

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132219.D
 Acq On : 30 Jan 2023 19:40
 Operator : CG\JU
 Sample : 01243-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-011923-B4-20-30MSD

Quant Time: Jan 31 00:32:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	213237	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	789439	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	421759	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	803294	20.000	ng	0.00
76) Chrysene-d12	14.295	240	415373	20.000	ng	0.00
86) Perylene-d12	15.877	264	419062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1405747	109.686	ng	0.02
7) Phenol-d6	6.695	99	1802824	112.188	ng	0.00
23) Nitrobenzene-d5	7.648	82	1092522	72.452	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	511763	131.039	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	1877973	65.519	ng	0.00
79) Terphenyl-d14	13.224	244	1940428	73.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.102	88	267774	41.512	ng	97
3) Pyridine	3.831	79	686290	38.738	ng	97
4) n-Nitrosodimethylamine	3.796	42	244759	41.279	ng	88
6) Aniline	6.742	93	699602	31.090	ng	98
8) 2-Chlorophenol	6.866	128	667563	51.948	ng	95
9) Benzaldehyde	6.631	77	303494	28.126	ng	96
10) Phenol	6.713	94	812759	48.584	ng	93
11) bis(2-Chloroethyl)ether	6.813	93	664200	46.027	ng	95
12) 1,3-Dichlorobenzene	7.025	146	702947	49.205	ng	98
13) 1,4-Dichlorobenzene	7.101	146	702415	49.319	ng	99
14) 1,2-Dichlorobenzene	7.254	146	678086	51.252	ng	97
15) Benzyl Alcohol	7.219	79	563182	47.695	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	713464	43.537	ng	96
17) 2-Methylphenol	7.319	107	541167	46.316	ng	99
18) Hexachloroethane	7.595	117	264279	50.500	ng	97
19) n-Nitroso-di-n-propyla...	7.489	70	426789	44.126	ng	96
20) 3+4-Methylphenols	7.472	107	687731	46.832	ng	91
22) Acetophenone	7.489	105	874574	45.310	ng	97
24) Nitrobenzene	7.666	77	684063	43.878	ng	95
25) Isophorone	7.901	82	1315750	45.371	ng	98
26) 2-Nitrophenol	7.978	139	329251	51.776	ng	97
27) 2,4-Dimethylphenol	8.007	122	583630	48.126	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	810589	45.400	ng	100
29) 2,4-Dichlorophenol	8.219	162	566309	50.012	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	623897	47.961	ng	99
31) Naphthalene	8.395	128	1764090	45.163	ng	100
32) Benzoic acid	8.142	122	39826	11.452	ng	97
33) 4-Chloroaniline	8.431	127	248636	14.683	ng	97
34) Hexachlorobutadiene	8.501	225	378306	46.555	ng	98
35) Caprolactam	8.848	113	52139	16.262	ng	91
36) 4-Chloro-3-methylphenol	8.907	107	581649	50.161	ng	100
37) 2-Methylnaphthalene	9.083	142	1201513	44.832	ng	100
38) 1-Methylnaphthalene	9.183	142	1127339	45.345	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	643187	45.441	ng	99
41) Hexachlorocyclopentadiene	9.236	237	771400	107.297	ng	98
43) 2,4,6-Trichlorophenol	9.354	196	439293	50.865	ng	99

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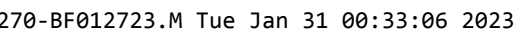
Instrument :
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 ClientSampleId :
 TJRC-011923-B4-20-30MSD

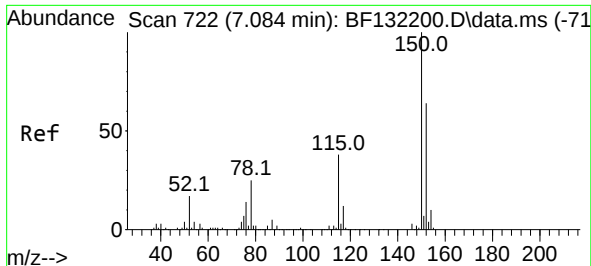
Quant Time: Jan 31 00:32:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	474546	46.920	ng	98
46) 1,1'-Biphenyl	9.548	154	1476863	45.438	ng	99
47) 2-Chloronaphthalene	9.578	162	1167642	46.285	ng	100
48) 2-Nitroaniline	9.666	65	332441	49.069	ng	91
49) Acenaphthylene	9.995	152	1812077	46.232	ng	99
50) Dimethylphthalate	9.848	163	1374888	48.034	ng	99
51) 2,6-Dinitrotoluene	9.907	165	319329	52.514	ng	92
52) Acenaphthene	10.172	154	1099834	45.639	ng	99
53) 3-Nitroaniline	10.078	138	216682	32.202	ng	96
54) 2,4-Dinitrophenol	10.178	184	109805	38.874	ng	# 1
55) Dibenzofuran	10.342	168	1650052	45.704	ng	100
56) 4-Nitrophenol	10.230	139	490813	100.959	ng	98
57) 2,4-Dinitrotoluene	10.319	165	413958	55.296	ng	# 82
58) Fluorene	10.689	166	1279266	46.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.454	232	382546	53.232	ng	97
60) Diethylphthalate	10.548	149	1359887	48.739	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	683186	46.964	ng	100
62) 4-Nitroaniline	10.701	138	307695	48.736	ng	96
63) Azobenzene	10.836	77	1475955	50.125	ng	96
65) 4,6-Dinitro-2-methylph...	10.725	198	112024	29.285	ng	88
66) n-Nitrosodiphenylamine	10.795	169	1138461	45.131	ng	100
67) 4-Bromophenyl-phenylether	11.172	248	443357	47.942	ng	98
68) Hexachlorobenzene	11.236	284	472650	51.581	ng	97
69) Atrazine	11.319	200	404960	55.933	ng	100
70) Pentachlorophenol	11.430	266	435301	71.973	ng	97
71) Phenanthrene	11.660	178	1867060	45.688	ng	99
72) Anthracene	11.713	178	1897007	45.587	ng	100
73) Carbazole	11.860	167	1684063	47.109	ng	100
74) Di-n-butylphthalate	12.183	149	2054235	50.511	ng	100
75) Fluoranthene	12.854	202	1916320	46.088	ng	99
77) Benzidine	12.966	184	320763	29.585	ng	99
78) Pyrene	13.089	202	1928368	49.549	ng	100
80) Butylbenzylphthalate	13.695	149	718309	54.618	ng	95
81) Benzo(a)anthracene	14.283	228	1387477	47.508	ng	99
82) 3,3'-Dichlorobenzidine	14.236	252	238901	30.186	ng	98
83) Chrysene	14.318	228	1288252	47.333	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	986698	58.073	ng	# 98
85) Di-n-octyl phthalate	14.889	149	1328556	52.428	ng	97
87) Indeno(1,2,3-cd)pyrene	17.542	276	1469198	53.027	ng	99
88) Benzo(b)fluoranthene	15.407	252	1288923	50.079	ng	99
89) Benzo(k)fluoranthene	15.436	252	1285015	48.387	ng	99
90) Benzo(a)pyrene	15.812	252	1149848	47.338	ng	99
91) Dibenzo(a,h)anthracene	17.559	278	1201668	53.047	ng	99
92) Benzo(g,h,i)perylene	18.048	276	1185984	51.349	ng	99

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

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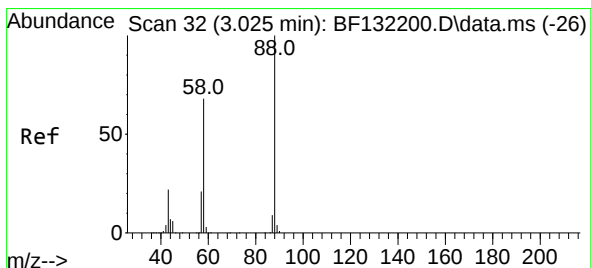
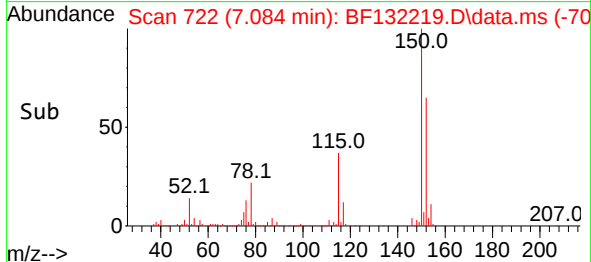
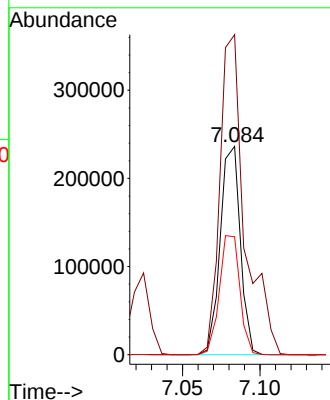
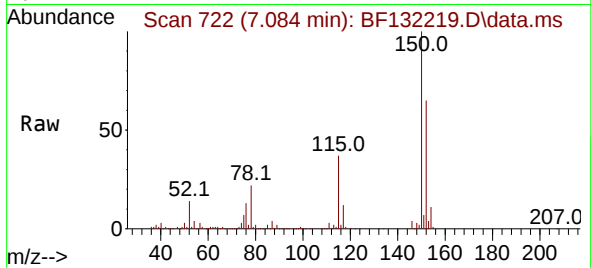




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.084 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132219.D
 Acq: 30 Jan 2023 19:40

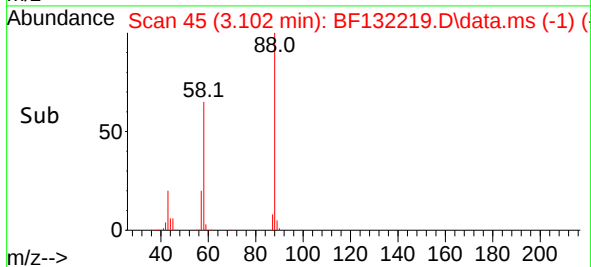
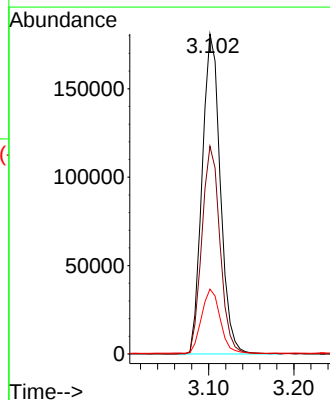
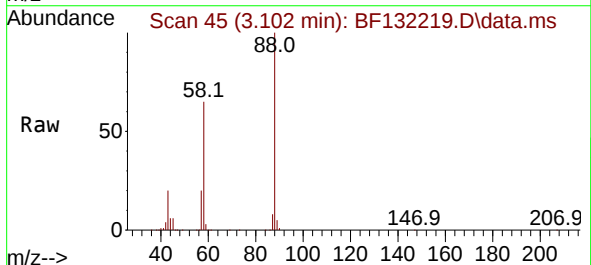
Instrument :
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 TJRC-011923-B4-20-30MSD

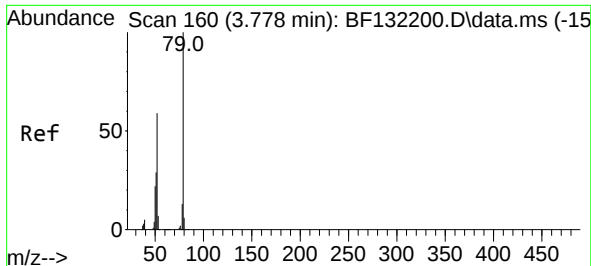
Tgt Ion:152 Resp: 213237
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.5 186.7
 115 56.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 41.512 ng
 RT: 3.102 min Scan# 45
 Delta R.T. 0.076 min
 Lab File: BF132219.D
 Acq: 30 Jan 2023 19:40

Tgt Ion: 88 Resp: 267774
 Ion Ratio Lower Upper
 88 100
 58 65.0 54.1 81.1
 43 20.7 18.0 27.0

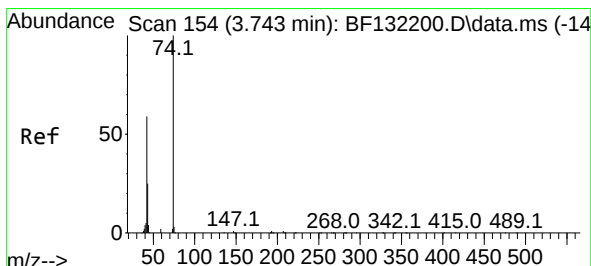
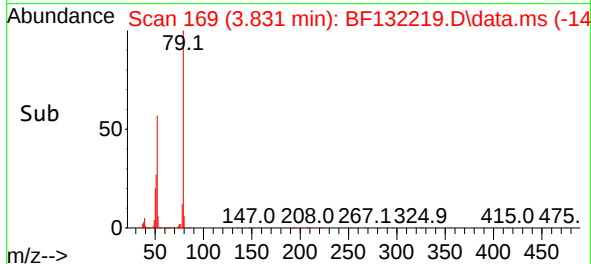
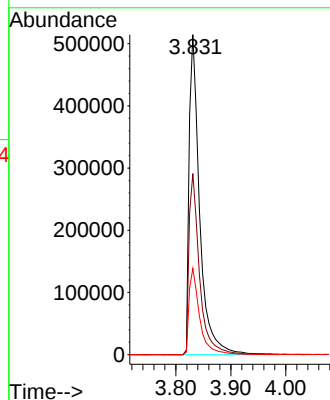
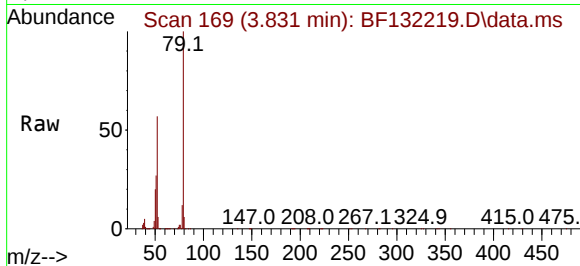




#3
Pyridine
Concen: 38.738 ng
RT: 3.831 min Scan# 169
Delta R.T. 0.053 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

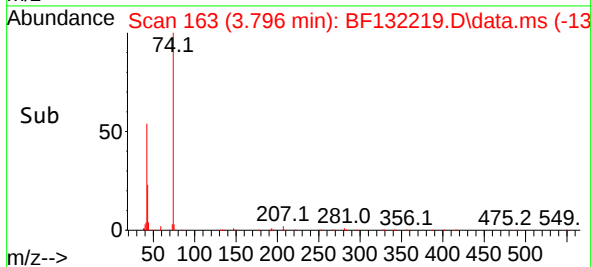
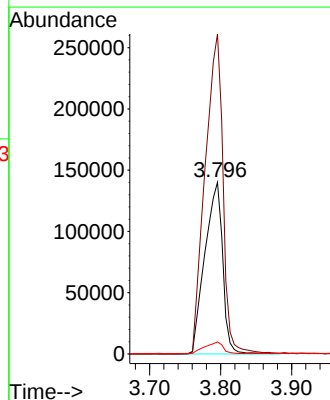
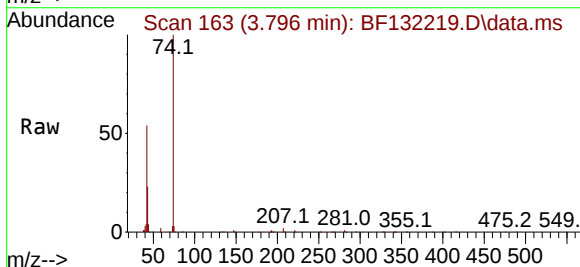
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

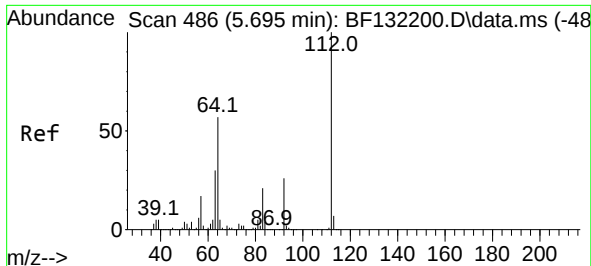
Tgt Ion: 79 Resp: 686290
Ion Ratio Lower Upper
79 100
52 56.6 46.8 70.2
51 27.0 23.0 34.6



#4
n-Nitrosodimethylamine
Concen: 41.279 ng
RT: 3.796 min Scan# 163
Delta R.T. 0.053 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 42 Resp: 244759
Ion Ratio Lower Upper
42 100
74 186.4 135.3 202.9
44 7.0 5.1 7.7

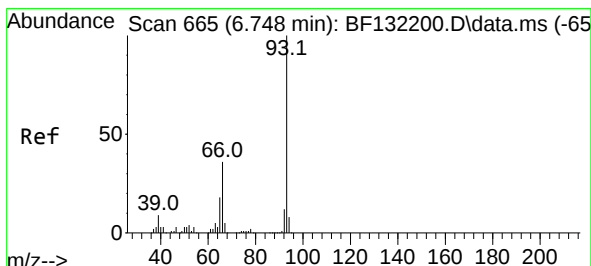
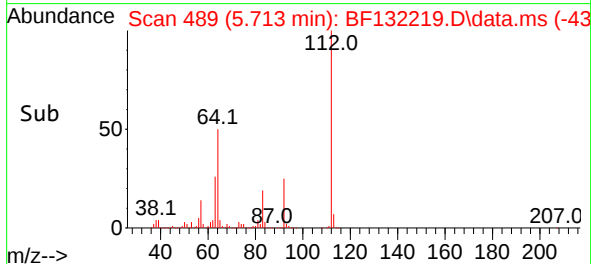
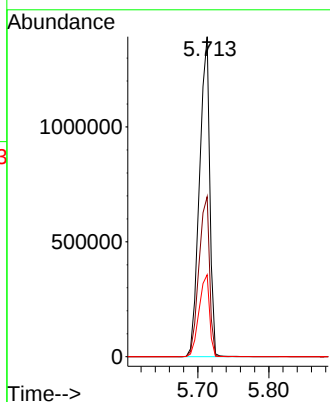
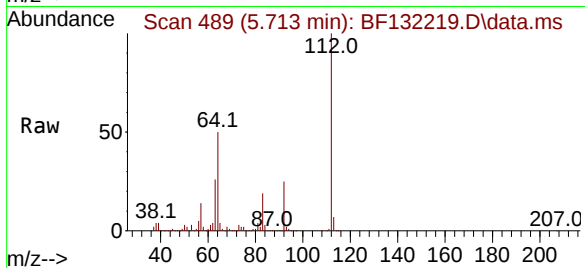




#5
2-Fluorophenol
Concen: 109.686 ng
RT: 5.713 min Scan# 486
Delta R.T. 0.018 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

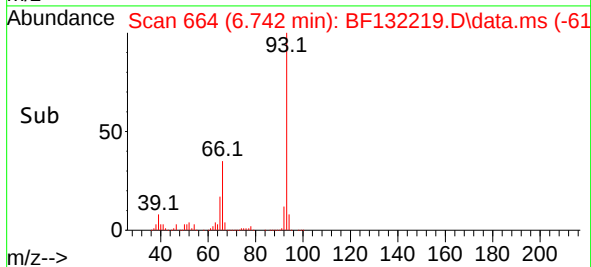
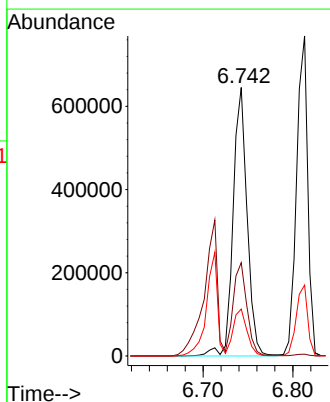
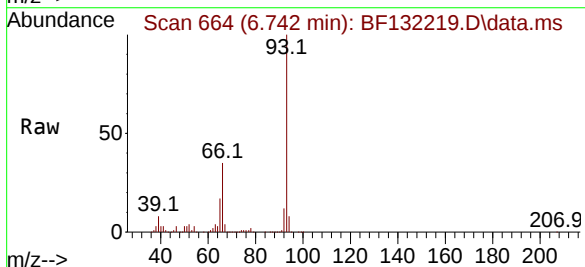
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

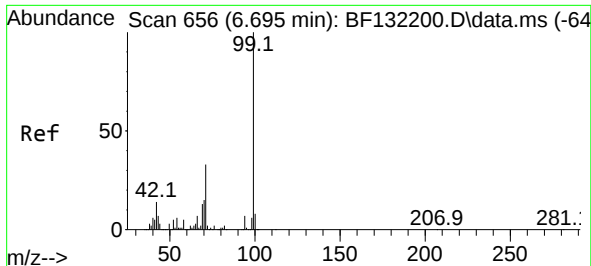
Tgt Ion:112 Resp: 1405747
Ion Ratio Lower Upper
112 100
64 50.0 45.5 68.3
63 25.6 23.7 35.5



#6
Aniline
Concen: 31.090 ng
RT: 6.742 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 93 Resp: 699602
Ion Ratio Lower Upper
93 100
66 34.8 28.7 43.1
65 17.5 14.7 22.1



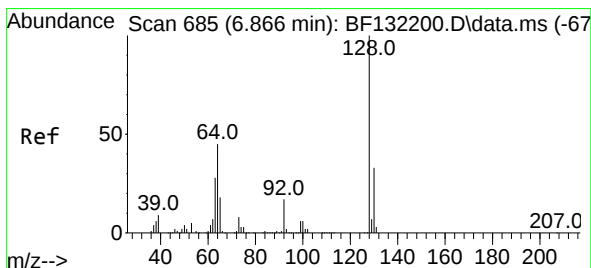
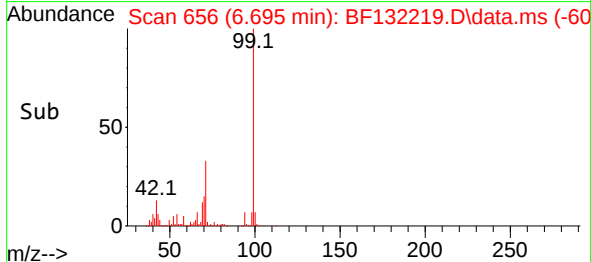
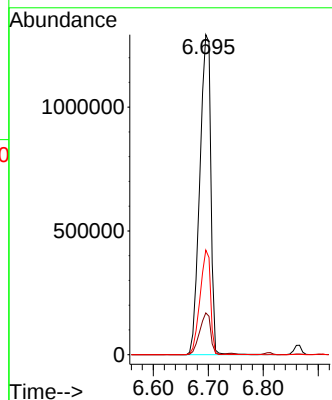
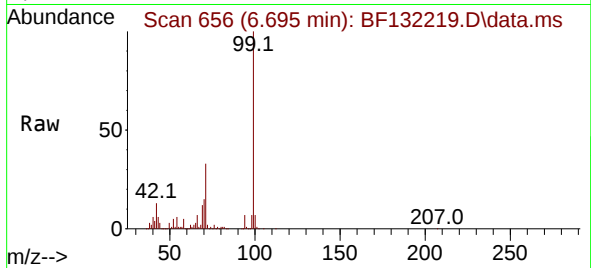


#7
Phenol-d6
Concen: 112.188 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

Tgt Ion: 99 Resp: 1802824

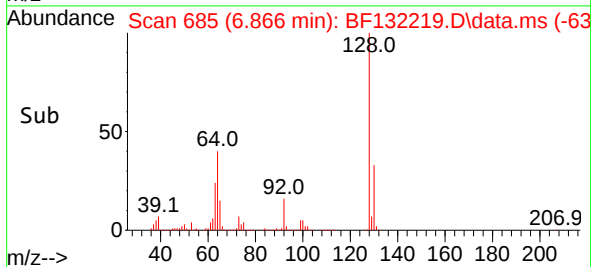
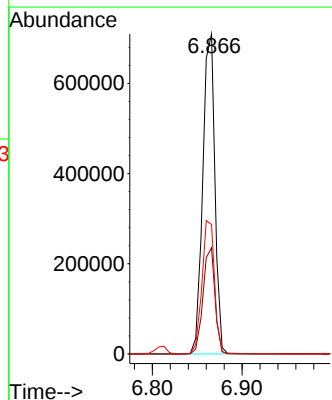
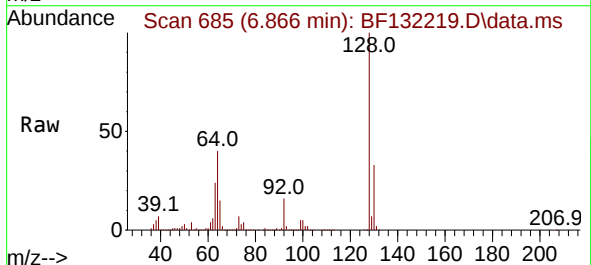
Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.3	16.9
71	32.7	26.3	39.5

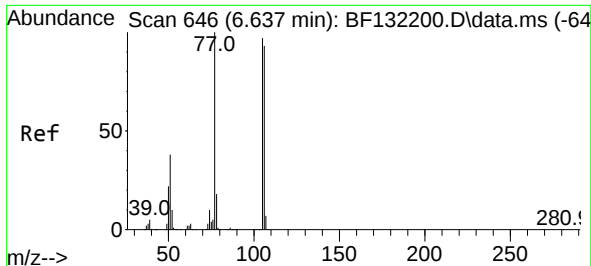


#8
2-Chlorophenol
Concen: 51.948 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 128 Resp: 667563

