

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131905.D
 Acq On : 04 Jan 2023 18:34
 Operator : CG\JU
 Sample : N6239-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

Quant Time: Jan 05 05:44:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	72226	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	262679	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	141230	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	226519	20.000	ng	0.00
76) Chrysene-d12	14.016	240	152071	20.000	ng	0.00
86) Perylene-d12	15.492	264	174148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	526013	120.693	ng	0.02
7) Phenol-d6	6.457	99	630685	110.145	ng	0.00
23) Nitrobenzene-d5	7.387	82	515077	78.289	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	172459	112.390	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	862476	83.648	ng	0.00
79) Terphenyl-d14	12.951	244	676672	75.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	83353	41.243	ng	# 83
3) Pyridine	3.434	79	189141	33.289	ng	97
4) n-Nitrosodimethylamine	3.369	42	111962	41.909	ng	97
6) Aniline	6.481	93	107711	15.511	ng	# 82
8) 2-Chlorophenol	6.604	128	195511	42.579	ng	96
9) Benzaldehyde	6.369	77	110718	30.135	ng	97
10) Phenol	6.469	94	236751	34.720	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	215574	44.210	ng	99
12) 1,3-Dichlorobenzene	6.757	146	218701	41.679	ng	99
13) 1,4-Dichlorobenzene	6.834	146	222175	42.014	ng	97
14) 1,2-Dichlorobenzene	6.987	146	212393	42.744	ng	99
15) Benzyl Alcohol	6.963	79	219326	43.680	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	275702	44.306	ng	88
17) 2-Methylphenol	7.081	107	172089	40.996	ng	97
18) Hexachloroethane	7.328	117	88564	41.475	ng	92
19) n-Nitroso-di-n-propyla...	7.234	70	172303	42.608	ng	99
20) 3+4-Methylphenols	7.234	107	215845	39.409	ng	92
22) Acetophenone	7.234	105	329619	42.802	ng	97
24) Nitrobenzene	7.410	77	268442	40.713	ng	96
25) Isophorone	7.645	82	462865	43.080	ng	100
26) 2-Nitrophenol	7.722	139	108003	42.129	ng	97
27) 2,4-Dimethylphenol	7.763	122	171062	46.779	ng	96
28) bis(2-Chloroethoxy)met...	7.857	93	263401	45.696	ng	99
29) 2,4-Dichlorophenol	7.969	162	176106	39.973	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	208769	39.967	ng	99
31) Naphthalene	8.128	128	583084	40.532	ng	99
32) Benzoic acid	7.898	122	94561	35.379	ng	93
33) 4-Chloroaniline	8.181	127	48073	8.709	ng	98
34) Hexachlorobutadiene	8.240	225	139869	39.138	ng	99
35) Caprolactam	8.557	113	25744	19.736	ng	93
36) 4-Chloro-3-methylphenol	8.675	107	194894	39.141	ng	96
37) 2-Methylnaphthalene	8.822	142	382778	39.646	ng	98
38) 1-Methylnaphthalene	8.922	142	352613	37.599	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	217126	43.785	ng	99
41) Hexachlorocyclopentadiene	8.969	237	136413	62.840	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	131562	41.423	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131905.D
 Acq On : 04 Jan 2023 18:34
 Operator : CG\JU
 Sample : N6239-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

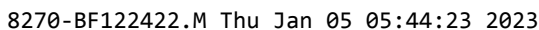
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

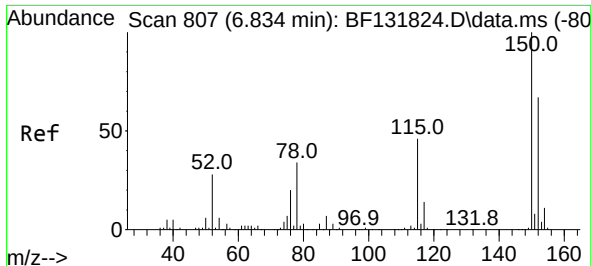
Quant Time: Jan 05 05:44:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	137887	40.163	ng	92
46) 1,1'-Biphenyl	9.287	154	473627	43.803	ng	99
47) 2-Chloronaphthalene	9.316	162	377385	42.188	ng	99
48) 2-Nitroaniline	9.416	65	127928	39.016	ng	98
49) Acenaphthylene	9.734	152	544487	40.878	ng	99
50) Dimethylphthalate	9.592	163	445499	41.696	ng	99
51) 2,6-Dinitrotoluene	9.657	165	94414	40.820	ng	97
52) Acenaphthene	9.904	154	322095	40.067	ng	100
53) 3-Nitroaniline	9.828	138	39114	16.597	ng	99
54) 2,4-Dinitrophenol	9.939	184	67985	51.077	ng	96
55) Dibenzofuran	10.075	168	495009	39.967	ng	98
56) 4-Nitrophenol	10.004	139	105263	63.760	ng	97
57) 2,4-Dinitrotoluene	10.063	165	119982	37.931	ng	91
58) Fluorene	10.422	166	382809	37.860	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	98578	34.989	ng	95
60) Diethylphthalate	10.292	149	411759	40.041	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	214168	40.745	ng	99
62) 4-Nitroaniline	10.445	138	75134	30.590	ng	98
63) Azobenzene	10.575	77	436955	38.287	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	48050	31.155	ng	94
66) n-Nitrosodiphenylamine	10.533	169	324844	47.012	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	120815	46.018	ng	99
68) Hexachlorobenzene	10.963	284	125105	43.379	ng	98
69) Atrazine	11.063	200	114259	50.228	ng	97
70) Pentachlorophenol	11.169	266	118999	83.386	ng	98
71) Phenanthrene	11.386	178	489537	39.300	ng	99
72) Anthracene	11.439	178	492315	40.401	ng	99
73) Carbazole	11.598	167	417737	38.832	ng	98
74) Di-n-butylphthalate	11.922	149	543511	41.800	ng	100
75) Fluoranthene	12.580	202	463266	31.929	ng	98
77) Benzidine	12.704	184	72859	29.154	ng	99
78) Pyrene	12.810	202	462762	36.306	ng	100
80) Butylbenzylphthalate	13.427	149	181252	38.339	ng	93
81) Benzo(a)anthracene	14.004	228	448850	40.767	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	96467	30.313	ng	96
83) Chrysene	14.039	228	420991	40.690	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	257052	44.656	ng #	95
85) Di-n-octyl phthalate	14.604	149	460255	59.395	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	479311	43.323	ng	99
88) Benzo(b)fluoranthene	15.063	252	474143	37.132	ng	99
89) Benzo(k)fluoranthene	15.092	252	460100	37.292	ng	98
90) Benzo(a)pyrene	15.433	252	411957	41.671	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	410211	45.265	ng	100
92) Benzo(g,h,i)perylene	17.427	276	359389	35.110	ng	98

