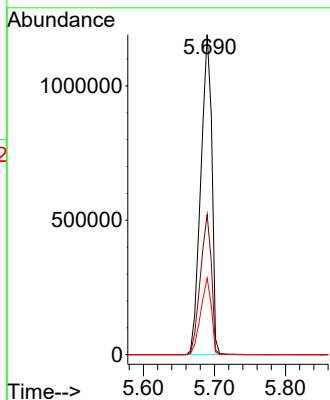
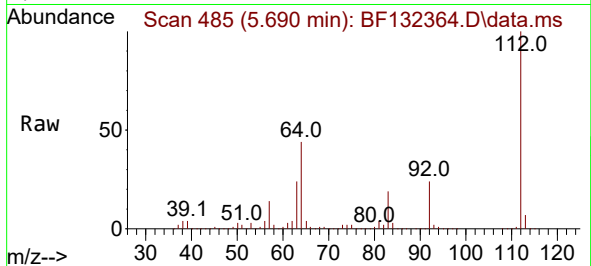




#5
2-Fluorophenol
Concen: 129.118 ng
RT: 5.690 min Scan# 484
Delta R.T. 0.030 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

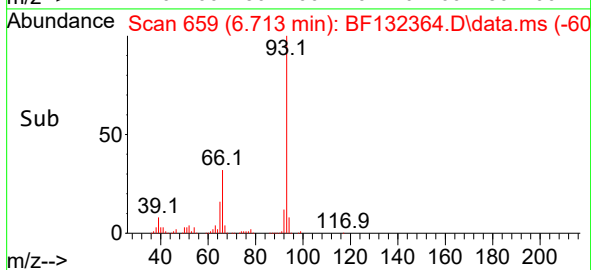
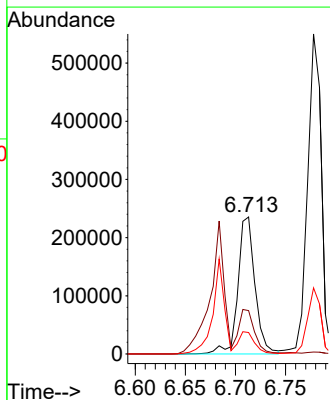
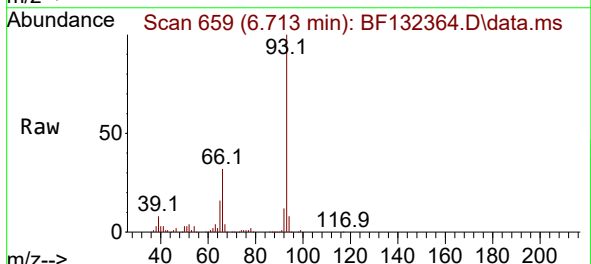
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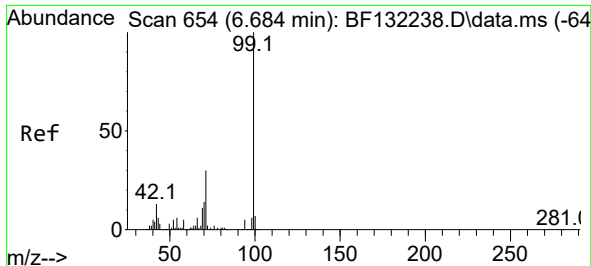
Tgt Ion:112 Resp: 1290678
Ion Ratio Lower Upper
112 100
64 43.8 40.0 60.0
63 23.9 20.5 30.7



#6
Aniline
Concen: 16.761 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion: 93 Resp: 280303
Ion Ratio Lower Upper
93 100
66 31.7 28.8 43.2
65 15.6 14.2 21.4

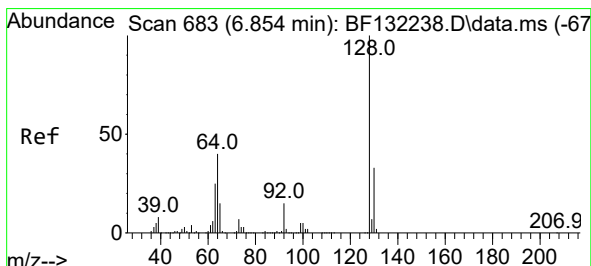
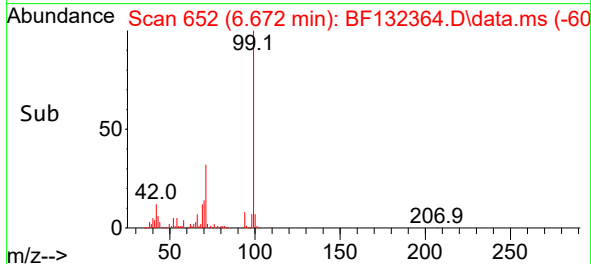
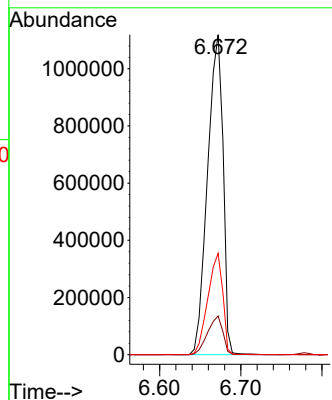
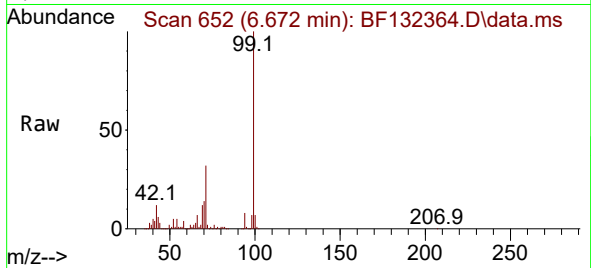




#7
Phenol-d6
Concen: 120.140 ng
RT: 6.672 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

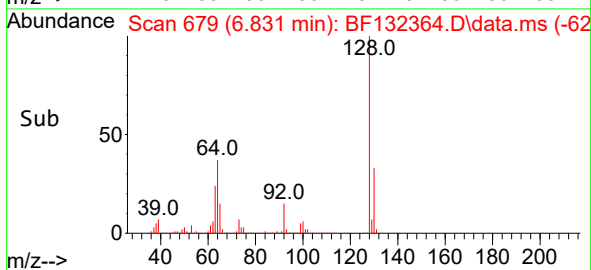
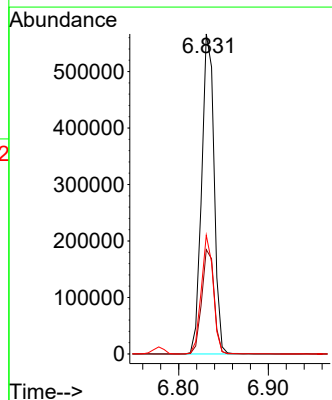
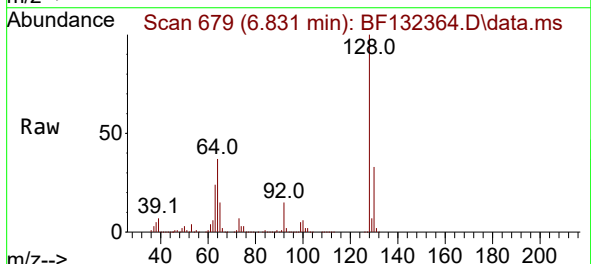
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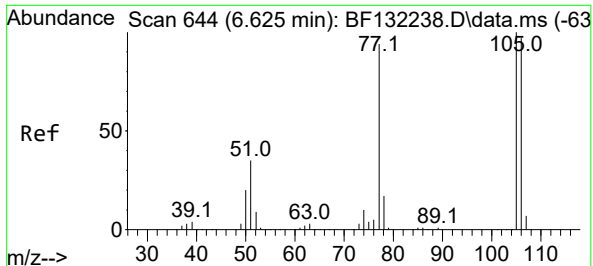
Tgt Ion: 99 Resp: 1480575
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 31.6 24.2 36.4



#8
2-Chlorophenol
Concen: 52.590 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion: 128 Resp: 544471
Ion Ratio Lower Upper
128 100
130 32.6 13.3 53.3
64 37.1 20.1 60.1

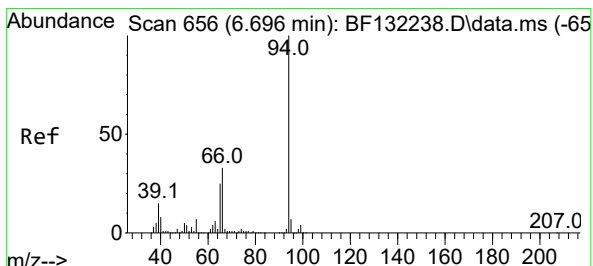
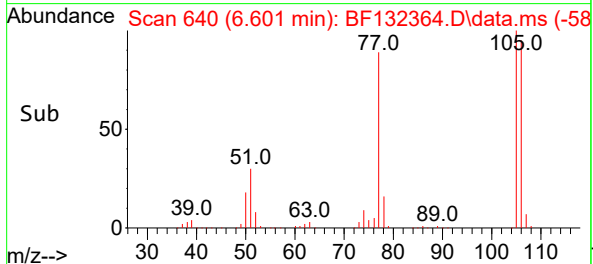
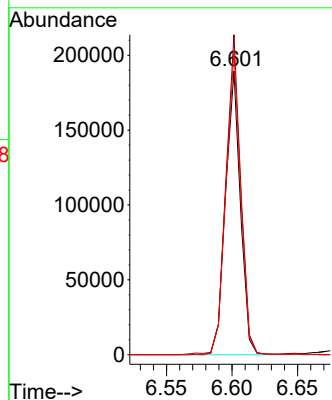
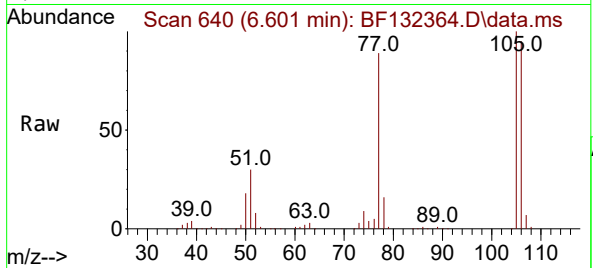




#9
Benzaldehyde
Concen: 18.171 ng
RT: 6.601 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

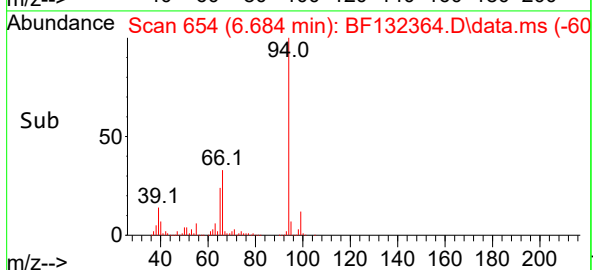
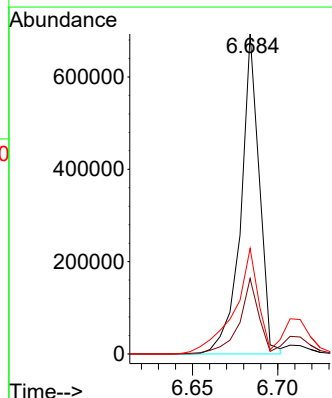
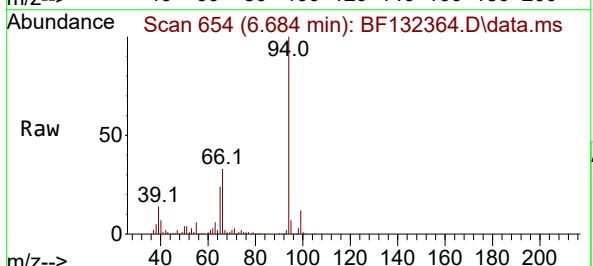
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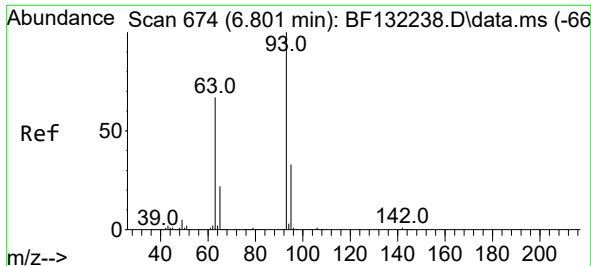
Tgt Ion: 77 Resp: 149038
Ion Ratio Lower Upper
77 100
105 112.8 86.8 126.8
106 107.1 83.8 123.8



#10
Phenol
Concen: 40.922 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion: 94 Resp: 521984
Ion Ratio Lower Upper
94 100
65 23.6 5.1 45.1
66 33.0 13.0 53.0

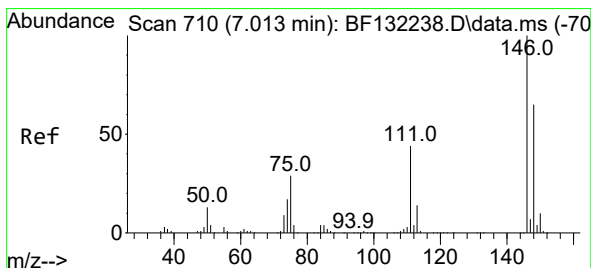
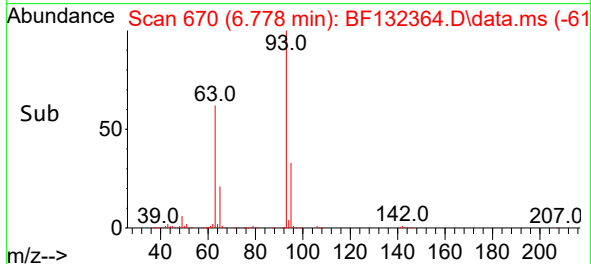
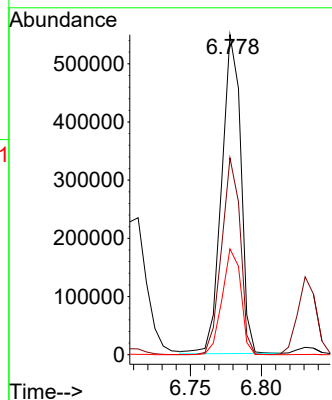
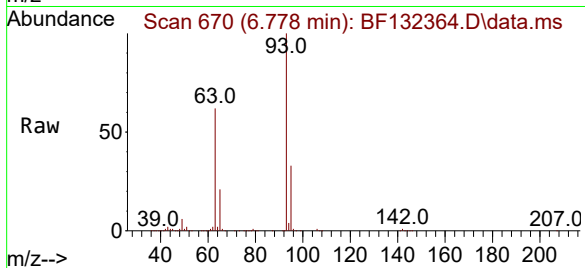




#11
bis(2-Chloroethyl)ether
Concen: 48.932 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

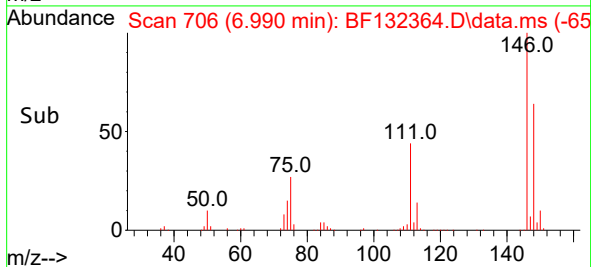
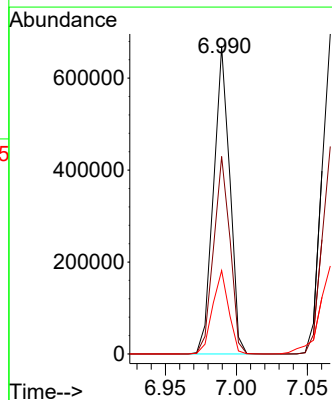
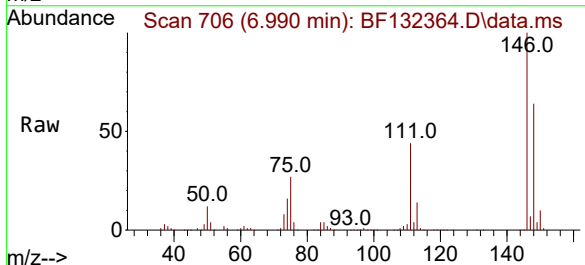
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

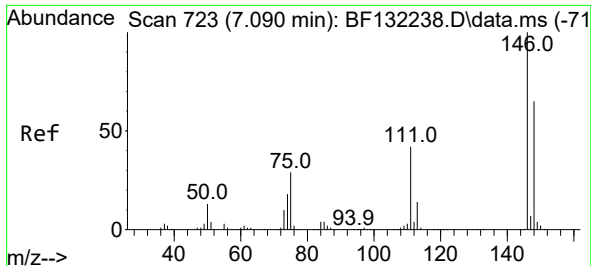
Tgt Ion: 93 Resp: 513677
Ion Ratio Lower Upper
93 100
63 61.5 46.7 86.7
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.478 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:146 Resp: 530831
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 27.1 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 49.597 ng

RT: 7.066 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

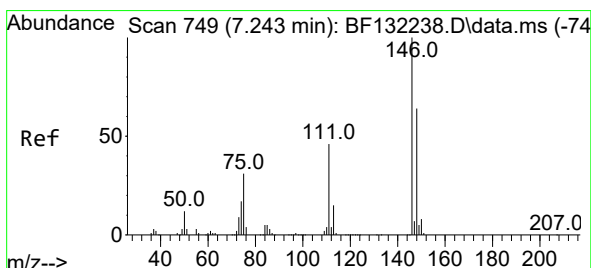
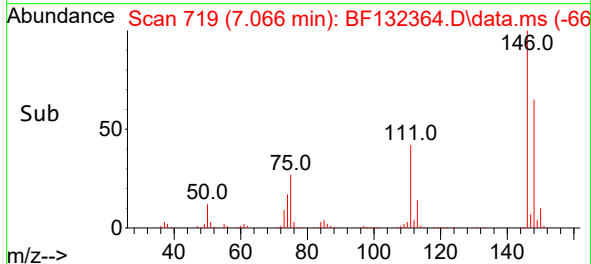
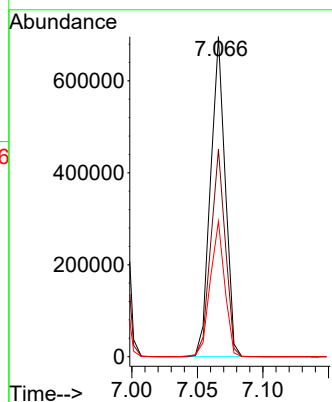
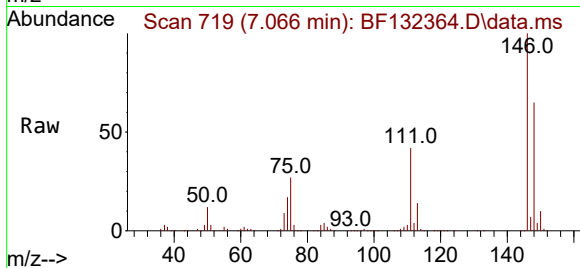
Tgt Ion:146 Resp: 542099

Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

111 42.3 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 51.376 ng

RT: 7.219 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

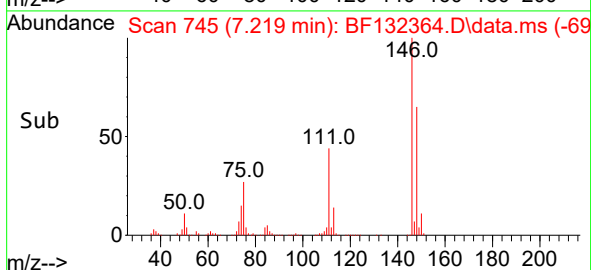
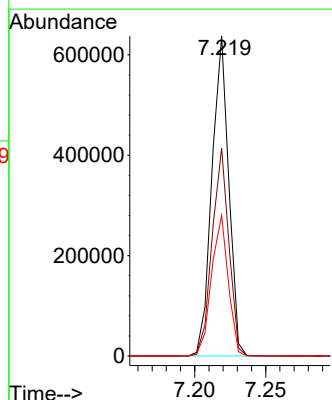
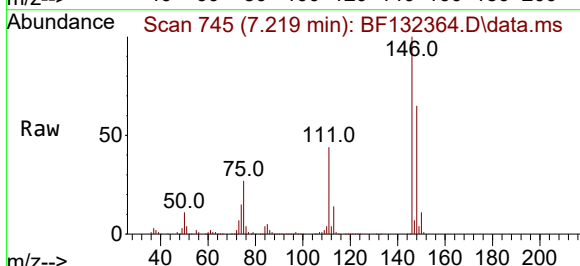
Tgt Ion:146 Resp: 523699

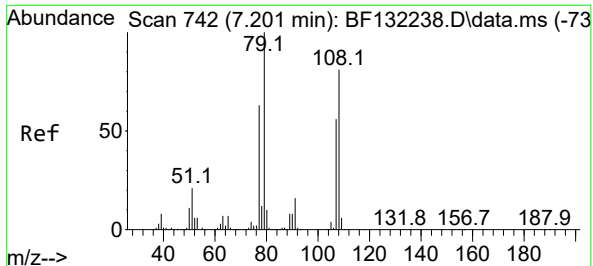
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

111 43.9 37.1 55.7





#15

Benzyl Alcohol

Concen: 46.627 ng

RT: 7.184 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

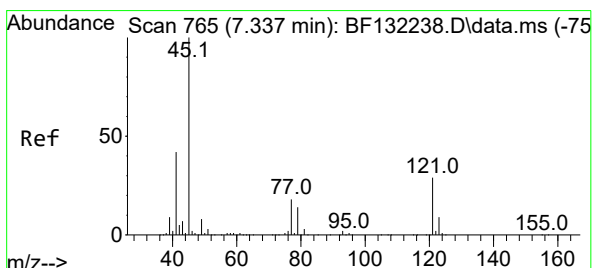
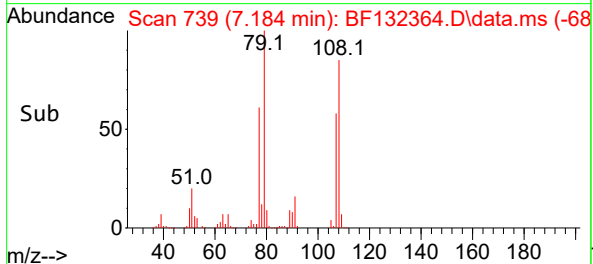
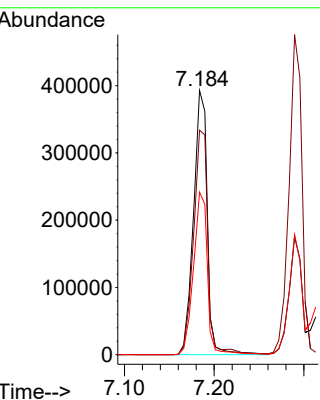
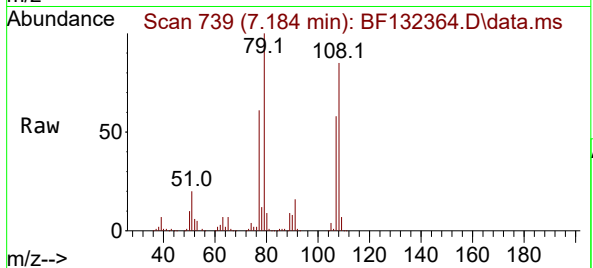
Tgt Ion: 79 Resp: 419280