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	40.5	25.7	65.7

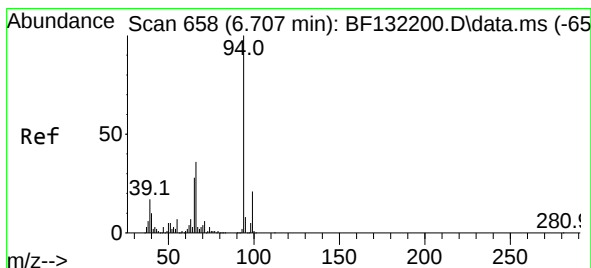
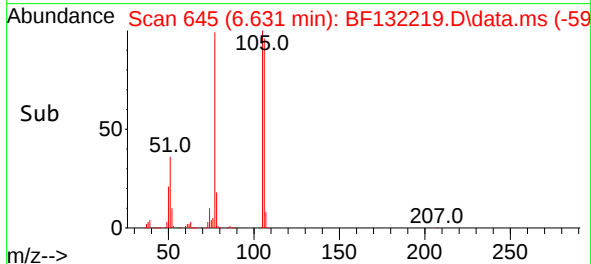
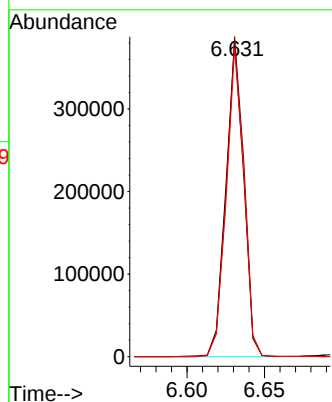
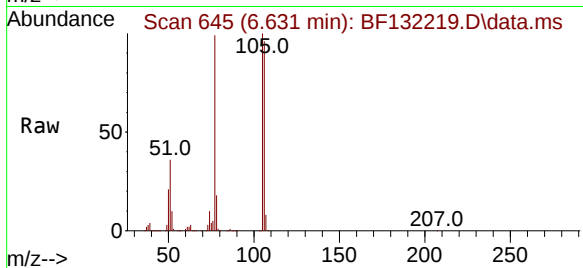




#9
Benzaldehyde
Concen: 28.126 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132219.D
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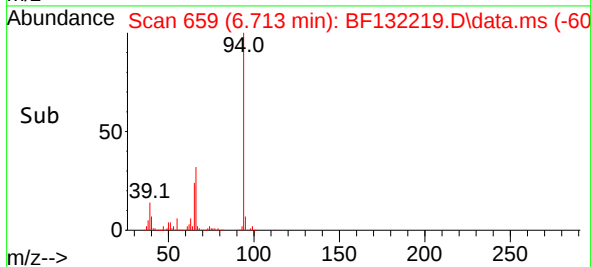
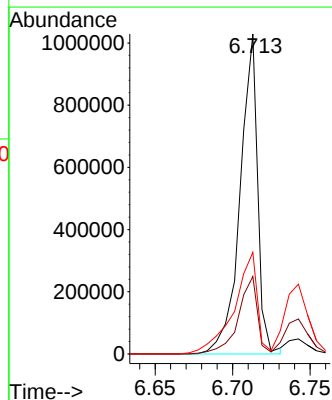
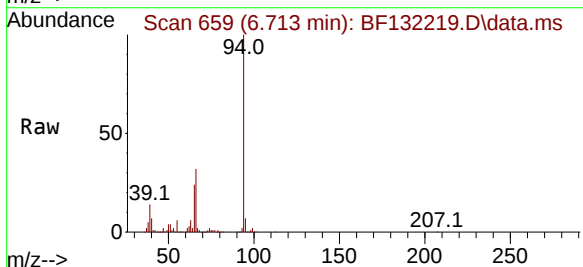
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ClientSampleId :
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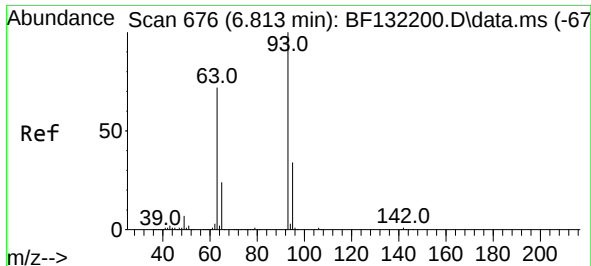
Tgt Ion: 77 Resp: 303494
Ion Ratio Lower Upper
77 100
105 101.0 77.0 117.0
106 97.4 73.2 113.2



#10
Phenol
Concen: 48.584 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 94 Resp: 812759
Ion Ratio Lower Upper
94 100
65 24.2 7.6 47.6
66 31.7 16.3 56.3

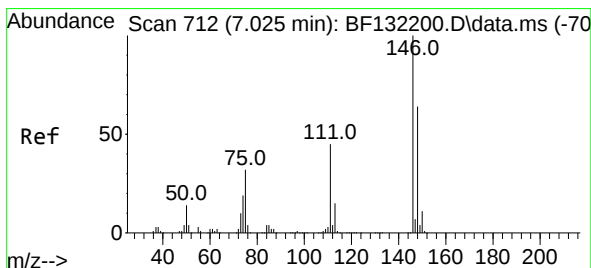
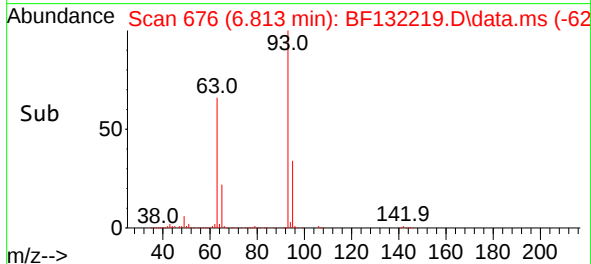
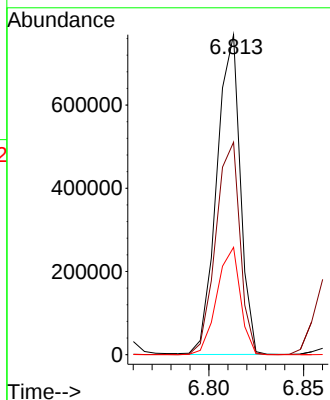
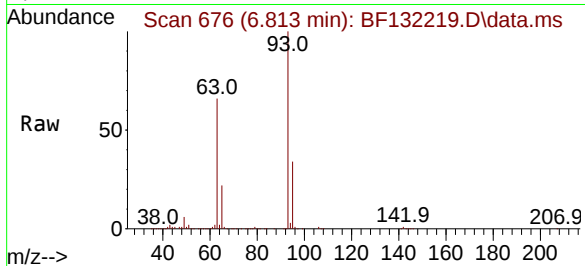




#11
bis(2-Chloroethyl)ether
Concen: 46.027 ng
RT: 6.813 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

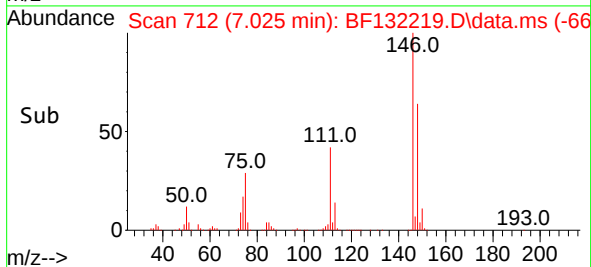
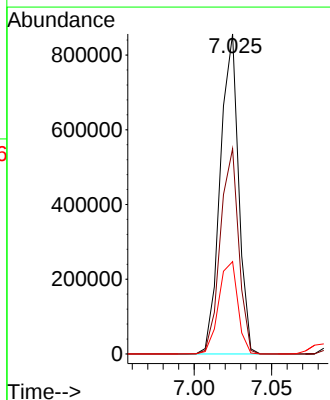
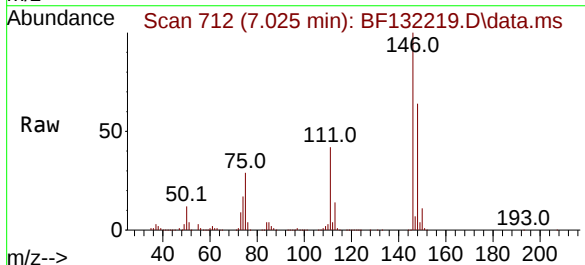
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

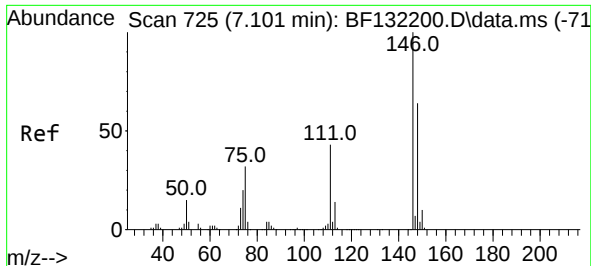
Tgt Ion: 93 Resp: 664200
Ion Ratio Lower Upper
93 100
63 66.4 52.2 92.2
95 33.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 49.205 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:146 Resp: 702947
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 28.9 25.4 38.2

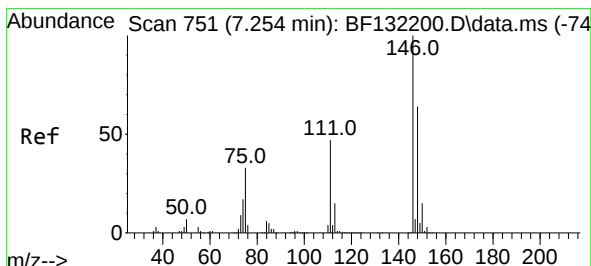
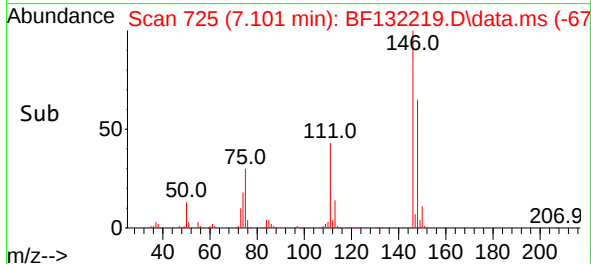
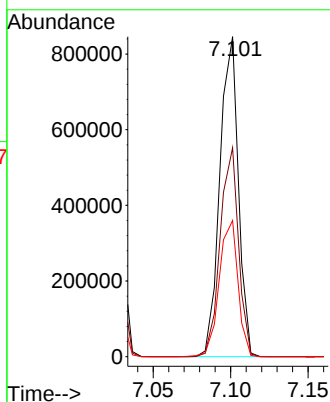
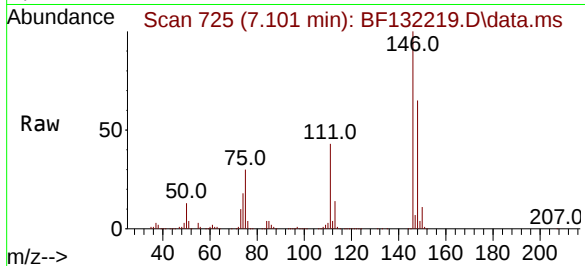




#13
1,4-Dichlorobenzene
Concen: 49.319 ng
RT: 7.101 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

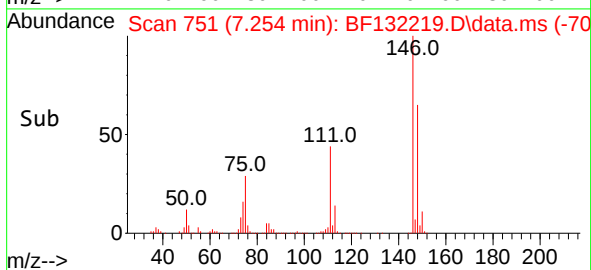
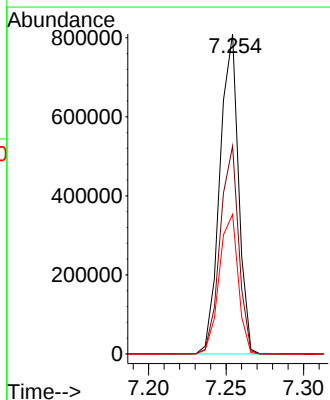
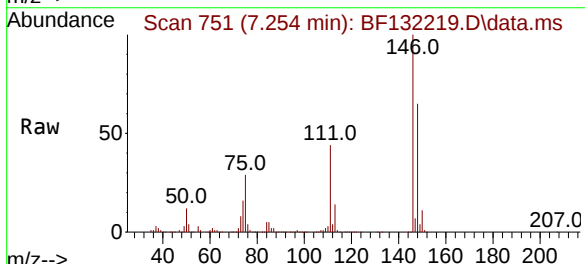
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

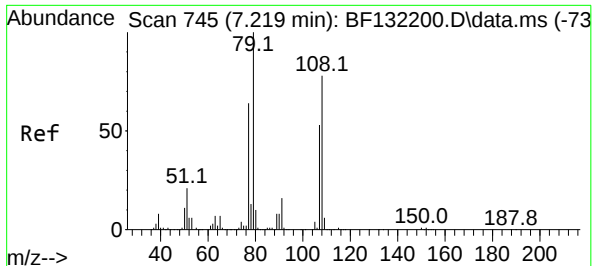
Tgt Ion:146 Resp: 702415
Ion Ratio Lower Upper
146 100
148 65.3 50.9 76.3
111 42.6 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 51.252 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:146 Resp: 678086
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 43.6 37.5 56.3

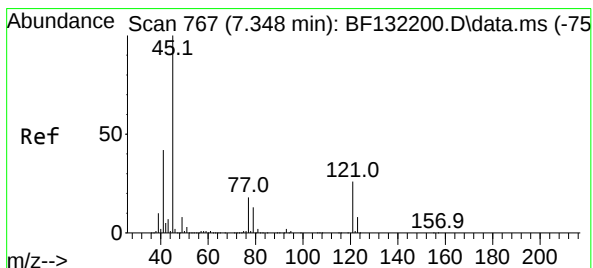
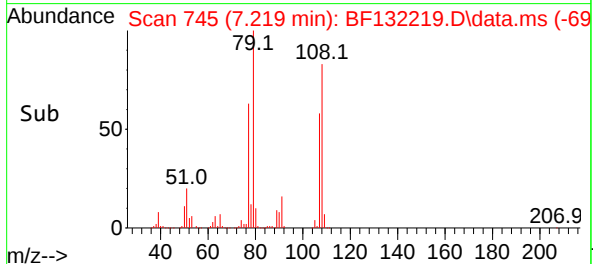
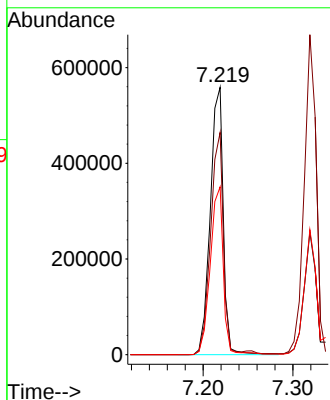
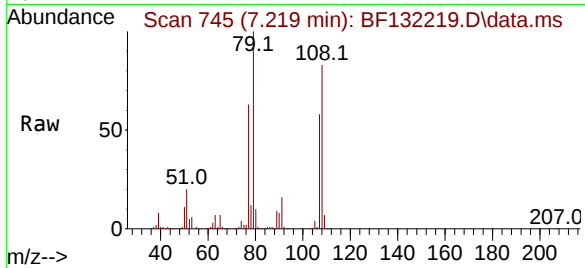




#15
Benzyl Alcohol
Concen: 47.695 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

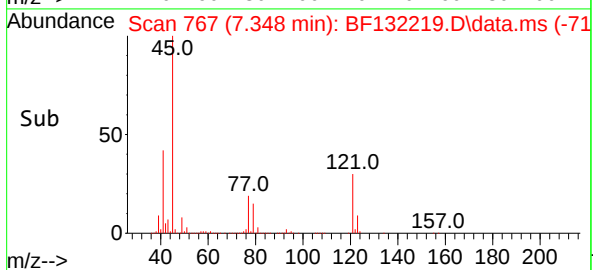
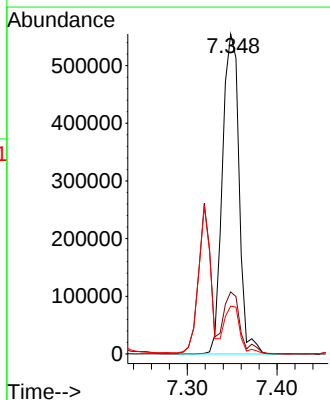
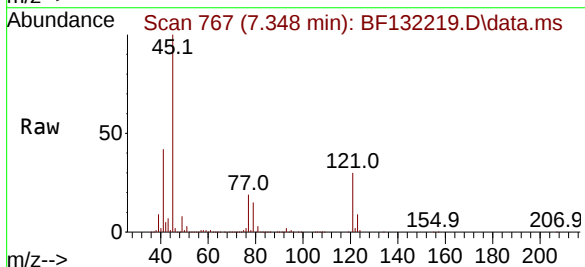
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

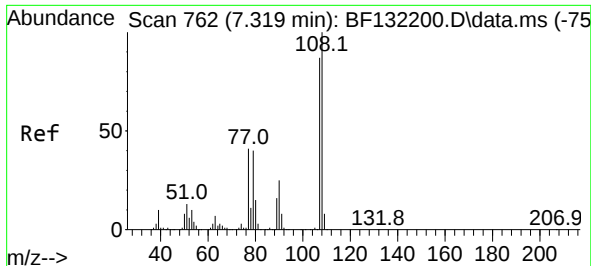
Tgt Ion: 79 Resp: 563182
Ion Ratio Lower Upper
79 100
108 83.1 62.2 93.4
77 62.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.537 ng
RT: 7.348 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 45 Resp: 713464
Ion Ratio Lower Upper
45 100
77 19.4 0.0 38.0
79 15.0 0.0 32.9

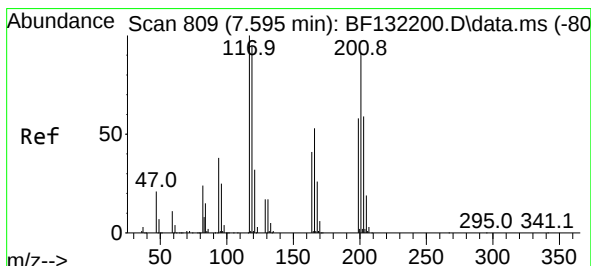
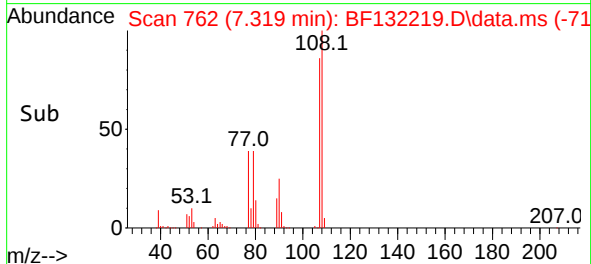
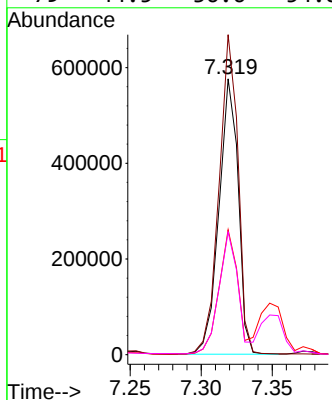
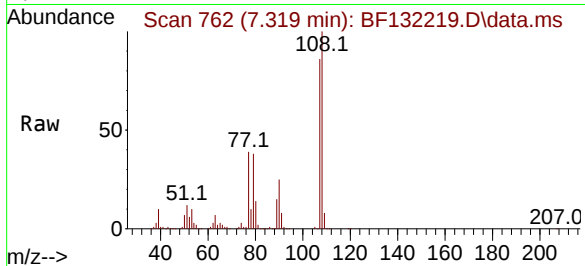




#17
2-Methylphenol
Concen: 46.316 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

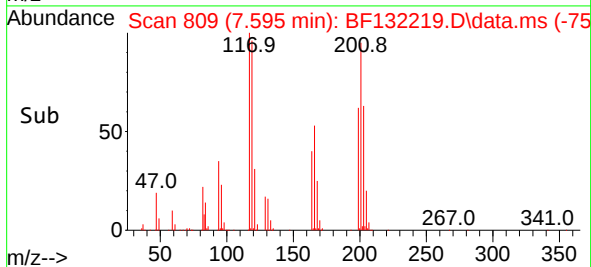
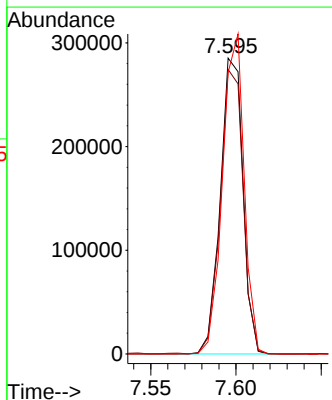
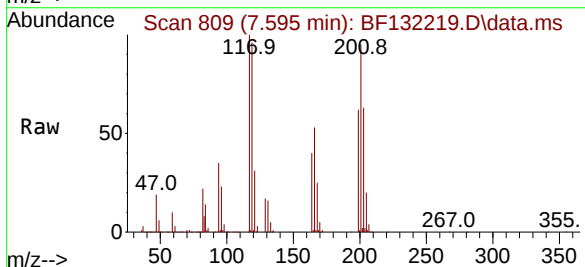
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

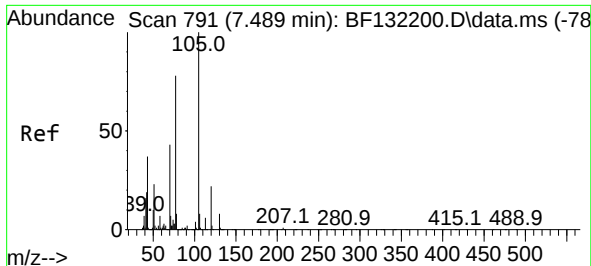
Tgt Ion:	107	Resp:	541167
Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.2	138.4
77	45.3	37.5	56.3
79	44.5	36.6	54.8



#18
Hexachloroethane
Concen: 50.500 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:	117	Resp:	264279
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
201	95.1	72.9	109.3

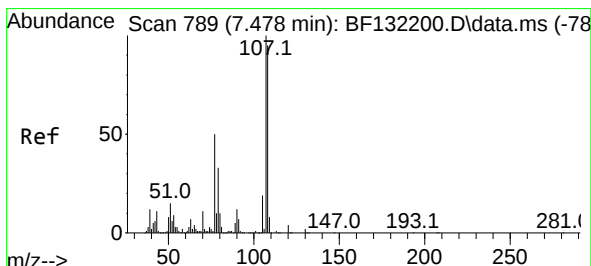
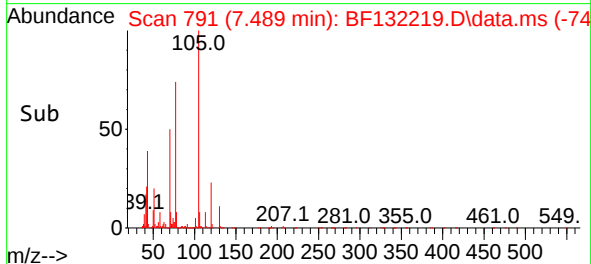
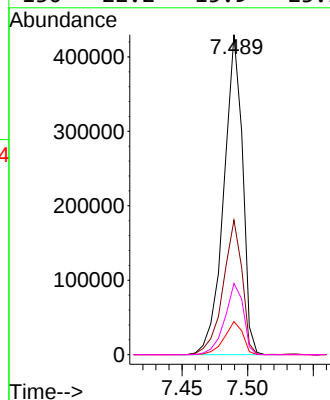
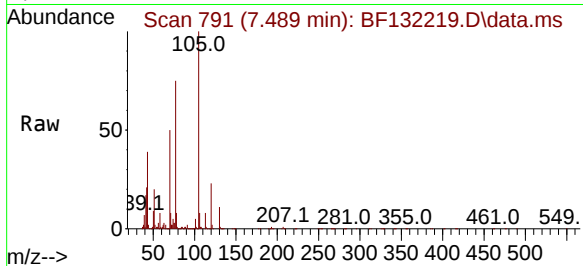




#19
n-Nitroso-di-n-propylamine
Concen: 44.126 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

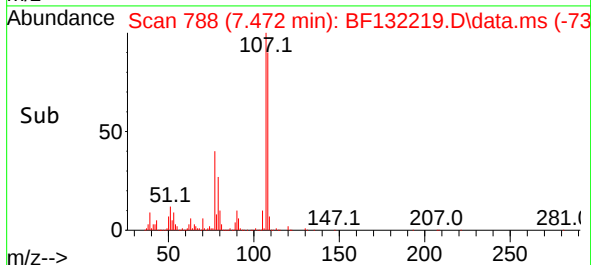
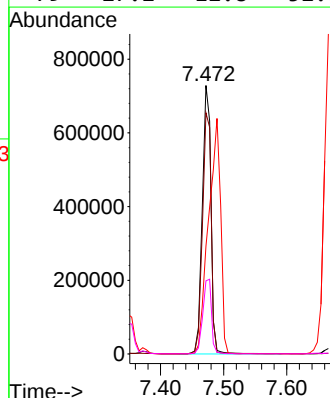
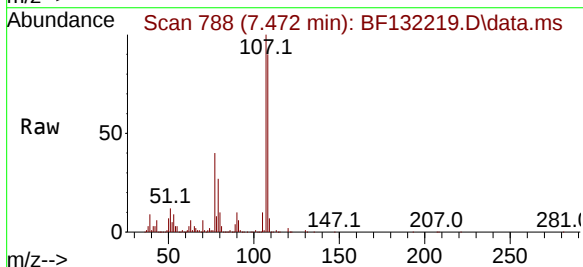
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

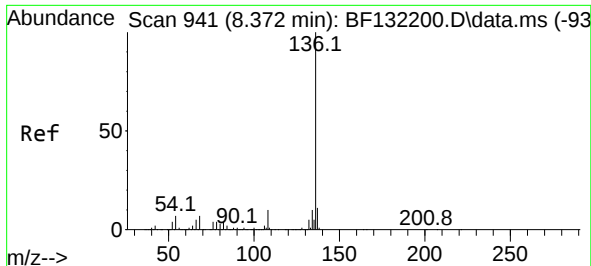
Tgt Ion:	70	Resp:	426789
Ion	Ratio	Lower	Upper
70	100		
42	42.1	36.2	54.4
101	10.3	7.9	11.9
130	22.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.832 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:	107	Resp:	687731
Ion	Ratio	Lower	Upper
107	100		
108	89.8	75.1	115.1
77	40.2	29.6	69.6
79	27.2	12.8	52.8