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

Quant Time: Jan 05 05:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

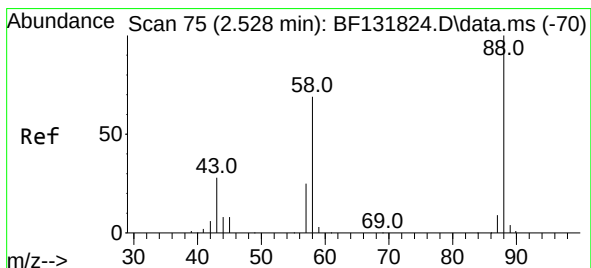
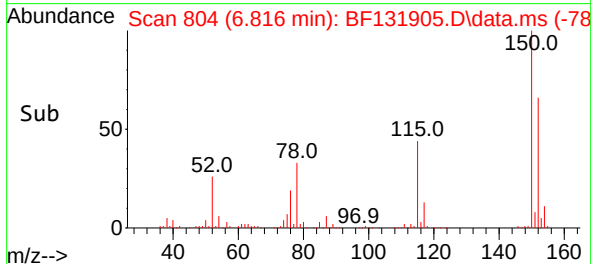
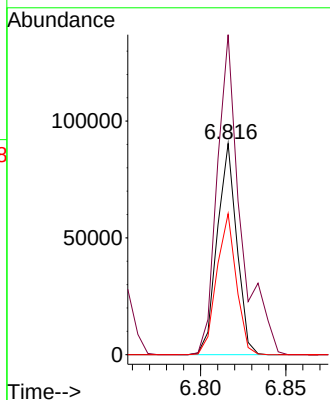
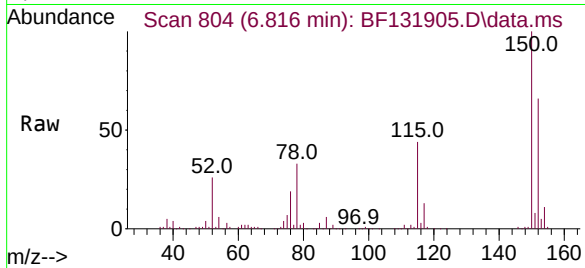




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

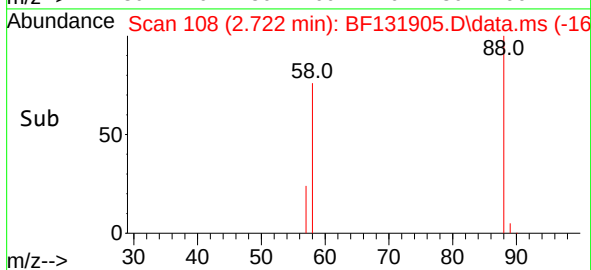
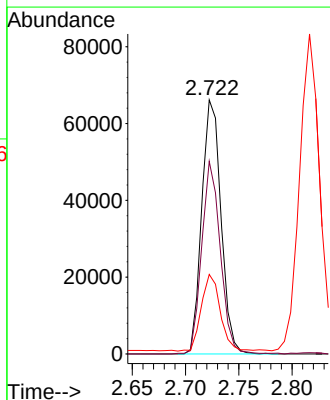
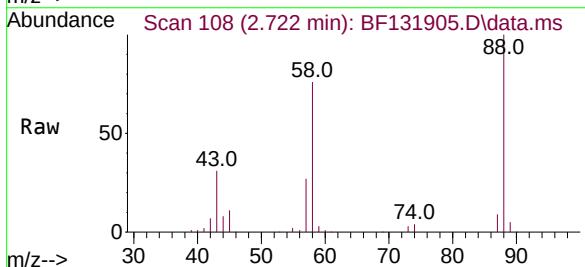
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

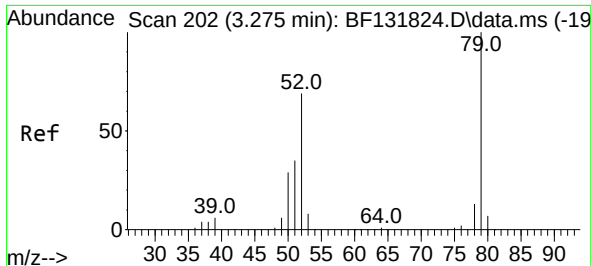
Tgt Ion:152 Resp: 72226
 Ion Ratio Lower Upper
 152 100
 150 151.5 120.0 180.0
 115 66.7 55.1 82.7



#2
 1,4-Dioxane
 Concen: 41.243 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.194 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

Tgt Ion: 88 Resp: 83353
 Ion Ratio Lower Upper
 88 100
 58 73.2 58.2 87.2
 43 0.0 24.2 36.4





#3

Pyridine

Concen: 33.289 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.171 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

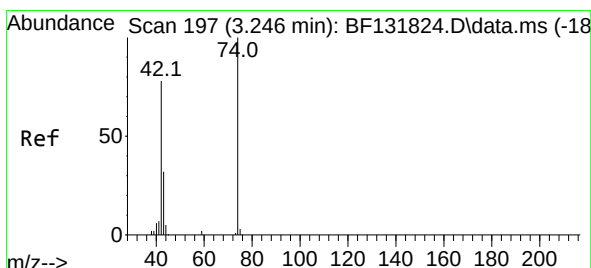
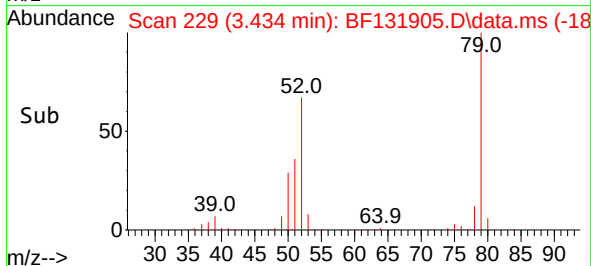
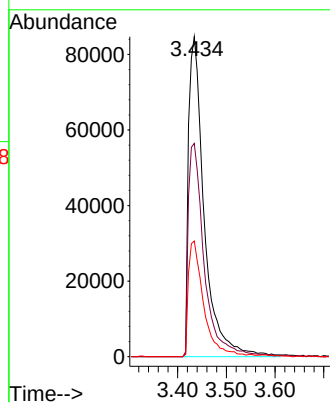
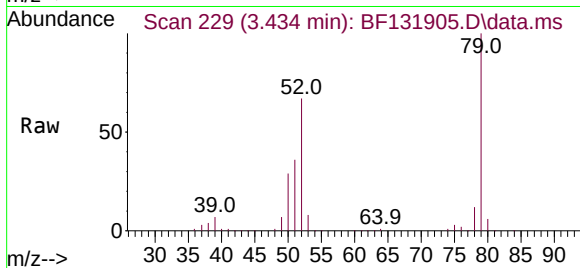
Tgt Ion: 79 Resp: 189141

Ion Ratio Lower Upper

79 100

52 66.7 55.4 83.2

51 36.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.909 ng

RT: 3.369 min Scan# 218

Delta R.T. 0.129 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

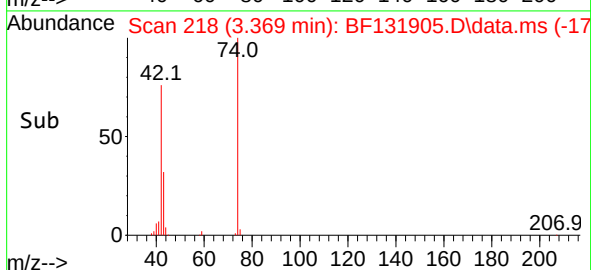
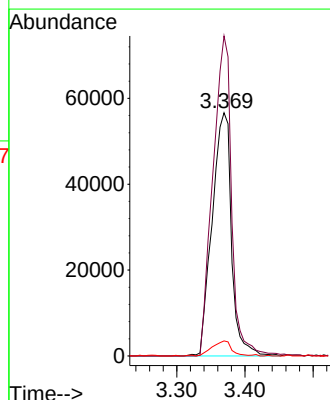
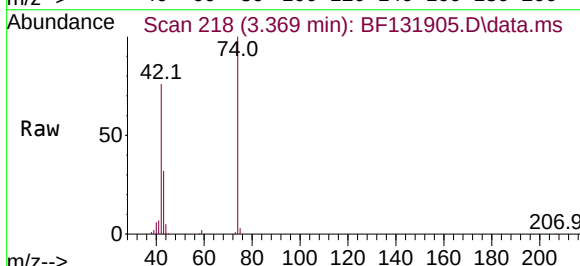
Tgt Ion: 42 Resp: 111962