Ion Ratio Lower Upper

79 100

108 84.9 64.6 97.0

77 61.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.635 ng

RT: 7.319 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

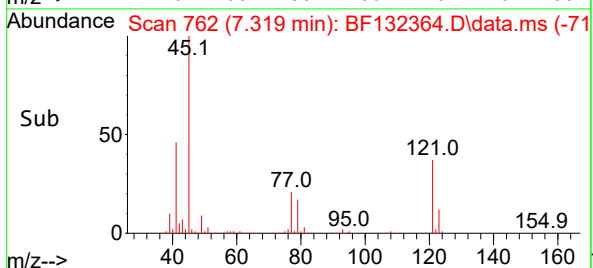
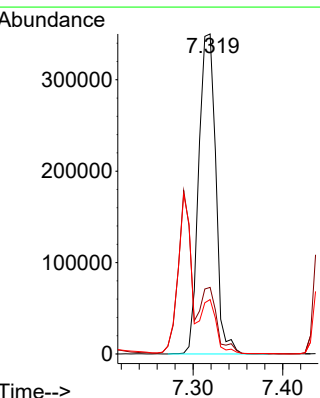
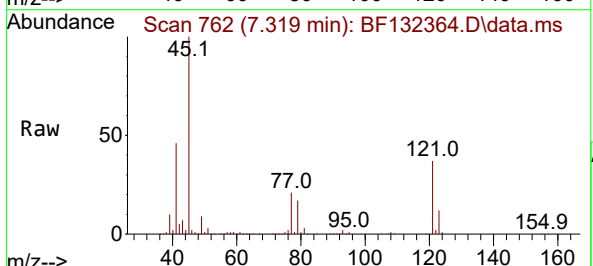
Tgt Ion: 45 Resp: 460497

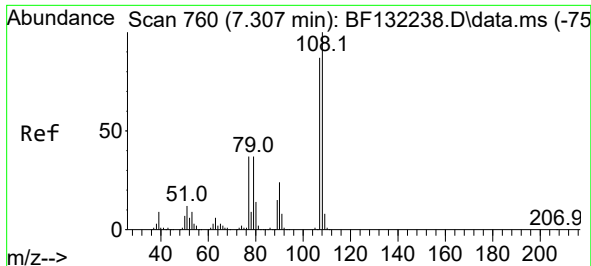
Ion Ratio Lower Upper

45 100

77 20.8 0.0 38.0

79 17.0 0.0 33.8

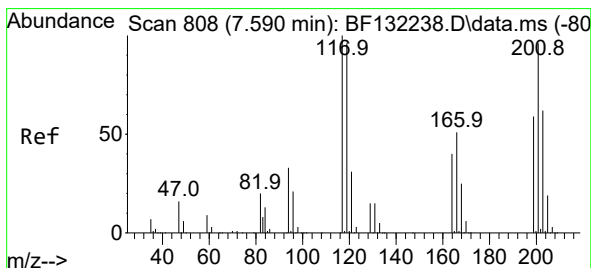
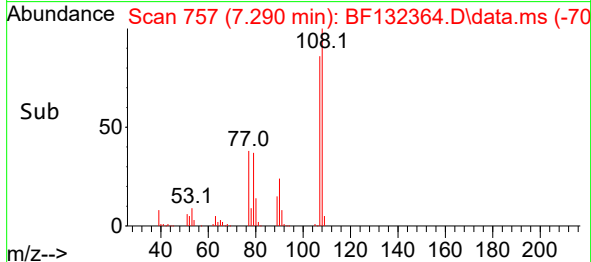
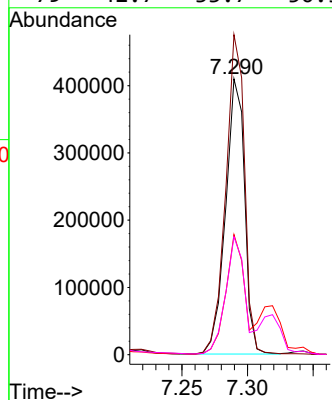
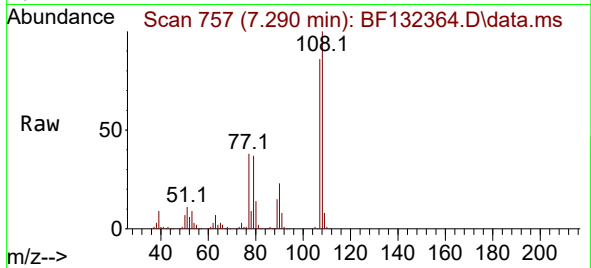




#17
2-Methylphenol
Concen: 45.523 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

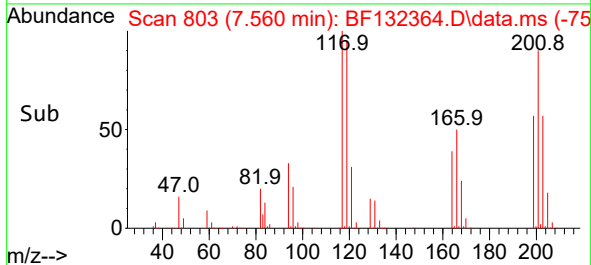
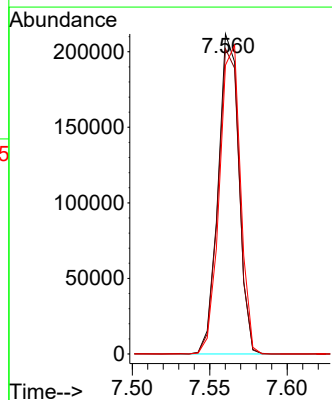
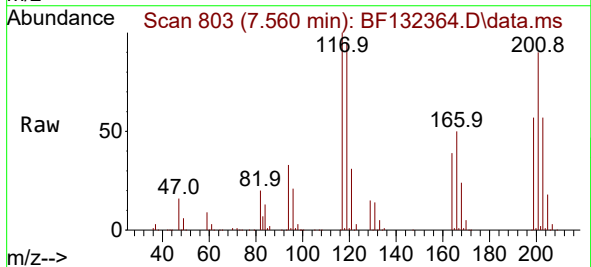
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

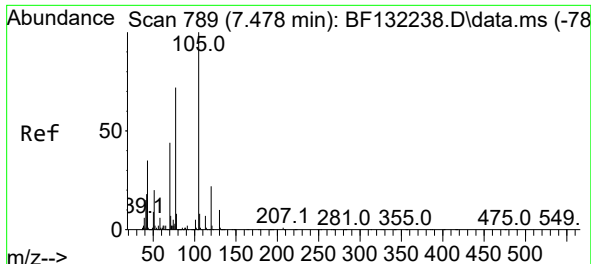
Tgt Ion:107 Resp: 412558
Ion Ratio Lower Upper
107 100
108 116.0 91.8 137.6
77 43.6 34.2 51.2
79 42.7 33.7 50.5



#18
Hexachloroethane
Concen: 48.070 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:117 Resp: 197103
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1
201 90.2 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.409 ng

RT: 7.460 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF132364.D

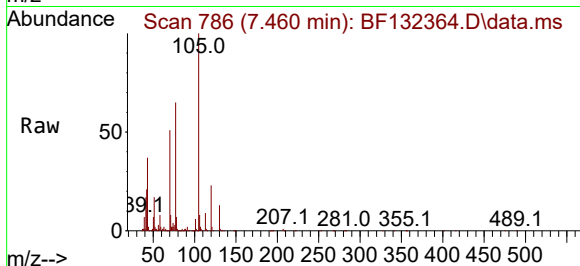
Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD



Tgt Ion: 70 Resp: 296869

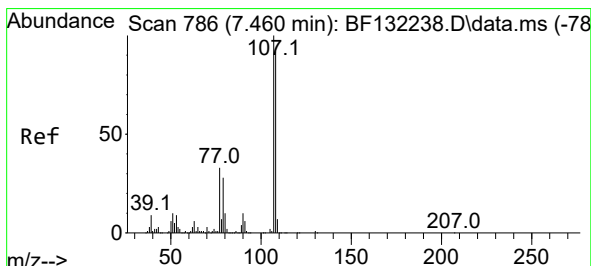
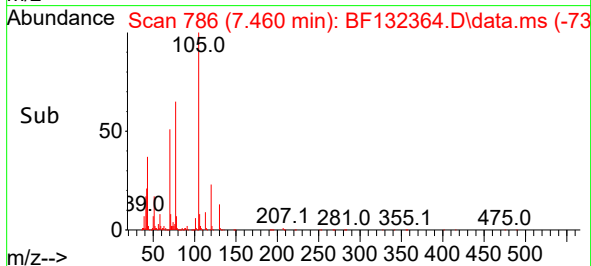
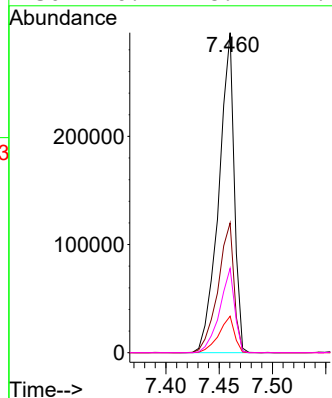
Ion Ratio Lower Upper

70 100

42 40.5 33.4 50.0

101 11.4 8.2 12.4

130 26.4 18.4 27.6



#20

3+4-Methylphenols

Concen: 43.360 ng

RT: 7.443 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Tgt Ion:107 Resp: 501545

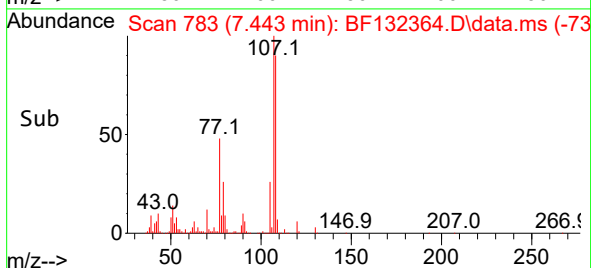
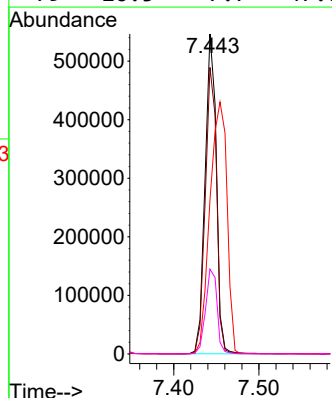
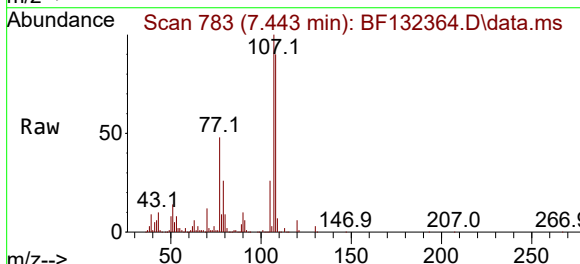
Ion Ratio Lower Upper

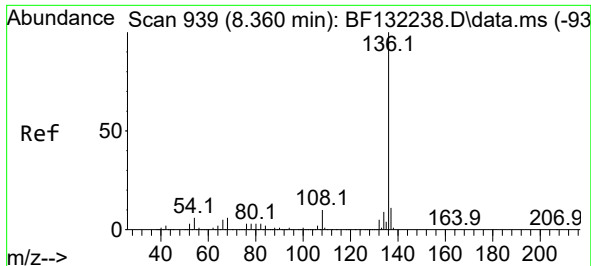
107 100

108 89.6 71.6 111.6

77 48.0 13.4 53.4

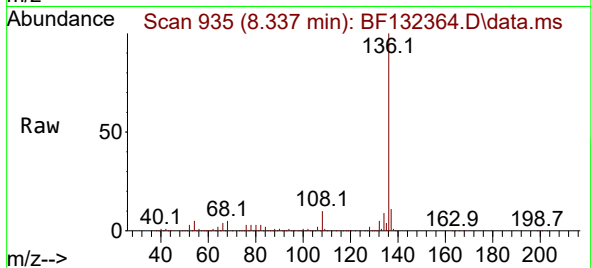
79 26.5 7.7 47.7



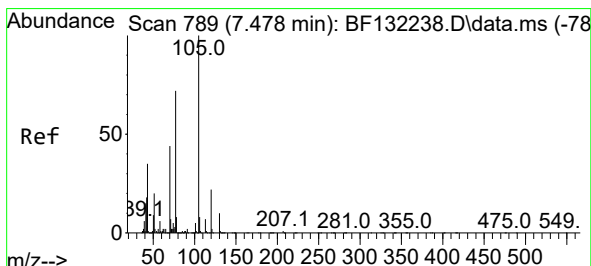
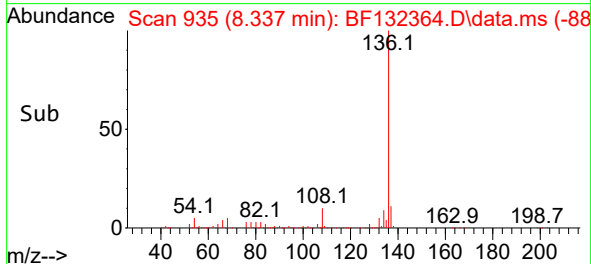
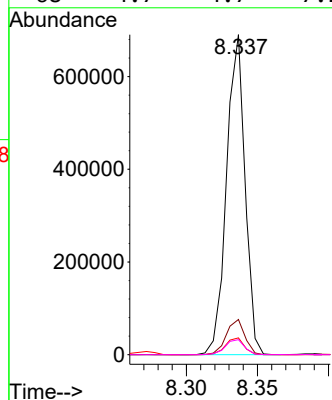


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

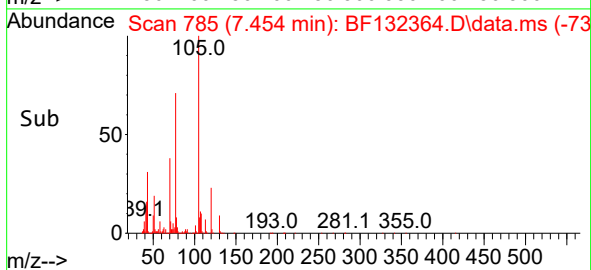
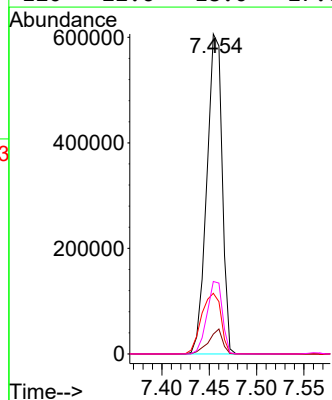
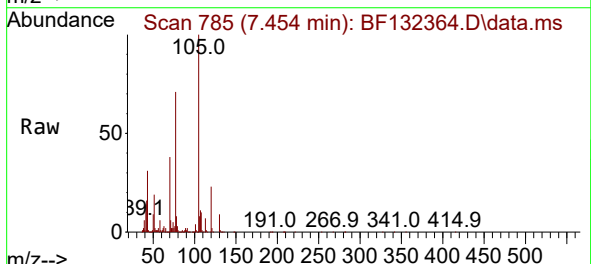


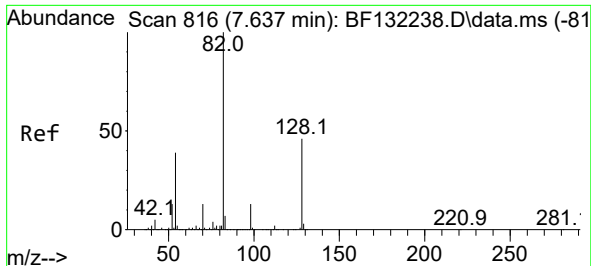
Tgt Ion:136 Resp: 623567
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 4.9 7.3
68 4.7 4.7 7.1#



#22
Acetophenone
Concen: 46.478 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:105 Resp: 681574
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 18.9 16.2 24.2
120 22.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 89.700 ng

RT: 7.613 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

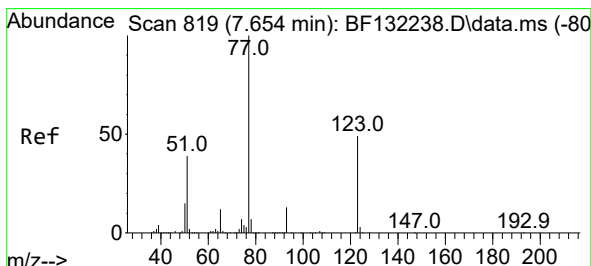
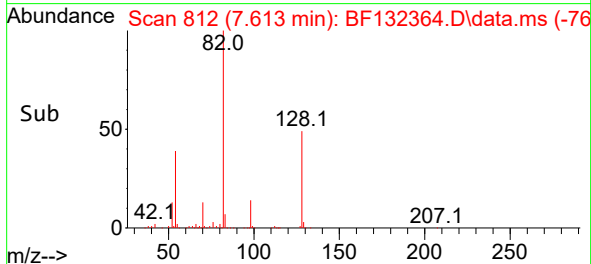
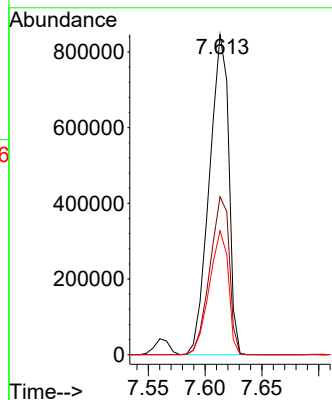
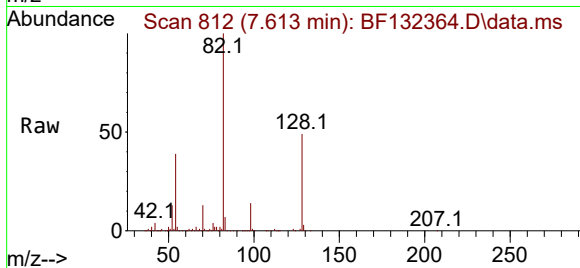
BNA_F

ClientSampleId :

JPP-16-020223MSD

Tgt Ion: 82 Resp: 1005149

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.0	55.4
54	38.7	31.5	47.3



#24

Nitrobenzene

Concen: 43.256 ng

RT: 7.631 min Scan# 815

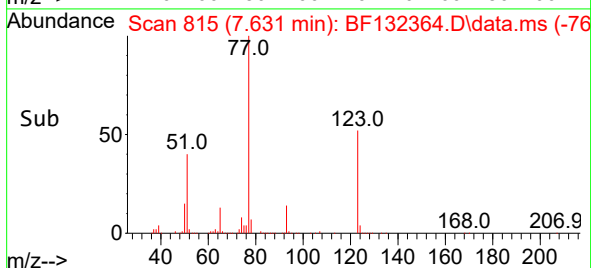
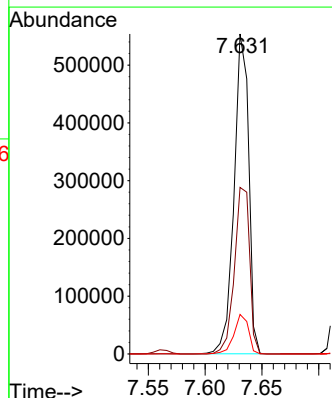
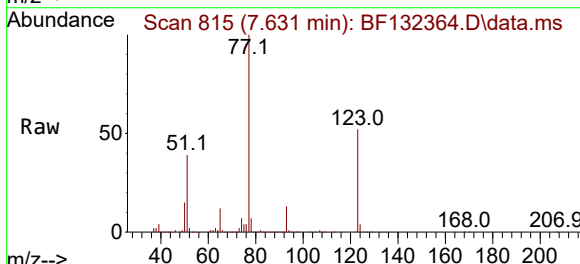
Delta R.T. 0.000 min

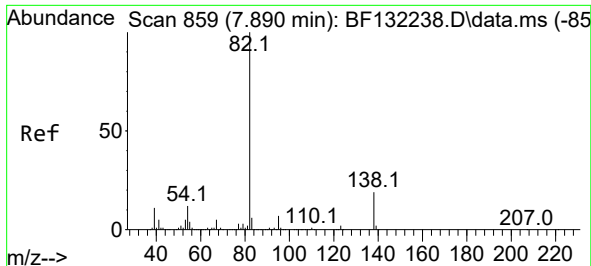
Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Tgt Ion: 77 Resp: 495195

Ion	Ratio	Lower	Upper
77	100		
123	52.0	39.5	59.3
65	12.4	9.8	14.8

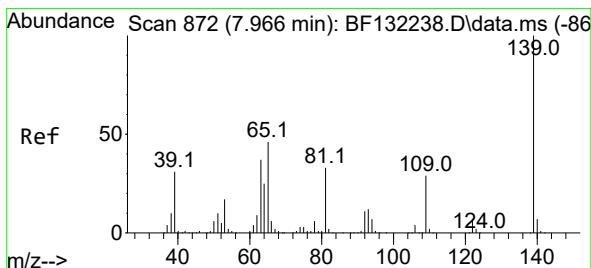
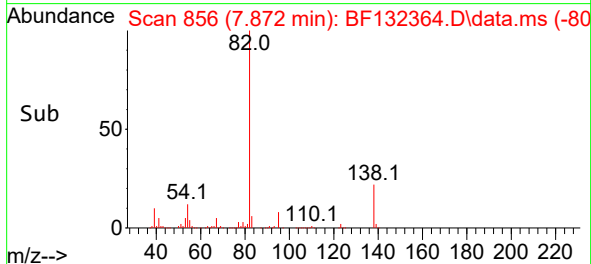
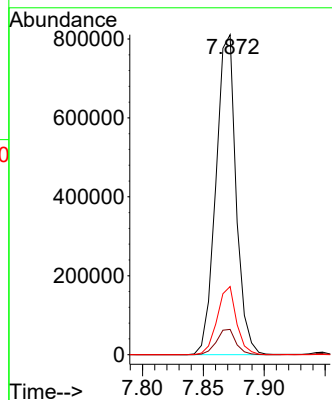
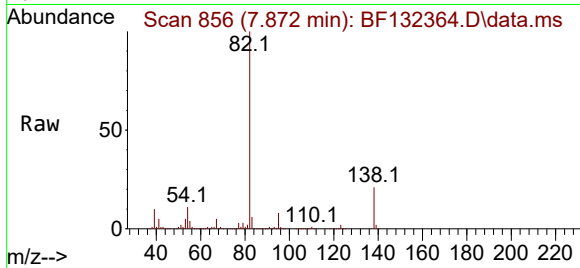




#25
Isophorone
Concen: 43.977 ng
RT: 7.872 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

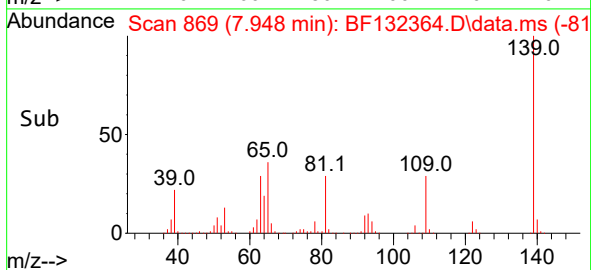
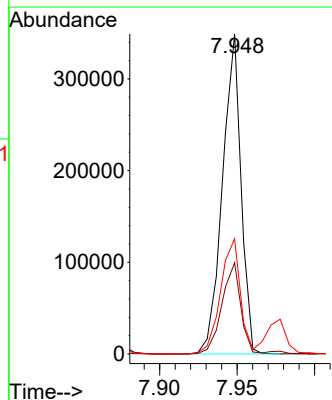
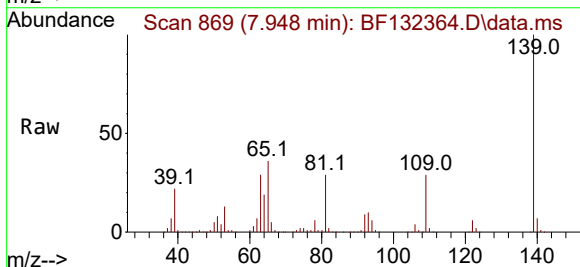
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

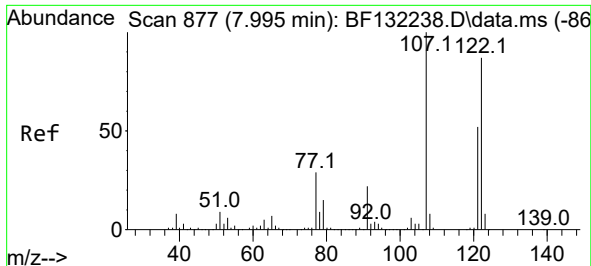
Tgt Ion: 82 Resp: 935324
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 21.3 15.0 22.6