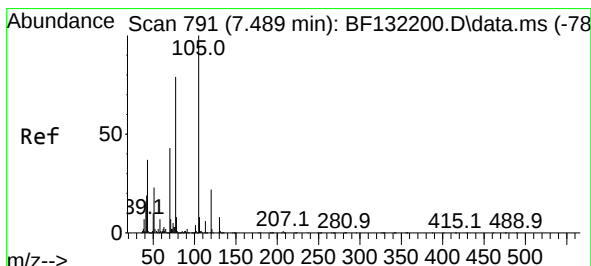
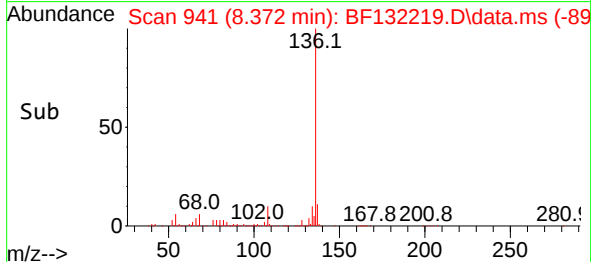
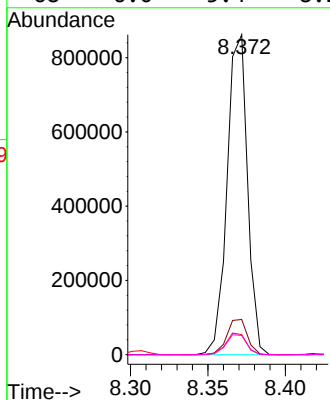
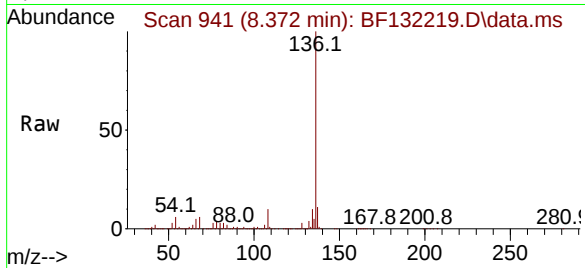




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

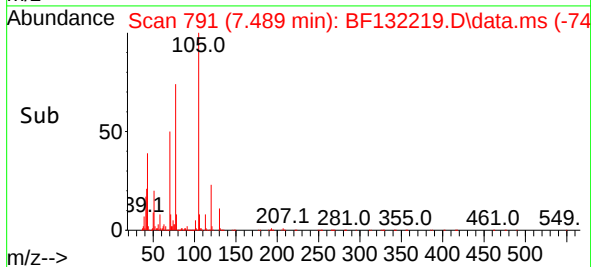
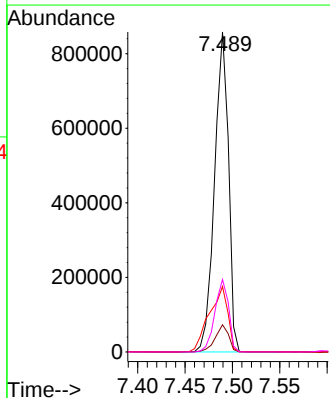
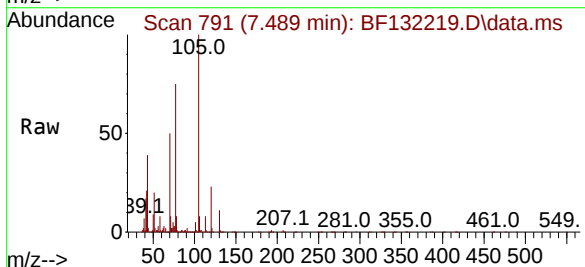
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

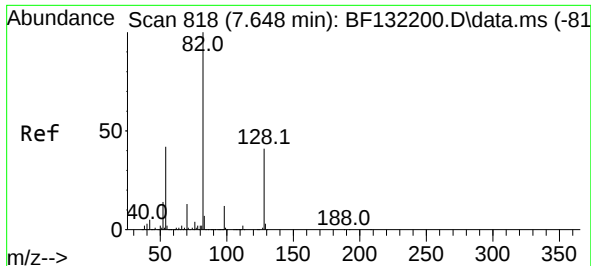
Tgt Ion:136 Resp: 789439
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 5.4 8.2
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 45.310 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:105 Resp: 874574
Ion Ratio Lower Upper
105 100
71 8.5 5.7 8.5
51 20.5 18.1 27.1
120 22.6 17.5 26.3

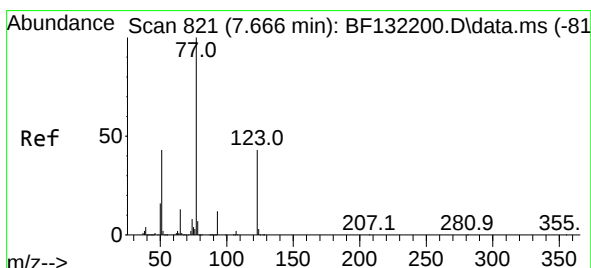
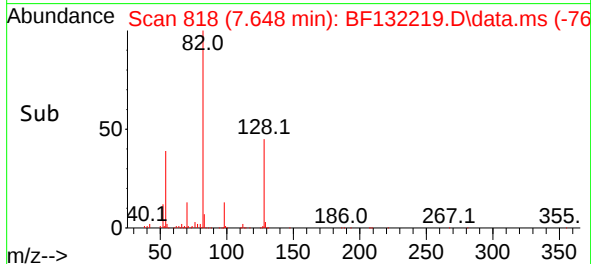
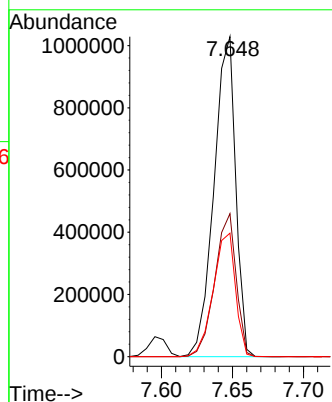
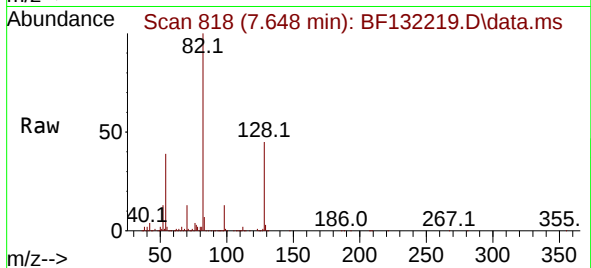




#23
Nitrobenzene-d5
Concen: 72.452 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

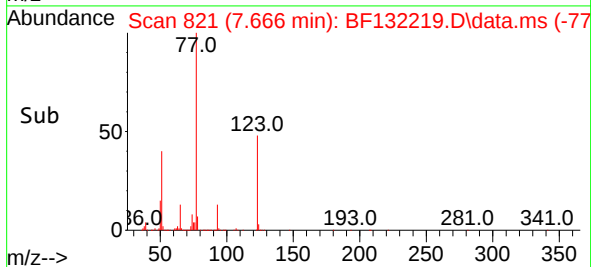
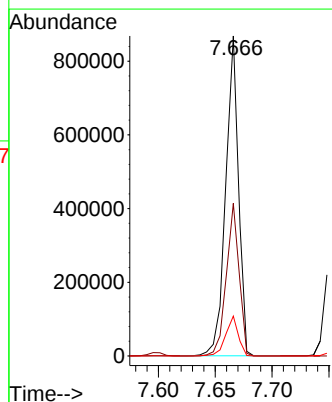
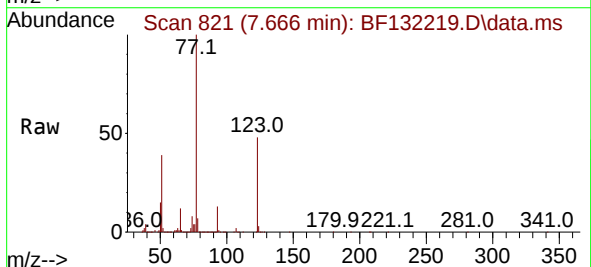
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

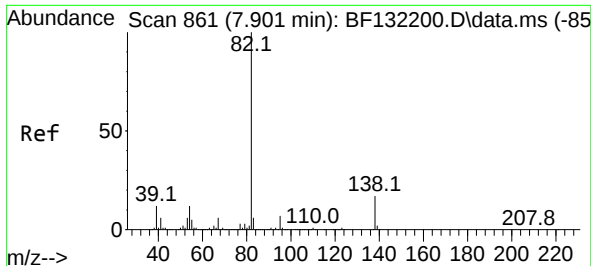
Tgt Ion: 82 Resp: 1092522
Ion Ratio Lower Upper
82 100
128 44.7 32.7 49.1
54 38.6 33.3 49.9



#24
Nitrobenzene
Concen: 43.878 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion: 77 Resp: 684063
Ion Ratio Lower Upper
77 100
123 47.7 34.8 52.2
65 12.5 10.5 15.7

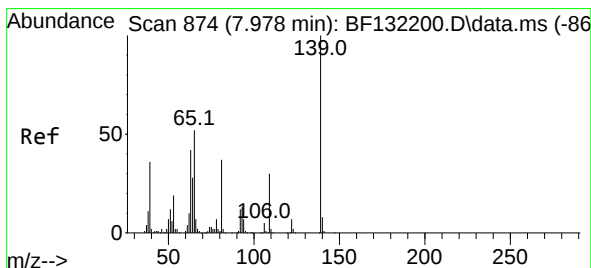
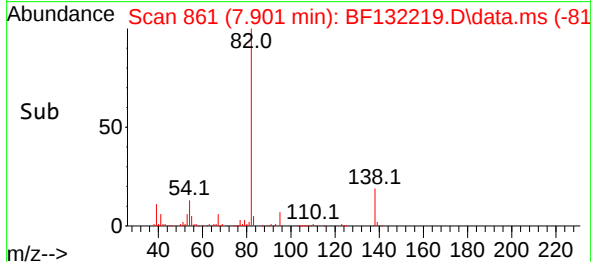
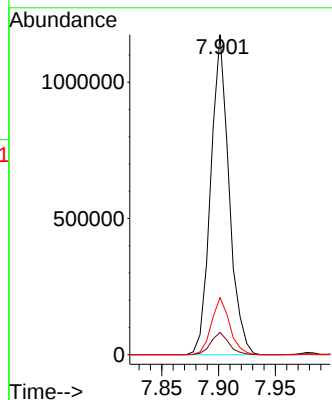
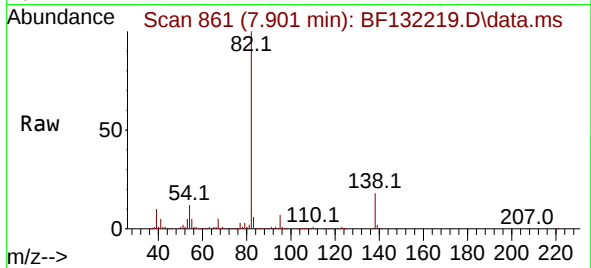




#25
Isophorone
Concen: 45.371 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

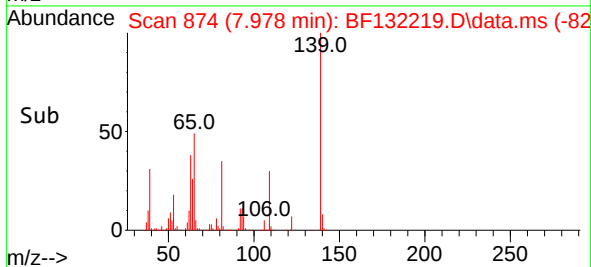
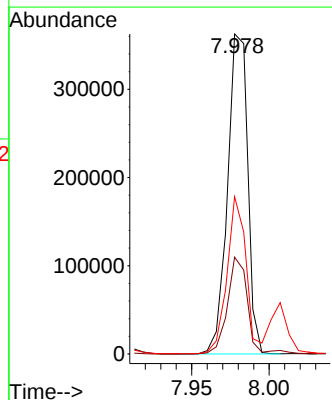
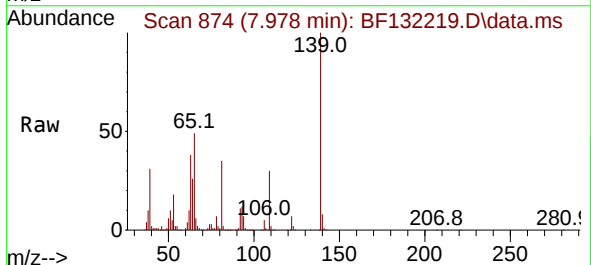
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

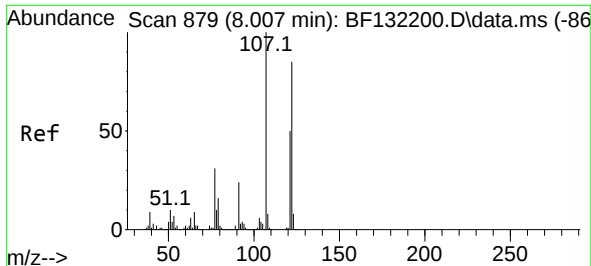
Tgt Ion: 82 Resp: 1315750
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 13.4 20.0



#26
2-Nitrophenol
Concen: 51.776 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:139 Resp: 329251
Ion Ratio Lower Upper
139 100
109 30.3 24.2 36.4
65 49.1 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 48.126 ng

RT: 8.007 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

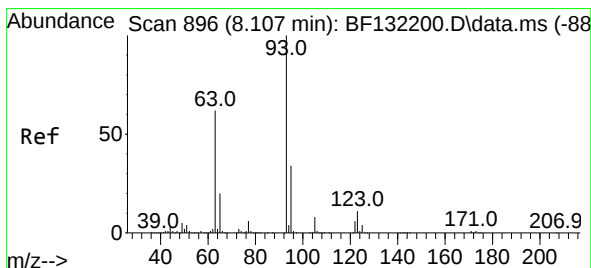
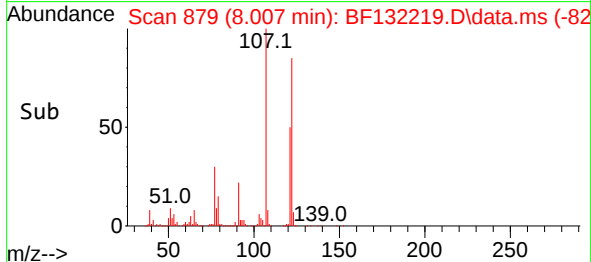
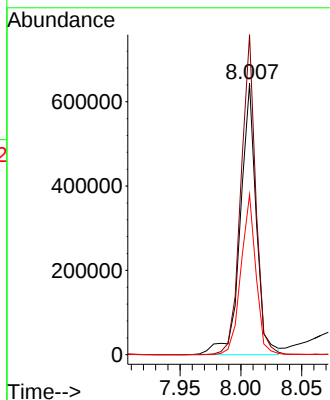
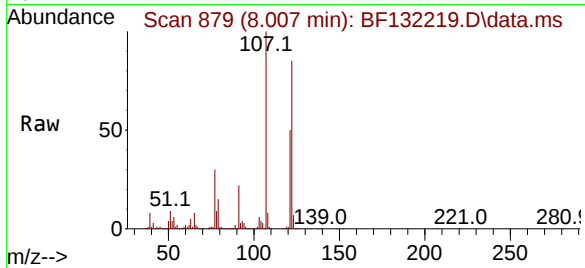
Tgt Ion:122 Resp: 583630

Ion Ratio Lower Upper

122 100

107 118.0 94.1 141.1

121 59.1 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.400 ng

RT: 8.107 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

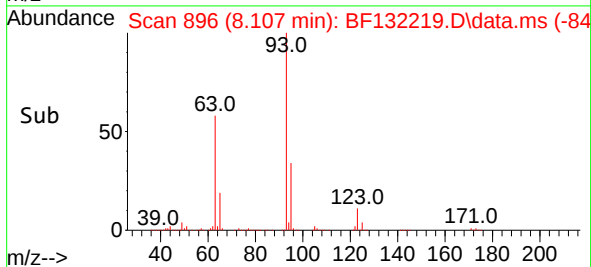
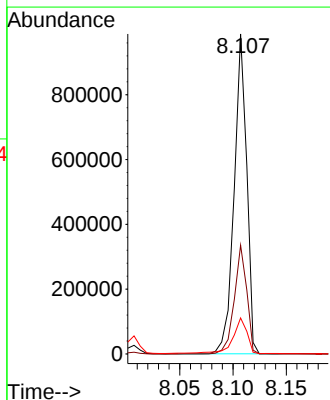
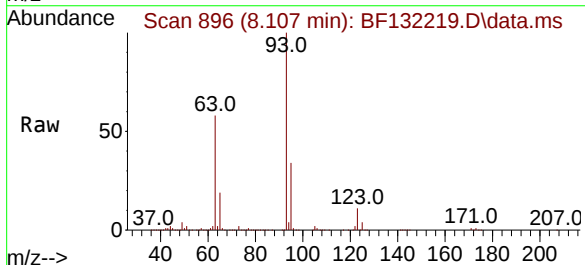
Tgt Ion: 93 Resp: 810589

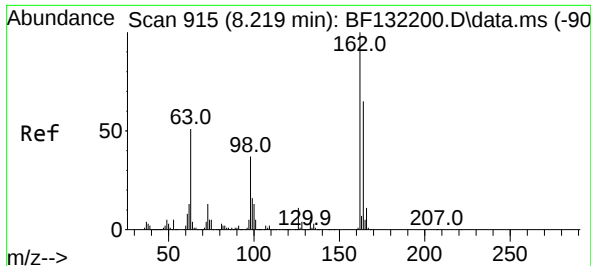
Ion Ratio Lower Upper

93 100

95 34.0 27.0 40.4

123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.012 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

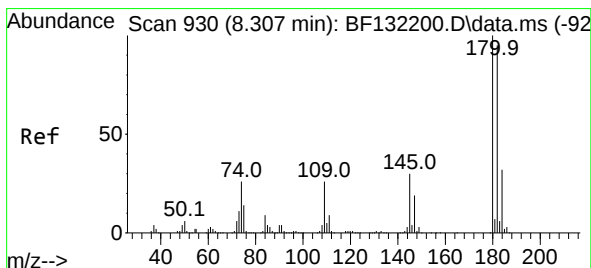
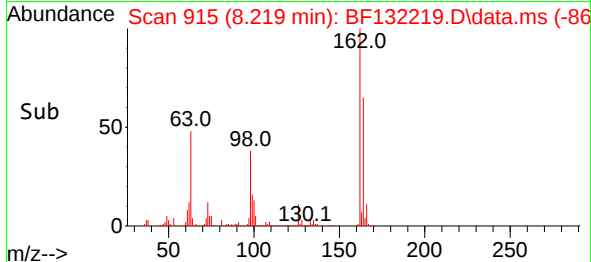
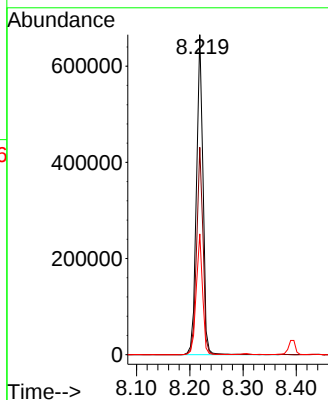
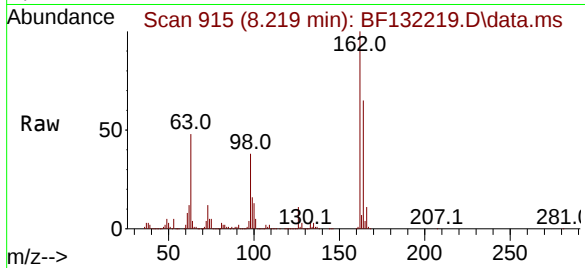
Tgt Ion:162 Resp: 566309

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 37.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 47.961 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

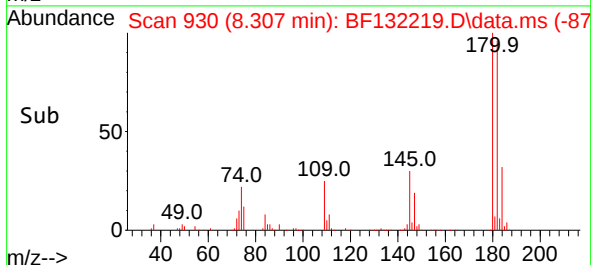
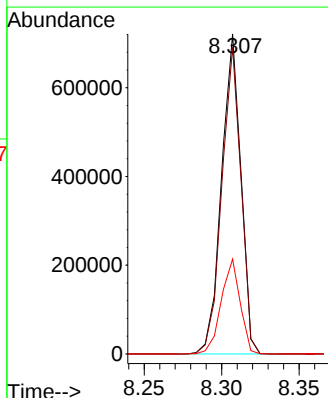
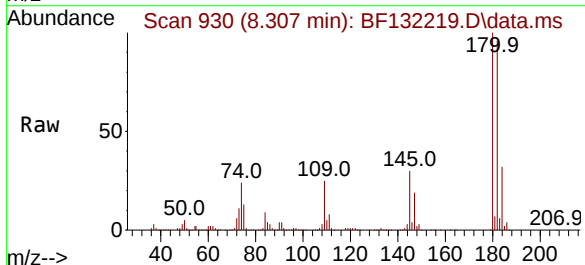
Tgt Ion:180 Resp: 623897

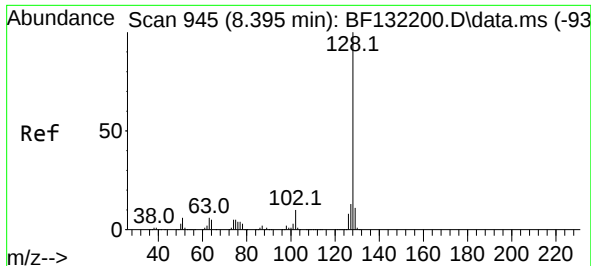
Ion Ratio Lower Upper

180 100

182 95.9 75.7 113.5

145 29.6 23.9 35.9

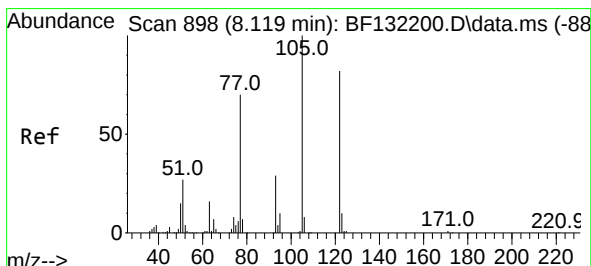
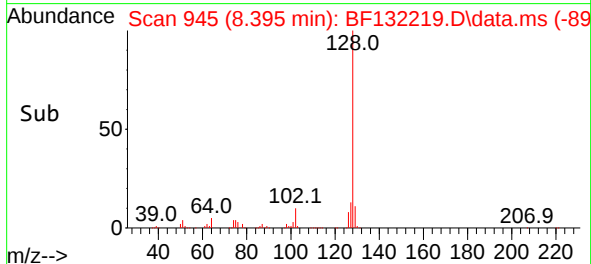
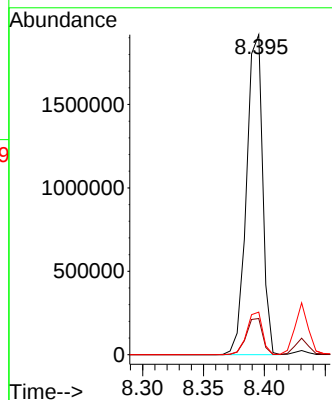
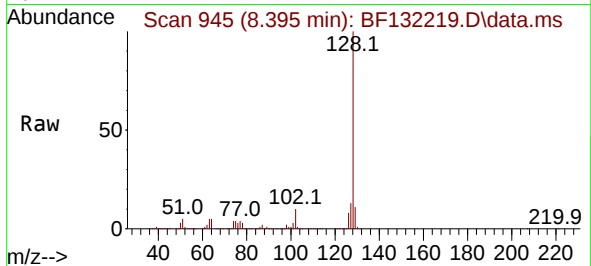




#31
Naphthalene
Concen: 45.163 ng
RT: 8.395 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

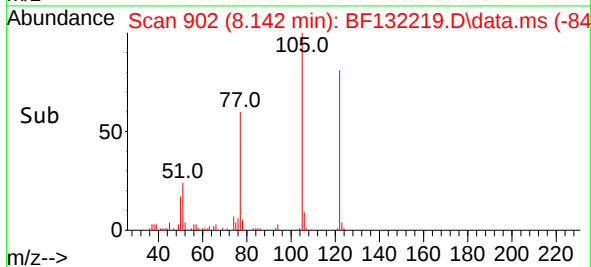
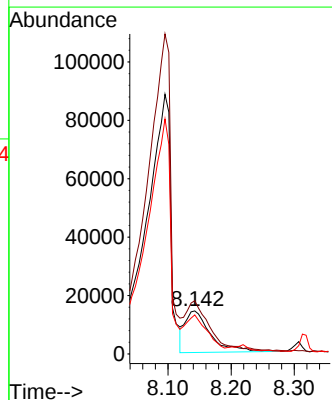
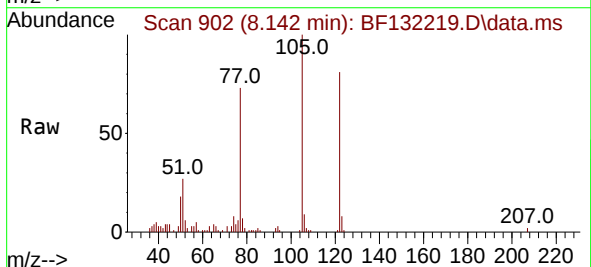
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

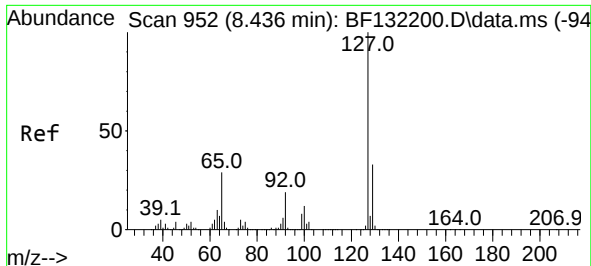
Tgt Ion:128 Resp: 1764090
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 11.452 ng
RT: 8.142 min Scan# 902
Delta R.T. 0.023 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:122 Resp: 39826
Ion Ratio Lower Upper
122 100
105 123.8 101.5 141.5
77 90.8 66.5 106.5