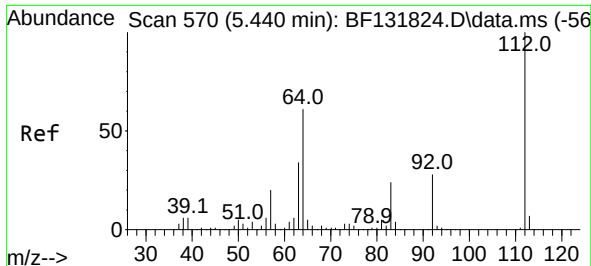
Ion Ratio Lower Upper

42 100

74 131.6 102.0 153.0

44 6.2 4.6 7.0

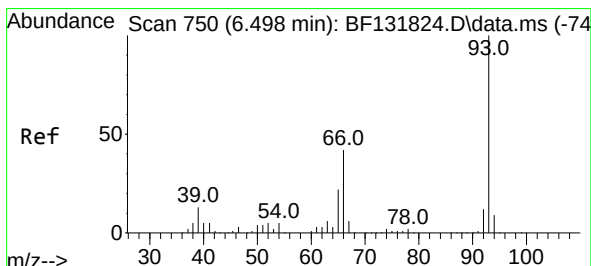
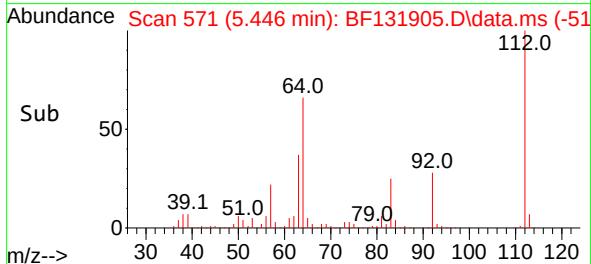
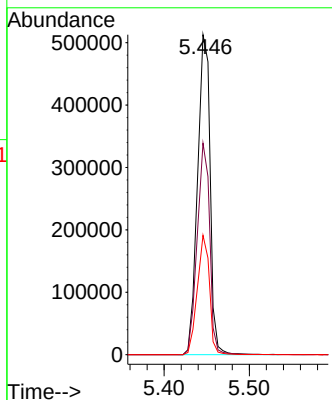
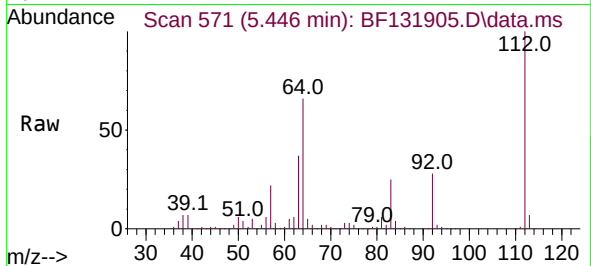




#5
2-Fluorophenol
Concen: 120.693 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

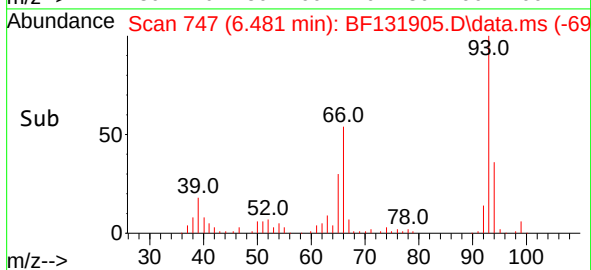
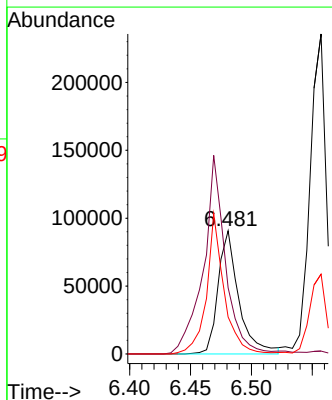
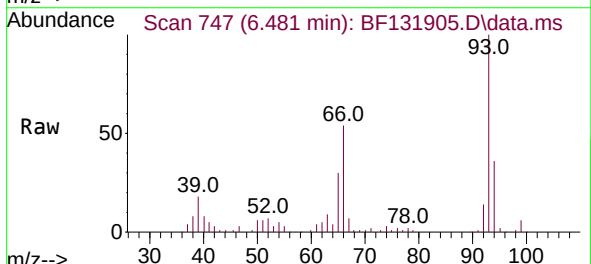
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

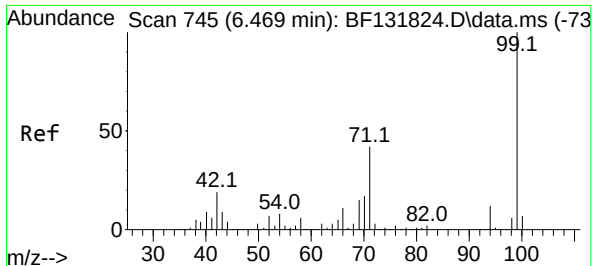
Tgt Ion:112 Resp: 526013
Ion Ratio Lower Upper
112 100
64 66.1 49.2 73.8
63 37.3 27.5 41.3



#6
Aniline
Concen: 15.511 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion: 93 Resp: 107711
Ion Ratio Lower Upper
93 100
66 53.8 33.9 50.9#
65 30.0 17.4 26.0#

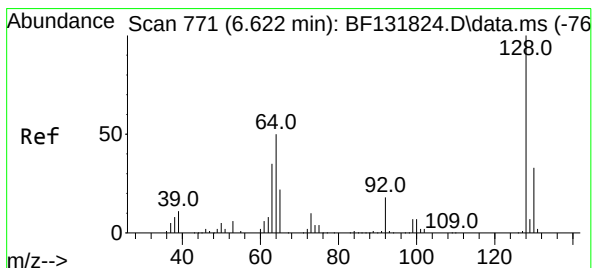
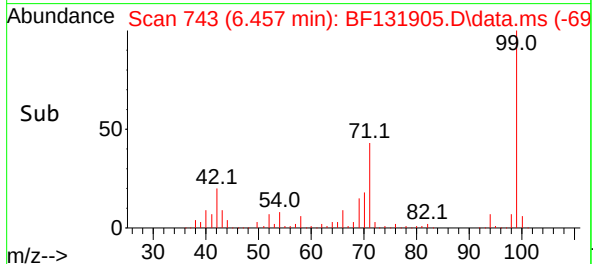
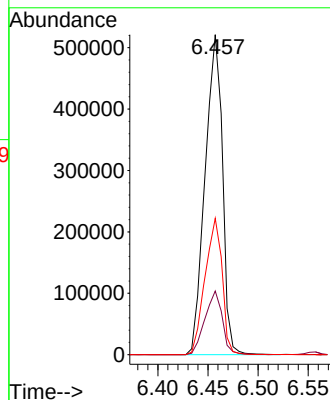
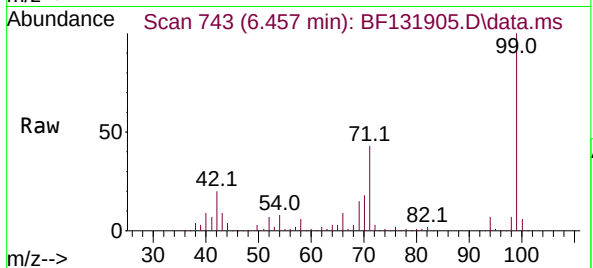




#7
Phenol-d6
Concen: 110.145 ng
RT: 6.457 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