#26
2-Nitrophenol
Concen: 51.971 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:139 Resp: 289798
Ion Ratio Lower Upper
139 100
109 28.5 23.0 34.6
65 36.0 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 49.155 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

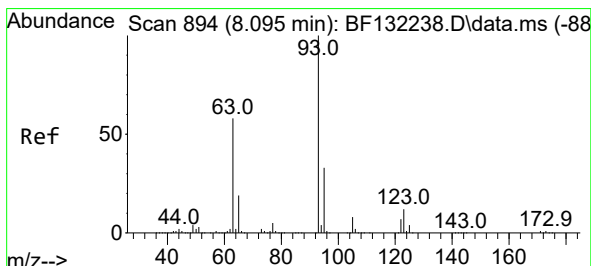
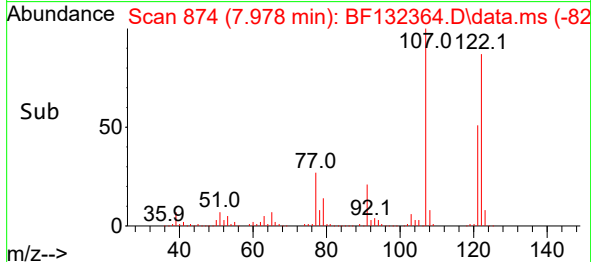
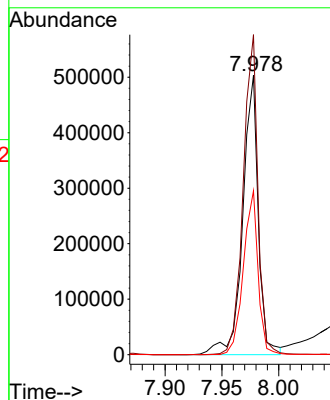
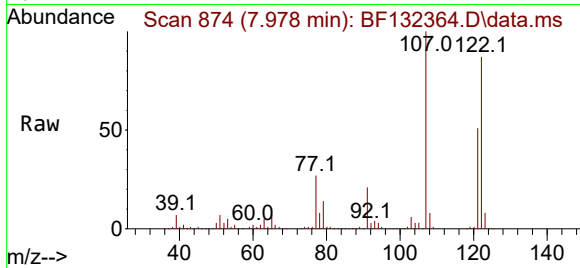
Tgt Ion:122 Resp: 479768

Ion Ratio Lower Upper

122 100

107 114.6 91.9 137.9

121 58.7 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.045 ng

RT: 8.072 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

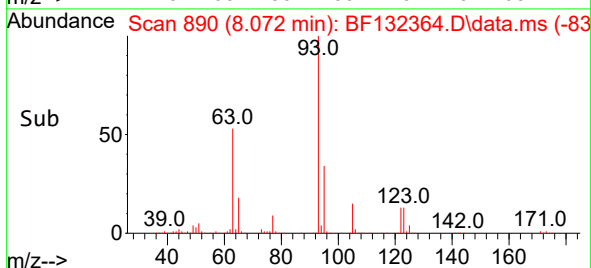
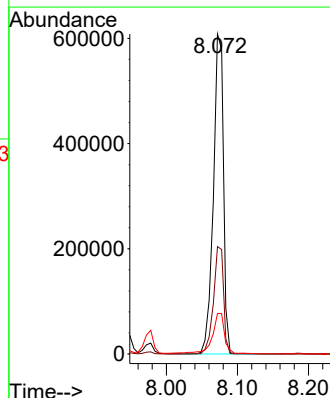
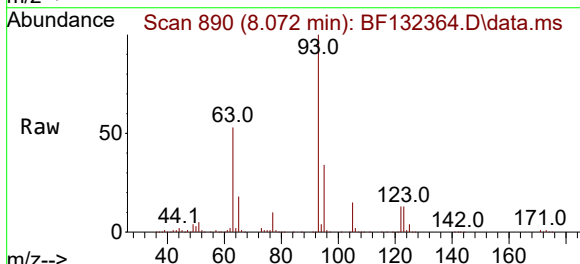
Tgt Ion: 93 Resp: 601815

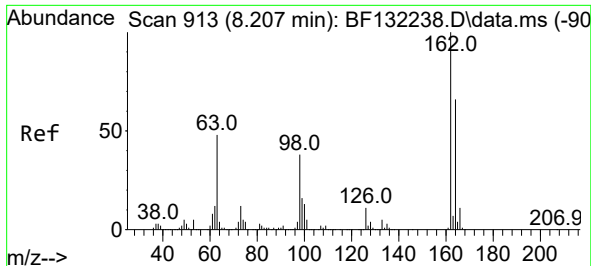
Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

123 12.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.916 ng

RT: 8.190 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

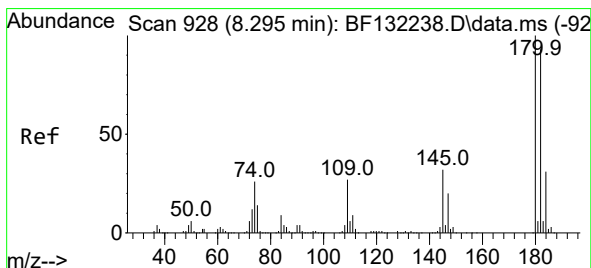
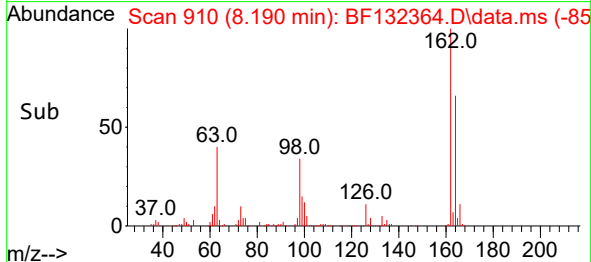
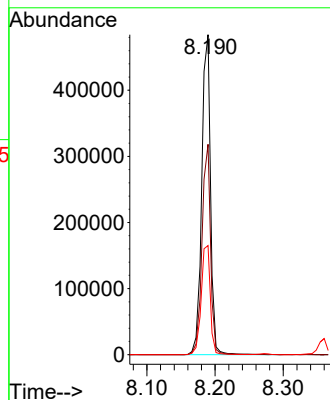
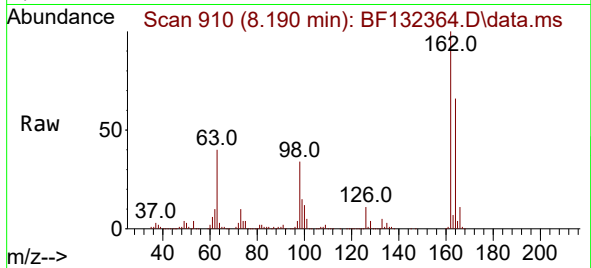
Tgt Ion:162 Resp: 432541

Ion Ratio Lower Upper

162 100

164 65.8 46.4 86.4

98 34.1 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 51.089 ng

RT: 8.272 min Scan# 924

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

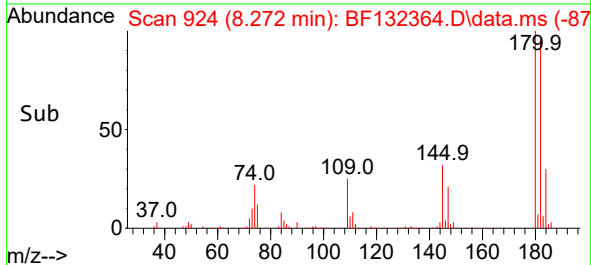
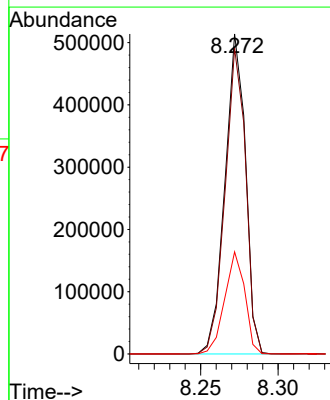
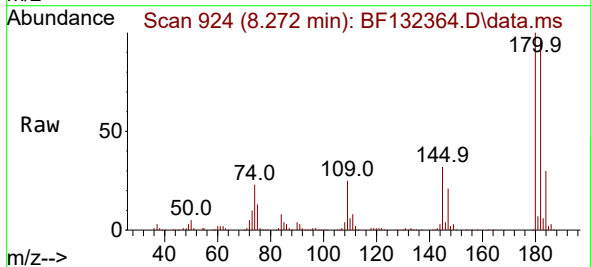
Tgt Ion:180 Resp: 474075

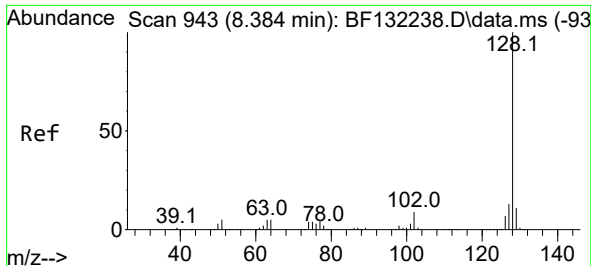
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

145 31.9 25.3 37.9

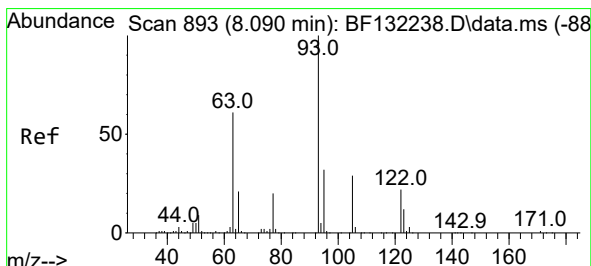
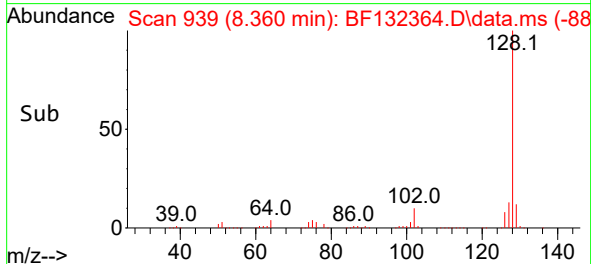
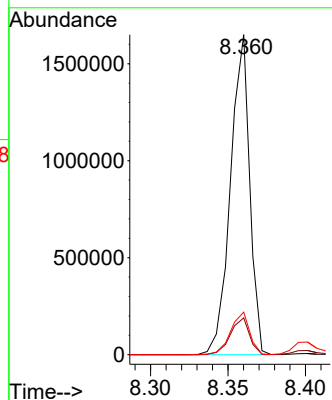
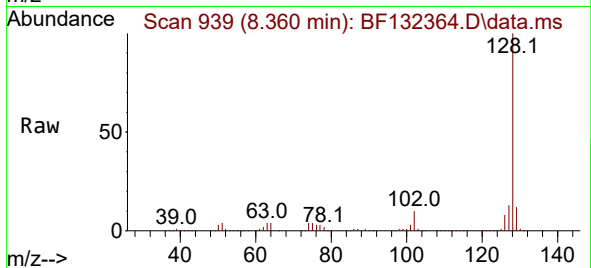




#31
Naphthalene
Concen: 46.313 ng
RT: 8.360 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

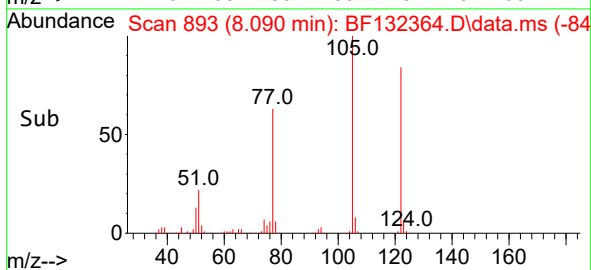
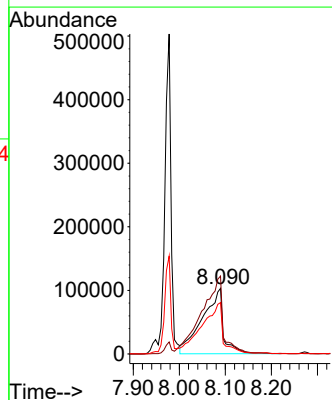
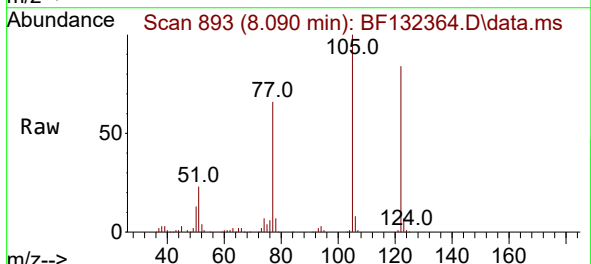
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

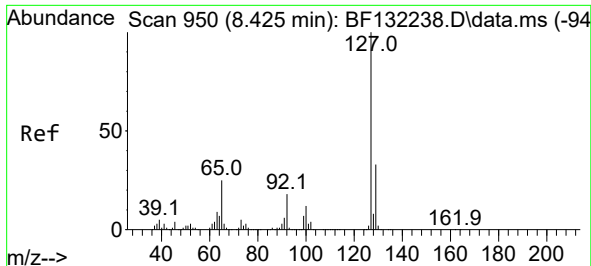
Tgt Ion:128 Resp: 1421539
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 45.206 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:122 Resp: 326595
Ion Ratio Lower Upper
122 100
105 118.9 106.3 146.3
77 78.3 70.6 110.6

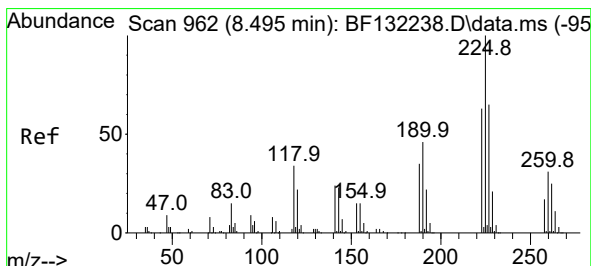
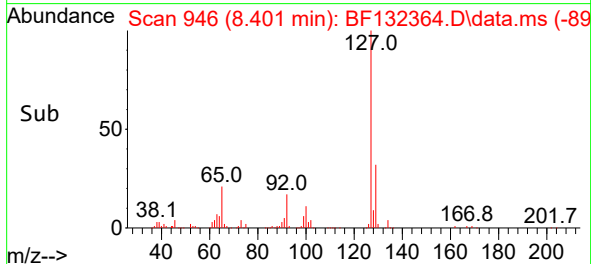
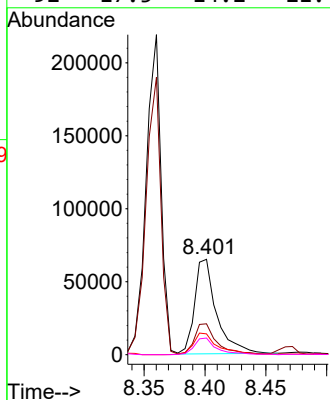
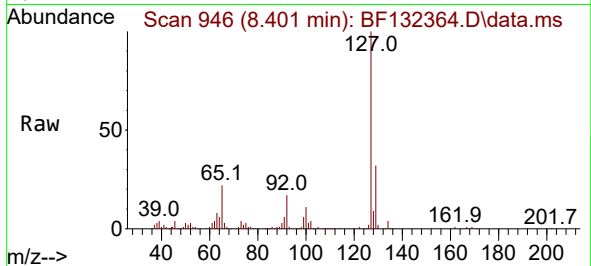




#33
4-Chloroaniline
Concen: 5.955 ng
RT: 8.401 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

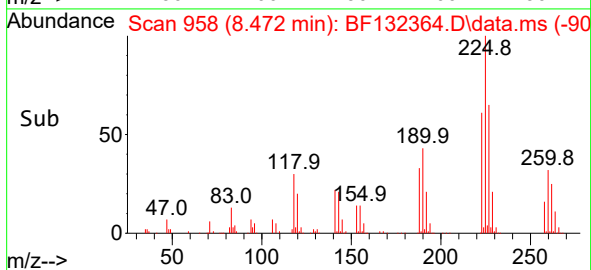
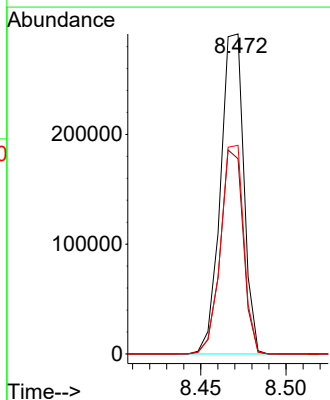
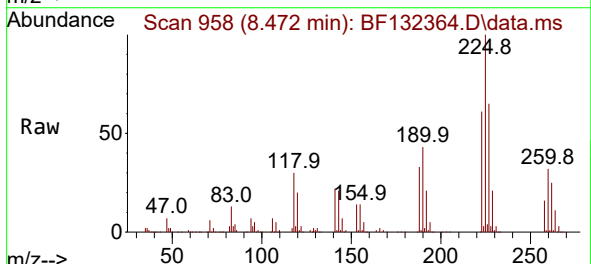
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

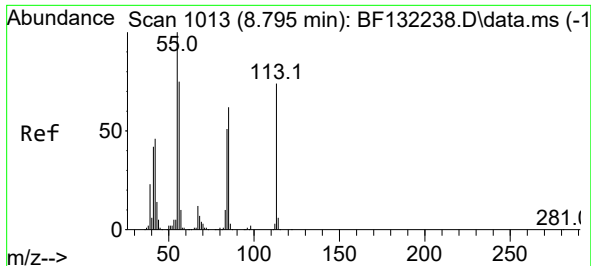
Tgt Ion:	127	Resp:	81046
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.6	39.8
65	21.7	20.2	30.2
92	17.5	14.2	21.4



#34
Hexachlorobutadiene
Concen: 53.199 ng
RT: 8.472 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

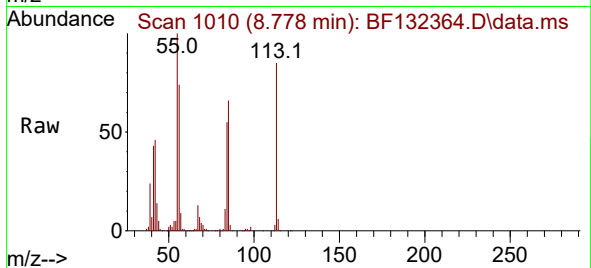
Tgt Ion:	225	Resp:	277522
Ion Ratio	Lower	Upper	
225	100		
223	61.0	50.6	75.8
227	65.2	51.7	77.5



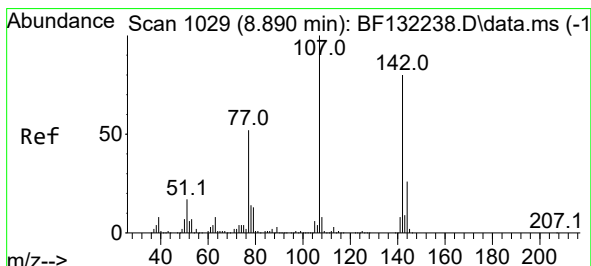
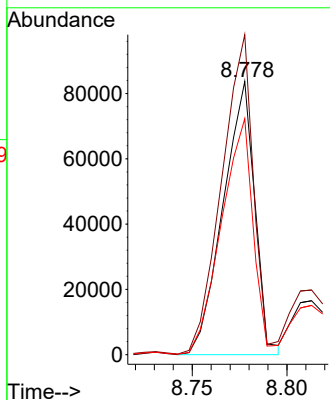
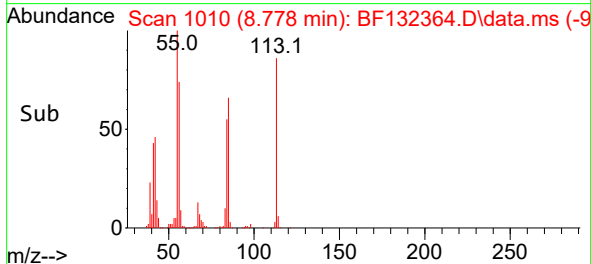


#35
 Caprolactam
 Concen: 32.841 ng
 RT: 8.778 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

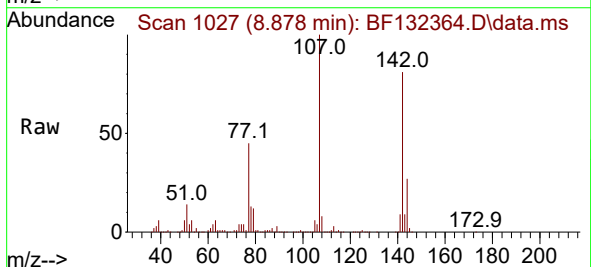
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MSD



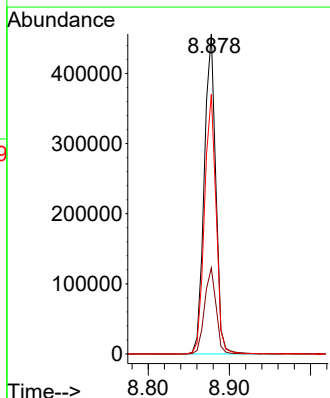
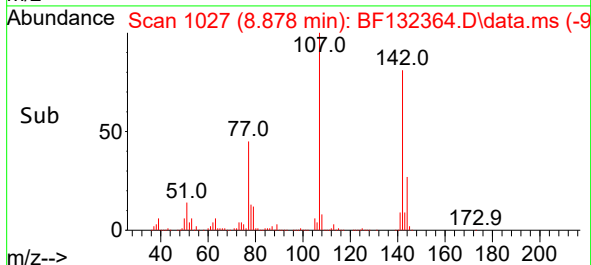
Tgt Ion:113 Resp: 97019
 Ion Ratio Lower Upper
 113 100
 55 117.1 114.7 154.7
 56 86.4 81.1 121.1

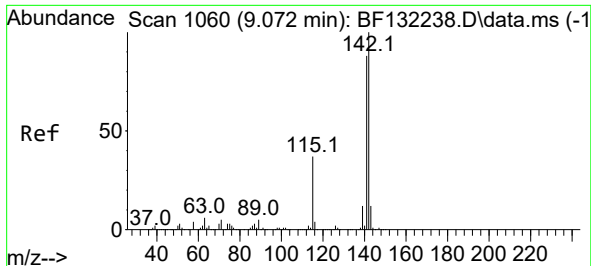


#36
 4-Chloro-3-methylphenol
 Concen: 48.062 ng
 RT: 8.878 min Scan# 1027
 Delta R.T. 0.006 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06



Tgt Ion:107 Resp: 448680
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 81.1 63.6 95.4

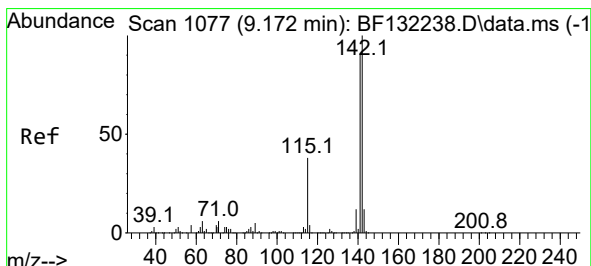
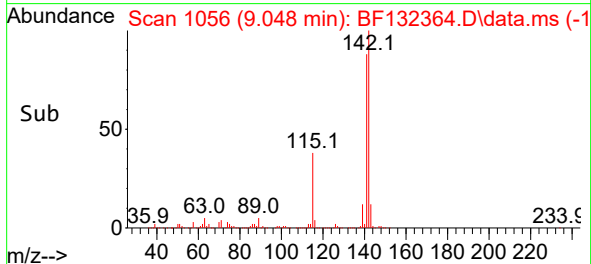
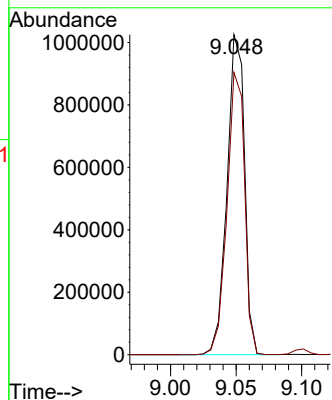
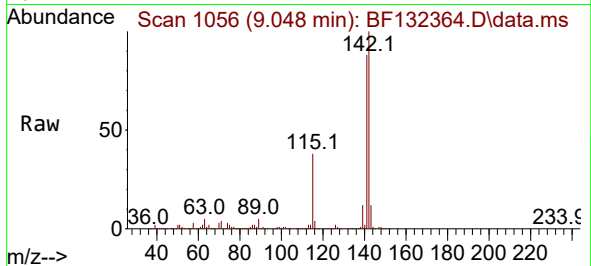