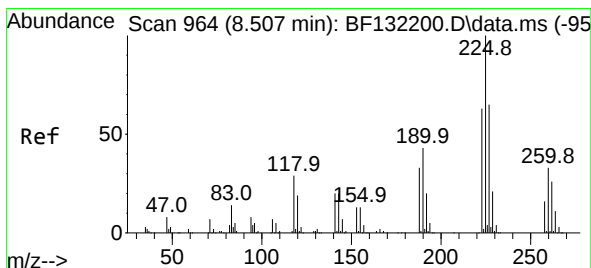
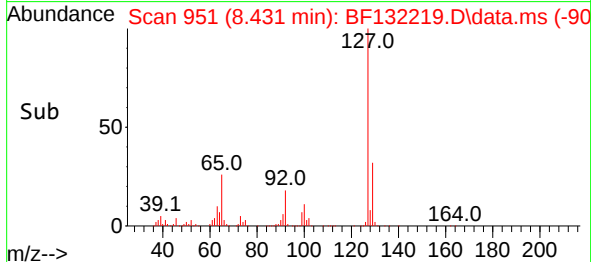
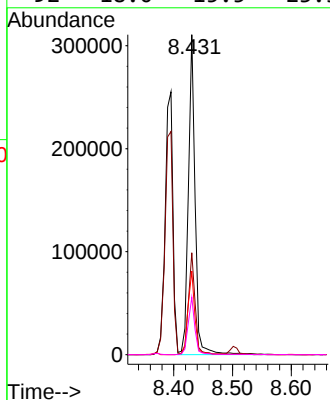
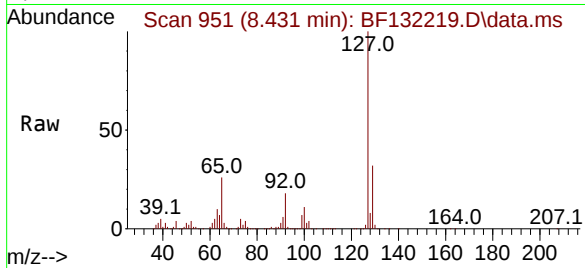




#33
4-Chloroaniline
Concen: 14.683 ng
RT: 8.431 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

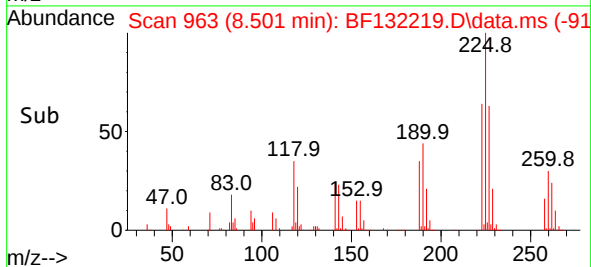
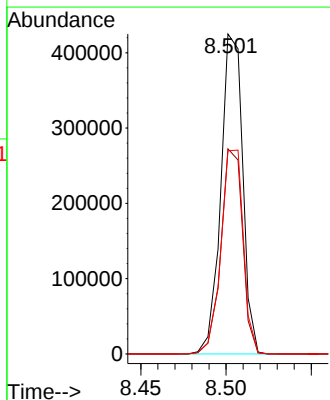
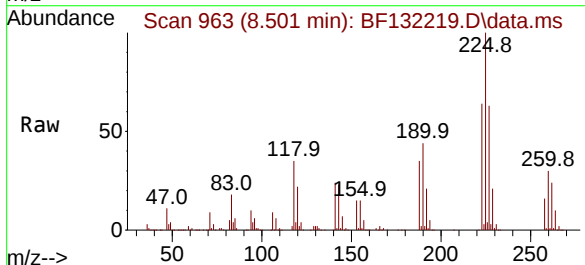
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

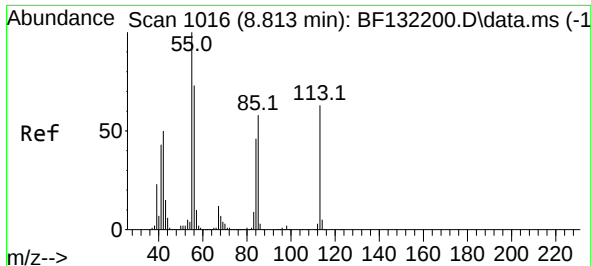
Tgt Ion:	127	Resp:	248636
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.6	39.8
65	26.2	22.9	34.3
92	18.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 46.555 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:	225	Resp:	378306
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.2	75.2
227	63.5	52.1	78.1





#35

Caprolactam

Concen: 16.262 ng

RT: 8.848 min Scan# 1016

Delta R.T. 0.035 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

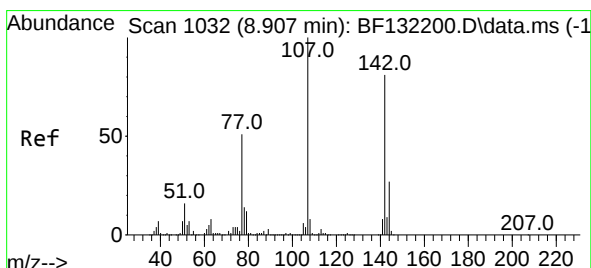
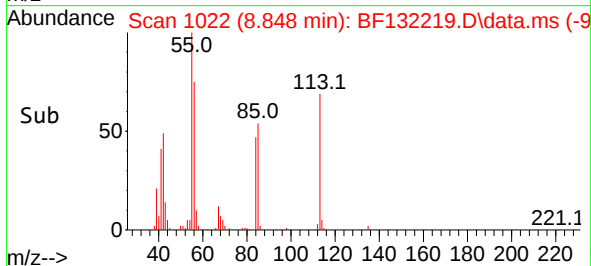
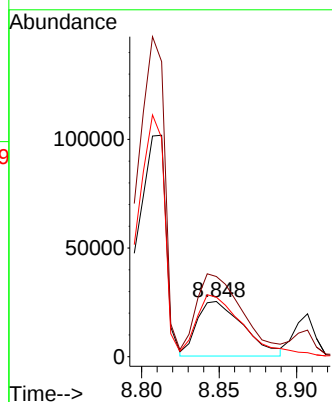
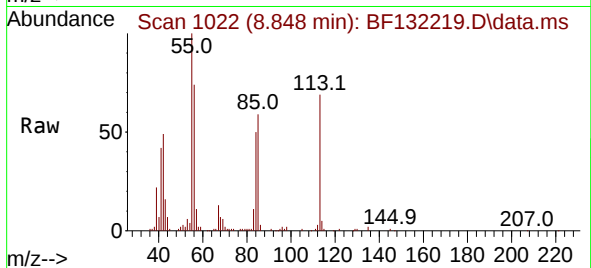
Tgt Ion:113 Resp: 52139

Ion Ratio Lower Upper

113 100

55 145.1 138.7 178.7

56 107.6 96.5 136.5



#36

4-Chloro-3-methylphenol

Concen: 50.161 ng

RT: 8.907 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

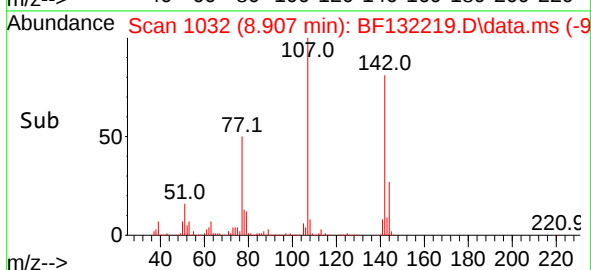
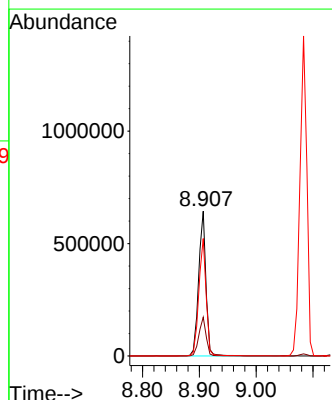
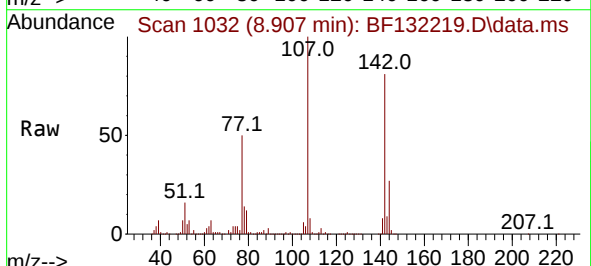
Tgt Ion:107 Resp: 581649

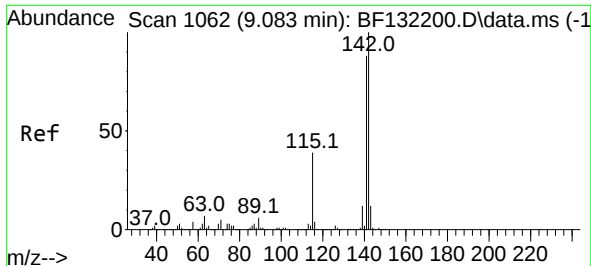
Ion Ratio Lower Upper

107 100

144 26.7 21.6 32.4

142 81.1 64.8 97.2

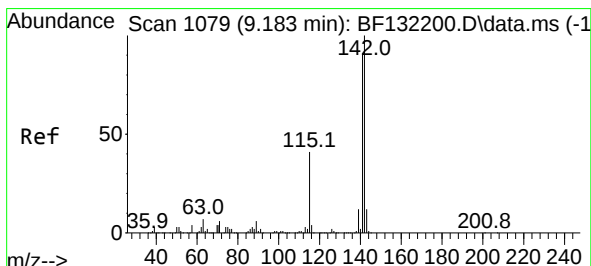
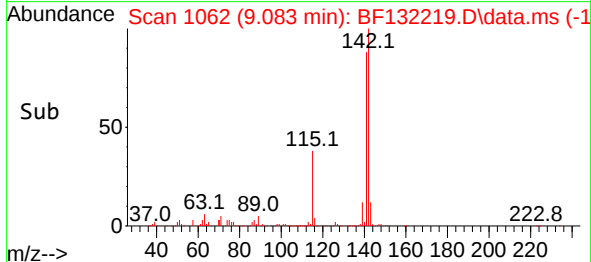
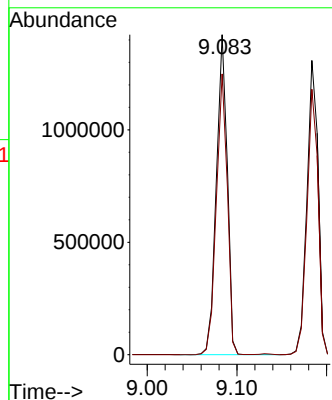
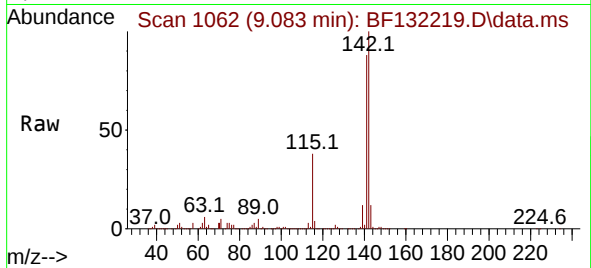




#37
2-Methylnaphthalene
Concen: 44.832 ng
RT: 9.083 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

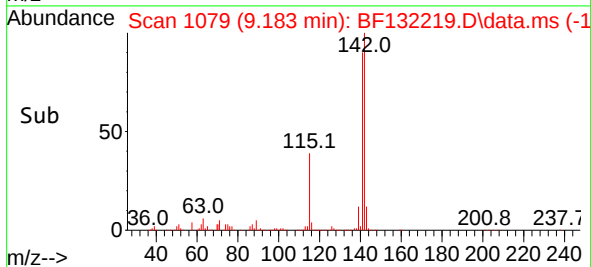
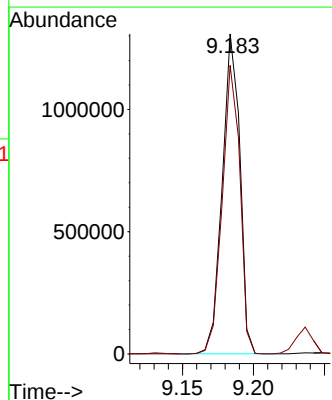
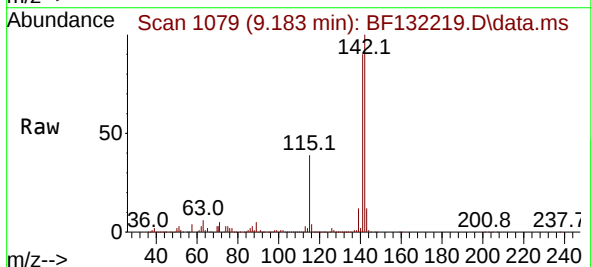
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

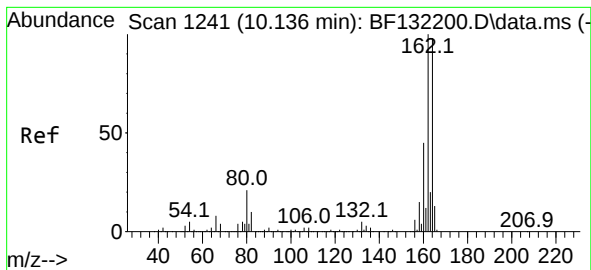
Tgt Ion:142 Resp: 1201513
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0



#38
1-Methylnaphthalene
Concen: 45.345 ng
RT: 9.183 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:142 Resp: 1127339
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.136 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

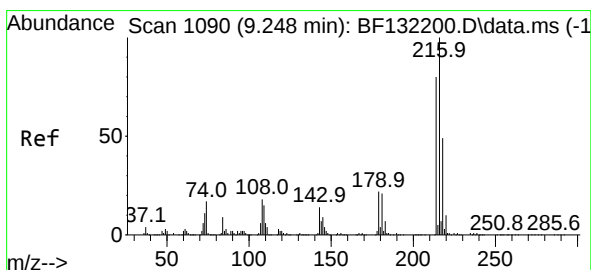
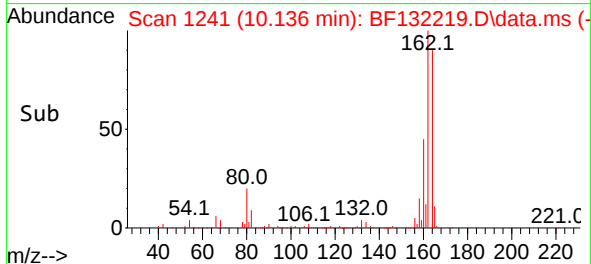
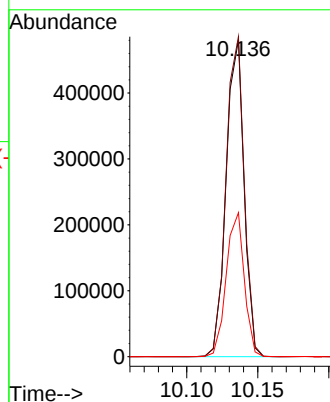
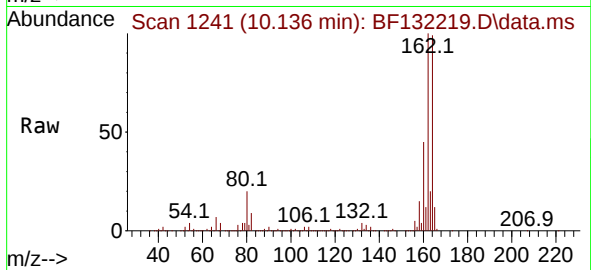
Tgt Ion:164 Resp: 421759

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 45.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.441 ng

RT: 9.248 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Tgt Ion:216 Resp: 643187

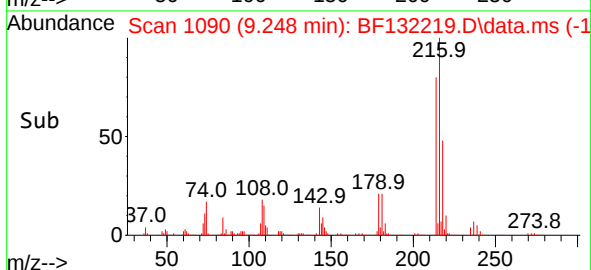
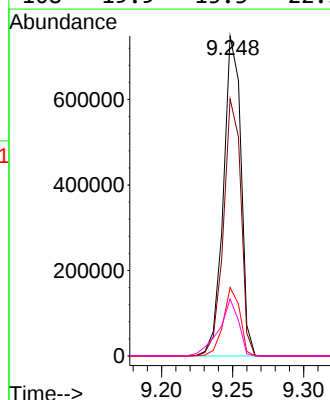
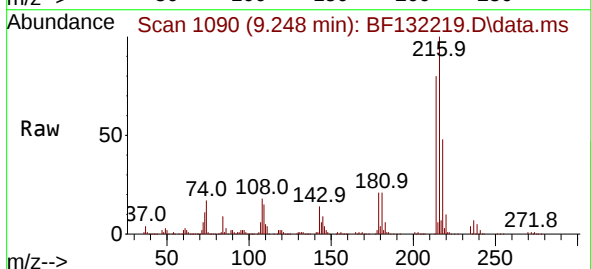
Ion Ratio Lower Upper

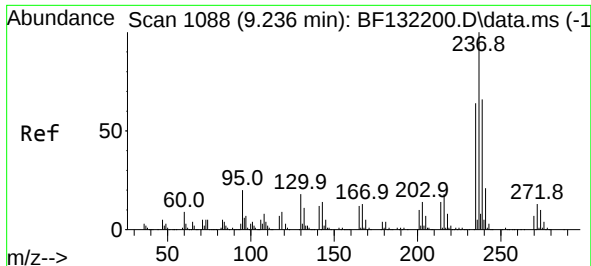
216 100

214 79.5 63.4 95.2

179 20.4 16.8 25.2

108 19.9 15.3 22.9

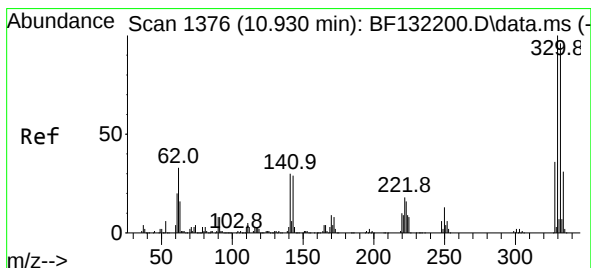
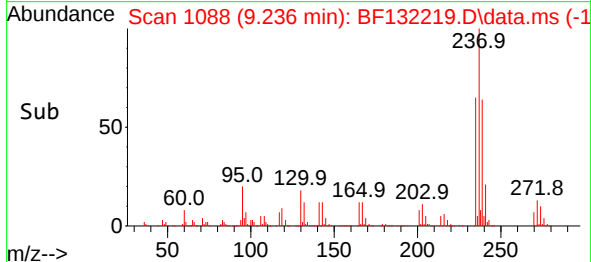
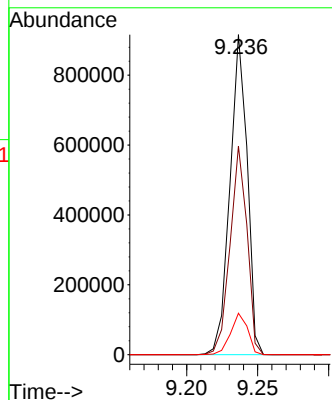
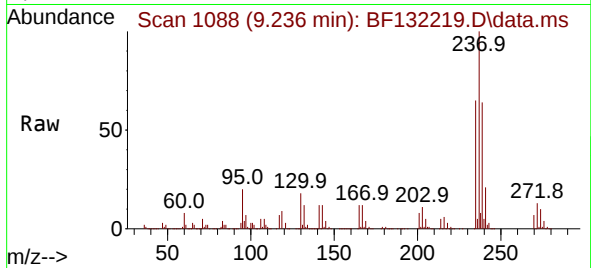




#41
Hexachlorocyclopentadiene
Concen: 107.297 ng
RT: 9.236 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

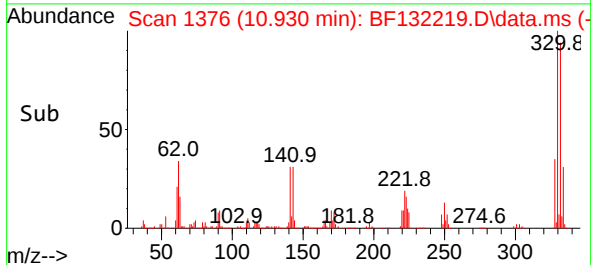
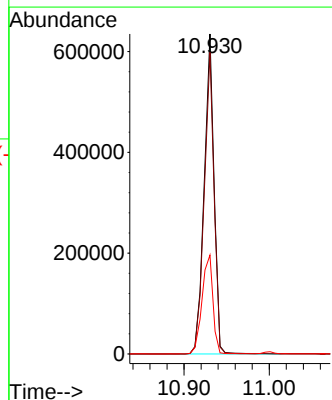
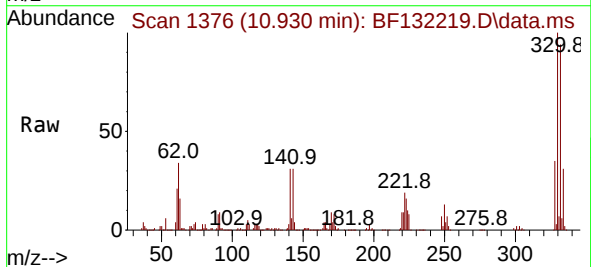
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

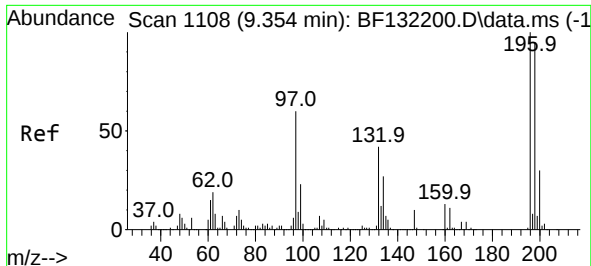
Tgt Ion:237 Resp: 771400
Ion Ratio Lower Upper
237 100
235 65.2 43.9 83.9
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 131.039 ng
RT: 10.930 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:330 Resp: 511763
Ion Ratio Lower Upper
330 100
332 94.5 75.7 113.5
141 34.3 30.7 46.1

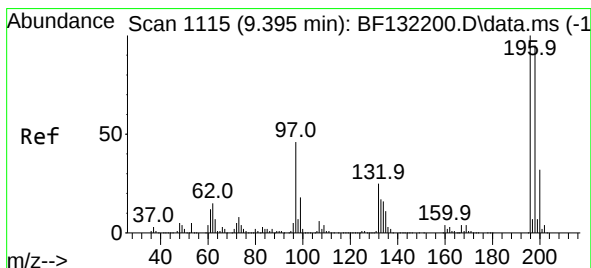
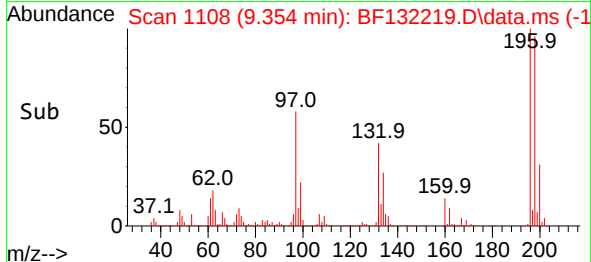
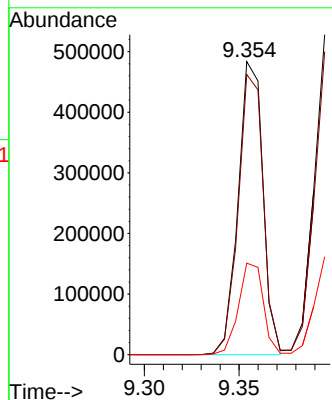
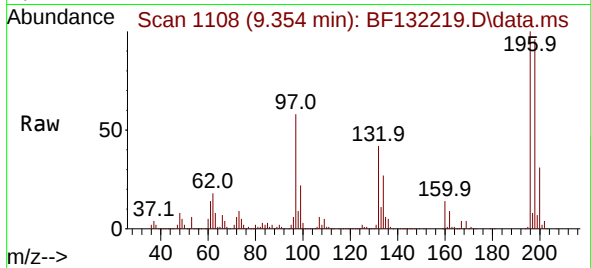




#43
2,4,6-Trichlorophenol
Concen: 50.865 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

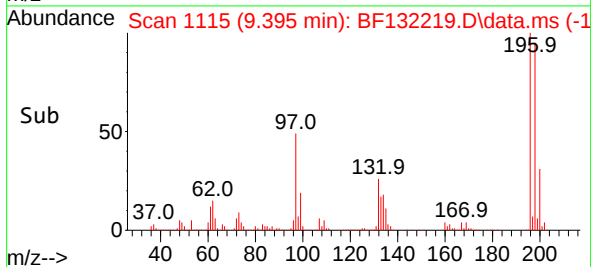
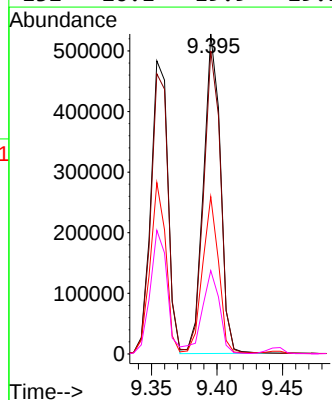
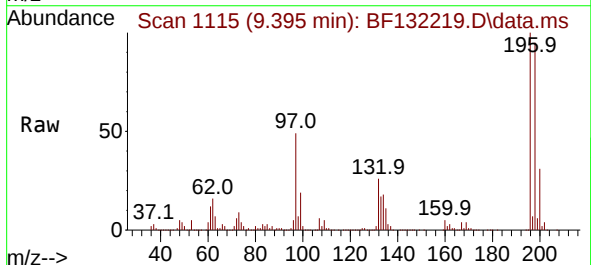
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