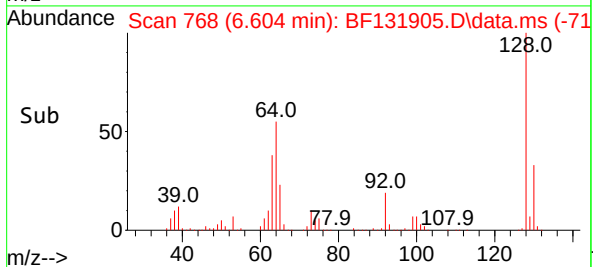
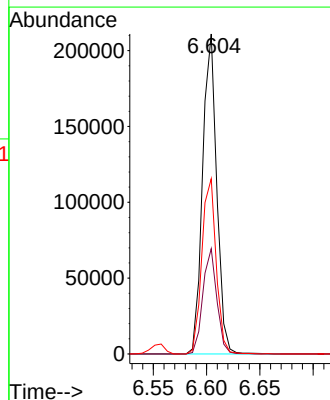
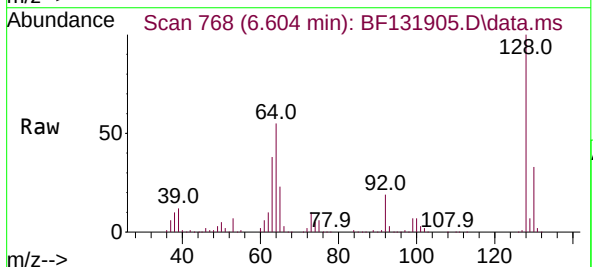
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

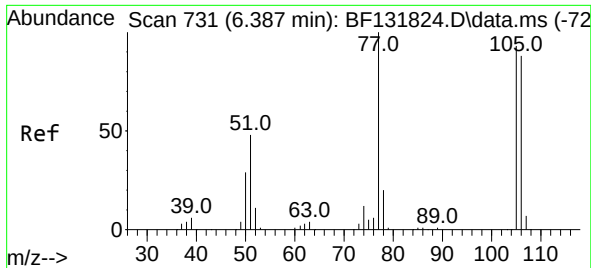
Tgt Ion: 99 Resp: 630685
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 42.6 33.5 50.3



#8
2-Chlorophenol
Concen: 42.579 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:128 Resp: 195511
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 54.7 30.7 70.7





#9

Benzaldehyde

Concen: 30.135 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

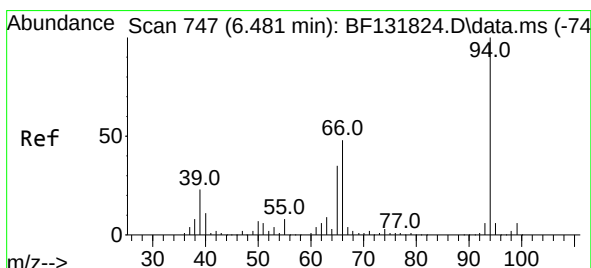
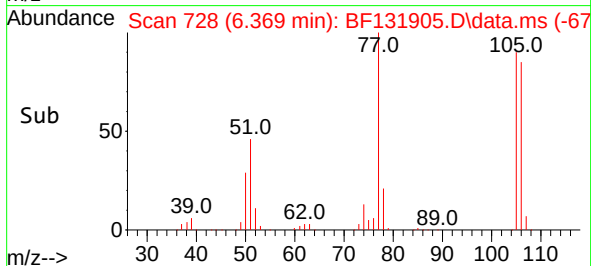
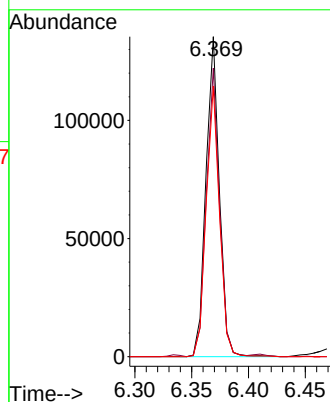
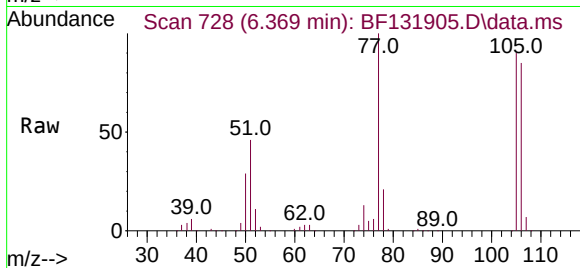
Tgt Ion: 77 Resp: 110718

Ion Ratio Lower Upper

77 100

105 90.2 72.9 112.9

106 84.6 68.5 108.5



#10

Phenol

Concen: 34.720 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

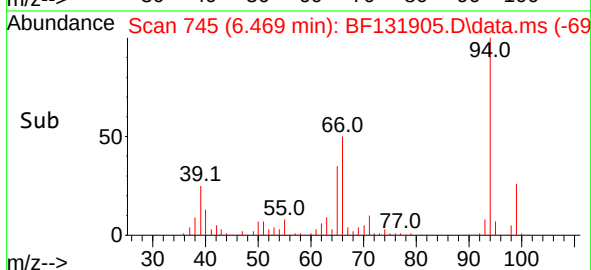
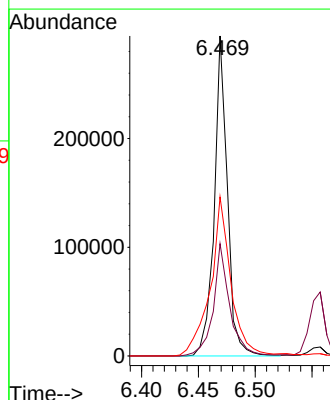
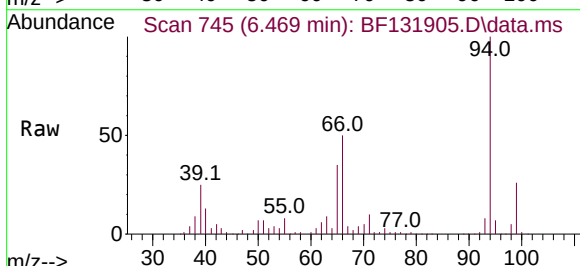
Tgt Ion: 94 Resp: 236751

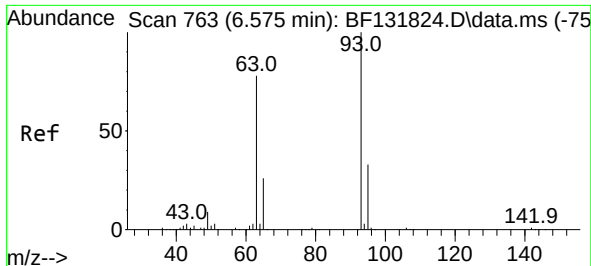
Ion Ratio Lower Upper

94 100

65 35.1 14.6 54.6

66 49.7 28.2 68.2

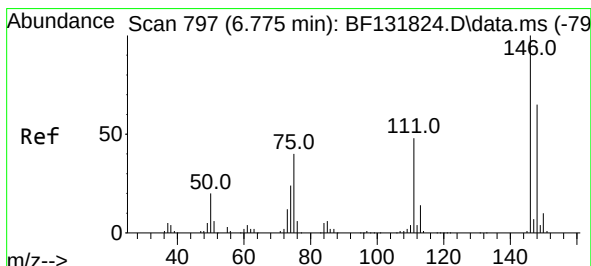
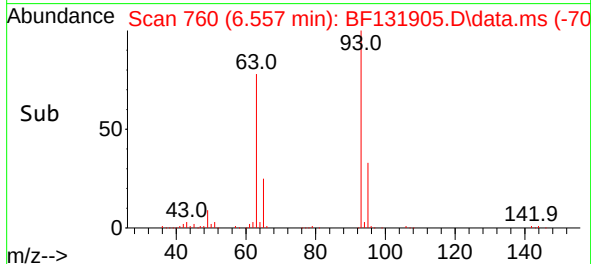
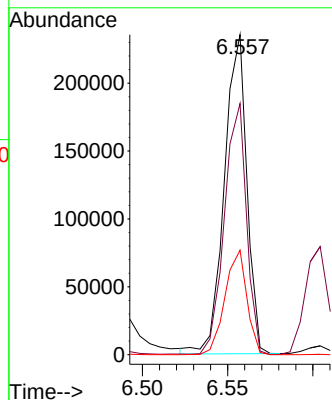
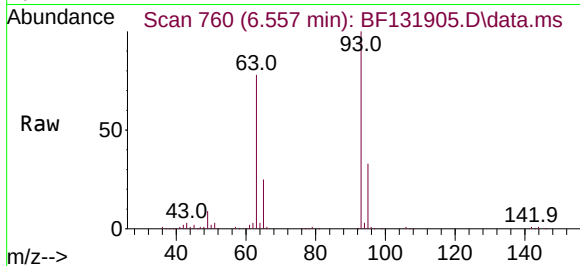