#37
2-Methylnaphthalene
Concen: 45.756 ng
RT: 9.048 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

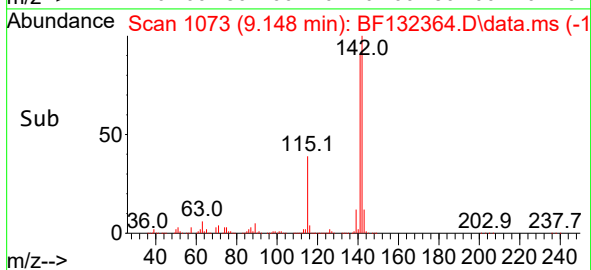
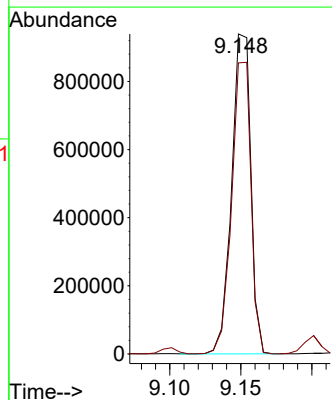
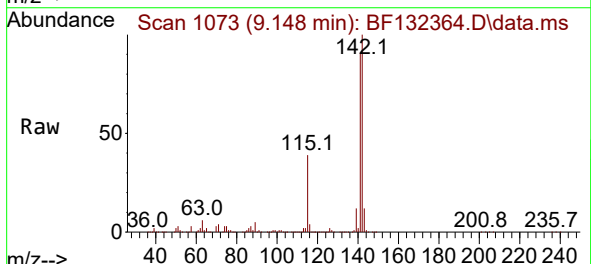
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

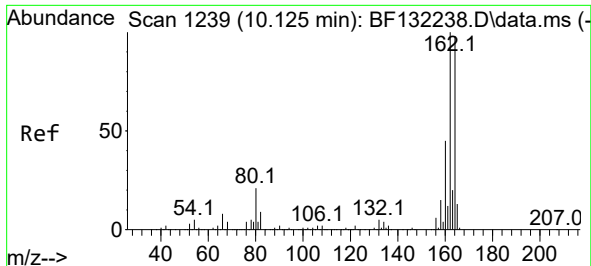
Tgt Ion:142 Resp: 951307
Ion Ratio Lower Upper
142 100
141 88.2 70.1 105.1



#38
1-Methylnaphthalene
Concen: 45.727 ng
RT: 9.148 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:142 Resp: 883495
Ion Ratio Lower Upper
142 100
141 91.0 72.6 108.8

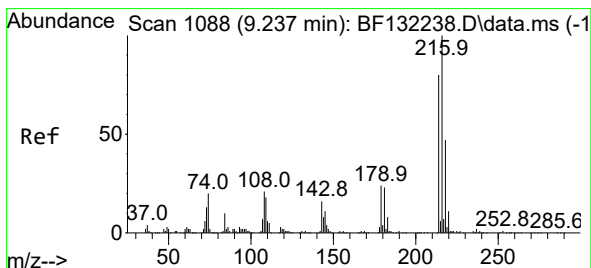
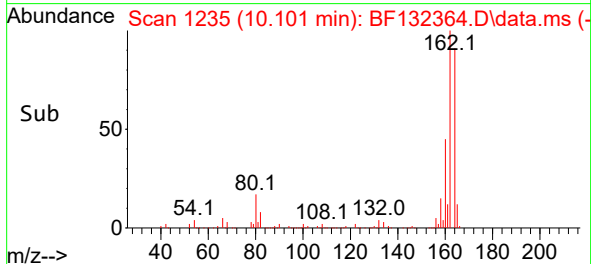
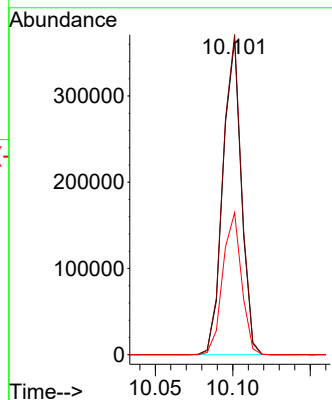
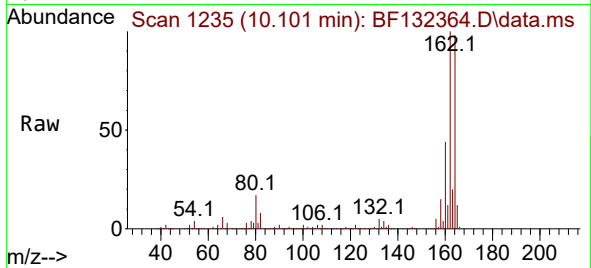




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

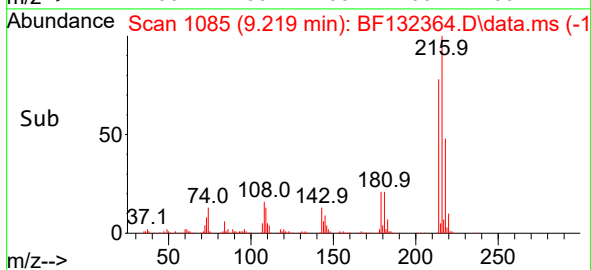
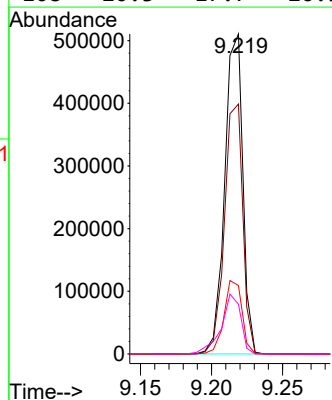
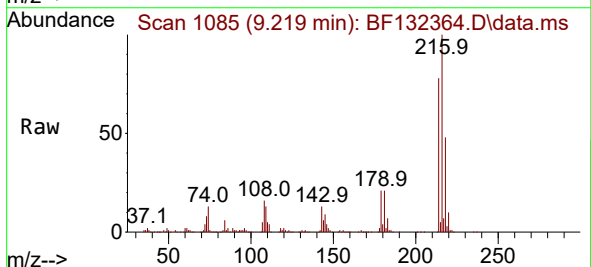
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

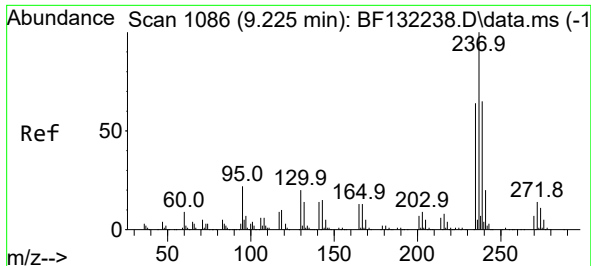
Tgt Ion:164 Resp: 300861
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 45.1 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.273 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

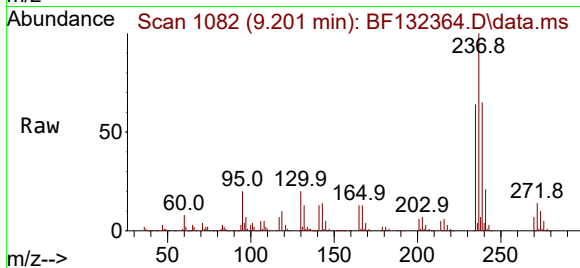
Tgt Ion:216 Resp: 451042
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 22.8 18.3 27.5
108 20.3 17.7 26.5



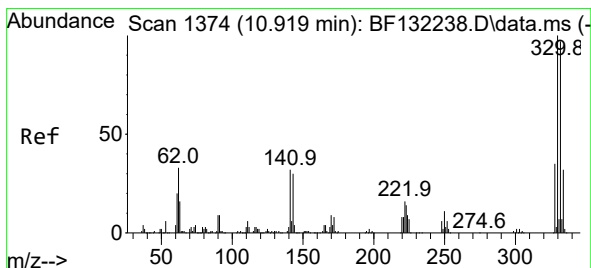
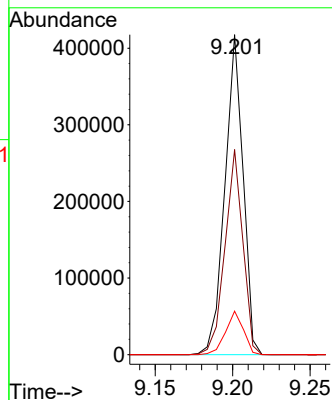
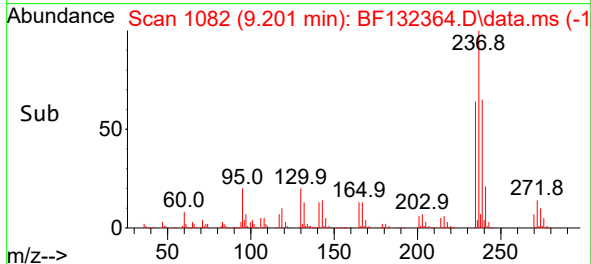


#41
Hexachlorocyclopentadiene
Concen: 68.970 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

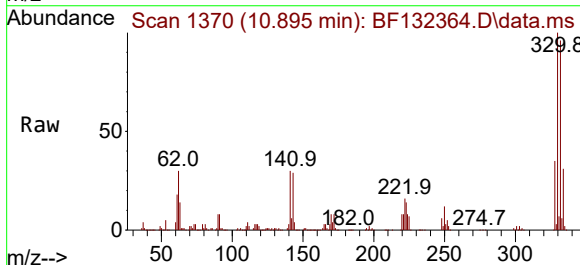
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD



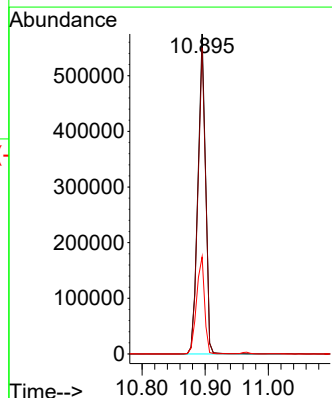
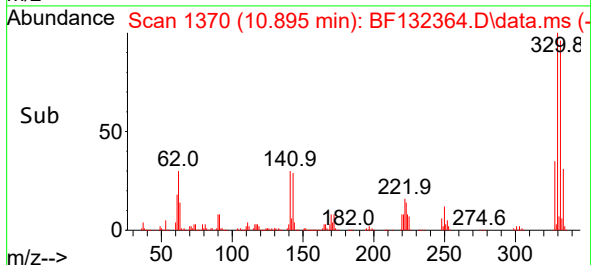
Tgt Ion: 237 Resp: 340690
Ion Ratio Lower Upper
237 100
235 64.1 43.5 83.5
272 13.6 0.0 33.6

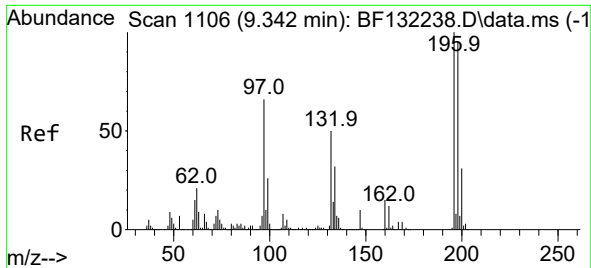


#42
2,4,6-Tribromophenol
Concen: 155.250 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06



Tgt Ion: 330 Resp: 480335
Ion Ratio Lower Upper
330 100
332 96.6 77.9 116.9
141 32.1 31.0 46.4

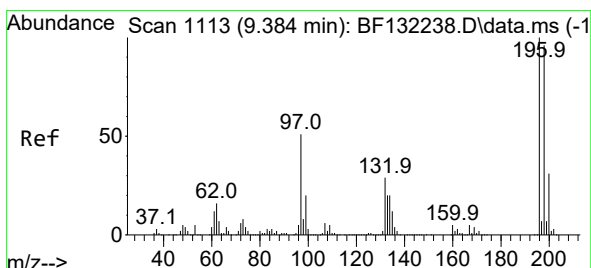
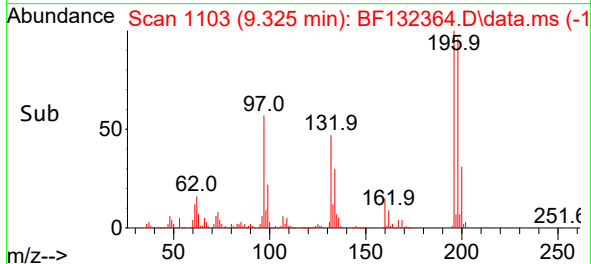
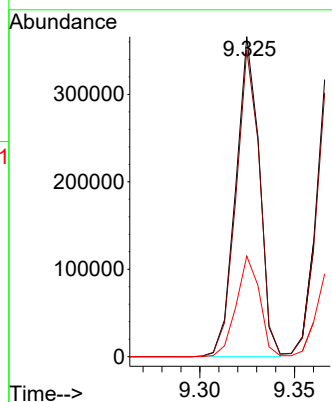
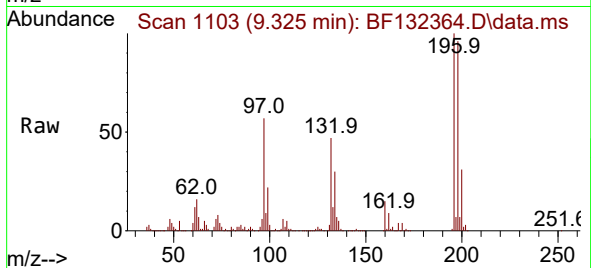




#43
2,4,6-Trichlorophenol
Concen: 52.094 ng
RT: 9.325 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

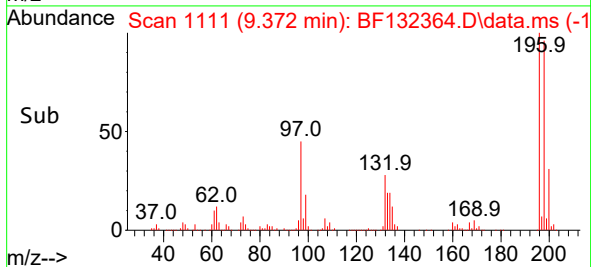
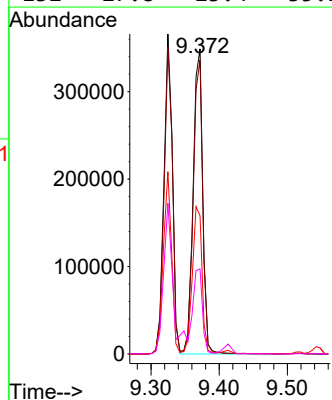
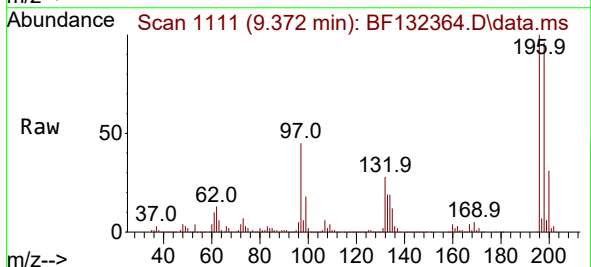
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

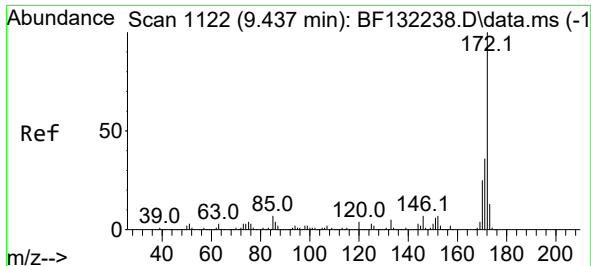
Tgt Ion:196 Resp: 315280
Ion Ratio Lower Upper
196 100
198 96.0 75.9 113.9
200 31.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 48.562 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:196 Resp: 338279
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
97 45.3 41.2 61.8
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 93.027 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

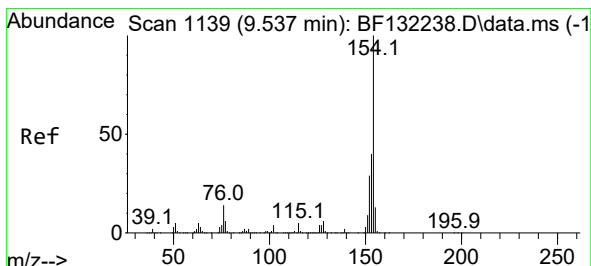
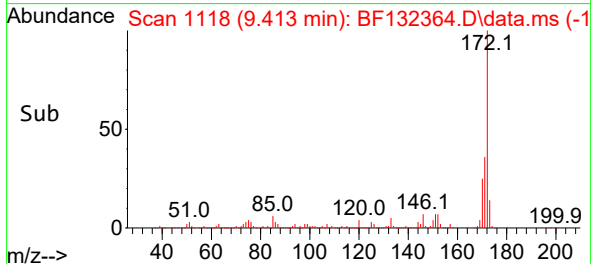
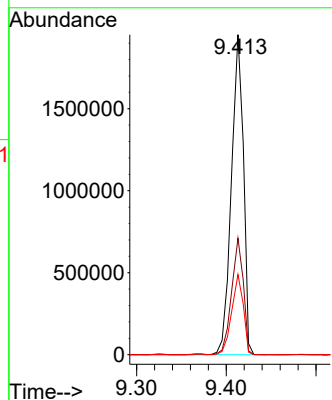
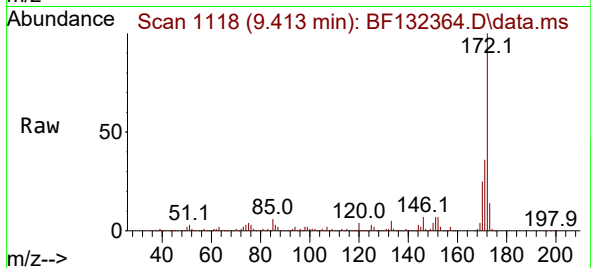
Tgt Ion:172 Resp: 1812421

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 25.0 19.7 29.5



#46

1,1'-Biphenyl

Concen: 49.060 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

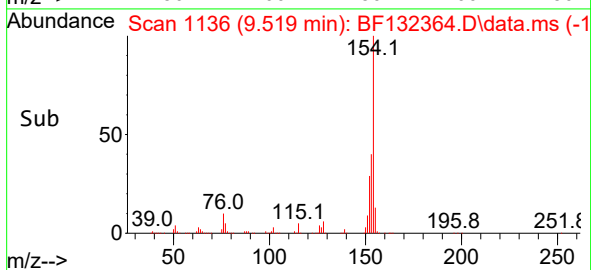
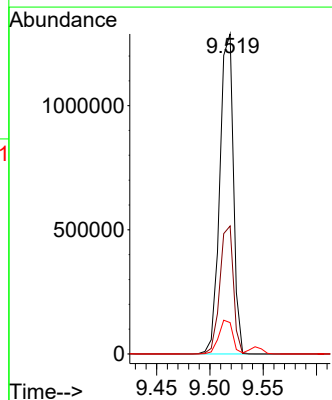
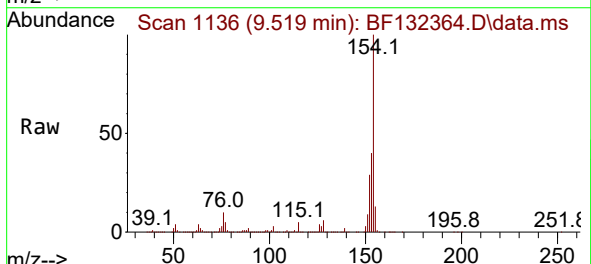
Tgt Ion:154 Resp: 1137939

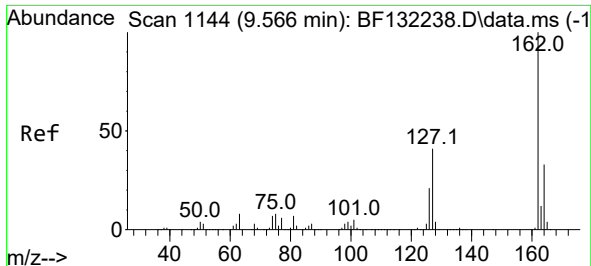
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 9.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 50.273 ng

RT: 9.542 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132364.D

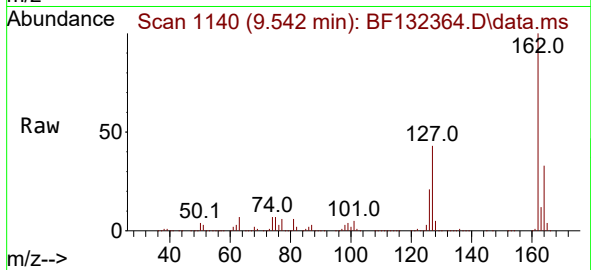
Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD



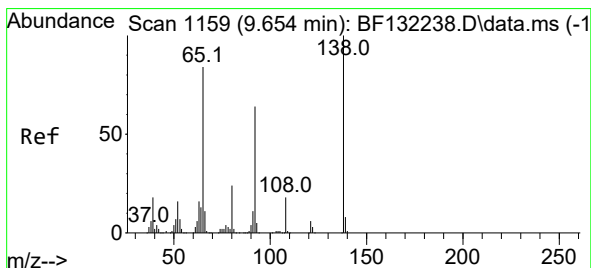
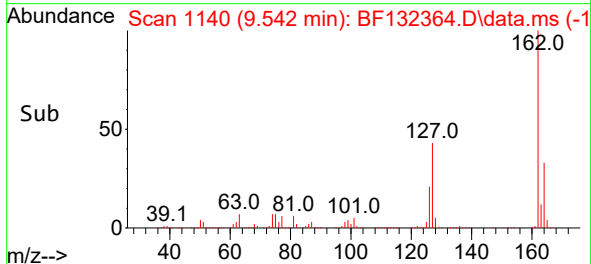
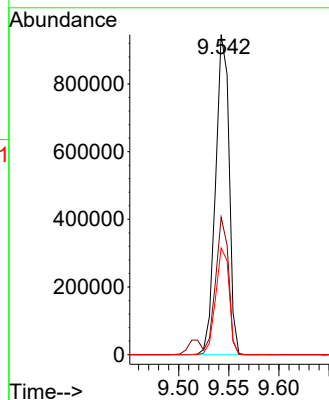
Tgt Ion:162 Resp: 888138

Ion Ratio Lower Upper

162 100

127 43.0 33.3 49.9

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 41.568 ng

RT: 9.636 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

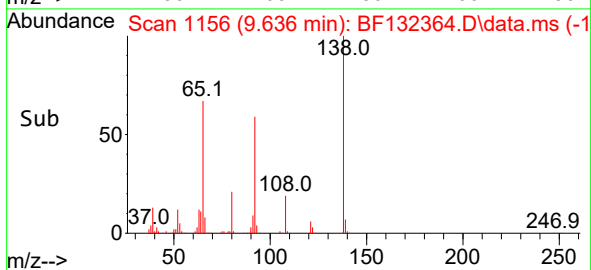
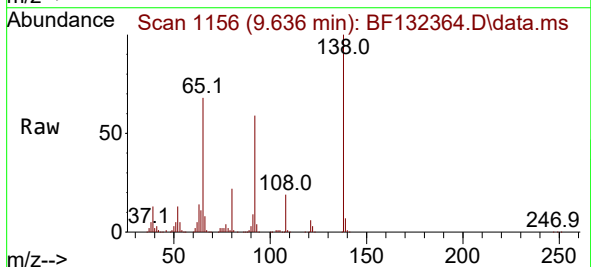
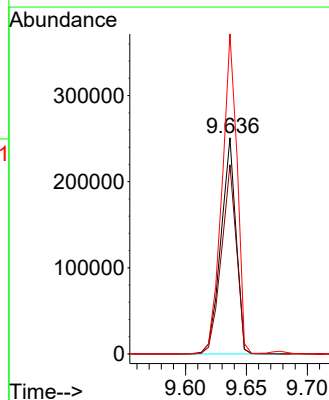
Tgt Ion: 65 Resp: 218400