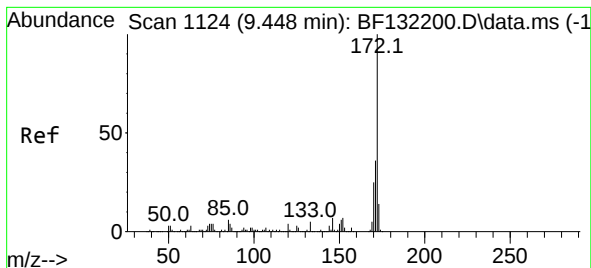
Tgt Ion:196 Resp: 439293
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 31.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 46.920 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:196 Resp: 474546
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
97 49.2 37.1 55.7
132 26.1 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 65.519 ng

RT: 9.448 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

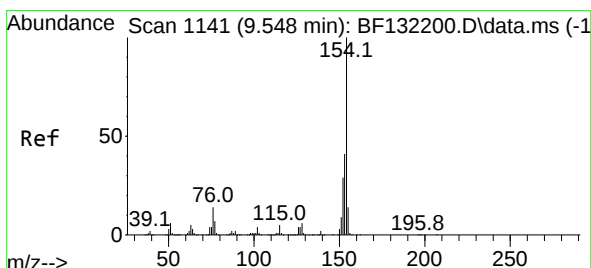
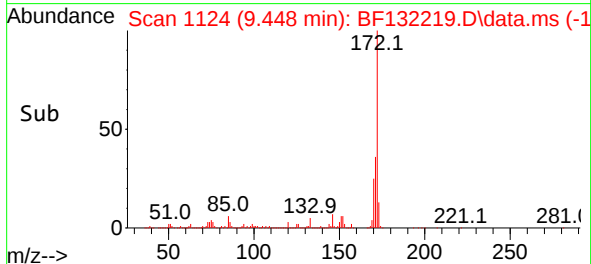
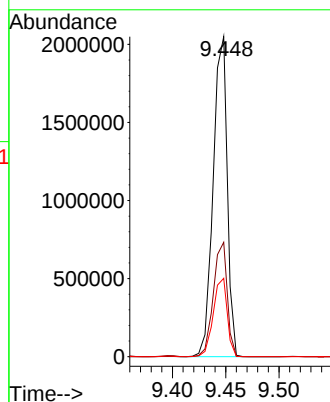
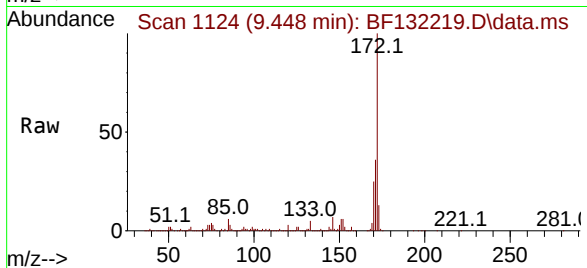
Tgt Ion:172 Resp: 1877973

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 24.5 20.2 30.4



#46

1,1'-Biphenyl

Concen: 45.438 ng

RT: 9.548 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

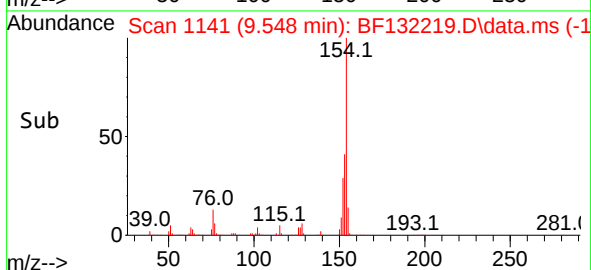
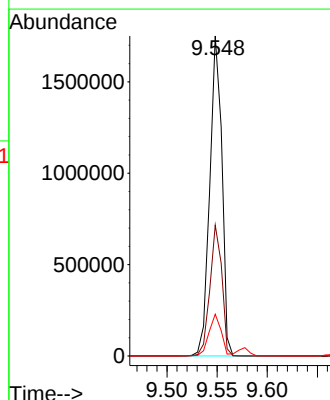
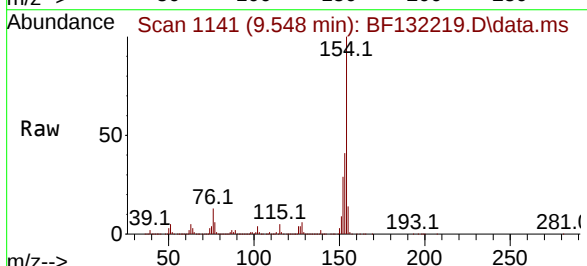
Tgt Ion:154 Resp: 1476863

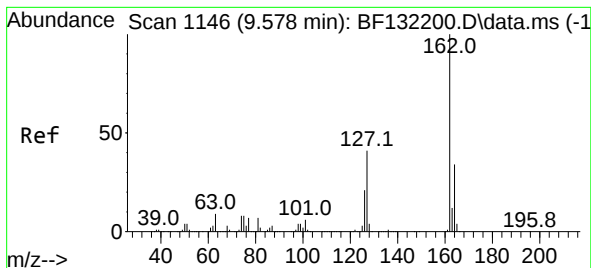
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.0 0.0 34.2





#47

2-Chloronaphthalene

Concen: 46.285 ng

RT: 9.578 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

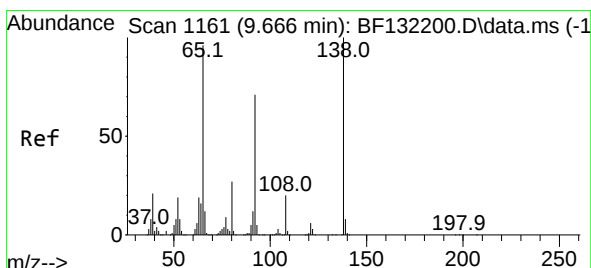
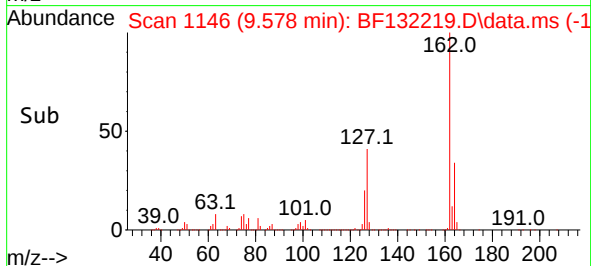
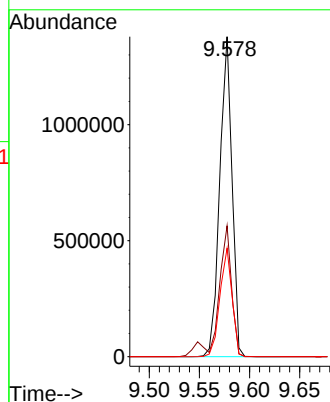
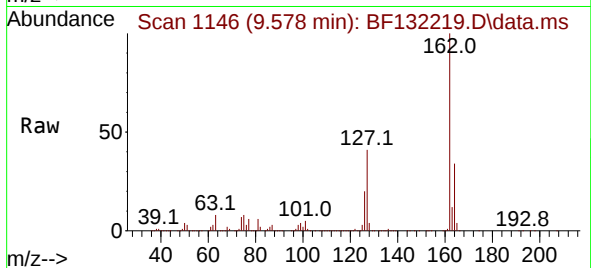
Tgt Ion:162 Resp: 1167642

Ion Ratio Lower Upper

162 100

127 40.9 32.7 49.1

164 33.9 27.3 40.9



#48

2-Nitroaniline

Concen: 49.069 ng

RT: 9.666 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

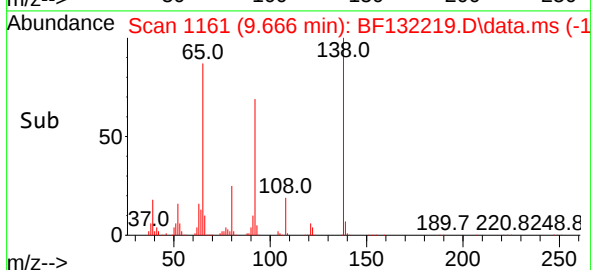
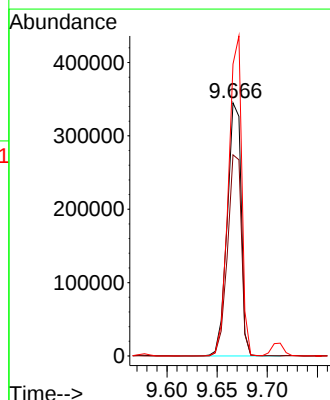
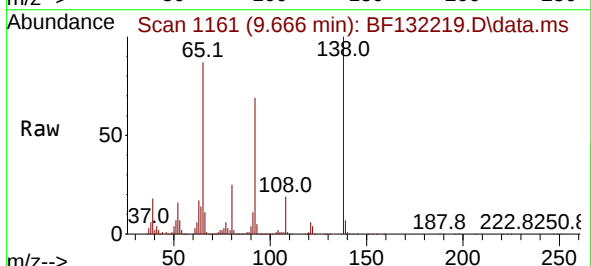
Tgt Ion: 65 Resp: 332441

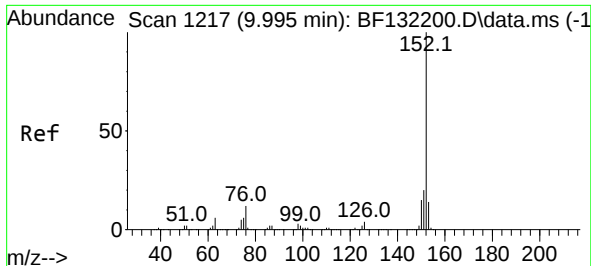
Ion Ratio Lower Upper

65 100

92 79.4 59.2 88.8

138 115.3 83.7 125.5

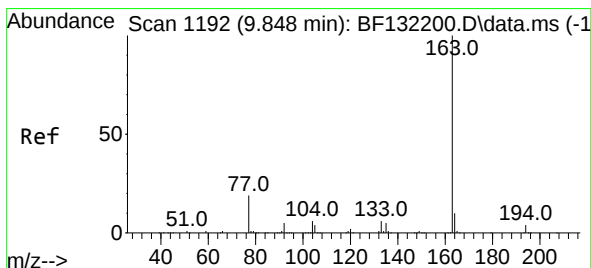
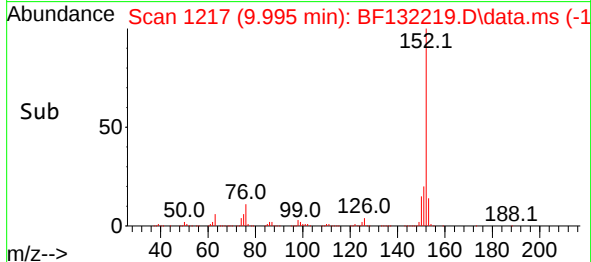
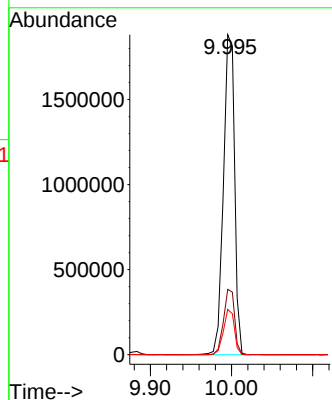
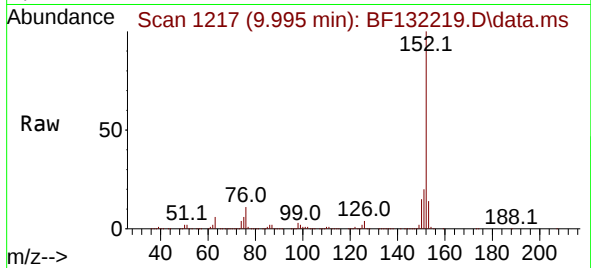




#49
Acenaphthylene
Concen: 46.232 ng
RT: 9.995 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

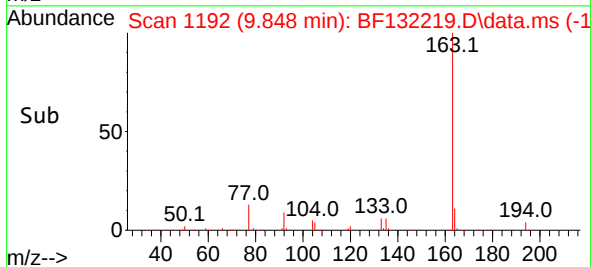
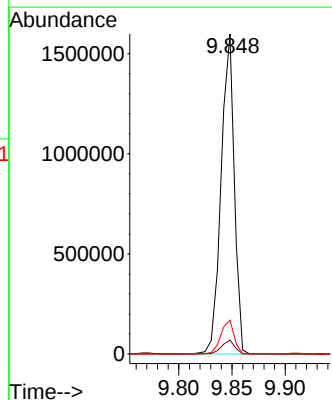
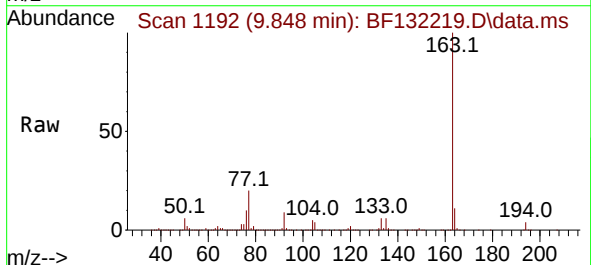
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

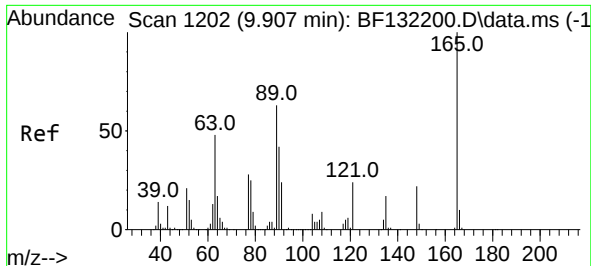
Tgt Ion:152 Resp: 1812077
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.1 10.9 16.3



#50
Dimethylphthalate
Concen: 48.034 ng
RT: 9.848 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:163 Resp: 1374888
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.6 8.3 12.5

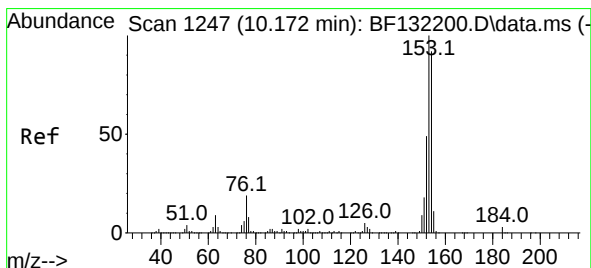
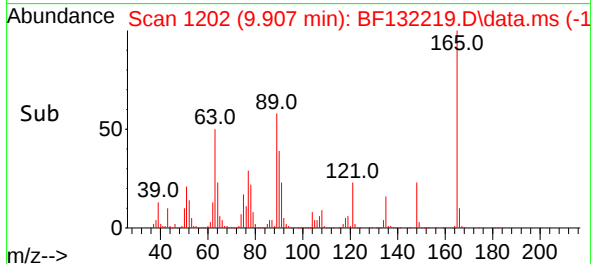
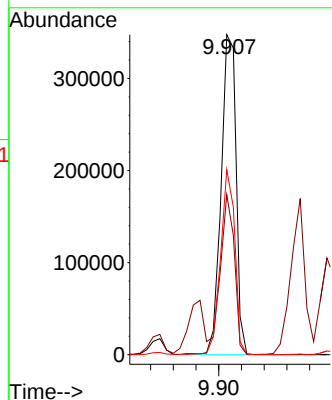
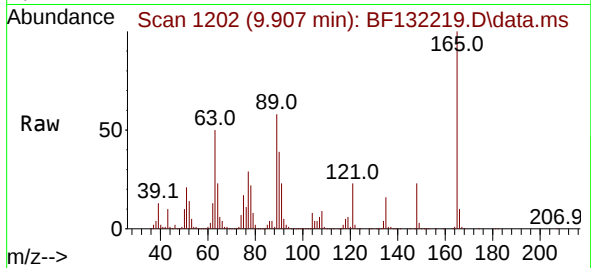




#51
2,6-Dinitrotoluene
Concen: 52.514 ng
RT: 9.907 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

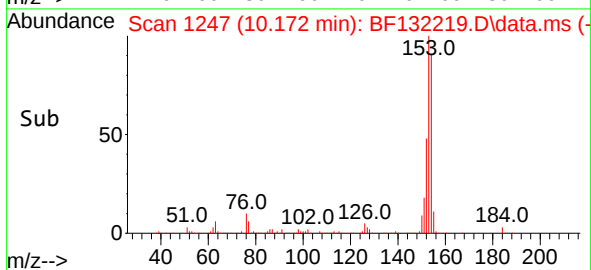
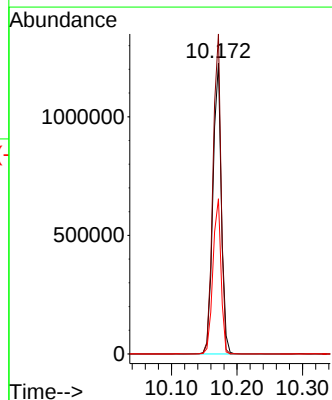
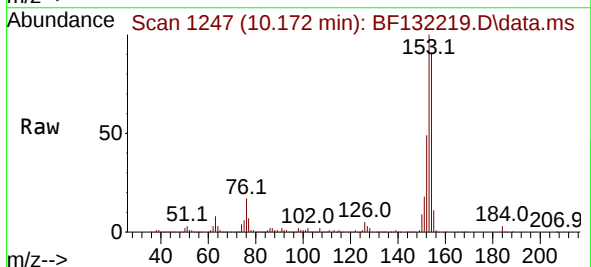
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

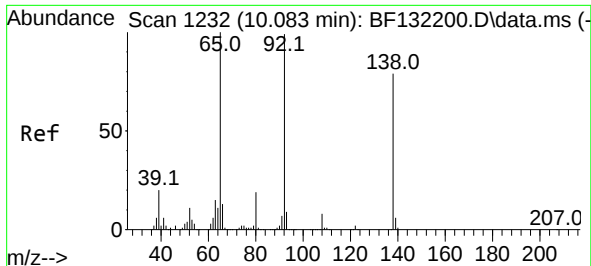
Tgt Ion:165 Resp: 319329
Ion Ratio Lower Upper
165 100
63 50.0 46.1 69.1
89 57.8 50.3 75.5



#52
Acenaphthene
Concen: 45.639 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:154 Resp: 1099834
Ion Ratio Lower Upper
154 100
153 110.1 87.3 130.9
152 53.4 43.2 64.8

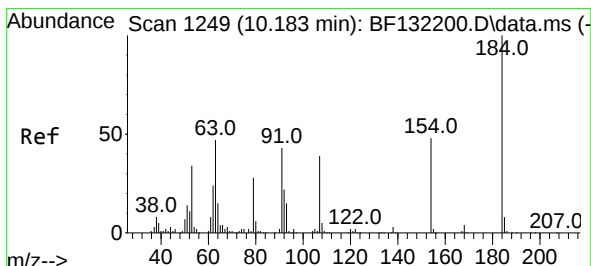
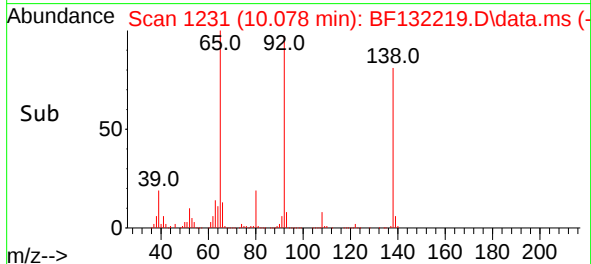
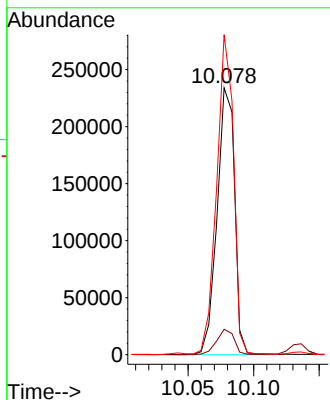
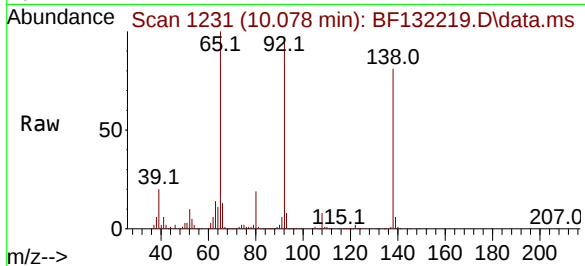




#53
3-Nitroaniline
Concen: 32.202 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

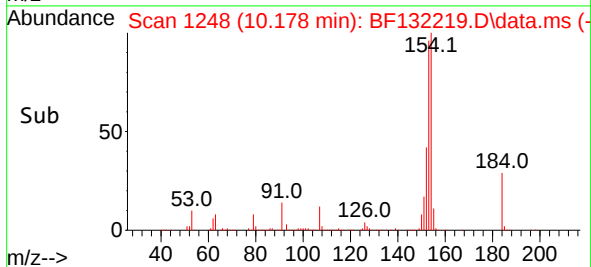
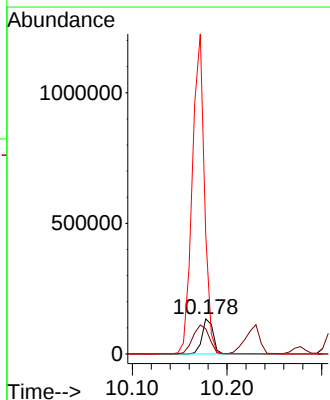
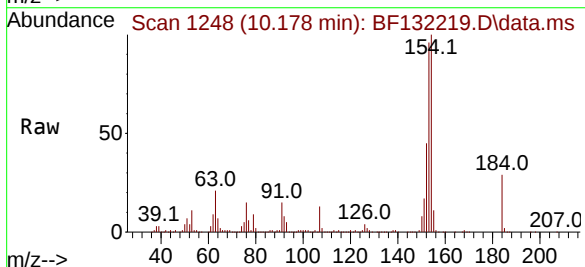
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

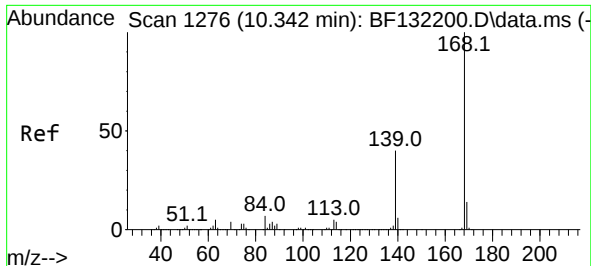
Tgt Ion:138 Resp: 216682
Ion Ratio Lower Upper
138 100
108 9.5 8.1 12.1
92 119.9 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 38.874 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:184 Resp: 109805
Ion Ratio Lower Upper
184 100
63 72.1 39.8 59.6#
154 341.6 54.2 81.2#

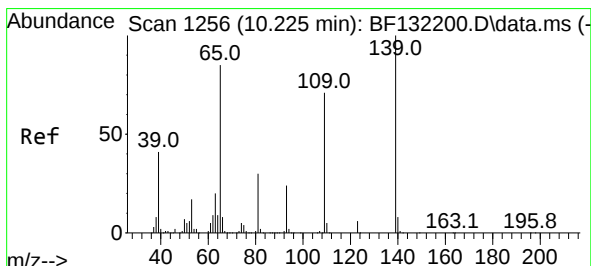
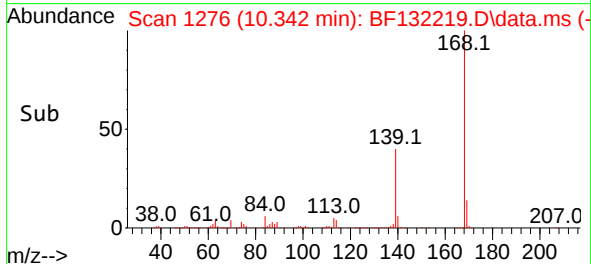
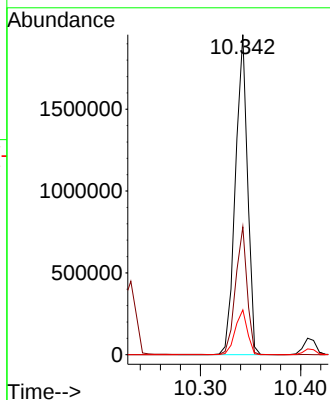
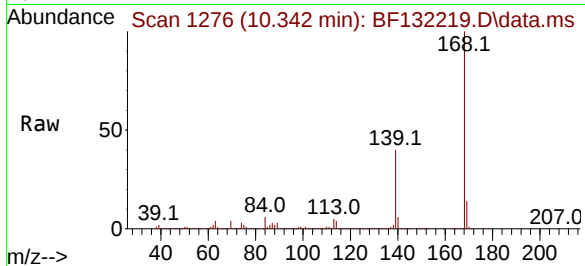




#55
Dibenzofuran
Concen: 45.704 ng
RT: 10.342 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

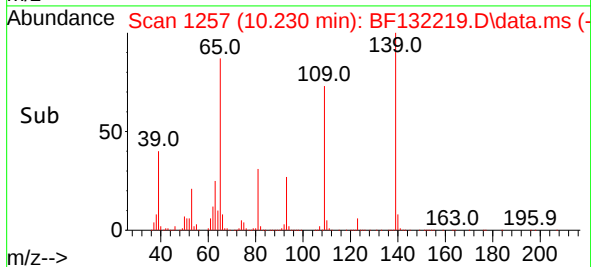
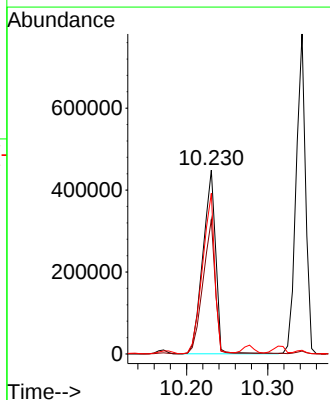
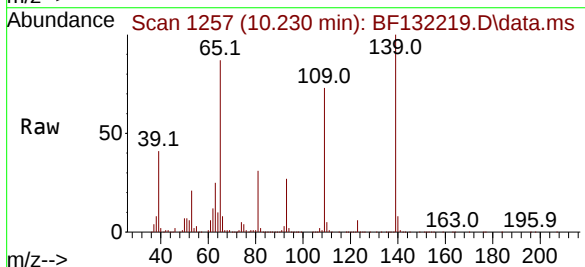
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