#11
bis(2-Chloroethyl)ether
Concen: 44.210 ng
RT: 6.557 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

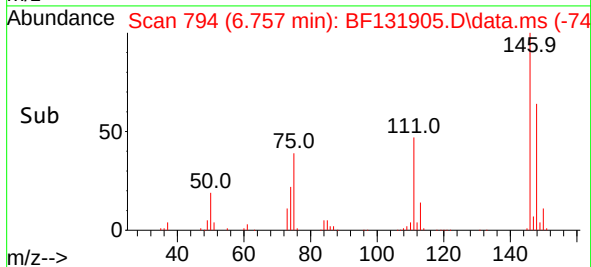
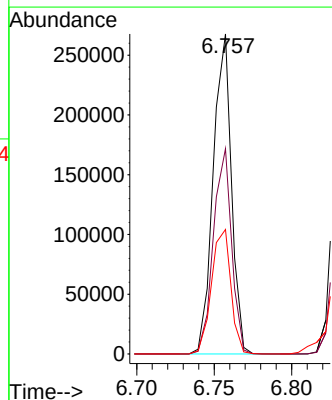
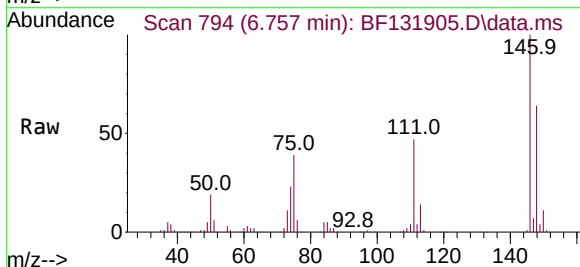
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

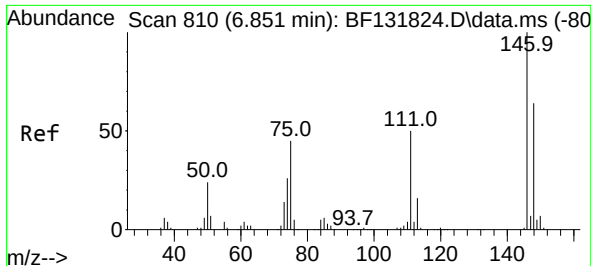
Tgt Ion: 93 Resp: 215574
Ion Ratio Lower Upper
93 100
63 78.5 57.6 97.6
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.679 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:146 Resp: 218701
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 38.9 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.014 ng

RT: 6.834 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

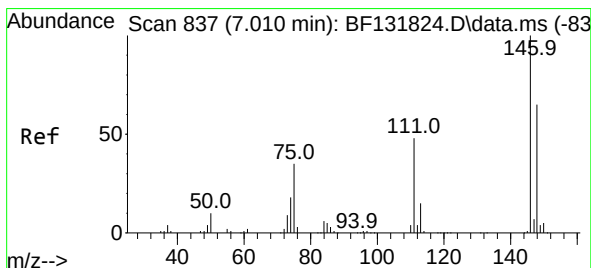
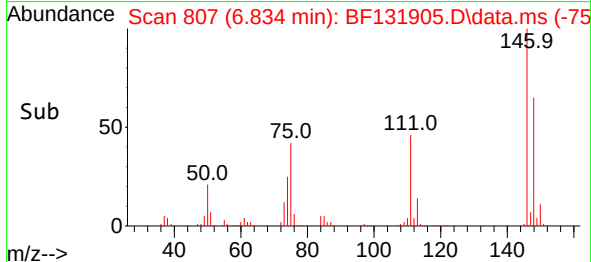
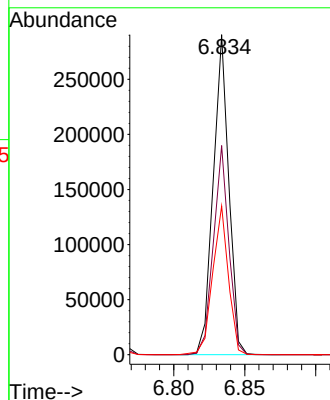
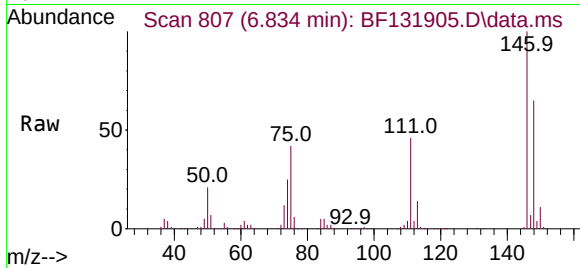
Tgt Ion:146 Resp: 222175

Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 46.5 40.1 60.1



#14

1,2-Dichlorobenzene

Concen: 42.744 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

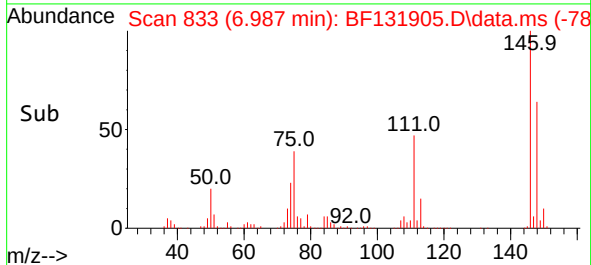
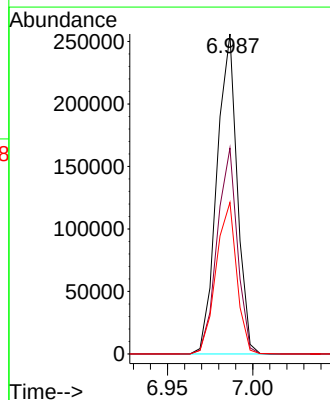
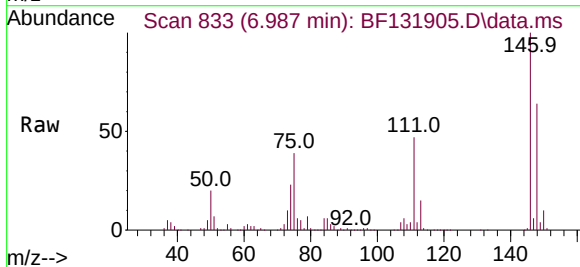
Tgt Ion:146 Resp: 212393

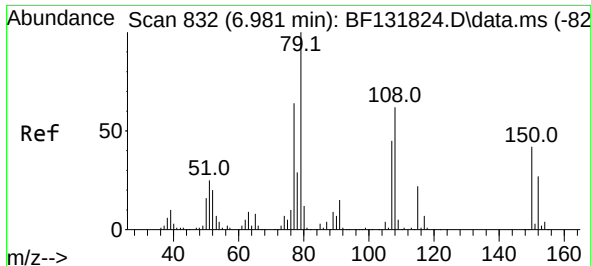
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.4