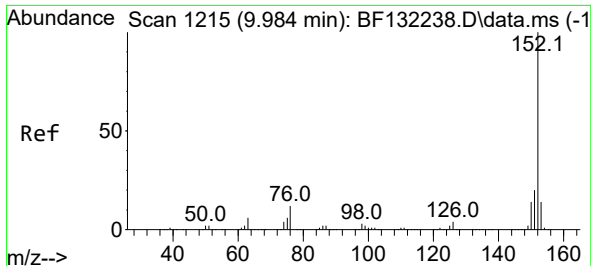
Ion Ratio Lower Upper

65 100

92 87.5 61.0 91.4

138 148.0 95.0 142.4#





#49

Acenaphthylene

Concen: 47.012 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

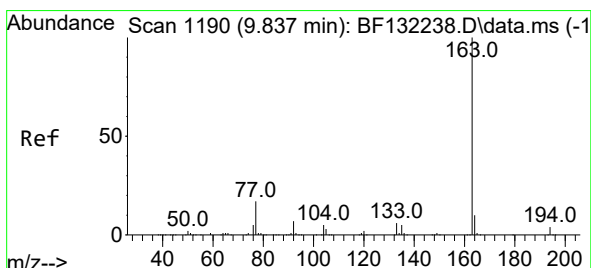
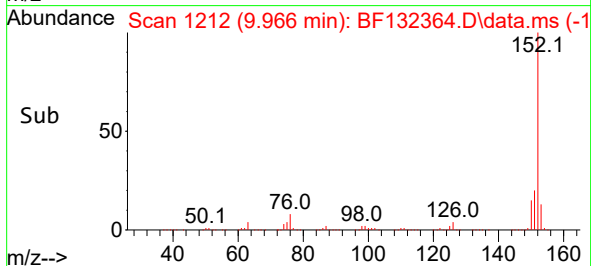
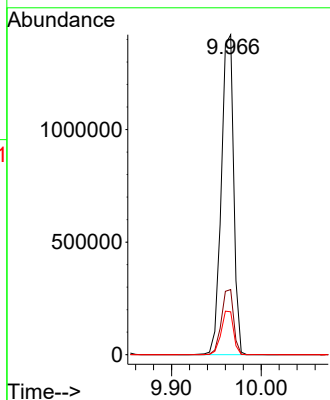
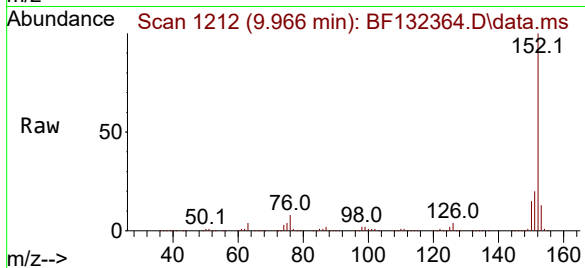
Tgt Ion:152 Resp: 1355474

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.4 10.9 16.3



#50

Dimethylphthalate

Concen: 51.363 ng

RT: 9.813 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

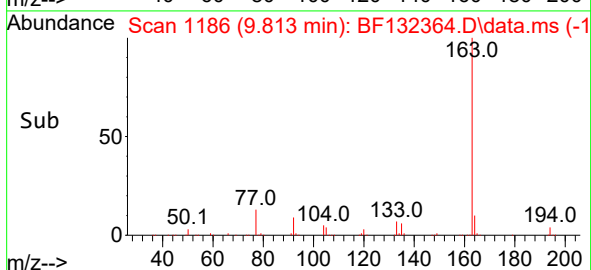
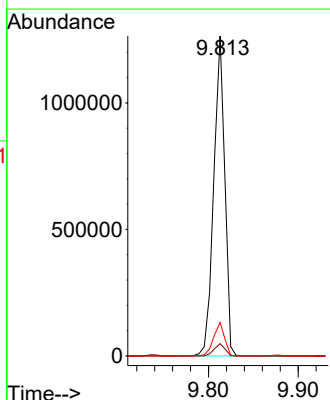
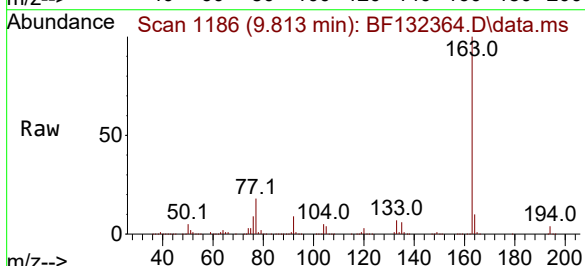
Tgt Ion:163 Resp: 1080961

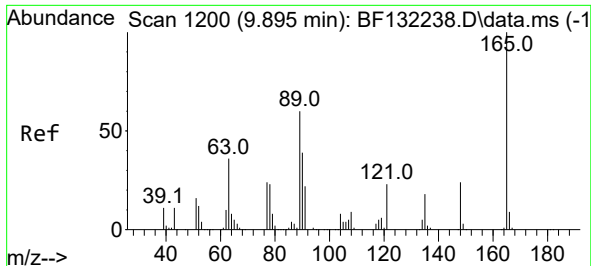
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

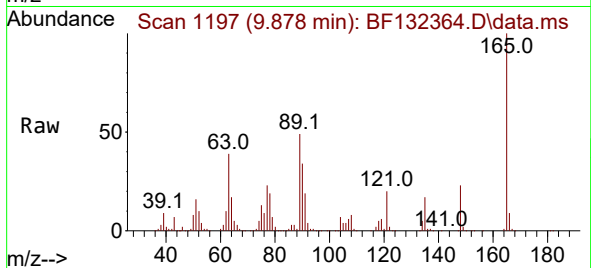
164 10.5 7.9 11.9



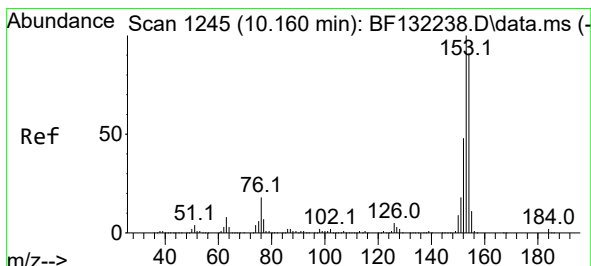
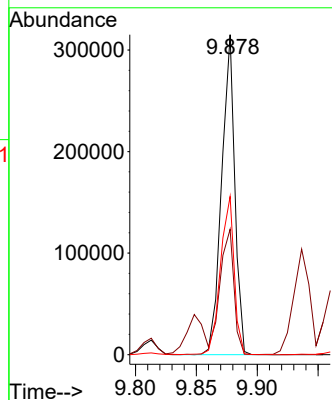
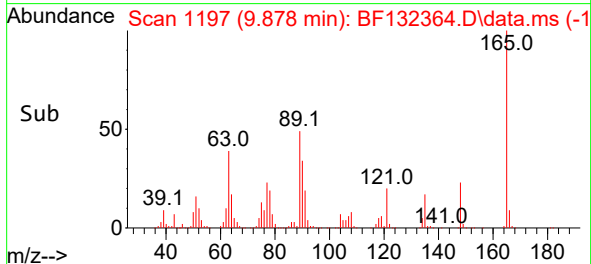


#51
2,6-Dinitrotoluene
Concen: 50.694 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

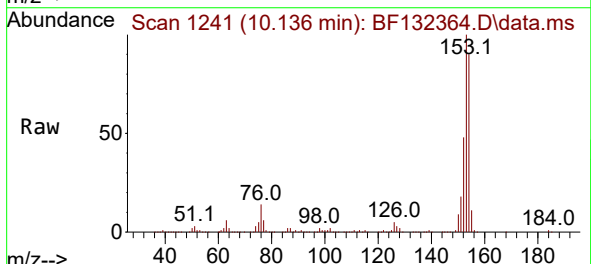
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD



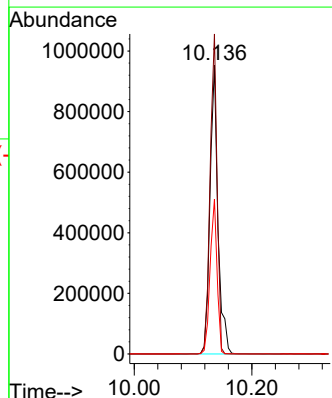
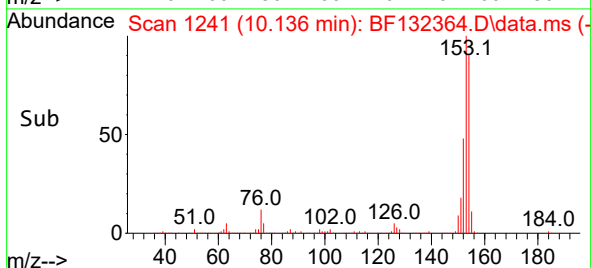
Tgt Ion:165 Resp: 238272
Ion Ratio Lower Upper
165 100
63 39.2 41.5 62.3#
89 49.4 48.1 72.1

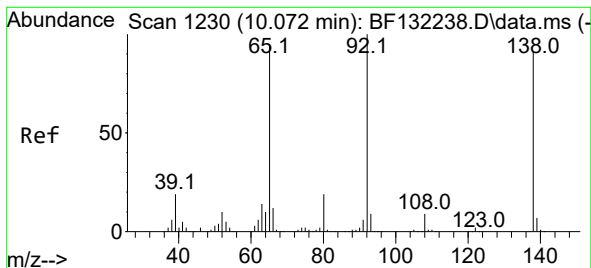


#52
Acenaphthene
Concen: 49.692 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06



Tgt Ion:154 Resp: 896981
Ion Ratio Lower Upper
154 100
153 110.9 88.3 132.5
152 53.6 42.7 64.1

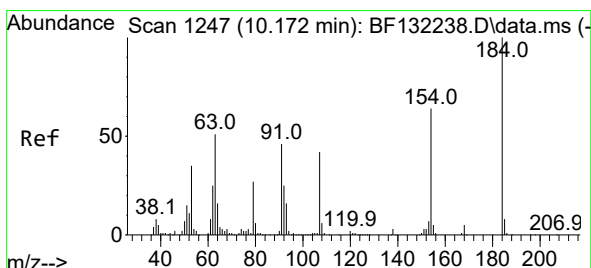
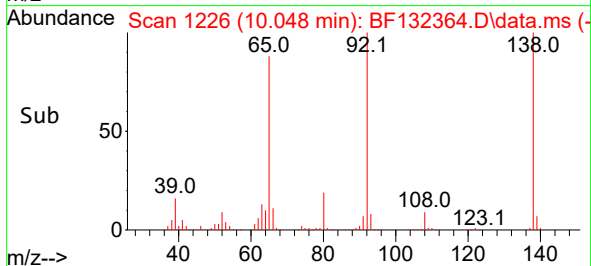
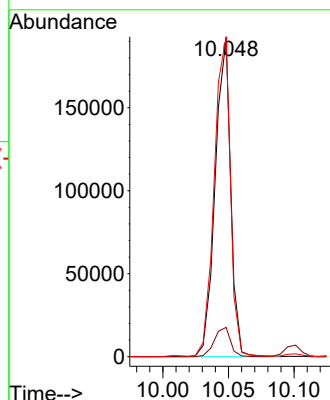
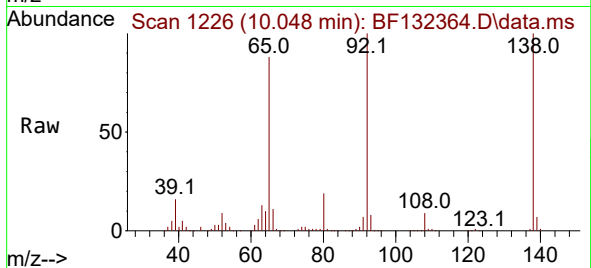




#53
3-Nitroaniline
Concen: 27.718 ng
RT: 10.048 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

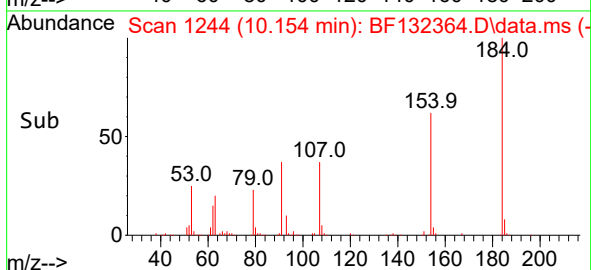
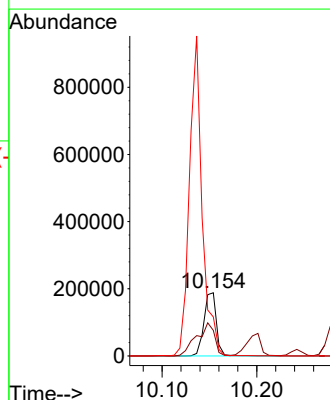
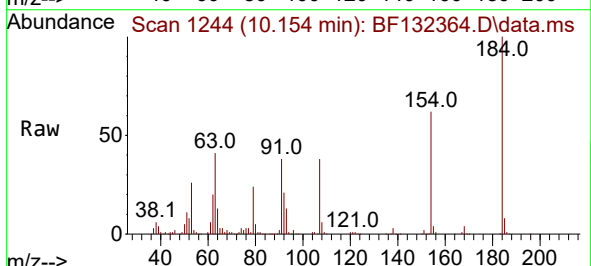
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

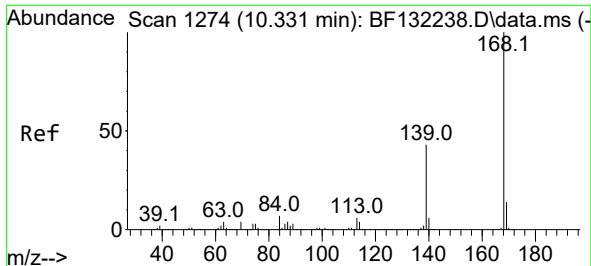
Tgt Ion:138 Resp: 157992
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 100.4 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 63.870 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:184 Resp: 171506
Ion Ratio Lower Upper
184 100
63 40.6 41.6 62.4#
154 61.8 57.0 85.6

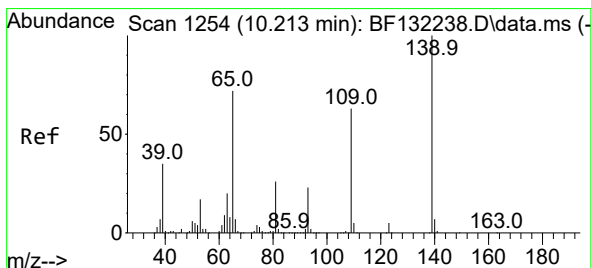
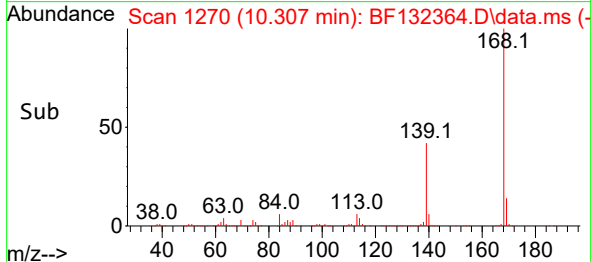
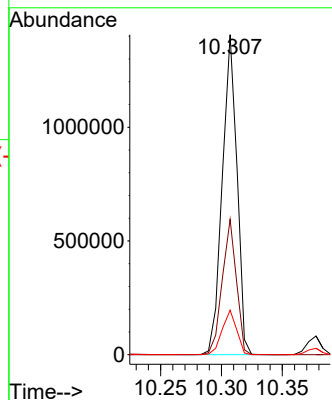
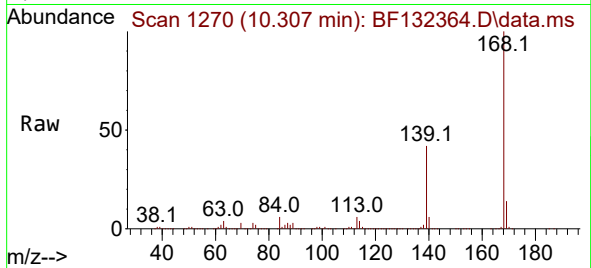




#55
Dibenzenofuran
Concen: 46.524 ng
RT: 10.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

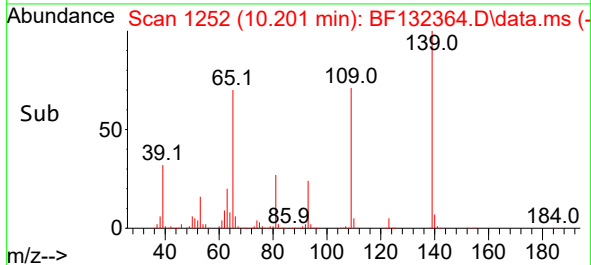
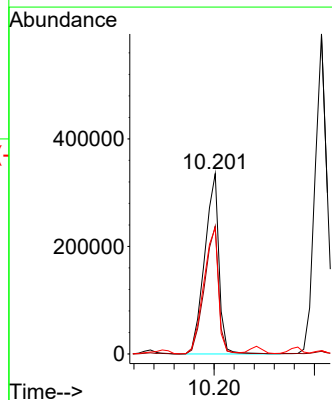
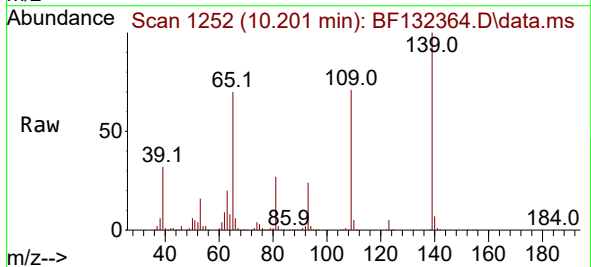
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

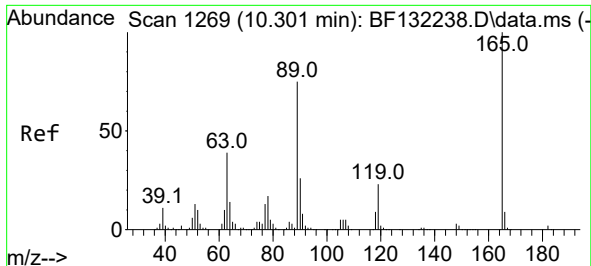
Tgt Ion:168 Resp: 1179954
Ion Ratio Lower Upper
168 100
139 42.3 34.2 51.4
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 77.953 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:139 Resp: 334361
Ion Ratio Lower Upper
139 100
109 70.9 43.3 83.3
65 70.0 52.3 92.3

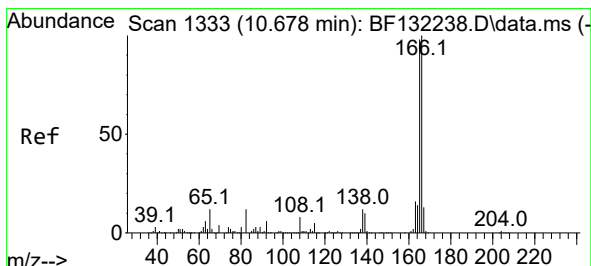
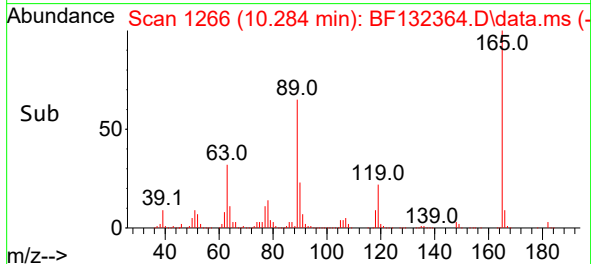
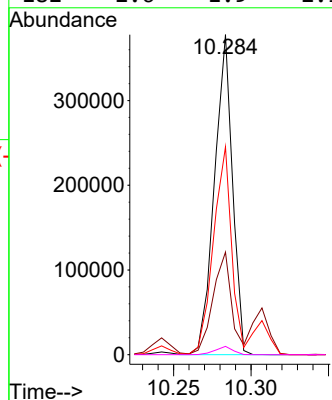
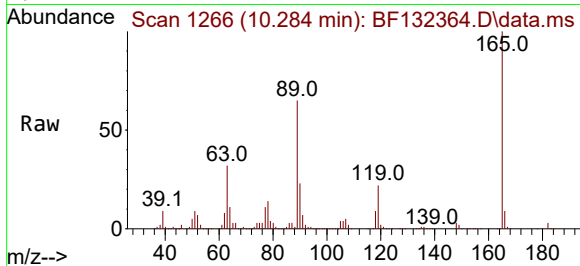




#57
2,4-Dinitrotoluene
Concen: 50.024 ng
RT: 10.284 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

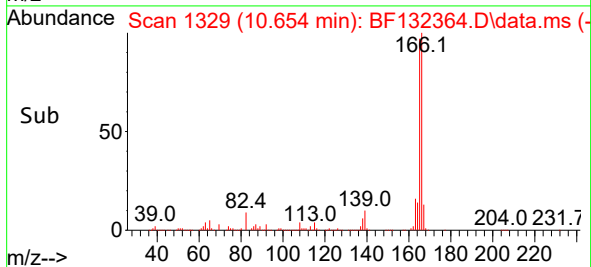
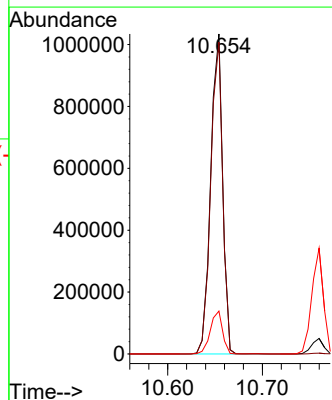
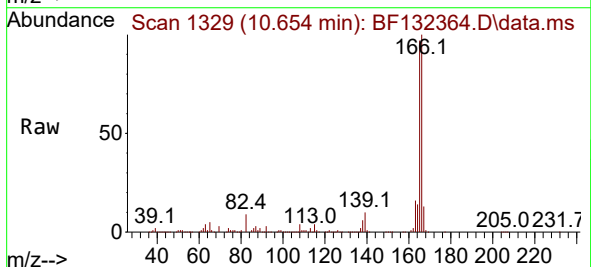
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

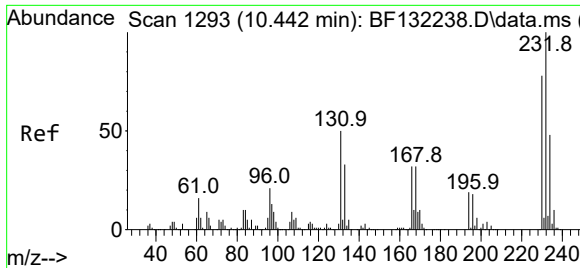
Tgt Ion:165 Resp: 305429
Ion Ratio Lower Upper
165 100
63 32.1 30.9 46.3
89 64.9 60.1 90.1
182 2.6 1.9 2.9



#58
Fluorene
Concen: 46.155 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:166 Resp: 900882
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.8 16.2