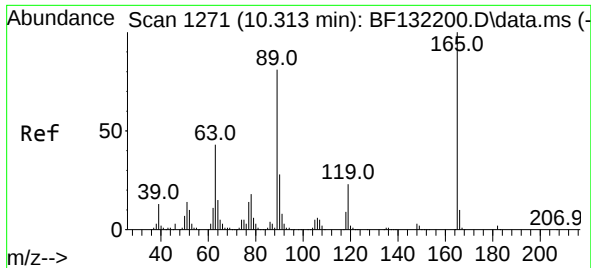
Tgt Ion:168 Resp: 1650052
Ion Ratio Lower Upper
168 100
139 39.9 31.7 47.5
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 100.959 ng
RT: 10.230 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:139 Resp: 490813
Ion Ratio Lower Upper
139 100
109 73.1 50.8 90.8
65 87.4 65.5 105.5

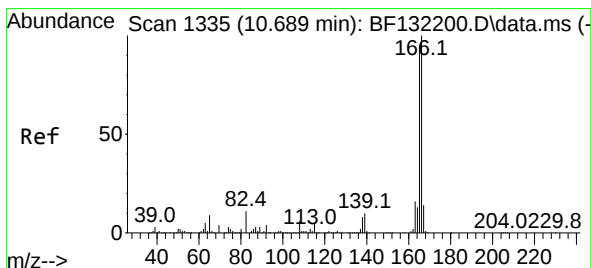
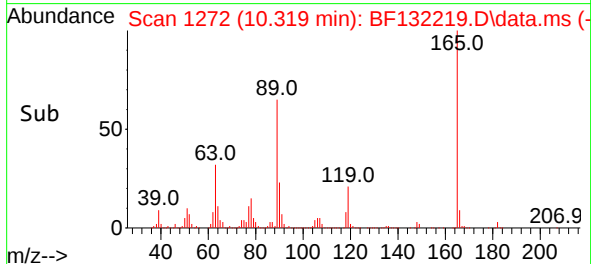
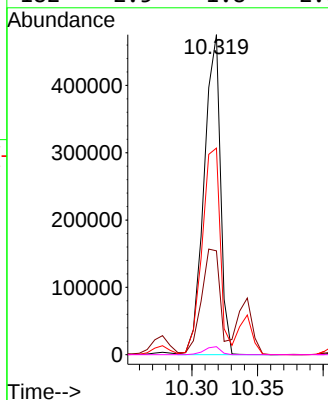
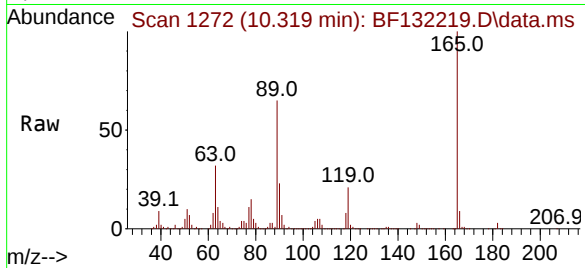




#57
2,4-Dinitrotoluene
Concen: 55.296 ng
RT: 10.319 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

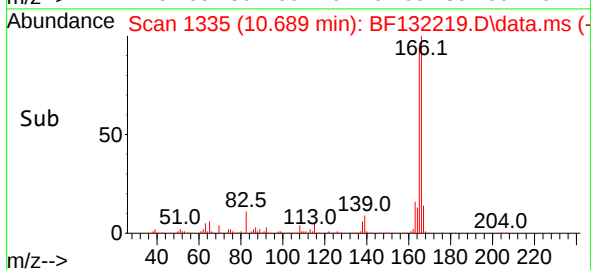
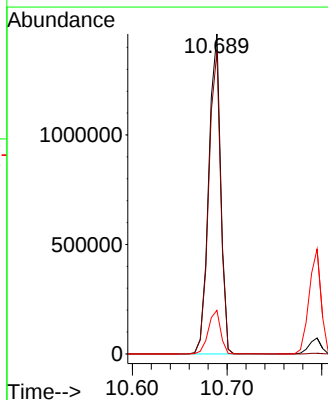
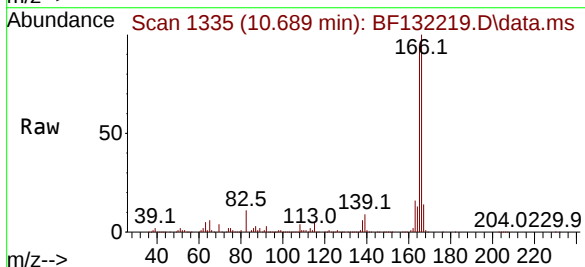
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

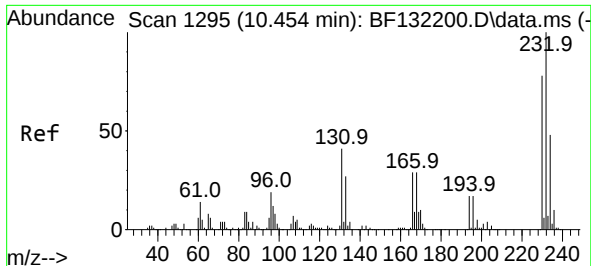
Tgt Ion:165 Resp: 413958
Ion Ratio Lower Upper
165 100
63 32.5 34.2 51.2#
89 64.6 65.1 97.7#
182 2.5 1.8 2.6



#58
Fluorene
Concen: 46.390 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:166 Resp: 1279266
Ion Ratio Lower Upper
166 100
165 94.4 76.3 114.5
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.232 ng

RT: 10.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

Tgt Ion:232 Resp: 382546

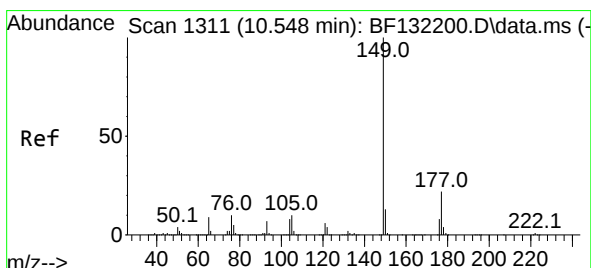
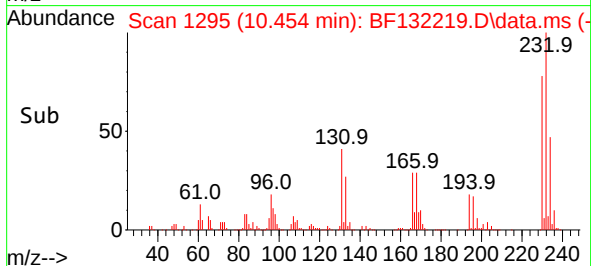
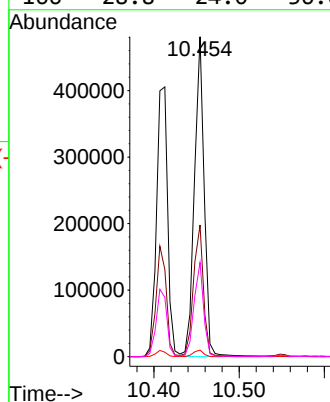
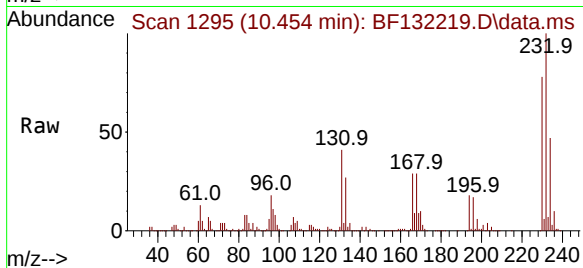
Ion Ratio Lower Upper

232 100

131 41.9 35.1 52.7

130 2.1 1.7 2.5

166 28.8 24.0 36.0



#60

Diethylphthalate

Concen: 48.739 ng

RT: 10.548 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

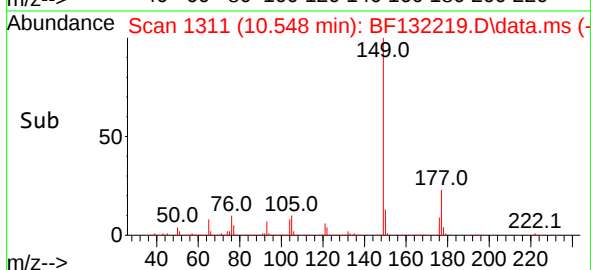
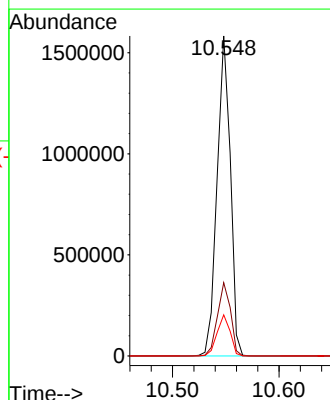
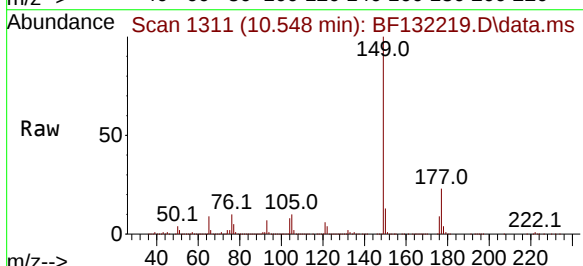
Tgt Ion:149 Resp: 1359887

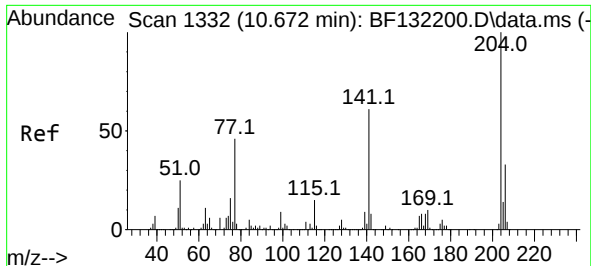
Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

150 12.8 10.2 15.4

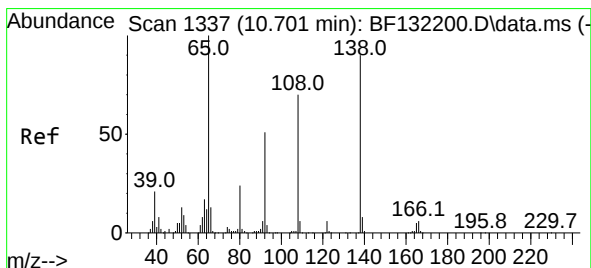
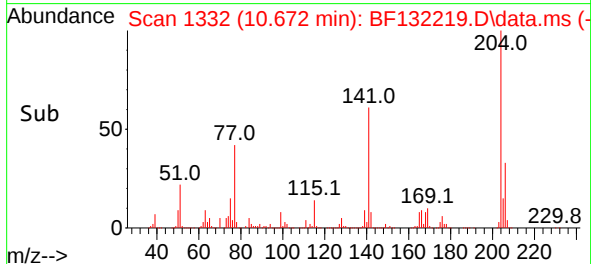
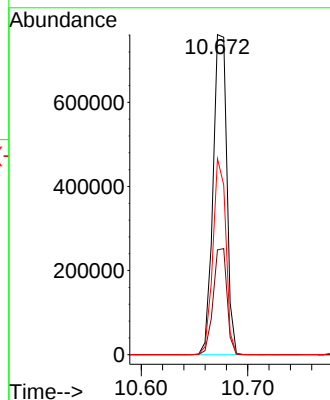
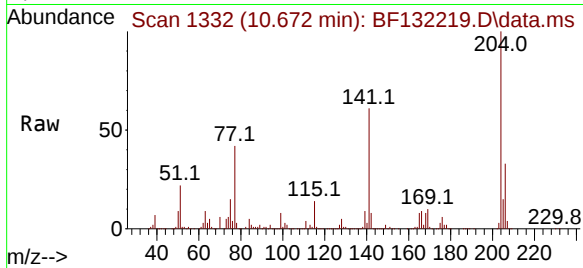




#61
4-Chlorophenyl-phenylether
Concen: 46.964 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

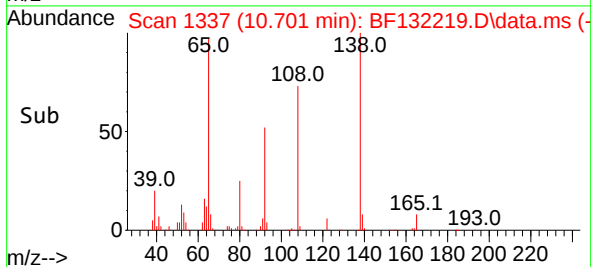
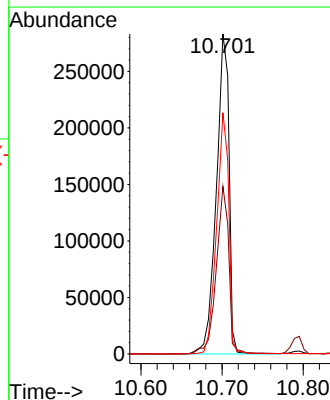
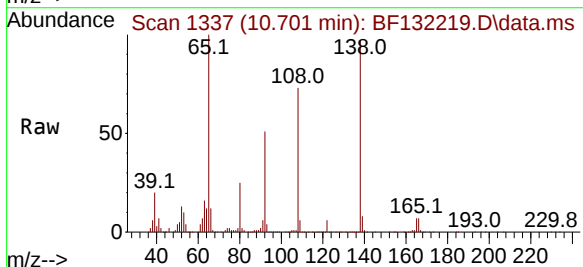
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

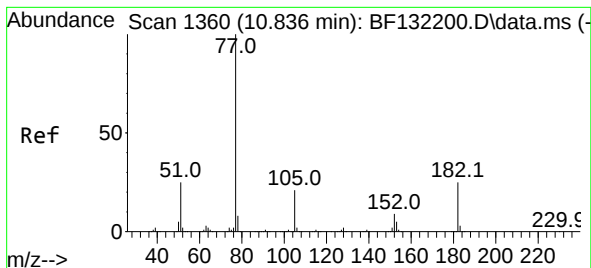
Tgt Ion:204 Resp: 683186
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.2 49.2 73.8



#62
4-Nitroaniline
Concen: 48.736 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:138 Resp: 307695
Ion Ratio Lower Upper
138 100
92 52.4 36.0 76.0
108 75.4 57.9 97.9





#63

Azobenzene

Concen: 50.125 ng

RT: 10.836 min Scan# 1475

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

Tgt Ion: 77 Resp: 1475955

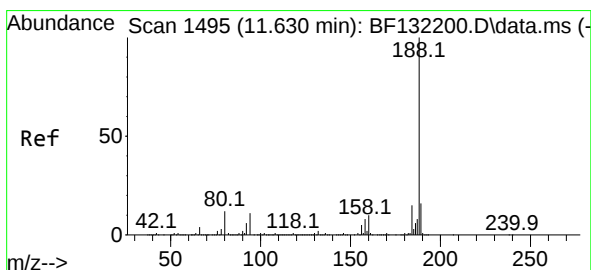
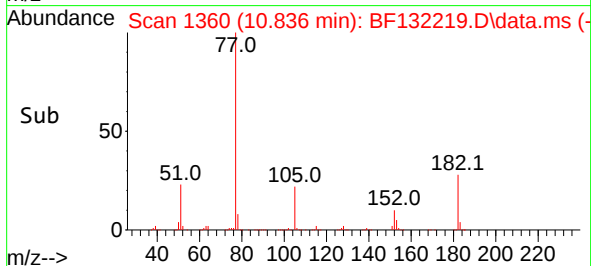
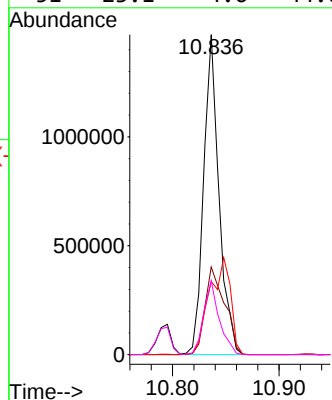
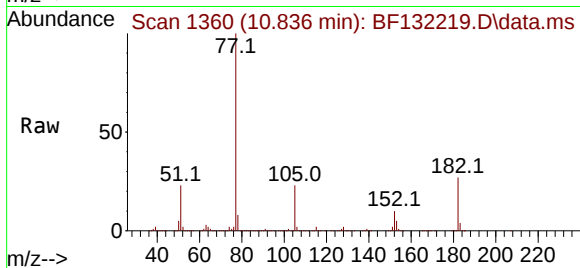
Ion Ratio Lower Upper

77 100

182 27.4 4.7 44.7

105 22.8 1.1 41.1

51 23.1 4.6 44.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.630 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

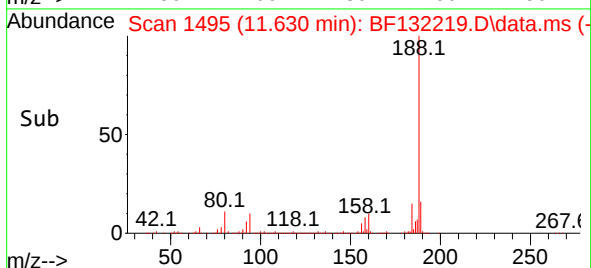
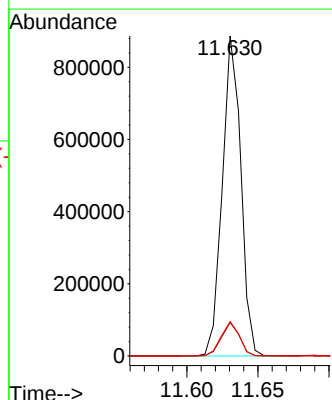
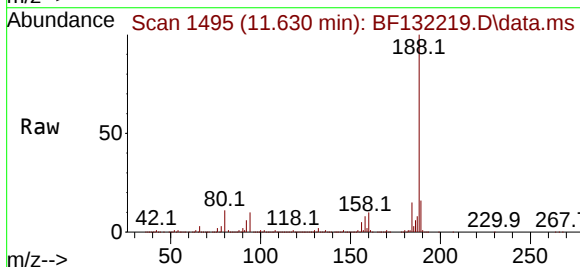
Tgt Ion:188 Resp: 803294

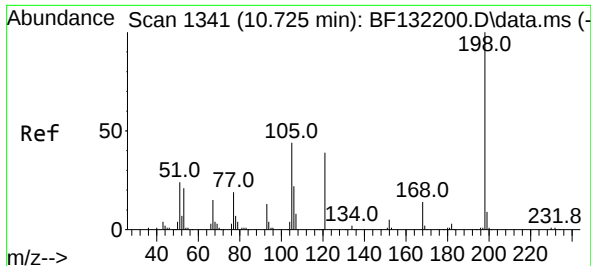
Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 10.7 9.2 13.8

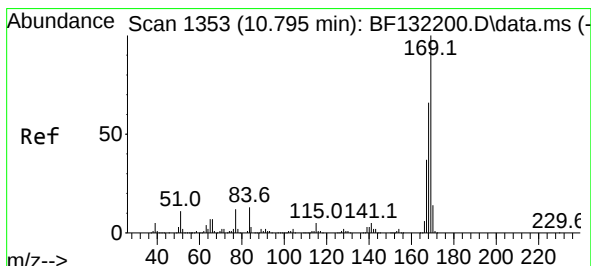
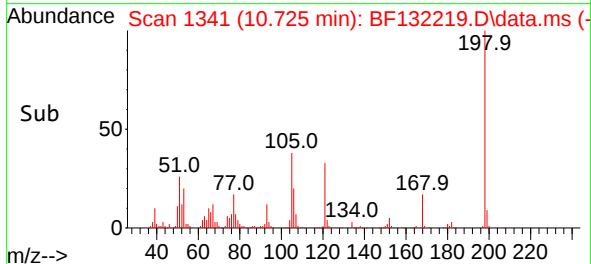
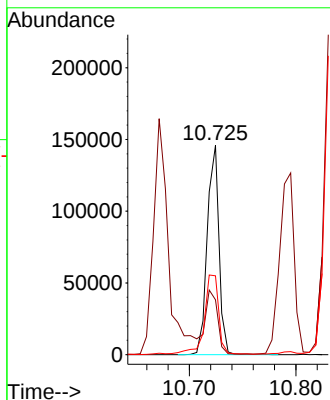
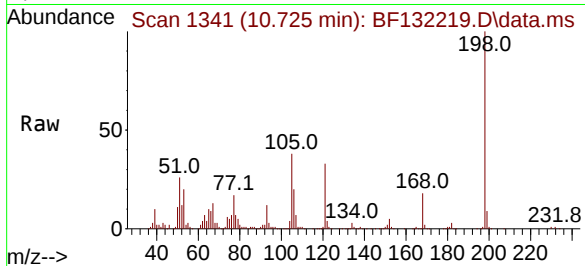




#65
4,6-Dinitro-2-methylphenol
Concen: 29.285 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

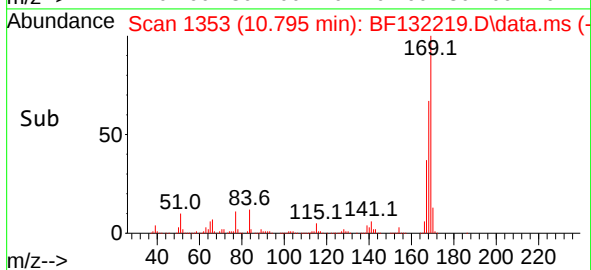
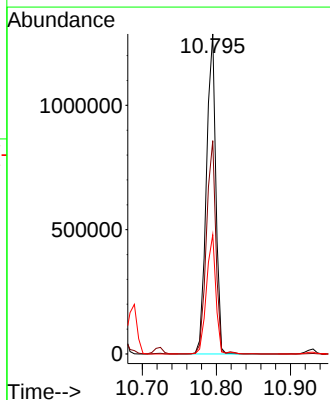
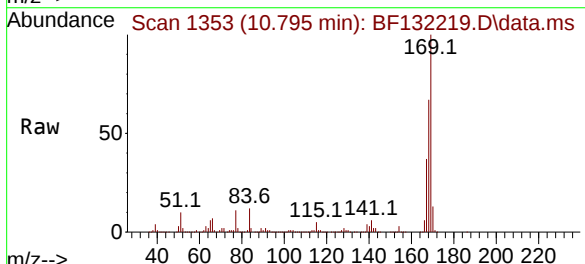
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

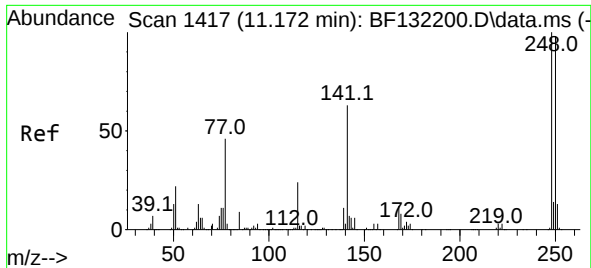
Tgt Ion:198 Resp: 112024
Ion Ratio Lower Upper
198 100
51 26.2 14.9 54.9
105 37.7 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 45.131 ng
RT: 10.795 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:169 Resp: 1138461
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 37.3 29.7 44.5

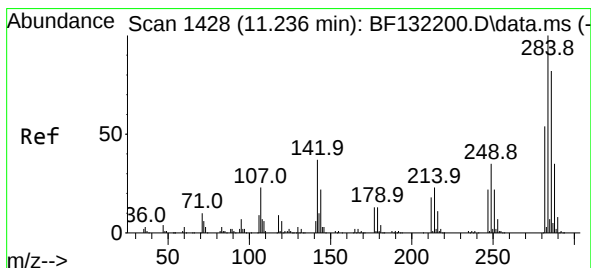
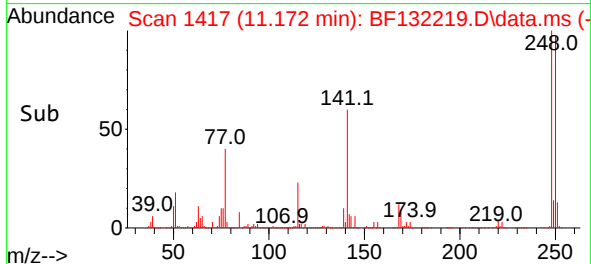
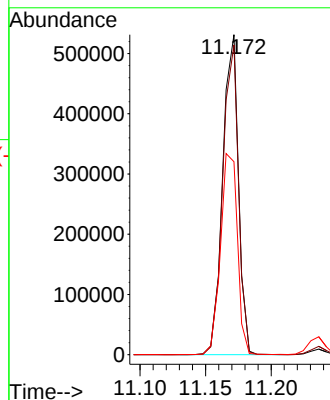
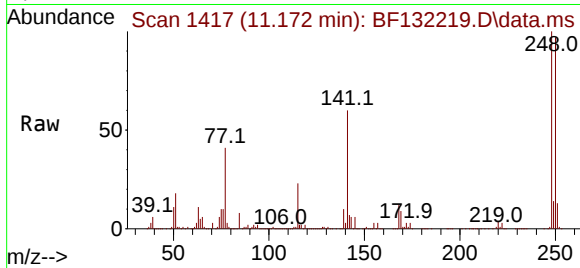




#67
4-Bromophenyl-phenylether
Concen: 47.942 ng
RT: 11.172 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