111 47.3 38.2 57.4

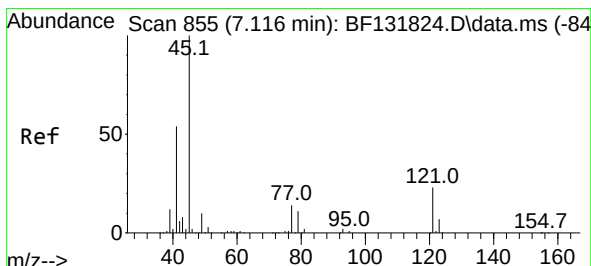
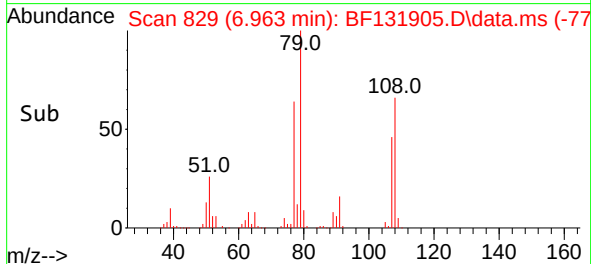
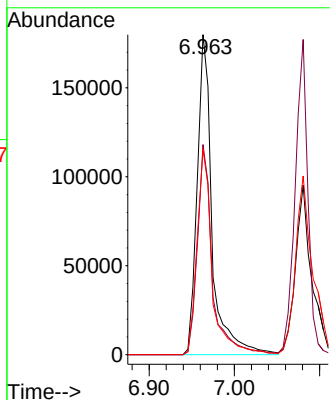
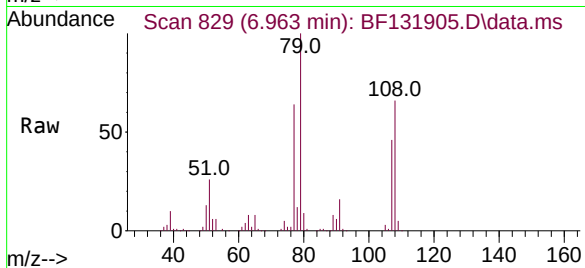




#15
Benzyl Alcohol
Concen: 43.680 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

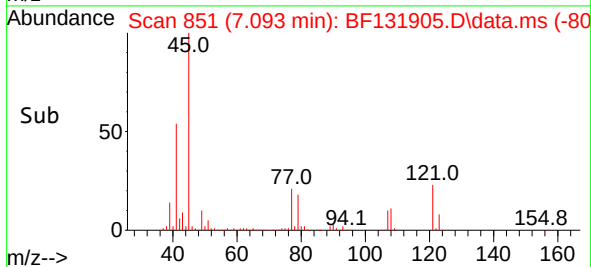
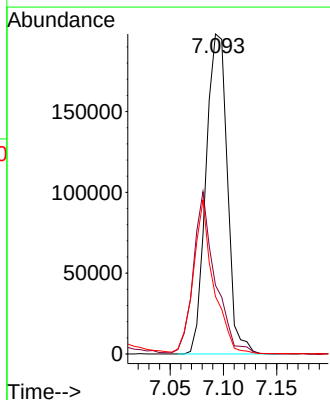
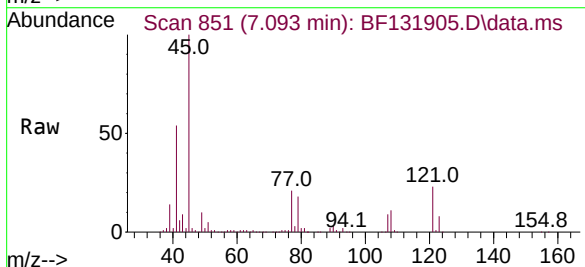
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

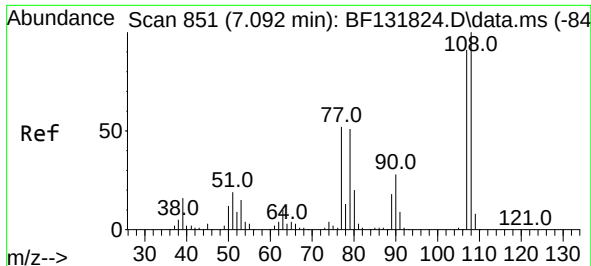
Tgt Ion: 79 Resp: 219326
Ion Ratio Lower Upper
79 100
108 65.7 49.8 74.8
77 64.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.306 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion: 45 Resp: 275702
Ion Ratio Lower Upper
45 100
77 21.5 0.0 36.1
79 18.0 0.0 33.3

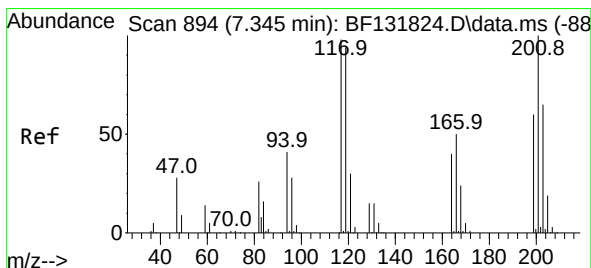
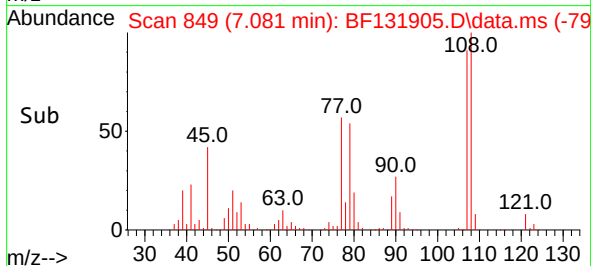
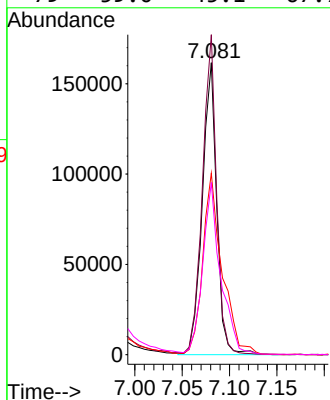
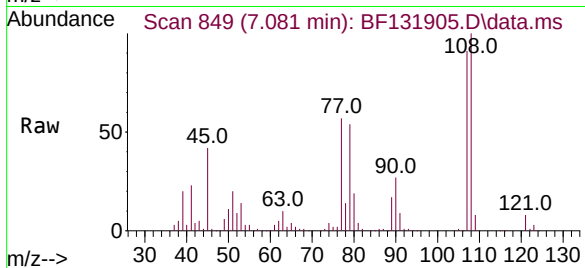




#17
2-Methylphenol
Concen: 40.996 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

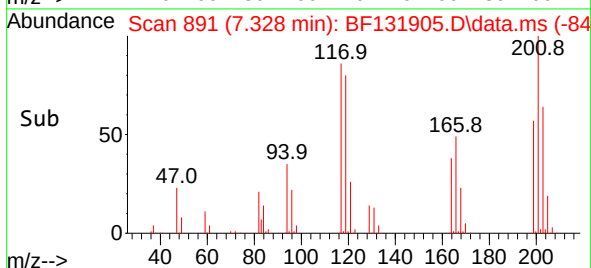
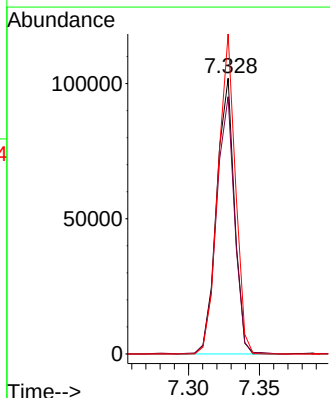
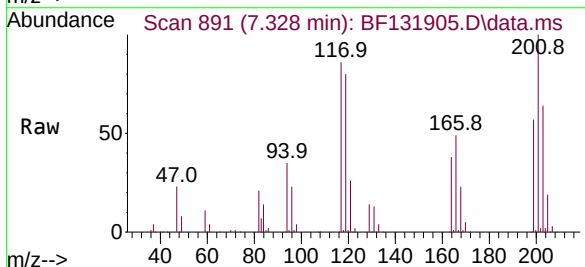
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