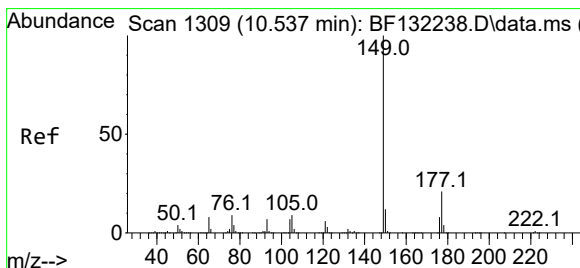
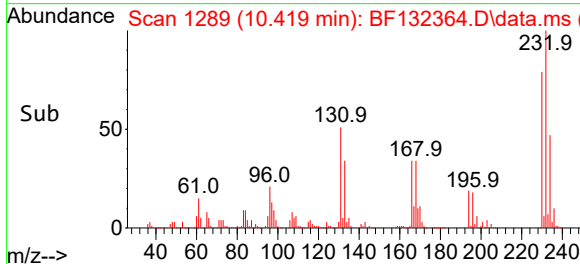
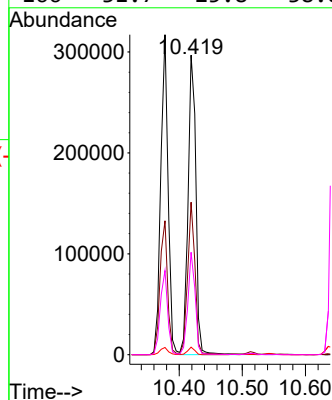
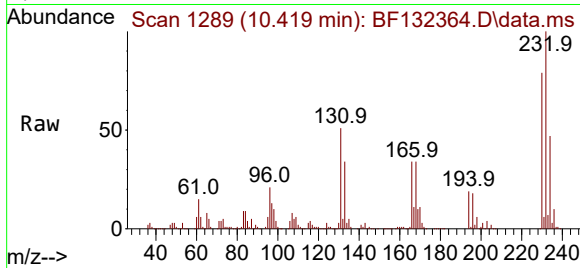




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.345 ng
RT: 10.419 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

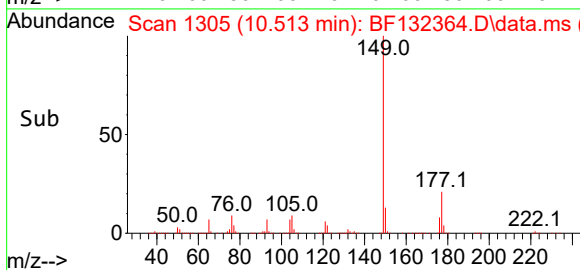
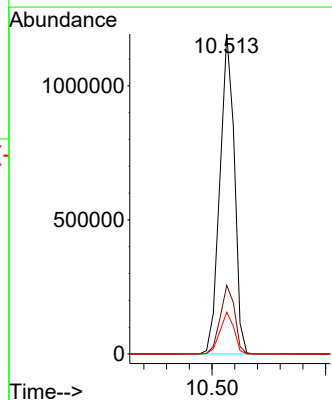
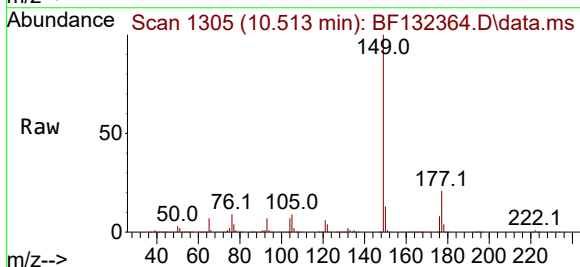
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

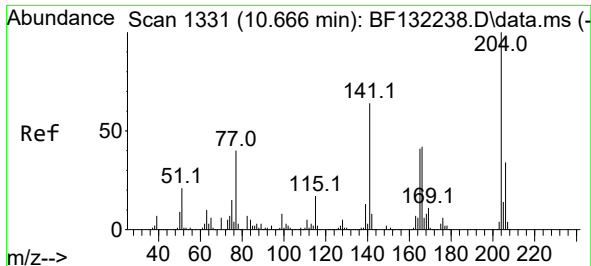
Tgt Ion:232 Resp: 255666
Ion Ratio Lower Upper
232 100
131 47.7 40.6 61.0
130 2.2 1.9 2.9
166 31.7 25.8 38.8



#60
Diethylphthalate
Concen: 50.419 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:149 Resp: 1055581
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 13.1 9.9 14.9

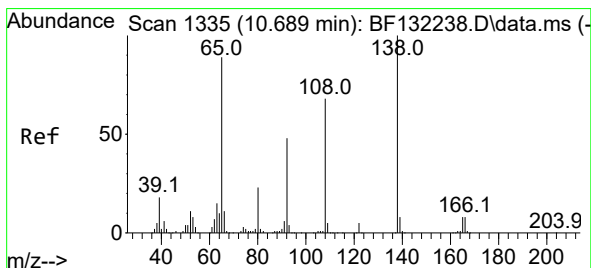
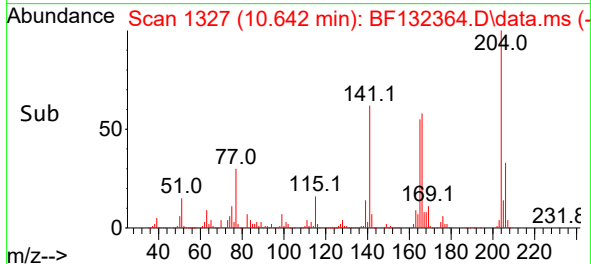
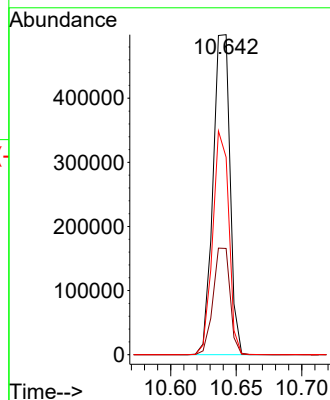
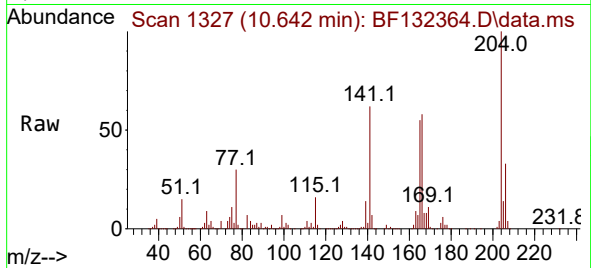




#61
4-Chlorophenyl-phenylether
Concen: 48.547 ng
RT: 10.642 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

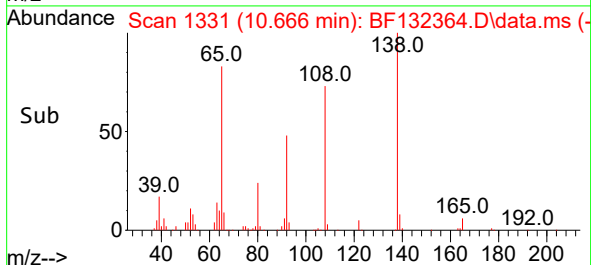
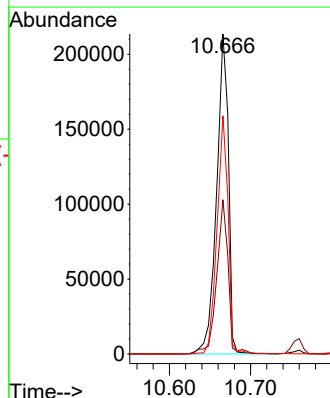
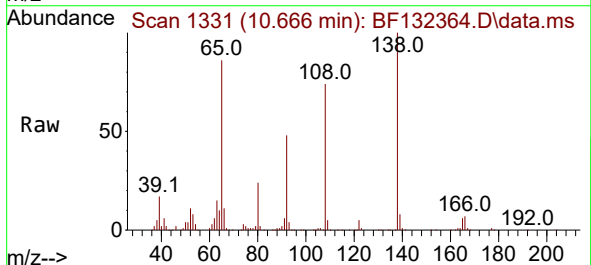
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

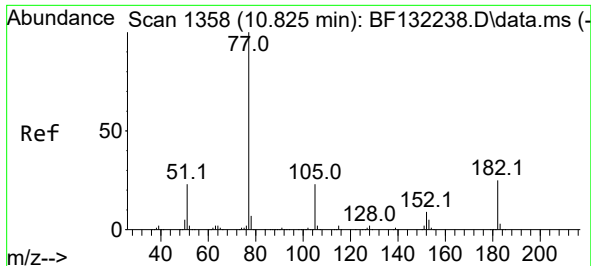
Tgt Ion:204 Resp: 449705
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 61.7 51.4 77.0



#62
4-Nitroaniline
Concen: 39.512 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:138 Resp: 215970
Ion Ratio Lower Upper
138 100
92 48.2 27.7 67.7
108 74.4 48.5 88.5

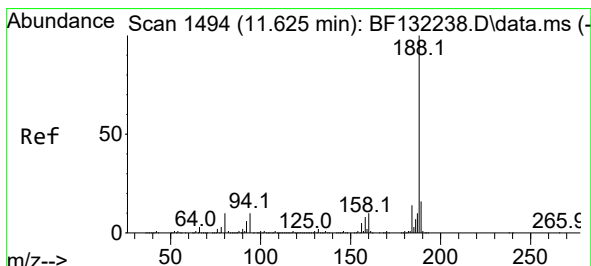
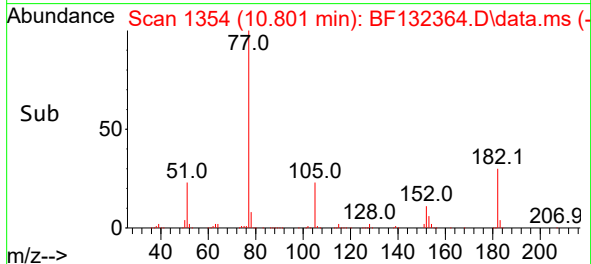
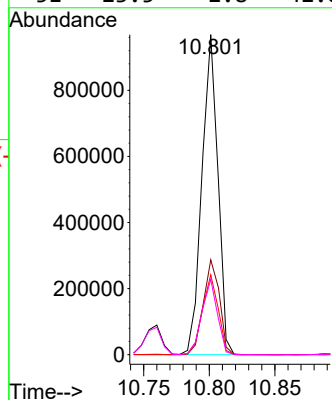
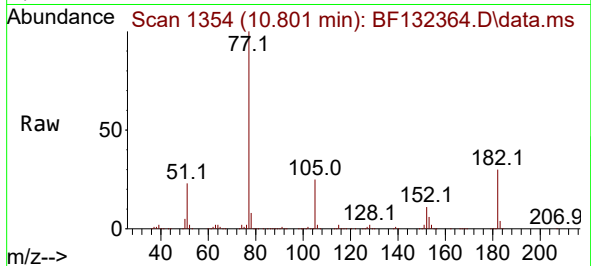




#63
Azobenzene
Concen: 40.240 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

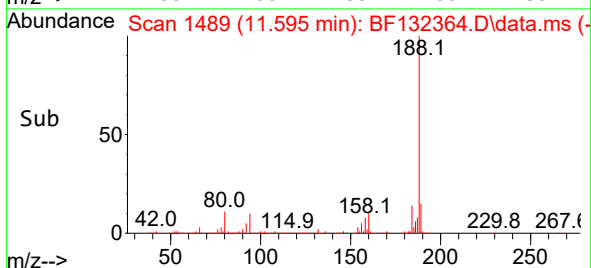
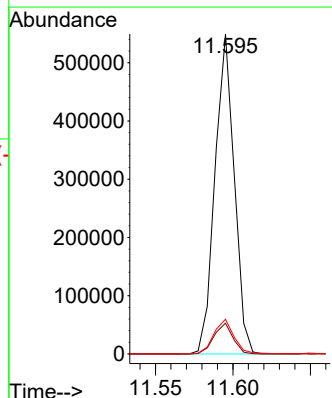
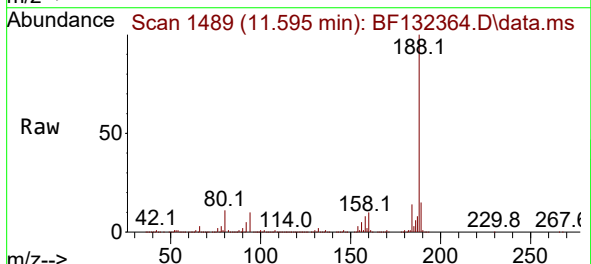
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

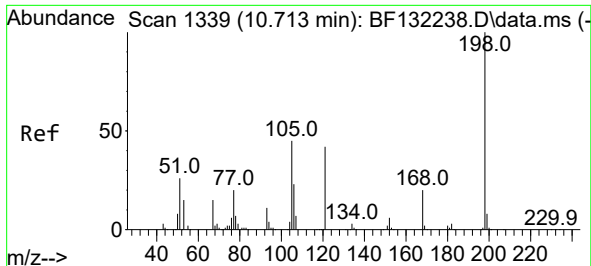
Tgt Ion:	77	Resp:	820620
Ion	Ratio	Lower	Upper
77	100		
182	29.6	4.5	44.5
105	24.9	2.7	42.7
51	23.5	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:	188	Resp:	475426
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.9	8.3	12.5

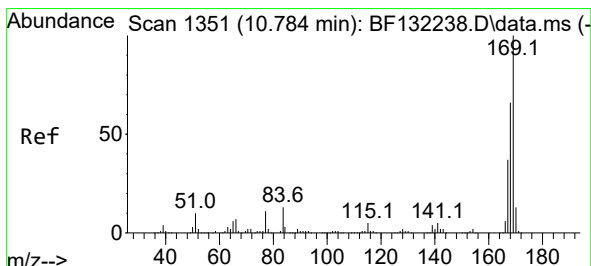
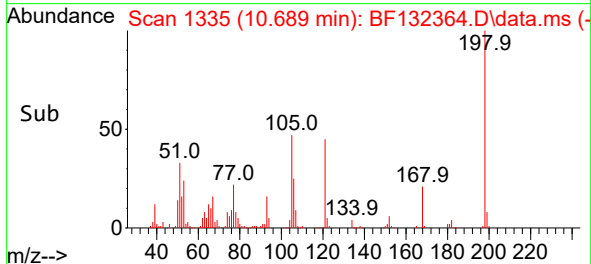
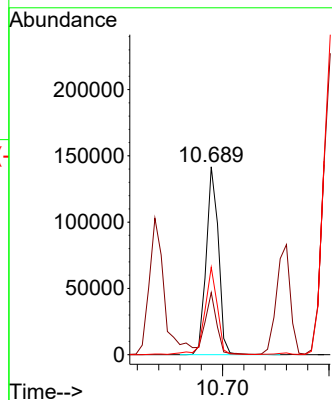
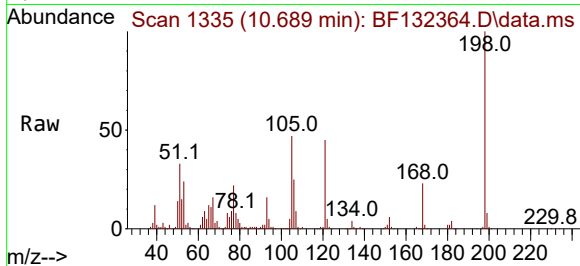




#65
4,6-Dinitro-2-methylphenol
Concen: 41.995 ng
RT: 10.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

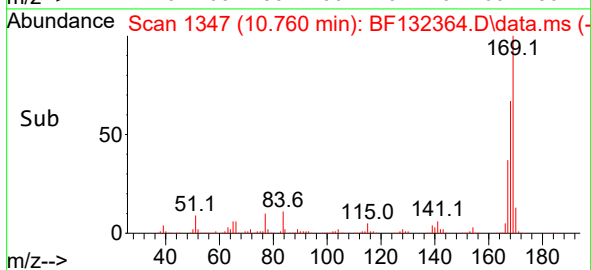
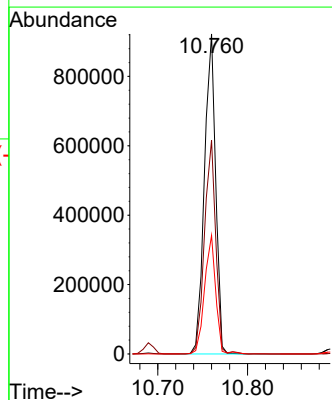
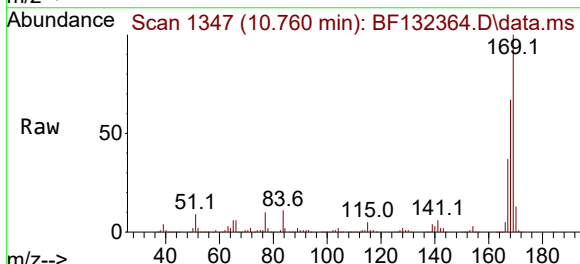
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

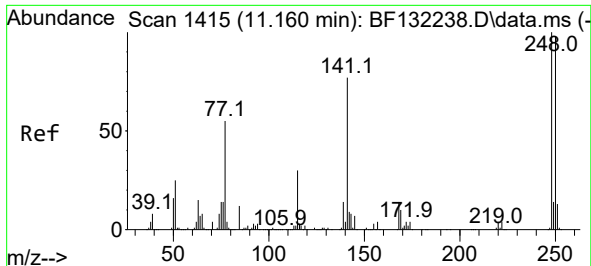
Tgt Ion:198 Resp: 113315
Ion Ratio Lower Upper
198 100
51 33.1 13.1 53.1
105 46.5 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 53.862 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:169 Resp: 801857
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 37.1 29.5 44.3

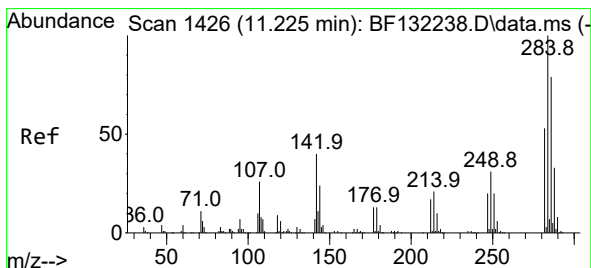
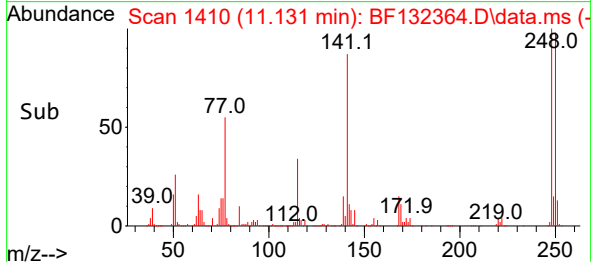
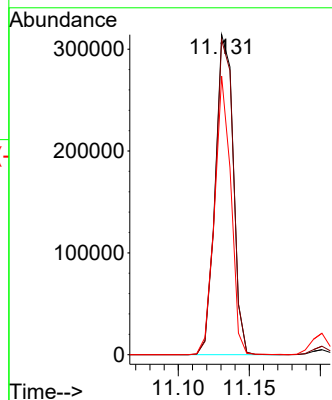
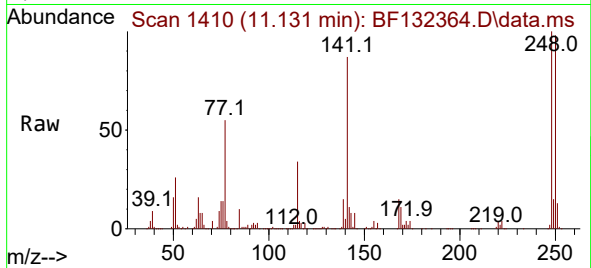




#67
4-Bromophenyl-phenylether
Concen: 56.951 ng
RT: 11.131 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

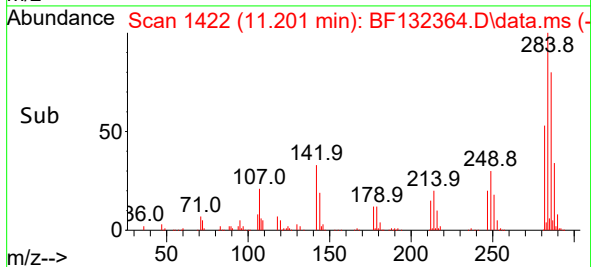
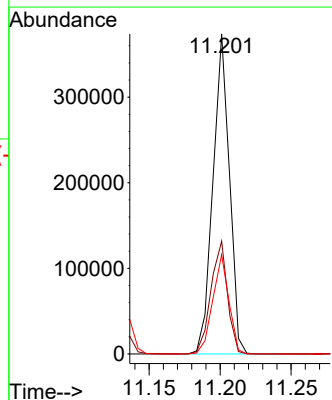
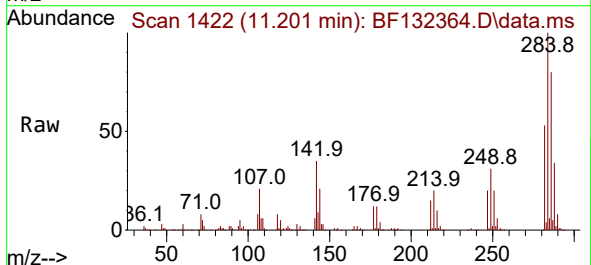
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

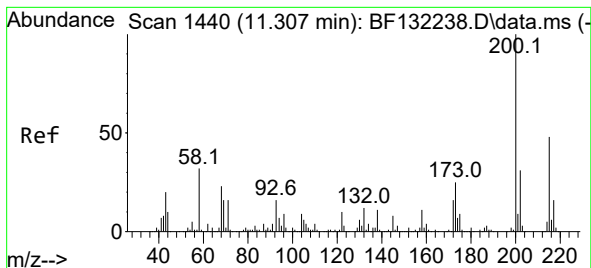
Tgt Ion:248 Resp: 277254
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 87.1 61.6 92.4



#68
Hexachlorobenzene
Concen: 57.933 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:284 Resp: 301453
Ion Ratio Lower Upper
284 100
142 35.2 32.2 48.4
249 31.0 25.0 37.6





#69

Atrazine

Concen: 56.778 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

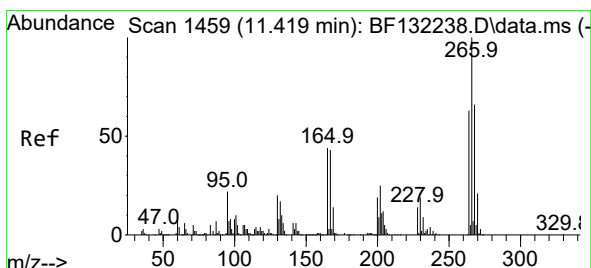
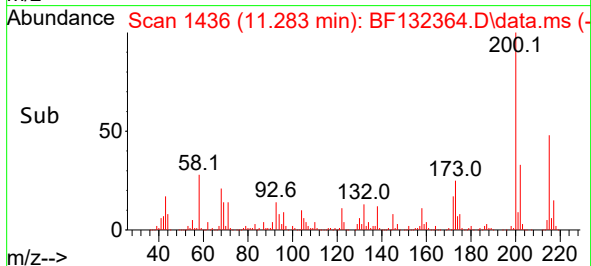
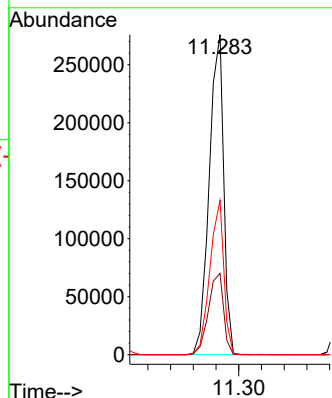
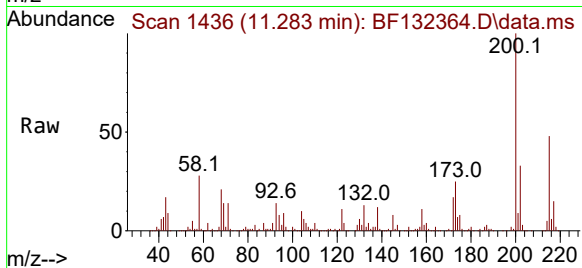
Tgt Ion:200 Resp: 243126