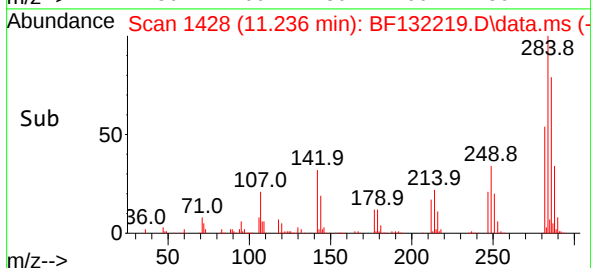
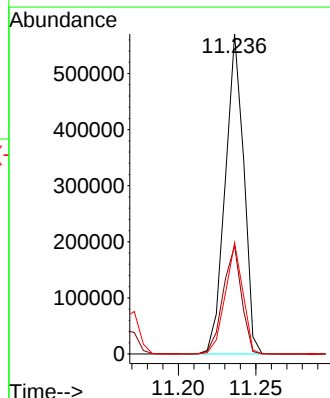
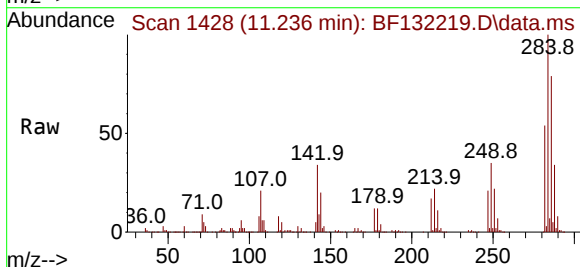
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

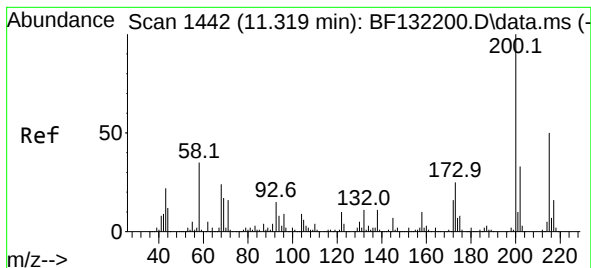
Tgt Ion:248 Resp: 443357
Ion Ratio Lower Upper
248 100
250 96.8 78.5 117.7
141 60.3 50.2 75.4



#68
Hexachlorobenzene
Concen: 51.581 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:284 Resp: 472650
Ion Ratio Lower Upper
284 100
142 33.8 29.4 44.2
249 34.8 27.8 41.8





#69

Atrazine

Concen: 55.933 ng

RT: 11.319 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

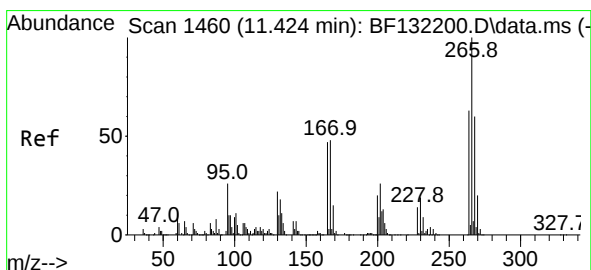
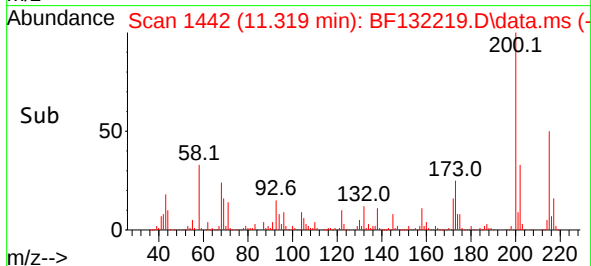
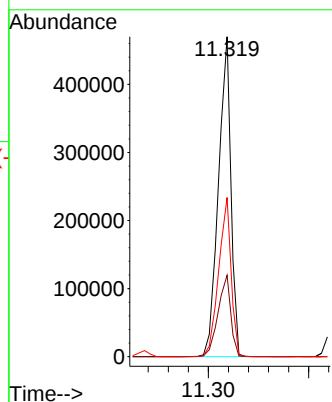
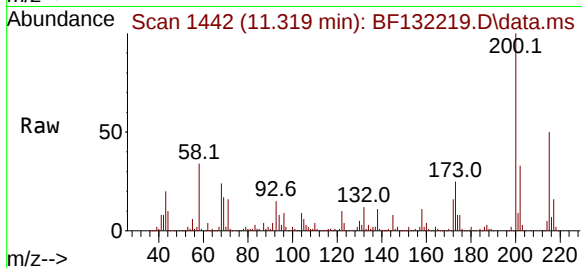
Tgt Ion:200 Resp: 404960

Ion Ratio Lower Upper

200 100

173 25.4 5.2 45.2

215 49.8 29.8 69.8



#70

Pentachlorophenol

Concen: 71.973 ng

RT: 11.430 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

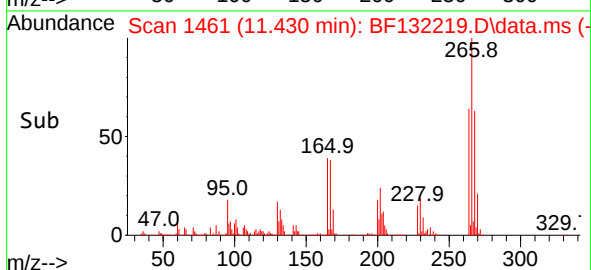
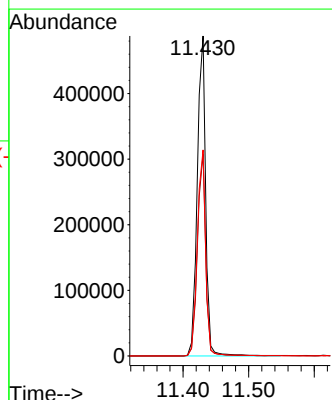
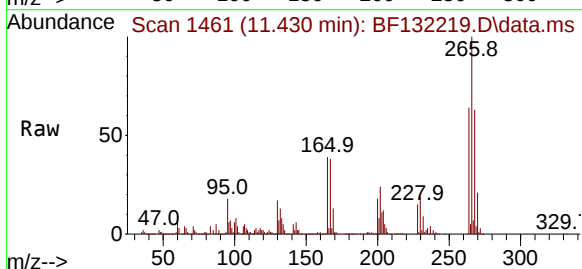
Tgt Ion:266 Resp: 435301

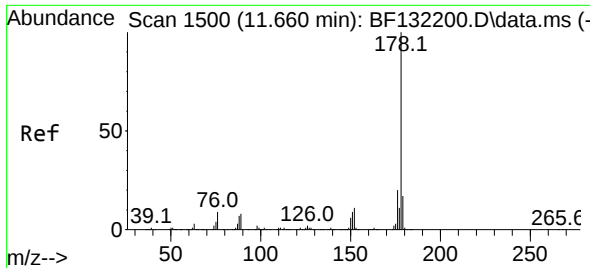
Ion Ratio Lower Upper

266 100

268 63.3 48.2 72.4

264 64.4 50.7 76.1

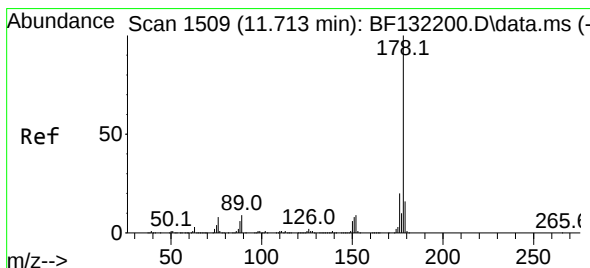
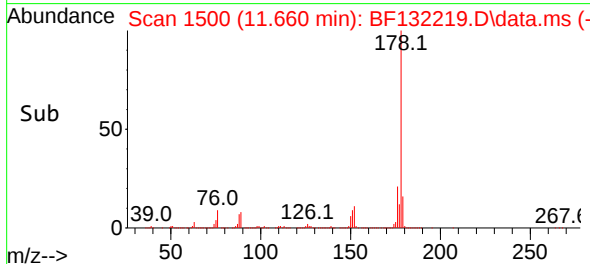
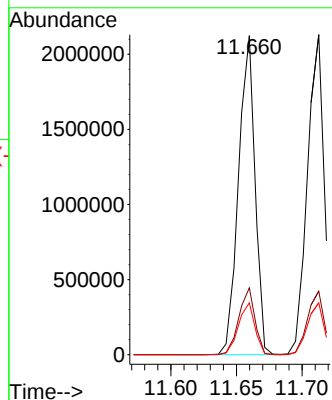
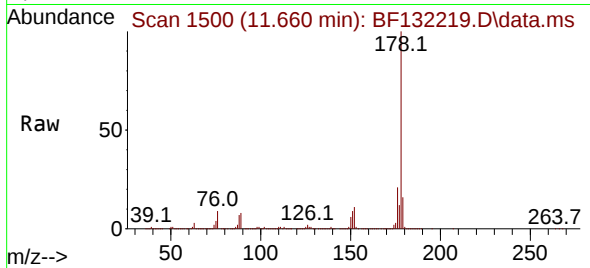




#71
Phenanthrene
Concen: 45.688 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

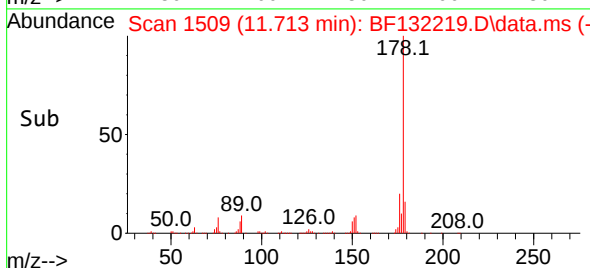
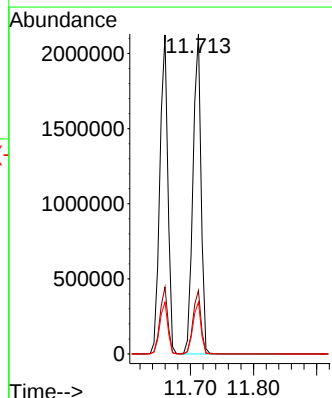
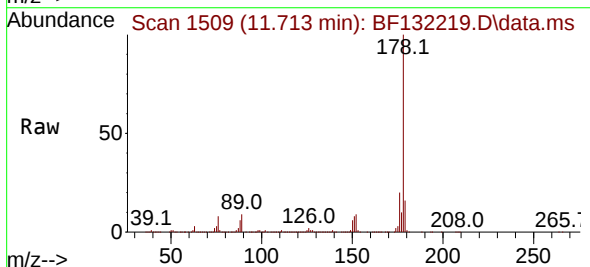
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

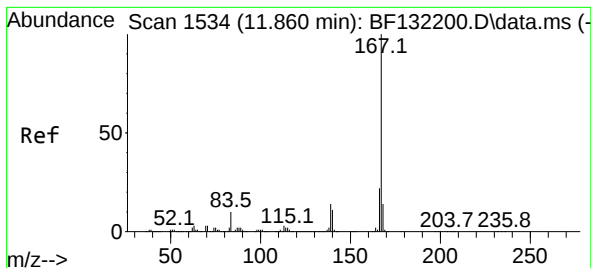
Tgt Ion:178 Resp: 1867060
Ion Ratio Lower Upper
178 100
176 20.9 16.4 24.6
179 16.2 13.3 19.9



#72
Anthracene
Concen: 45.587 ng
RT: 11.713 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:178 Resp: 1897007
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.2 13.0 19.6





#73

Carbazole

Concen: 47.109 ng

RT: 11.860 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

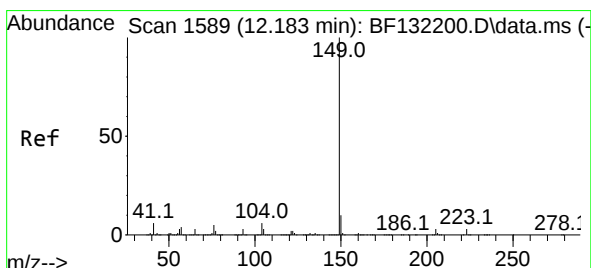
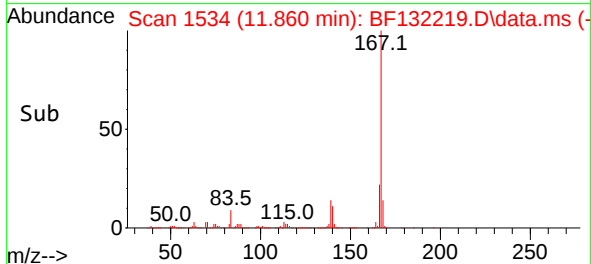
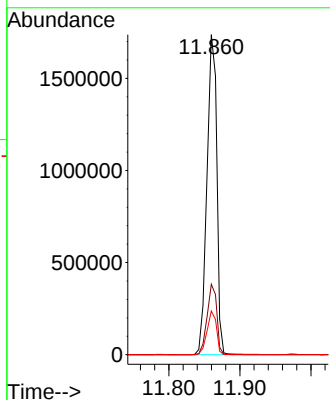
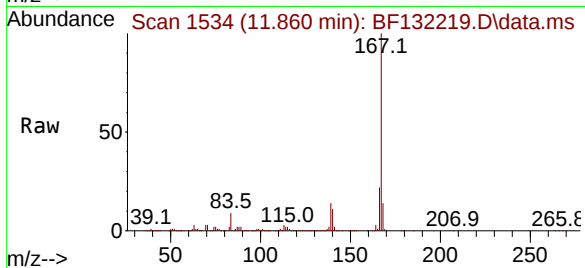
Tgt Ion:167 Resp: 1684063

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.511 ng

RT: 12.183 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

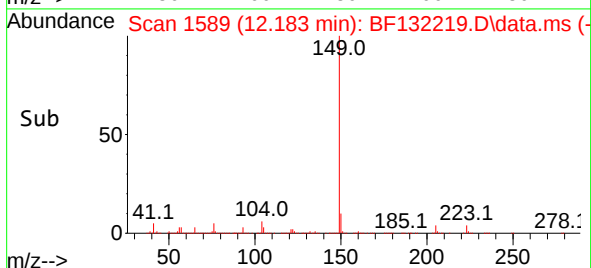
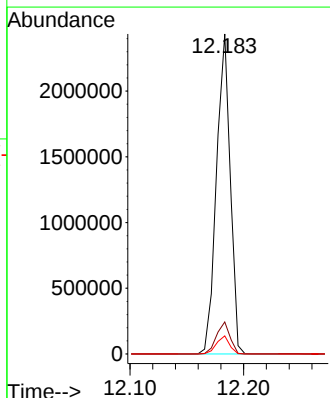
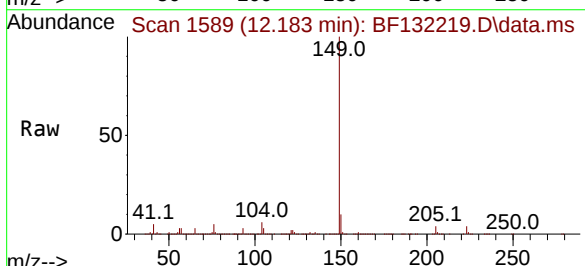
Tgt Ion:149 Resp: 2054235

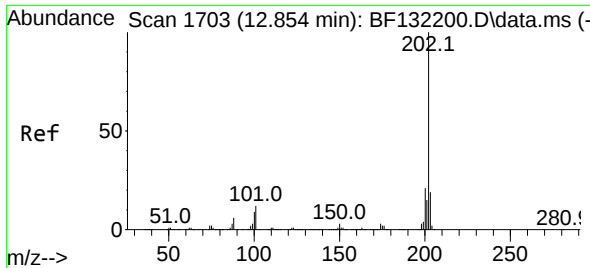
Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

104 5.7 4.6 7.0

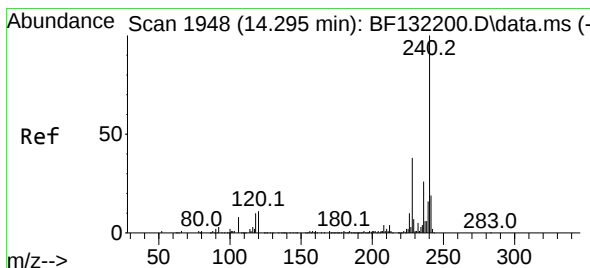
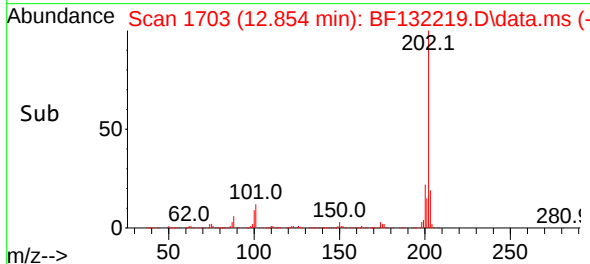
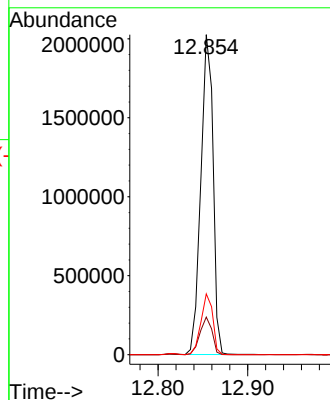
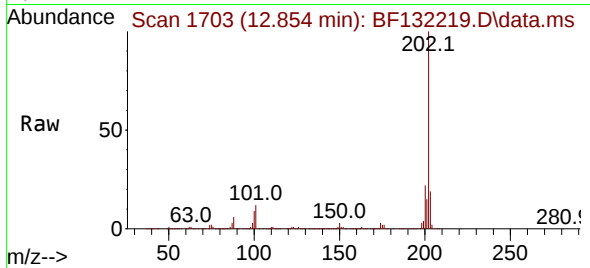




#75
Fluoranthene
Concen: 46.088 ng
RT: 12.854 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

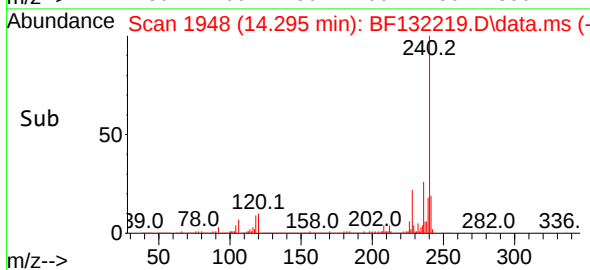
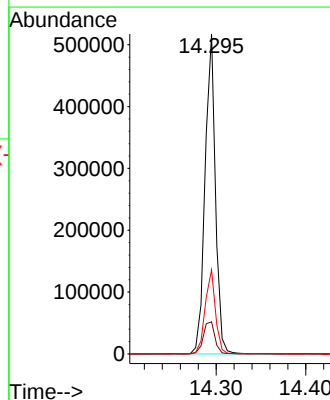
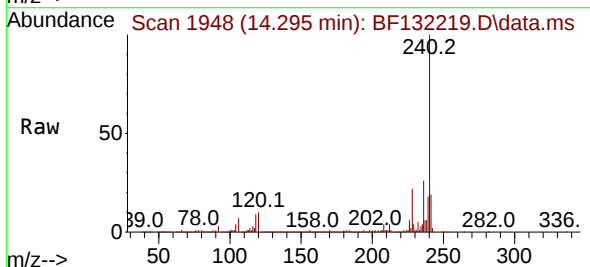
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

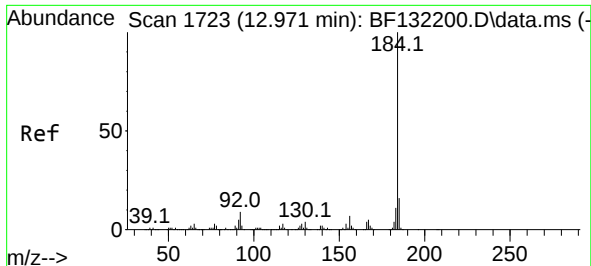
Tgt Ion:202 Resp: 1916320
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.5
203 19.0 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:240 Resp: 415373
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.3 20.8 31.2

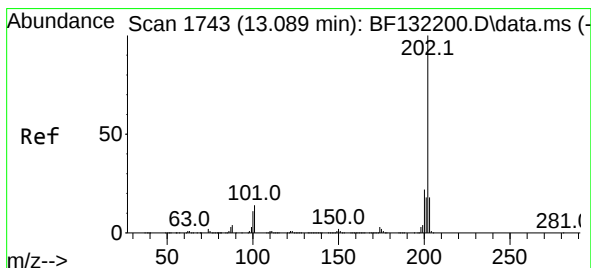
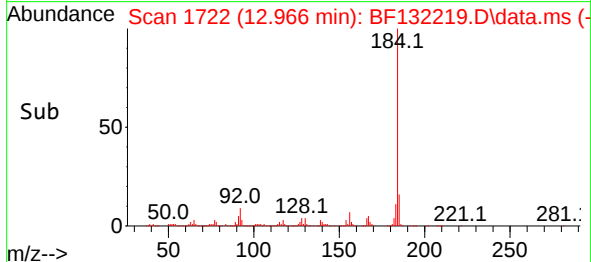
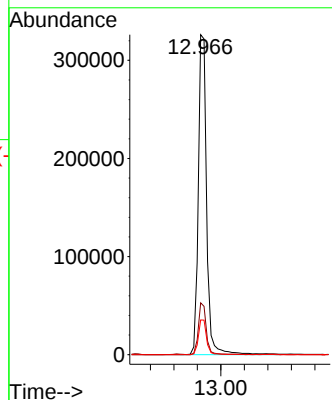
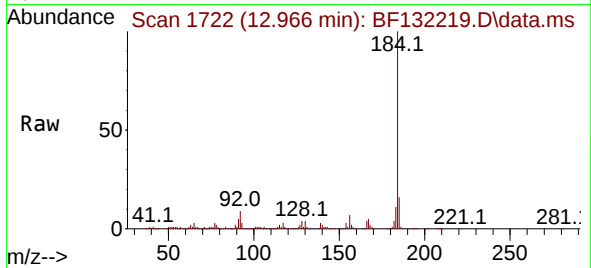




#77
Benzidine
Concen: 29.585 ng
RT: 12.966 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

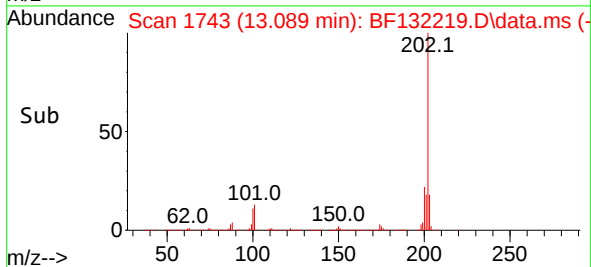
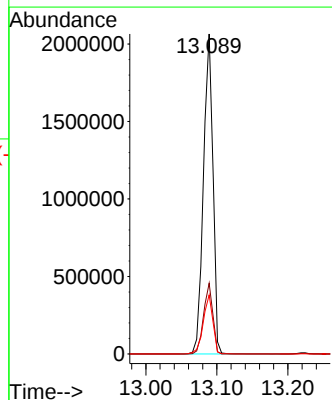
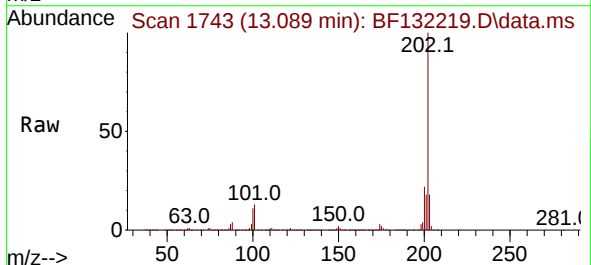
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

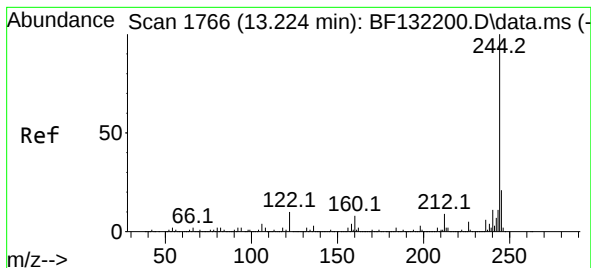
Tgt Ion:184 Resp: 320763
Ion Ratio Lower Upper
184 100
185 16.2 13.2 19.8
183 10.8 8.8 13.2



#78
Pyrene
Concen: 49.549 ng
RT: 13.089 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:202 Resp: 1928368
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.4 14.7 22.1





#79

Terphenyl-d14

Concen: 73.395 ng

RT: 13.224 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

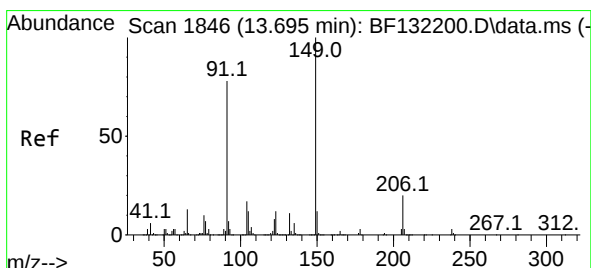
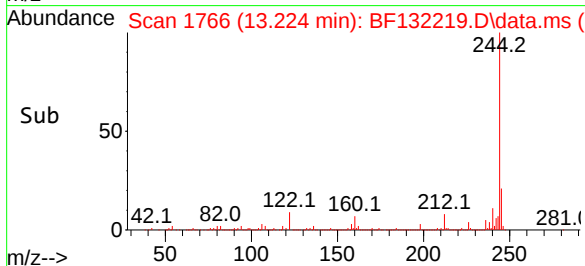
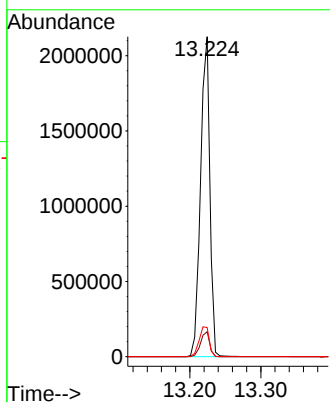
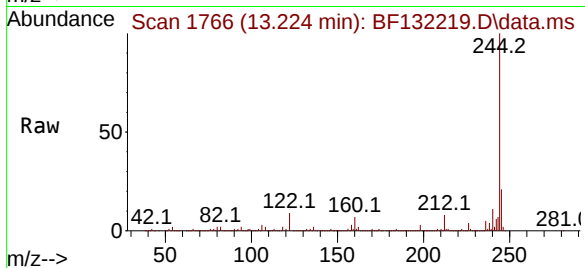
Tgt Ion:244 Resp: 1940428