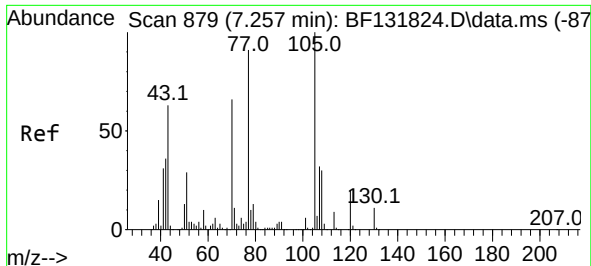
Tgt Ion:	107	Resp:	172089
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.6	131.4
77	62.1	45.8	68.8
79	59.0	45.1	67.7



#18
Hexachloroethane
Concen: 41.475 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:	117	Resp:	88564
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.5	114.7
201	116.1	81.7	122.5

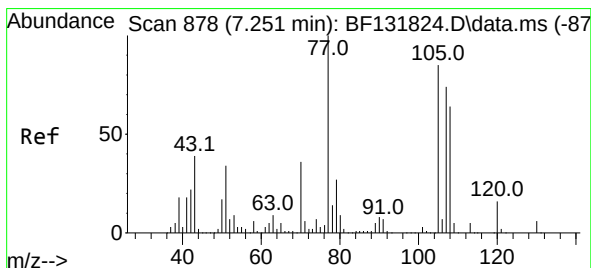
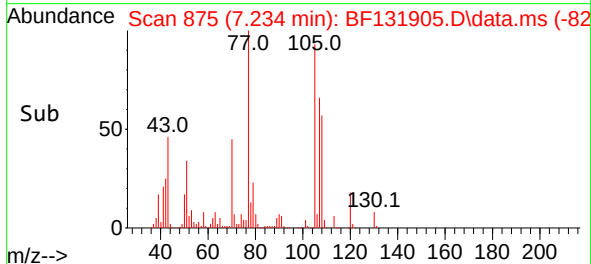
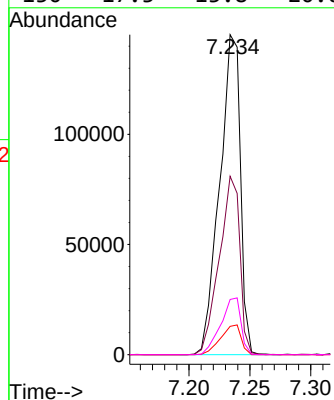
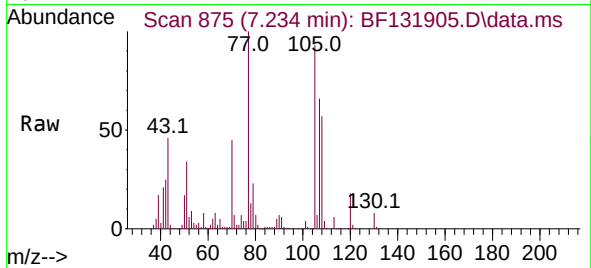




#19
n-Nitroso-di-n-propylamine
Concen: 42.608 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

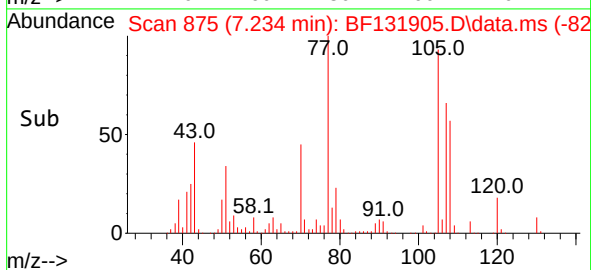
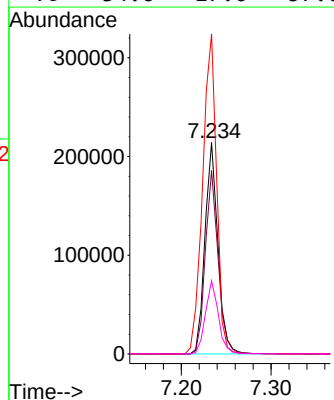
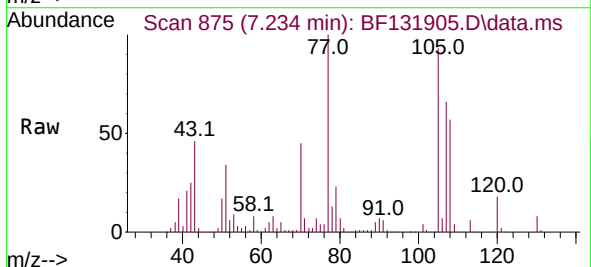
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

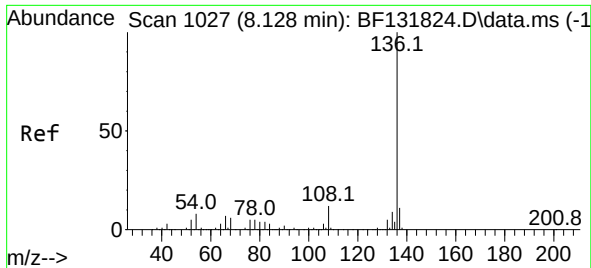
Tgt Ion: 70 Resp: 172303
Ion Ratio Lower Upper
70 100
42 55.8 43.8 65.6
101 8.9 7.4 11.0
130 17.3 13.8 20.6



#20
3+4-Methylphenols
Concen: 39.409 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion: 107 Resp: 215845
Ion Ratio Lower Upper
107 100
108 86.8 67.1 107.1
77 151.4 114.9 154.9
79 34.6 17.0 57.0



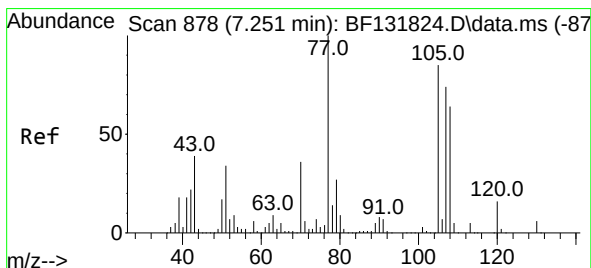
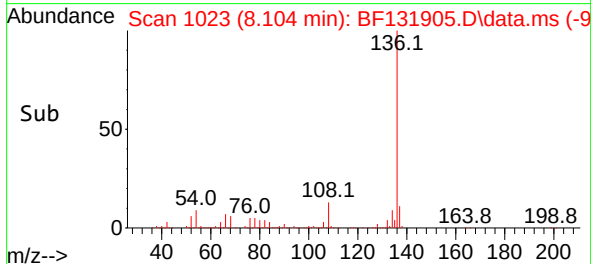
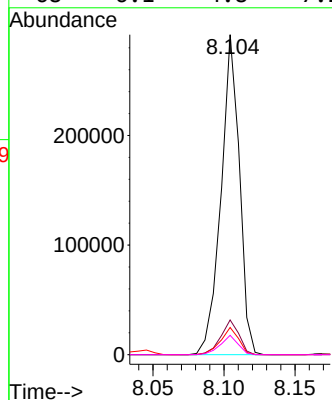
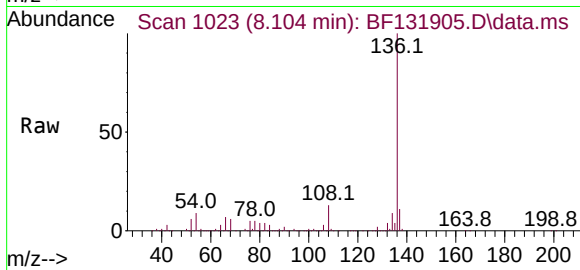