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

215 48.2 27.6 67.6



#70

Pentachlorophenol

Concen: 87.458 ng

RT: 11.395 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

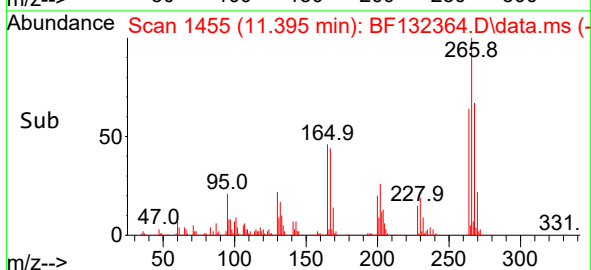
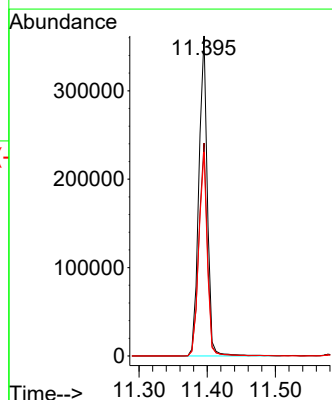
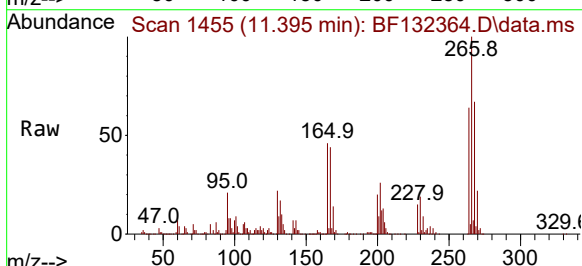
Tgt Ion:266 Resp: 312684

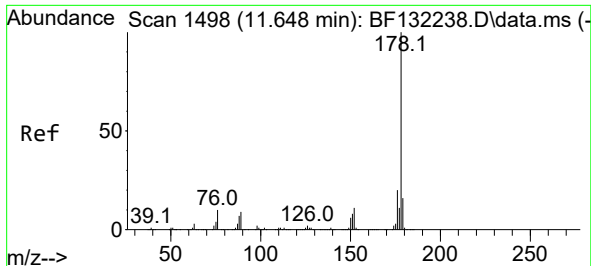
Ion Ratio Lower Upper

266 100

268 66.6 53.0 79.4

264 63.7 50.5 75.7

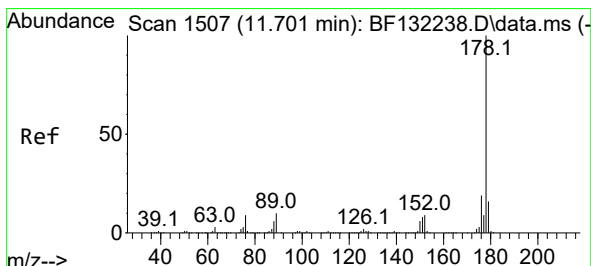
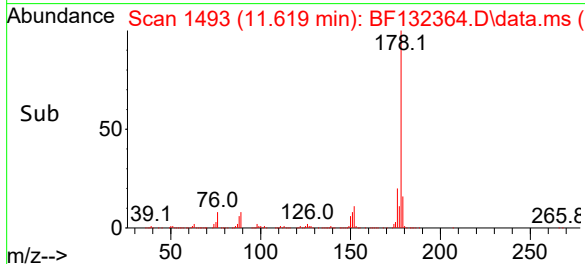
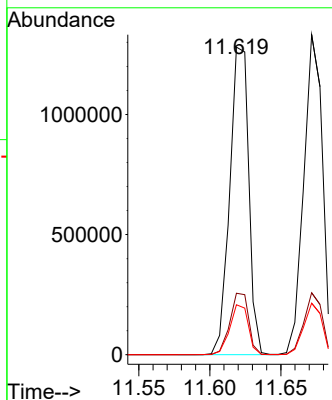
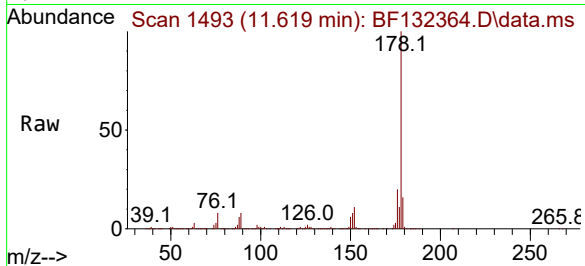




#71
Phenanthrene
Concen: 48.241 ng
RT: 11.619 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

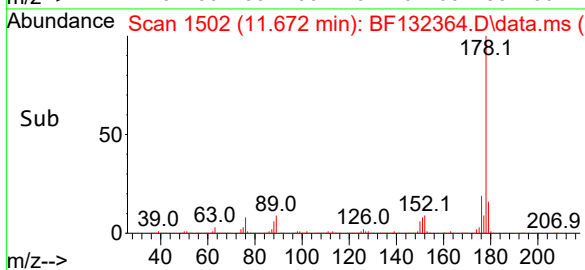
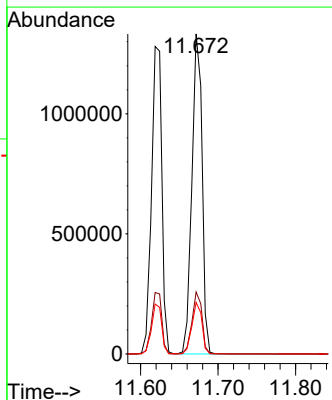
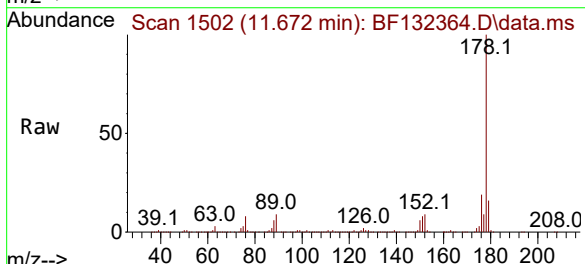
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

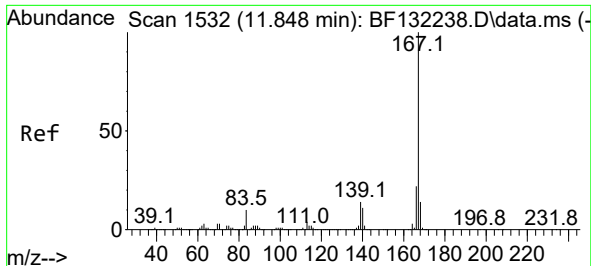
Tgt Ion:178 Resp: 1198486
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.2 12.8 19.2



#72
Anthracene
Concen: 48.215 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:178 Resp: 1219031
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.1 12.8 19.2

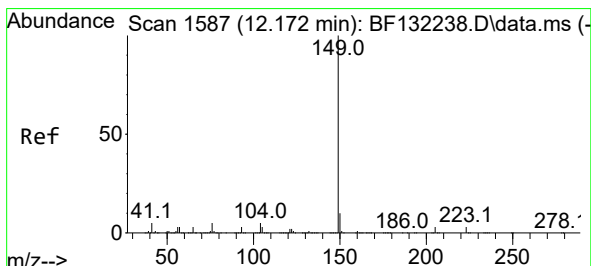
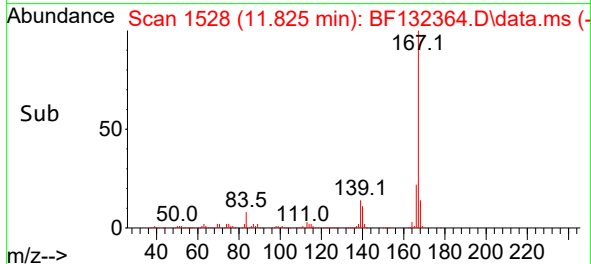
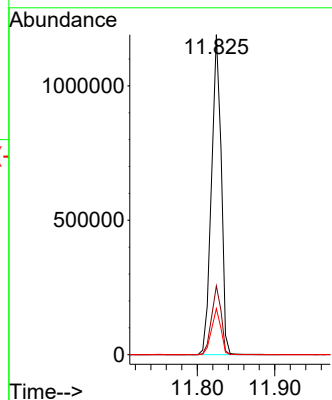
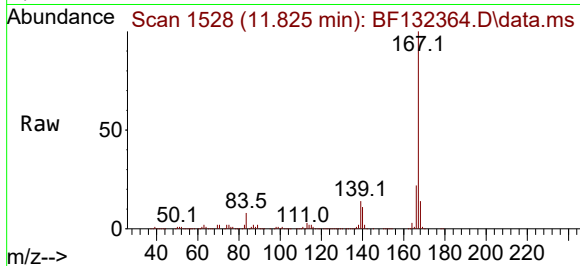




#73
 Carbazole
 Concen: 45.696 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

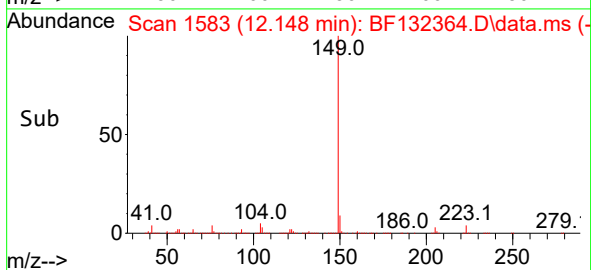
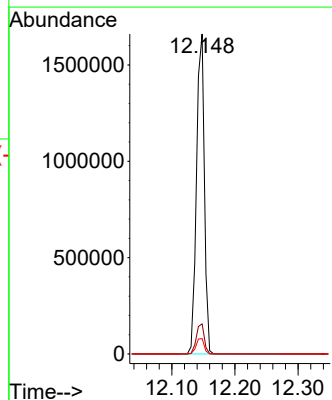
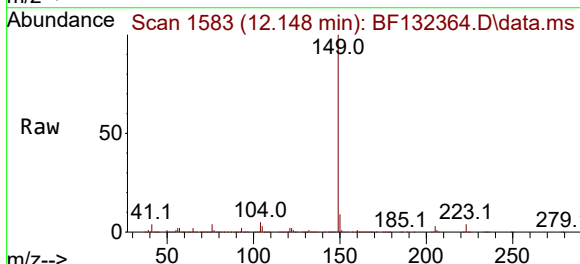
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MSD

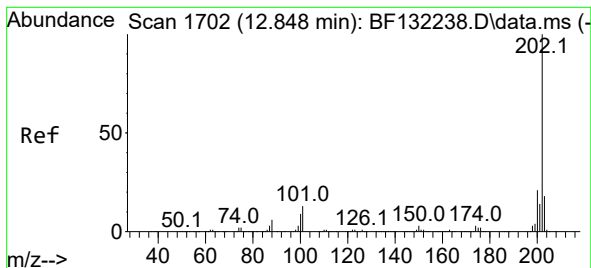
Tgt Ion:167 Resp: 1035932
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 14.4 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 53.432 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

Tgt Ion:149 Resp: 1432056
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 42.083 ng

RT: 12.819 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

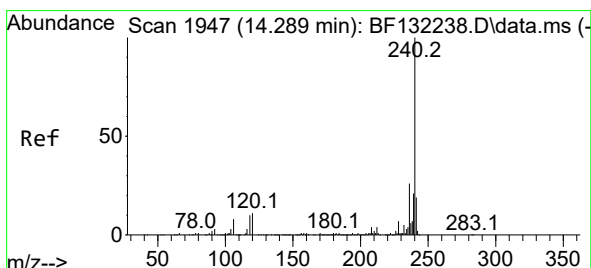
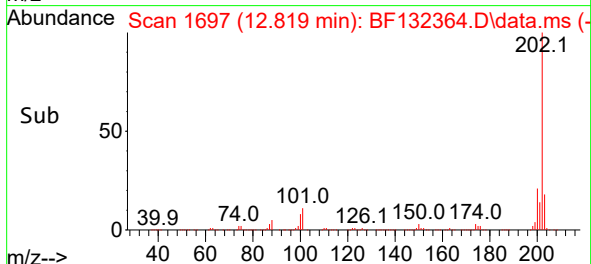
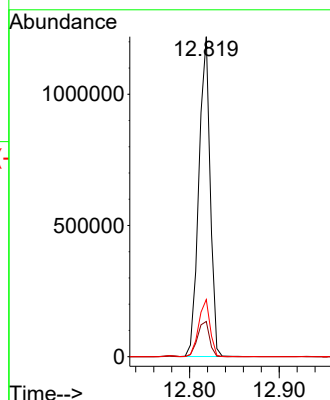
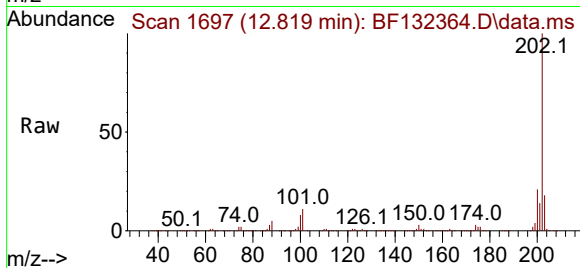
Tgt Ion:202 Resp: 1066915

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.7

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.254 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

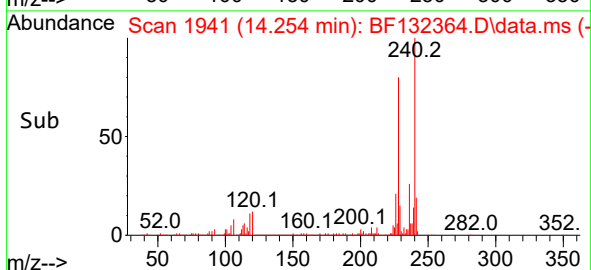
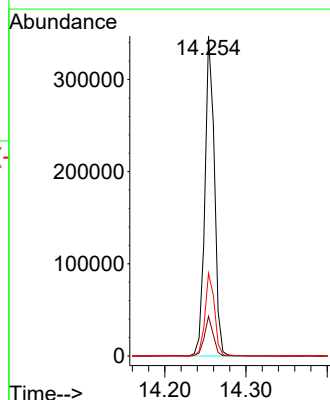
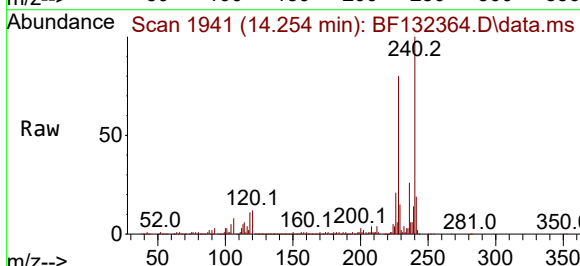
Tgt Ion:240 Resp: 281991

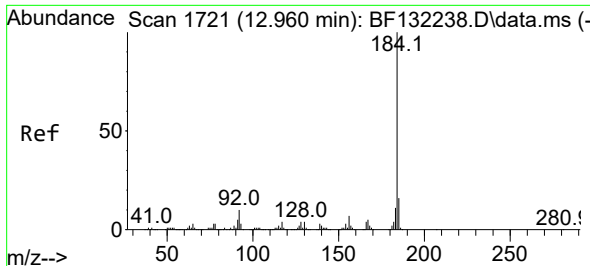
Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

236 25.9 21.0 31.6

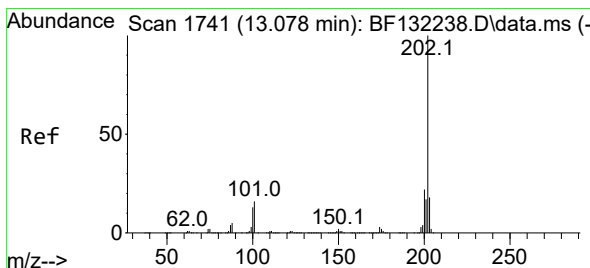
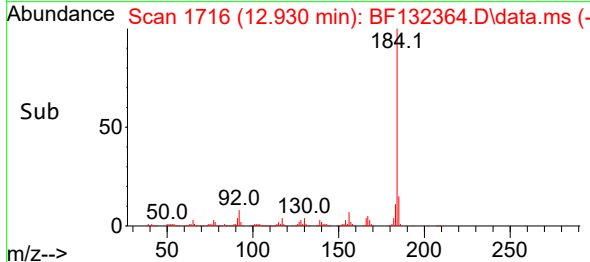
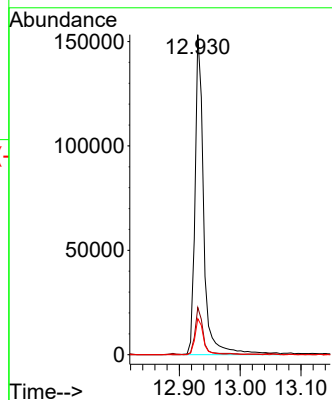
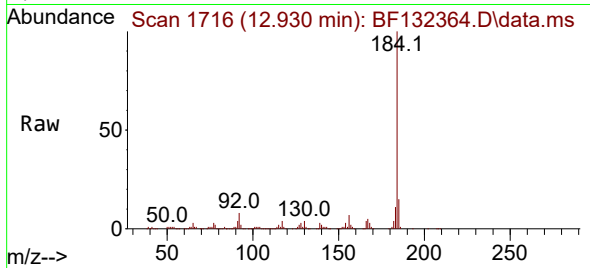




#77
Benzidine
Concen: 15.537 ng
RT: 12.930 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

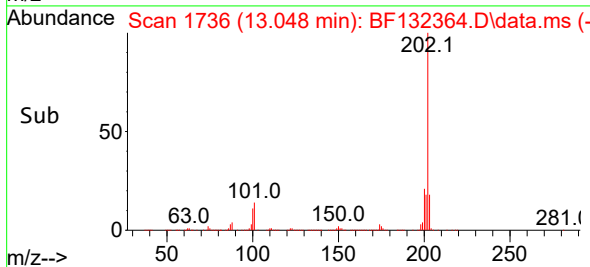
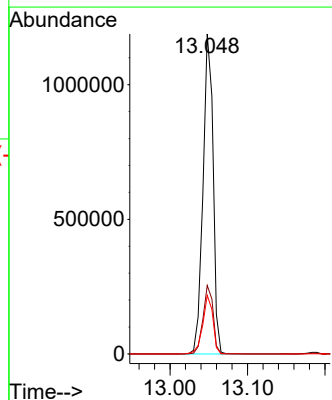
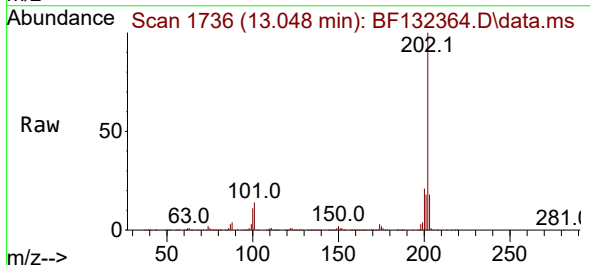
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

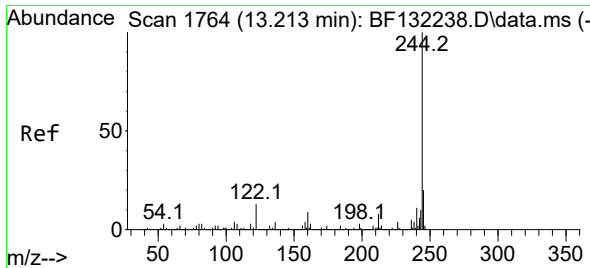
Tgt Ion:184 Resp: 153171
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.3 8.9 13.3



#78
Pyrene
Concen: 47.444 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:202 Resp: 1076074
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.3 14.4 21.6

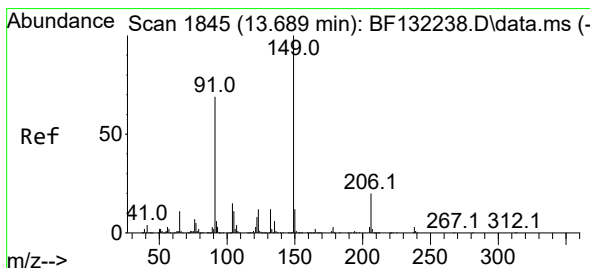
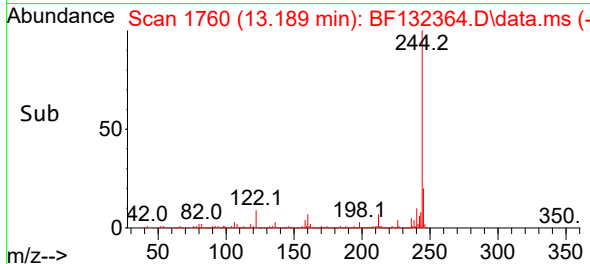
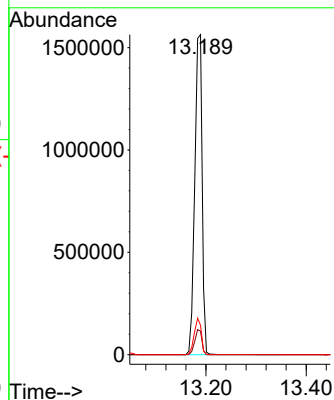
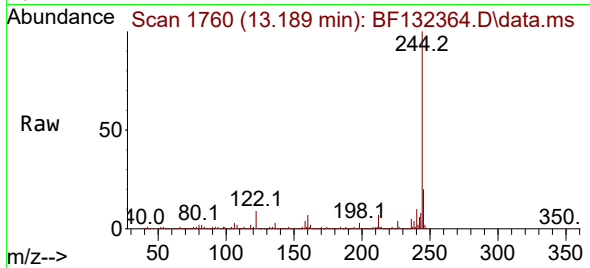




#79
 Terphenyl-d14
 Concen: 108.813 ng
 RT: 13.189 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

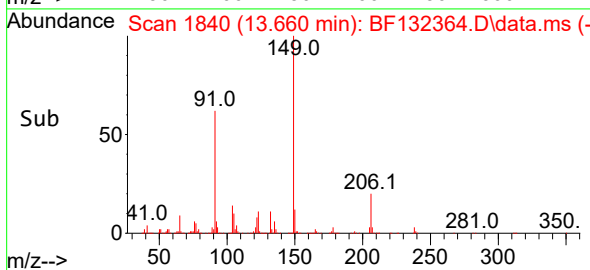
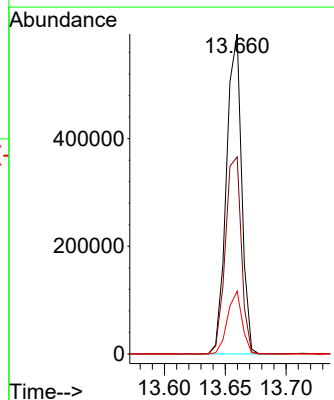
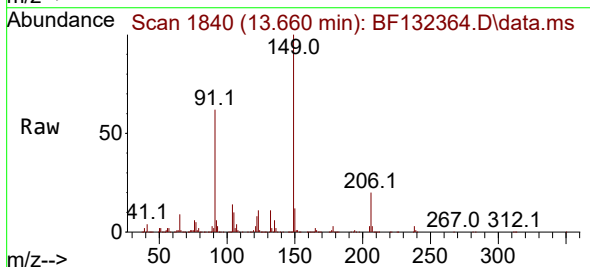
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MSD

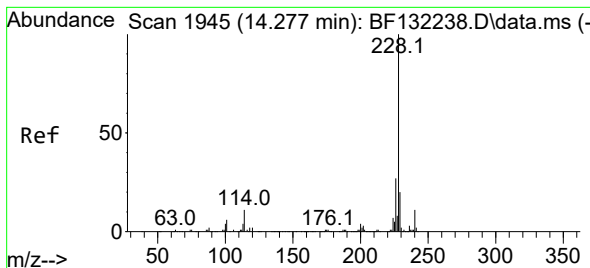
Tgt Ion:244 Resp: 1586233
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 9.2 10.5 15.7#



#80
 Butylbenzylphthalate
 Concen: 51.506 ng
 RT: 13.660 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF132364.D
 Acq: 08 Feb 2023 19:06

Tgt Ion:149 Resp: 516127
 Ion Ratio Lower Upper
 149 100
 91 61.6 55.0 82.6
 206 19.6 15.9 23.9