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

122 9.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 54.618 ng

RT: 13.695 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

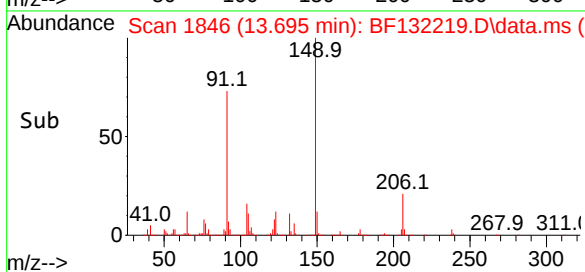
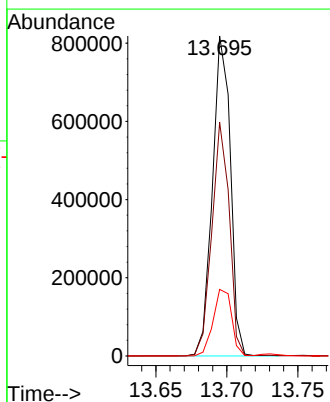
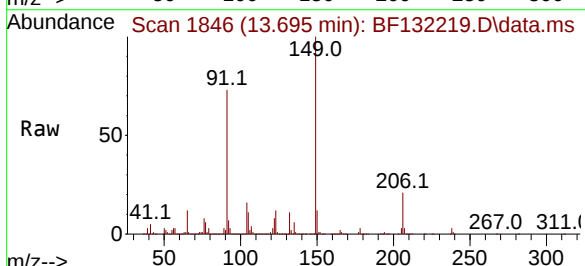
Tgt Ion:149 Resp: 718309

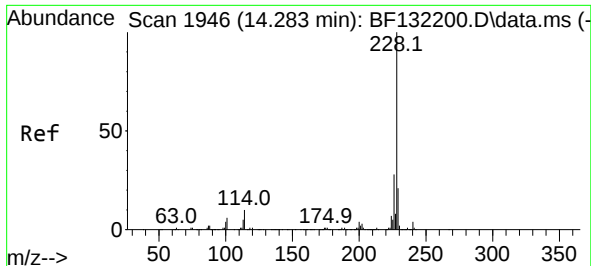
Ion Ratio Lower Upper

149 100

91 73.1 62.1 93.1

206 20.8 15.8 23.8

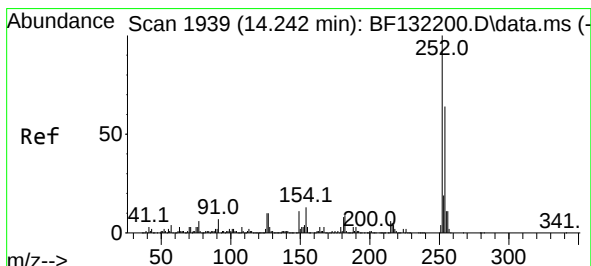
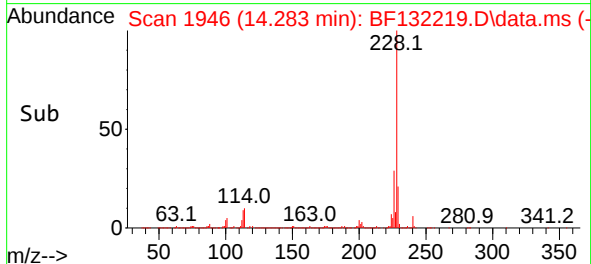
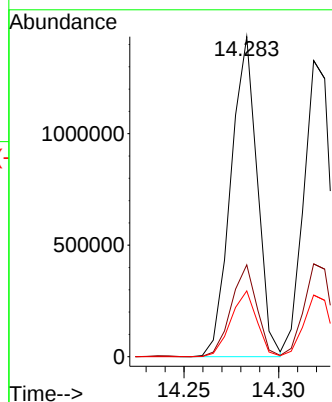
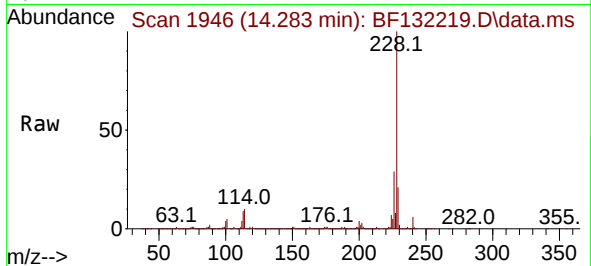




#81
Benzo(a)anthracene
Concen: 47.508 ng
RT: 14.283 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

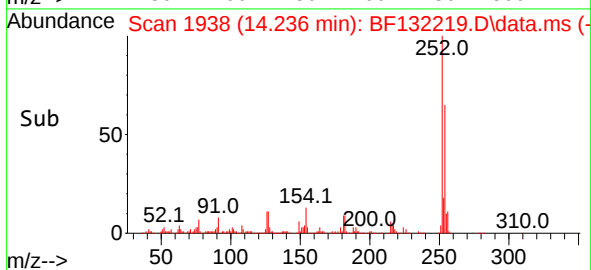
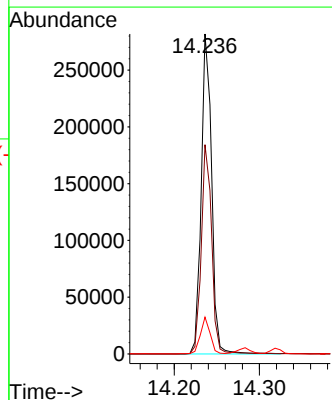
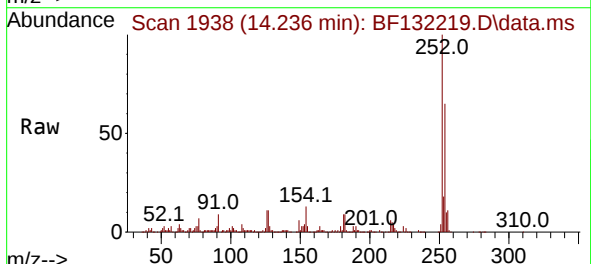
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

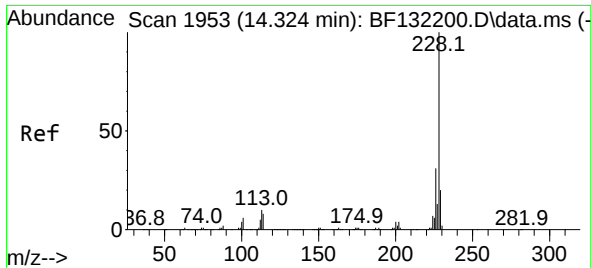
Tgt Ion:228 Resp: 1387477
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.6 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 30.186 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:252 Resp: 238901
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 11.5 8.0 12.0





#83

Chrysene

Concen: 47.333 ng

RT: 14.318 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

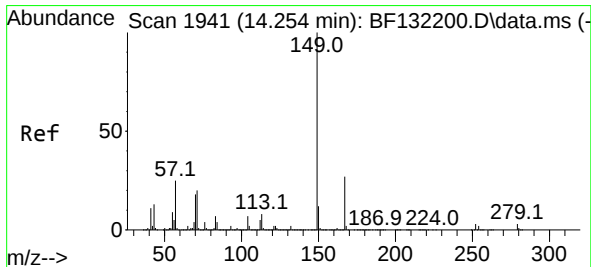
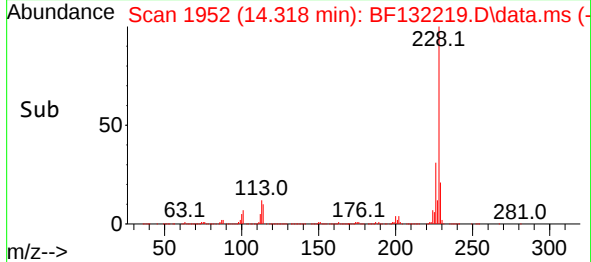
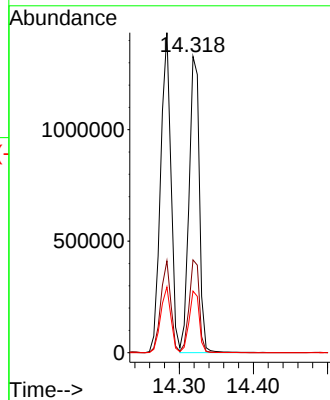
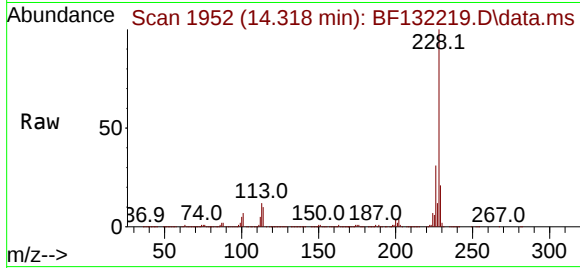
Tgt Ion:228 Resp: 1288252

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.073 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

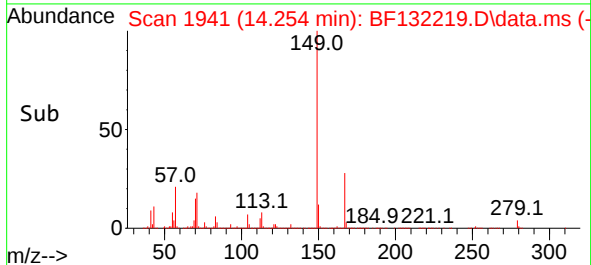
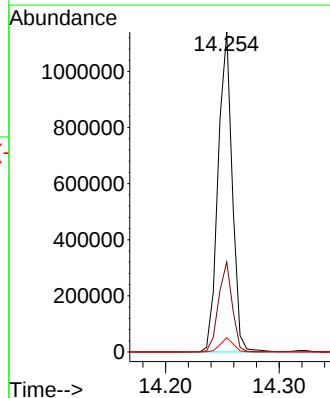
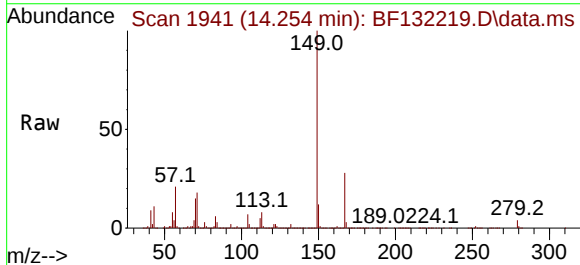
Tgt Ion:149 Resp: 986698

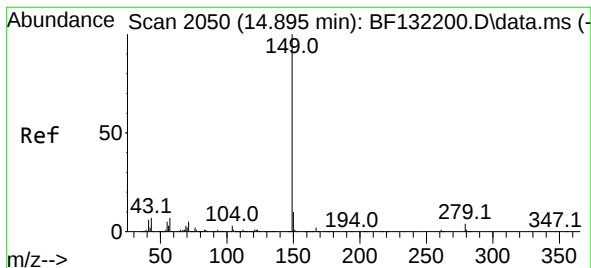
Ion Ratio Lower Upper

149 100

167 28.1 21.7 32.5

279 4.4 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 52.428 ng

RT: 14.889 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

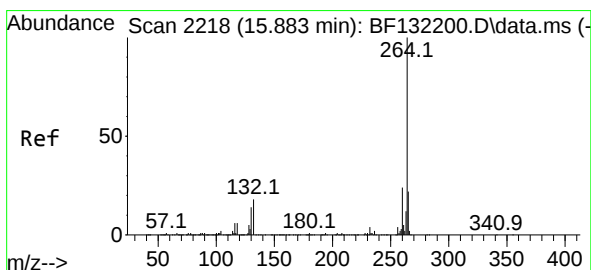
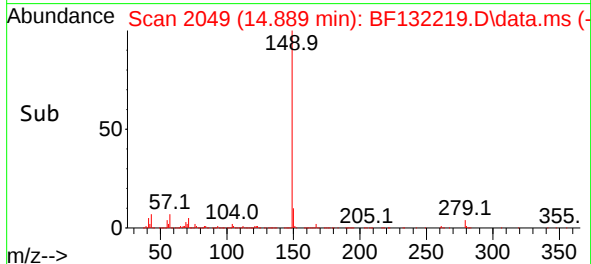
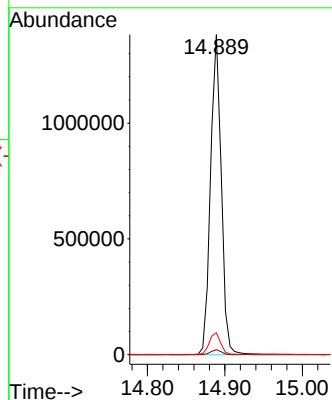
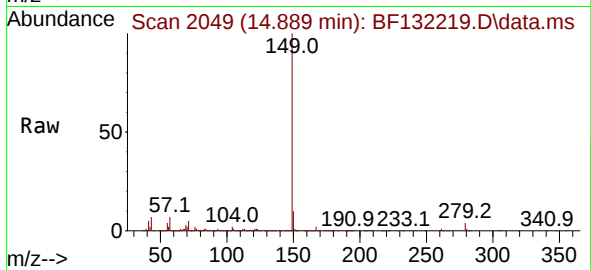
Tgt Ion:149 Resp: 1328556

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.2 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

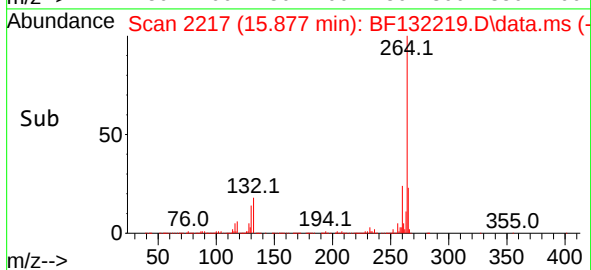
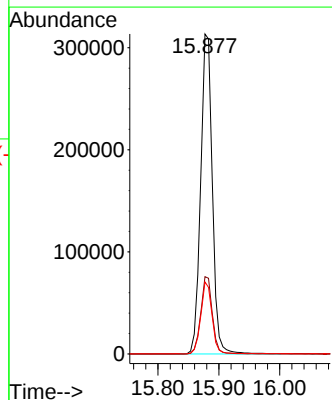
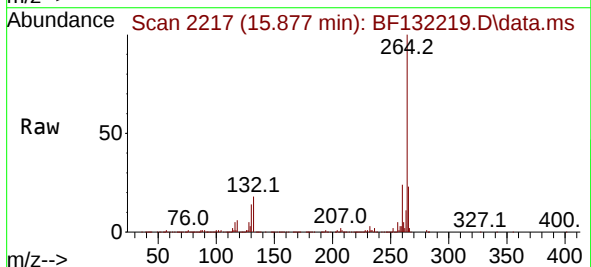
Tgt Ion:264 Resp: 419062

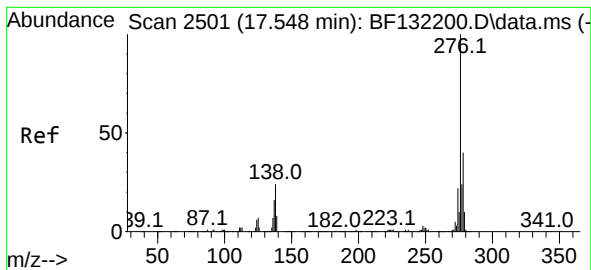
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.027 ng

RT: 17.542 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30MSD

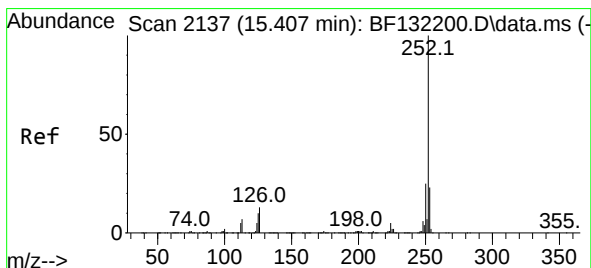
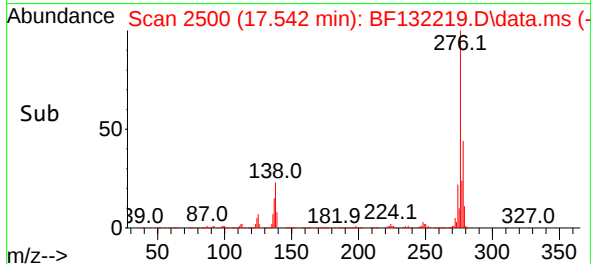
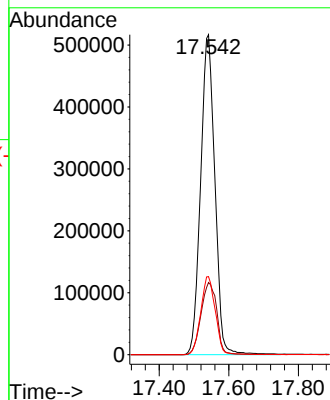
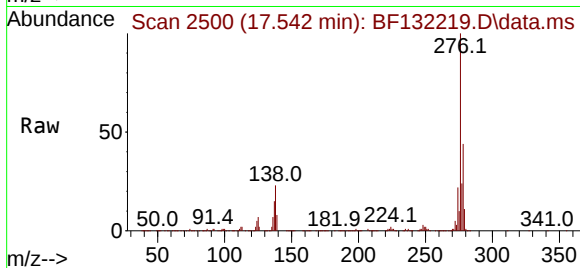
Tgt Ion:276 Resp: 1469198

Ion Ratio Lower Upper

276 100

138 25.0 21.0 31.6

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.079 ng

RT: 15.407 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF132219.D

Acq: 30 Jan 2023 19:40

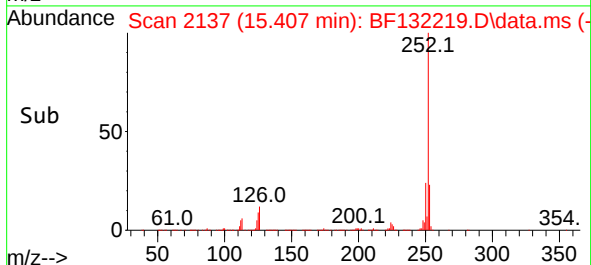
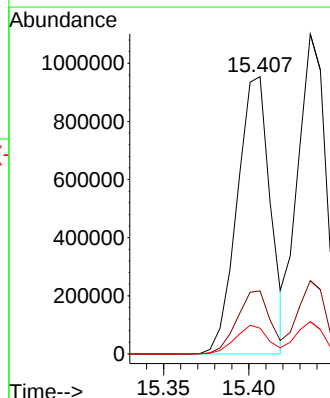
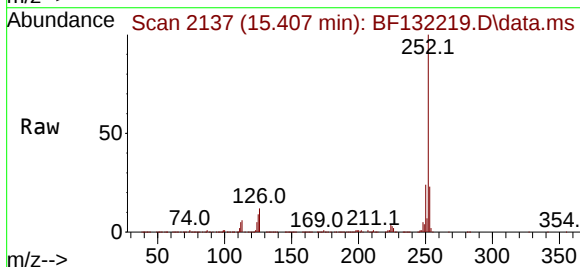
Tgt Ion:252 Resp: 1288923

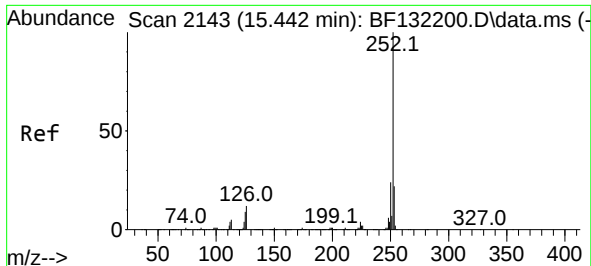
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 9.3 8.2 12.4

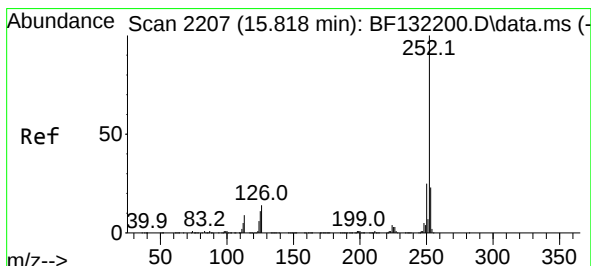
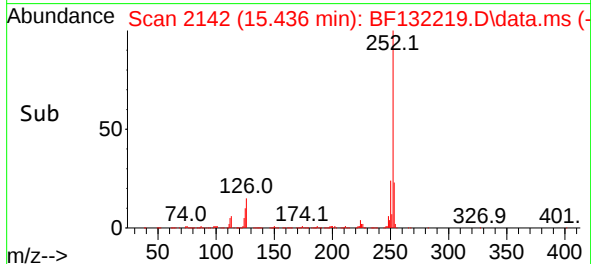
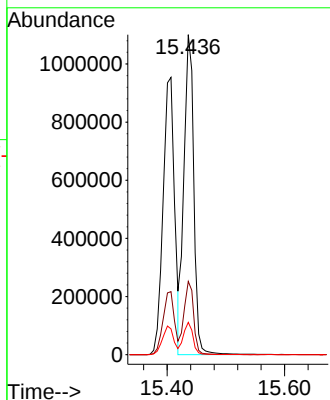
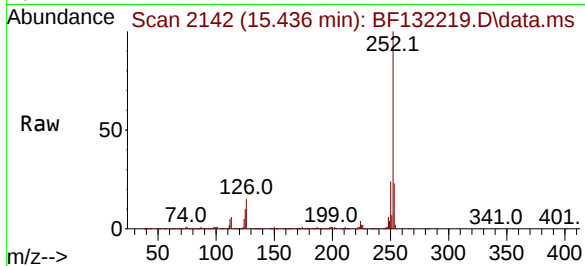




#89
Benzo(k)fluoranthene
Concen: 48.387 ng
RT: 15.436 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

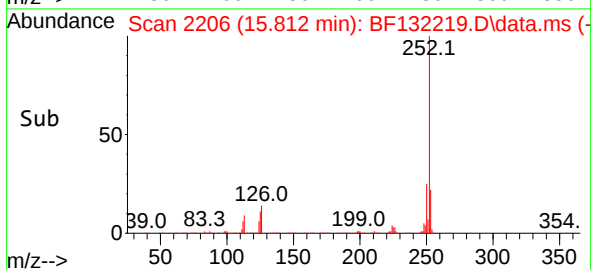
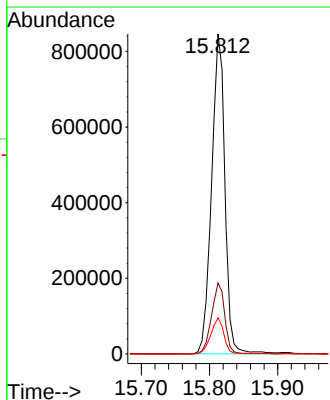
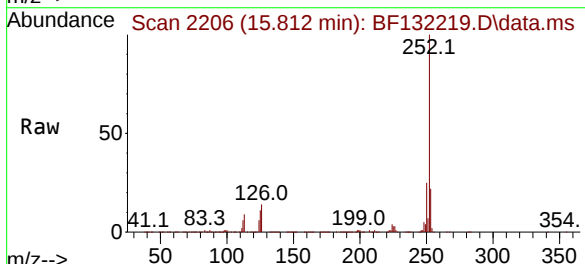
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

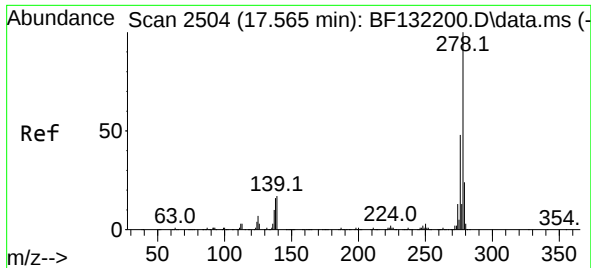
Tgt Ion:252 Resp: 1285015
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.338 ng
RT: 15.812 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:252 Resp: 1149848
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 11.3 9.0 13.6

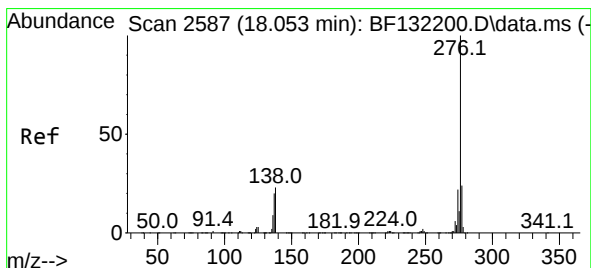
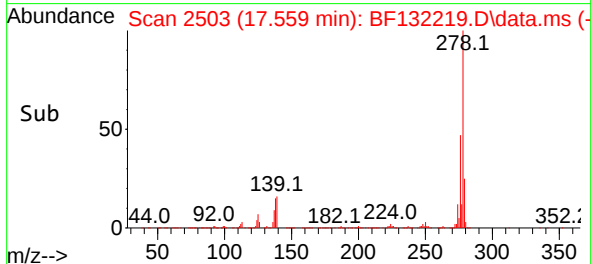
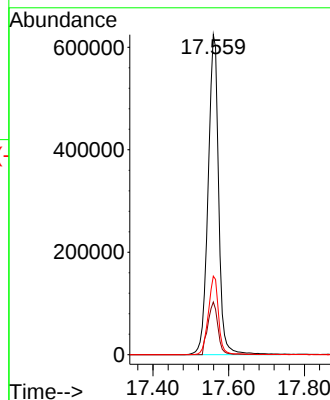
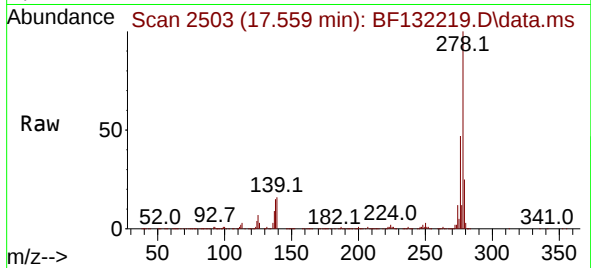




#91
Dibenzo(a,h)anthracene
Concen: 53.047 ng
RT: 17.559 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

Tgt Ion:278 Resp: 1201668
Ion Ratio Lower Upper
278 100
139 16.5 13.2 19.8
279 24.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 51.349 ng
RT: 18.048 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BF132219.D
Acq: 30 Jan 2023 19:40

Tgt Ion:276 Resp: 1185984
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 22.0 18.3 27.5