#81

Benzo(a)anthracene

Concen: 49.974 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

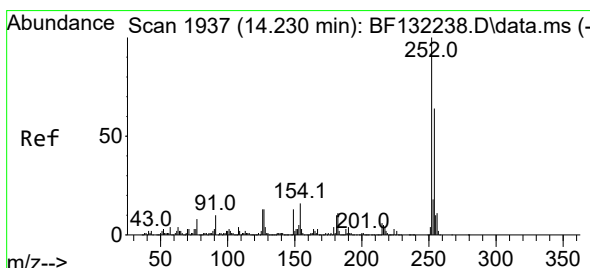
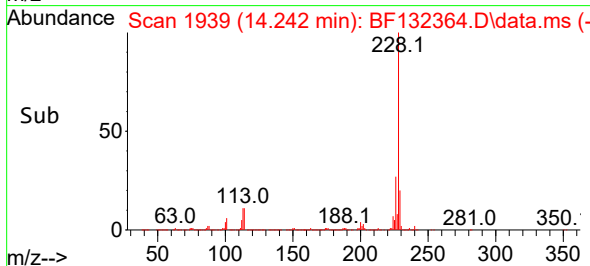
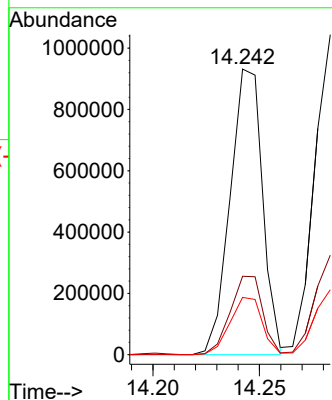
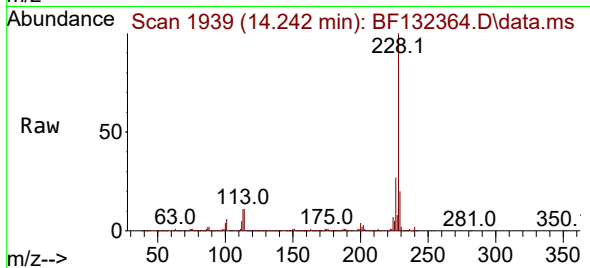
Tgt Ion:228 Resp: 985638

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.101 ng

RT: 14.201 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

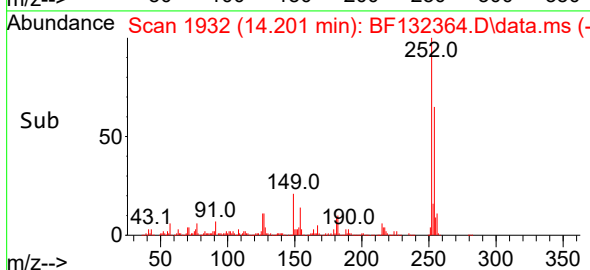
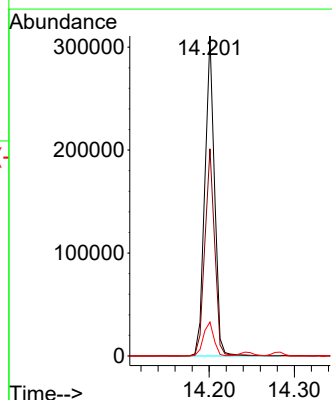
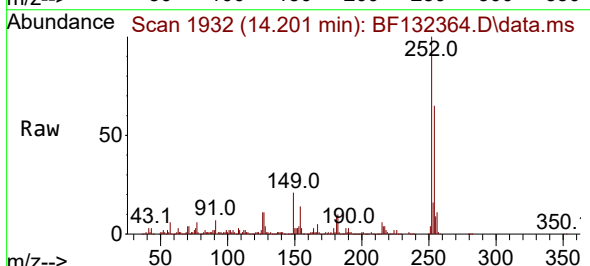
Tgt Ion:252 Resp: 245623

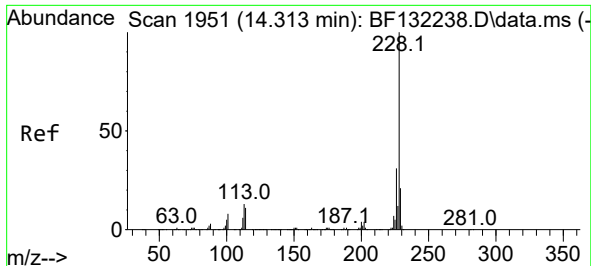
Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

126 10.6 10.5 15.7

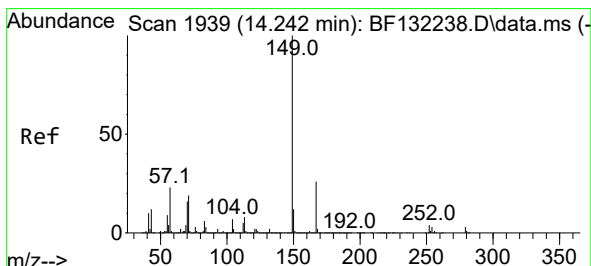
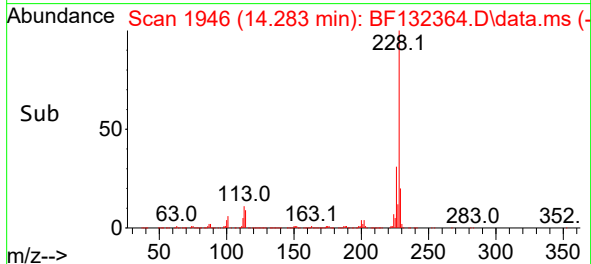
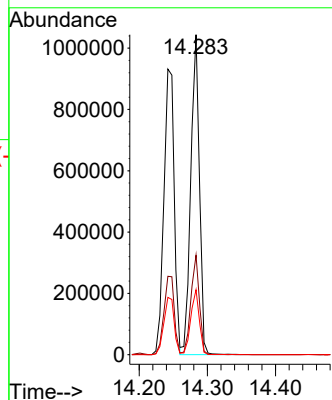
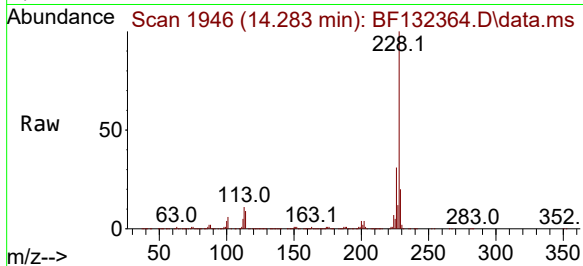




#83
Chrysene
Concen: 49.477 ng
RT: 14.283 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

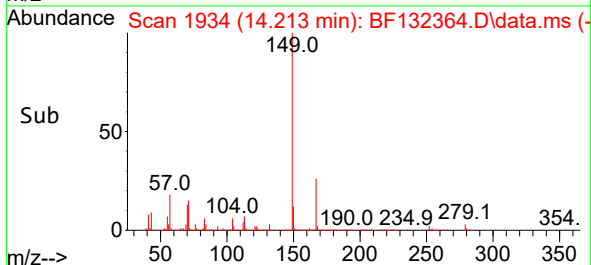
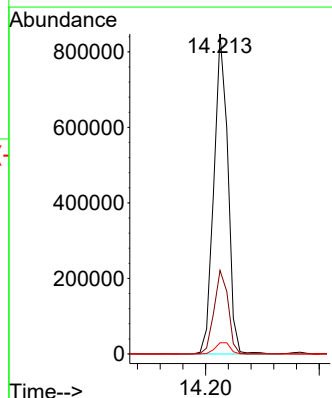
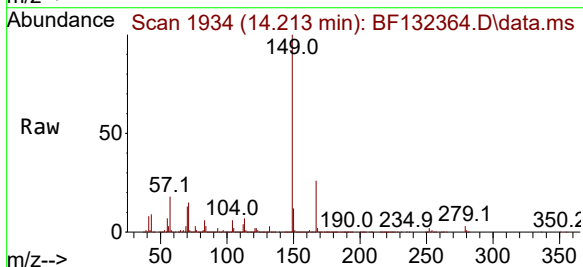
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

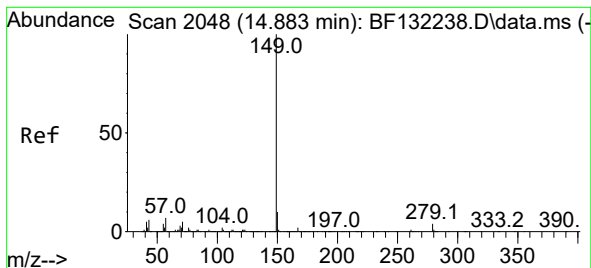
Tgt Ion:228 Resp: 913752
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.3 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.307 ng
RT: 14.213 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:149 Resp: 722027
Ion Ratio Lower Upper
149 100
167 26.1 20.7 31.1
279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 53.953 ng

RT: 14.848 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

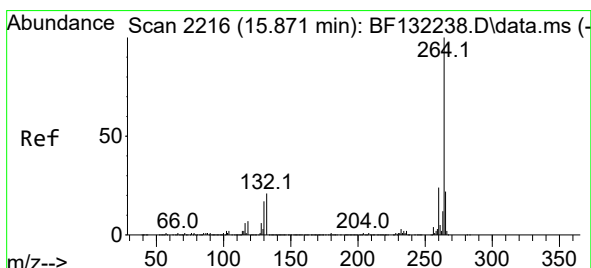
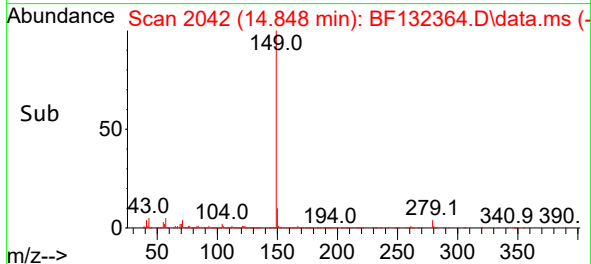
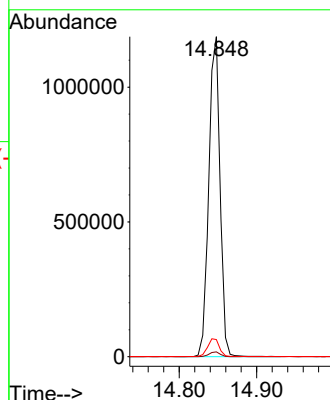
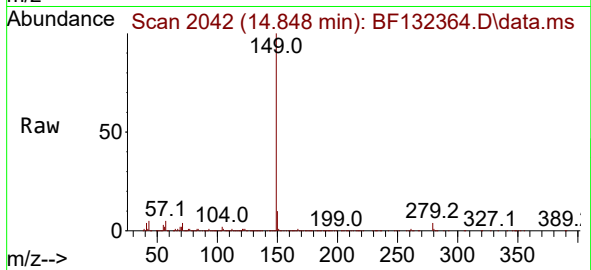
Tgt Ion:149 Resp: 1191931

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.8 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

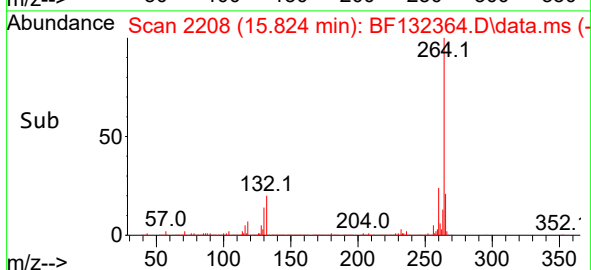
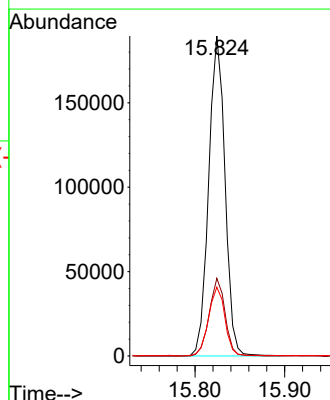
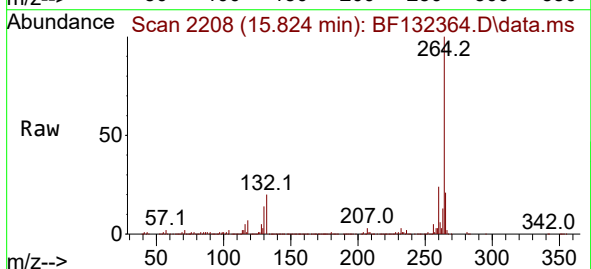
Tgt Ion:264 Resp: 239288

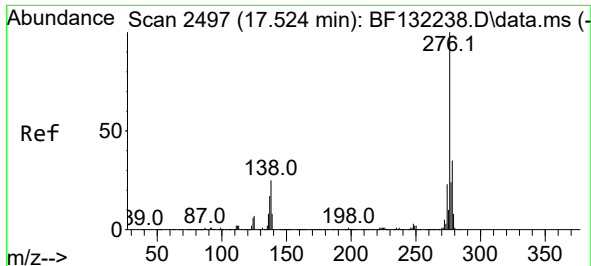
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.5 17.4 26.2

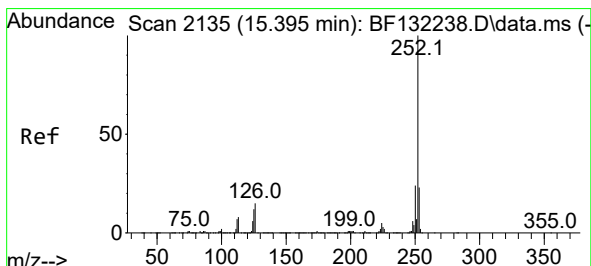
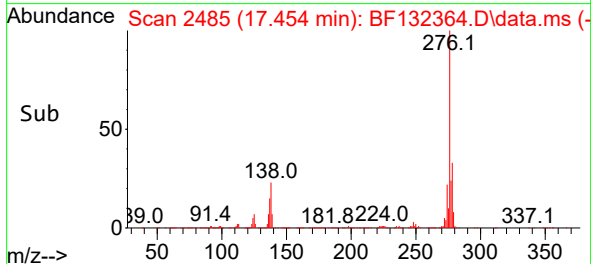
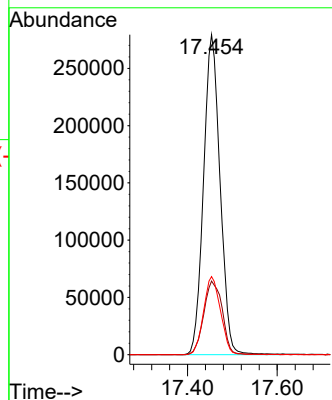
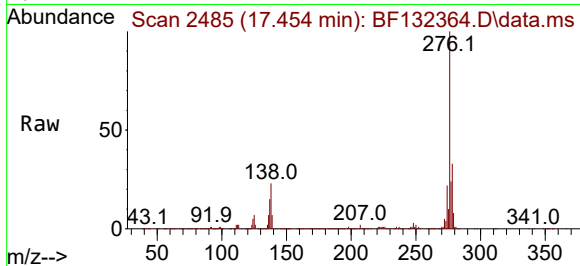




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.875 ng
RT: 17.454 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

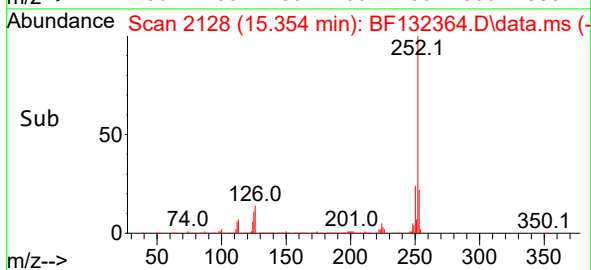
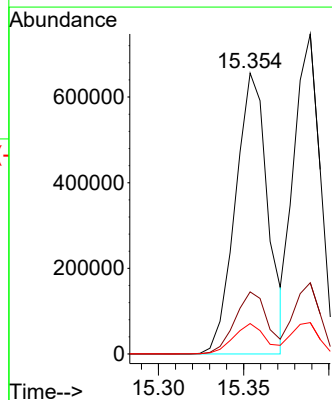
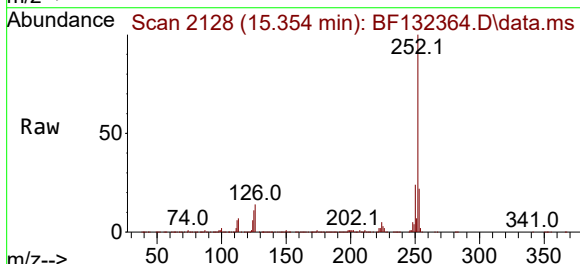
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

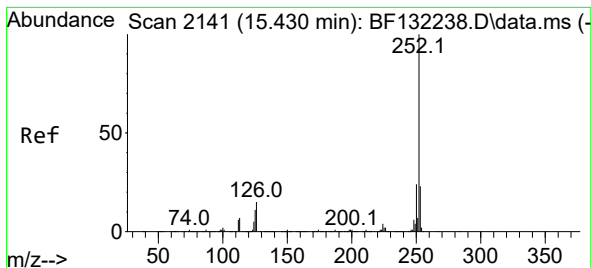
Tgt Ion:276 Resp: 713497
Ion Ratio Lower Upper
276 100
138 25.8 23.3 34.9
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 57.232 ng
RT: 15.354 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF132364.D
Acq: 08 Feb 2023 19:06

Tgt Ion:252 Resp: 870508
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 55.599 ng

RT: 15.389 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

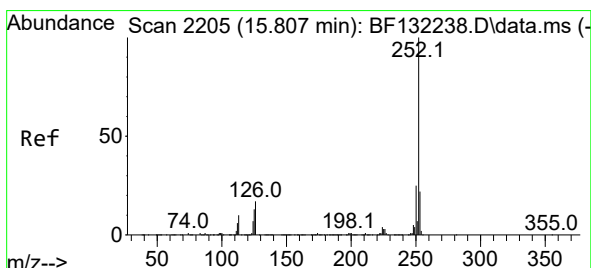
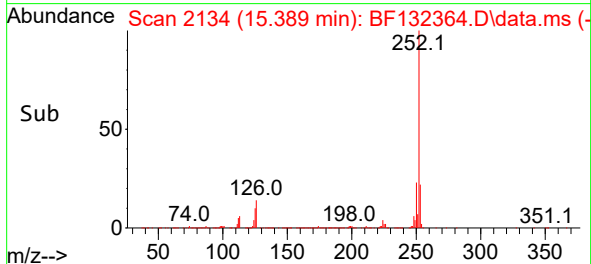
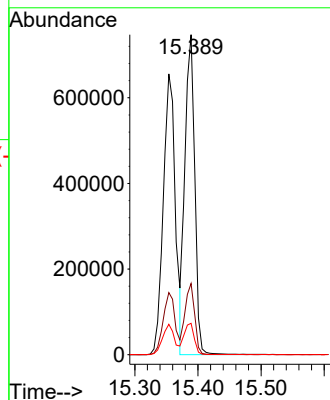
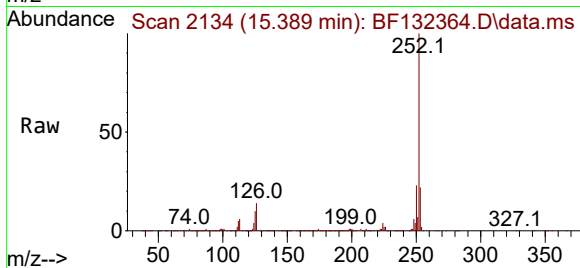
Tgt Ion:252 Resp: 807217

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.8 9.0 13.6



#90

Benzo(a)pyrene

Concen: 47.919 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

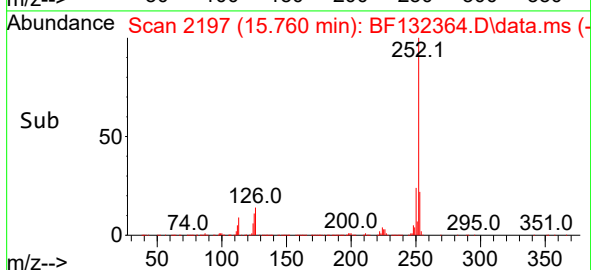
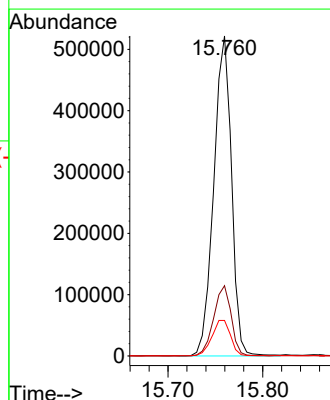
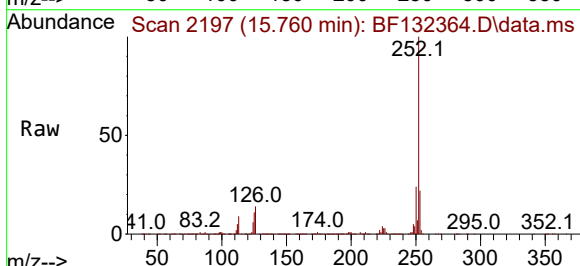
Tgt Ion:252 Resp: 678713

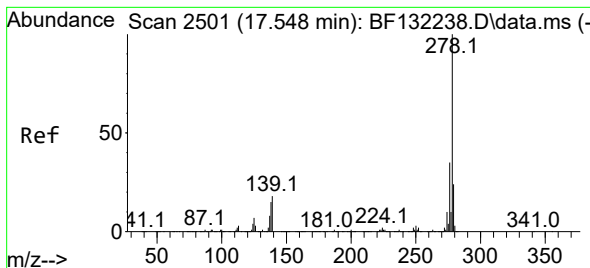
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 46.790 ng

RT: 17.471 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MSD

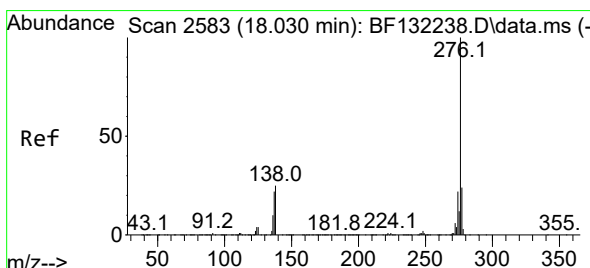
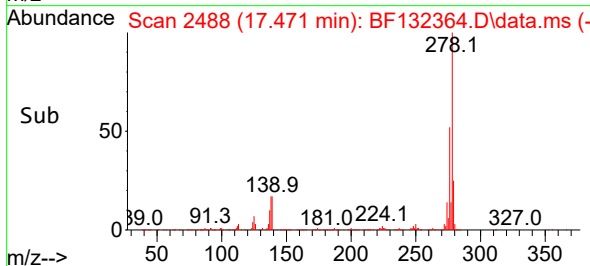
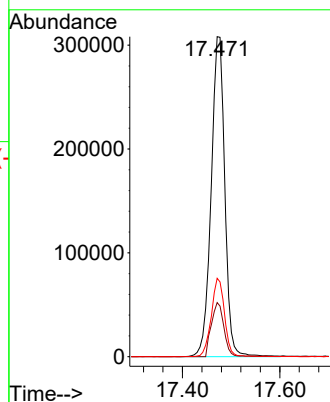
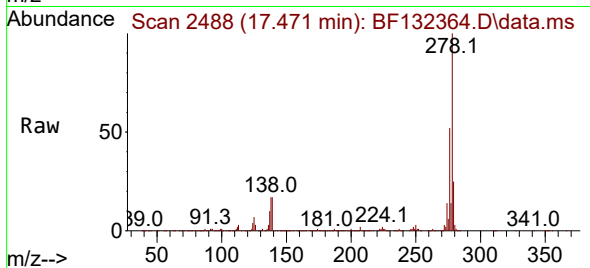
Tgt Ion:278 Resp: 598132

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.2

279 24.5 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 42.750 ng

RT: 17.954 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BF132364.D

Acq: 08 Feb 2023 19:06

Tgt Ion:276 Resp: 564570

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 21.0 20.3 30.5