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Instrument :
BNA_F
ClientSampleId :
TP-1SMS

Tgt Ion:136 Resp: 262679

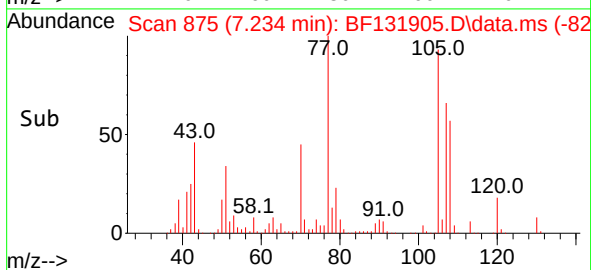
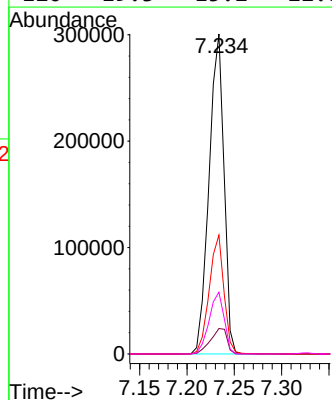
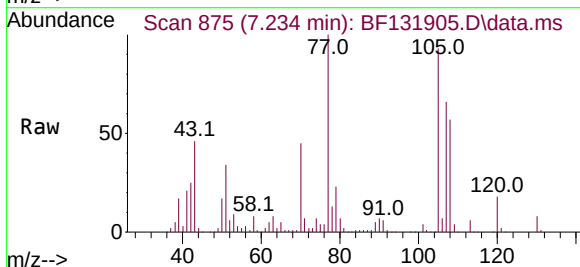
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.5	6.7	10.1
68	6.1	4.8	7.2

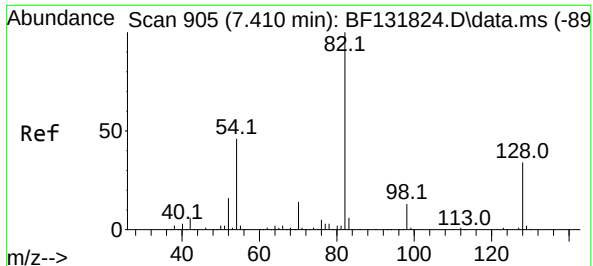


#22
Acetophenone
Concen: 42.802 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:105 Resp: 329619

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.4	8.0
51	37.2	31.9	47.9
120	19.3	15.2	22.8





#23

Nitrobenzene-d5

Concen: 78.289 ng

RT: 7.387 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

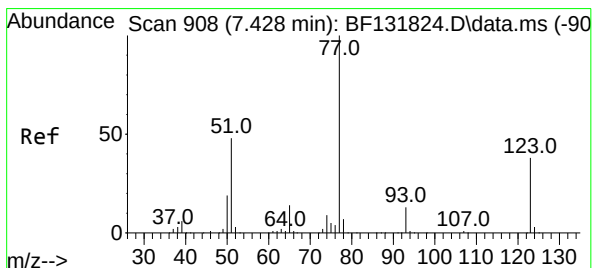
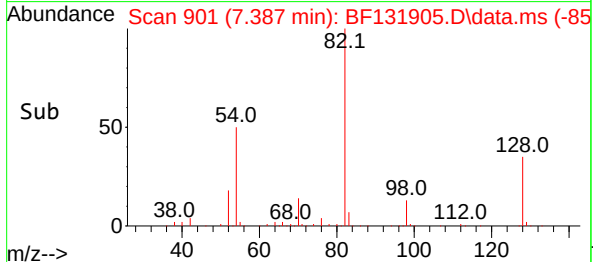
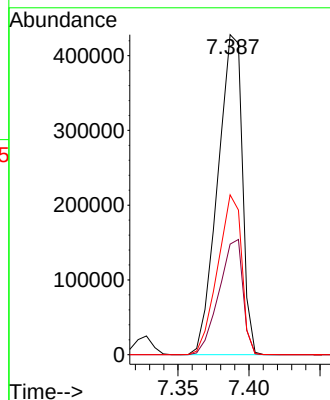
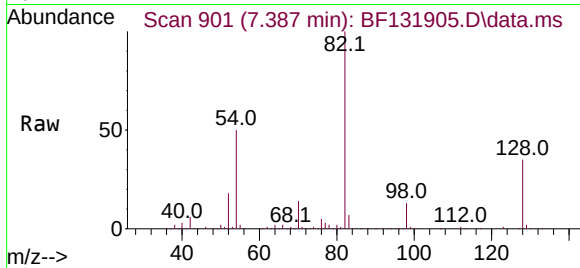
Tgt Ion: 82 Resp: 515077

Ion Ratio Lower Upper

82 100

128 34.5 27.1 40.7

54 49.9 37.0 55.6



#24

Nitrobenzene

Concen: 40.713 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

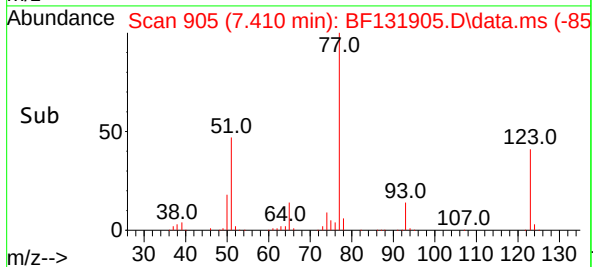
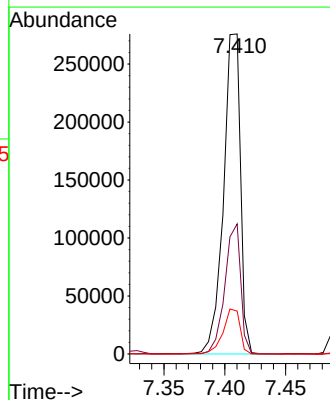
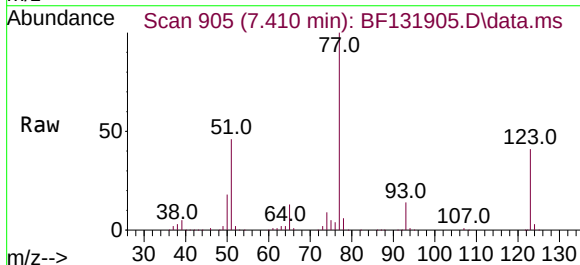
Tgt Ion: 77 Resp: 268442

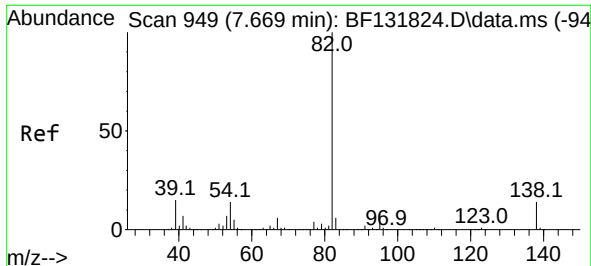
Ion Ratio Lower Upper

77 100

123 40.6 30.4 45.6

65 13.4 11.1 16.7

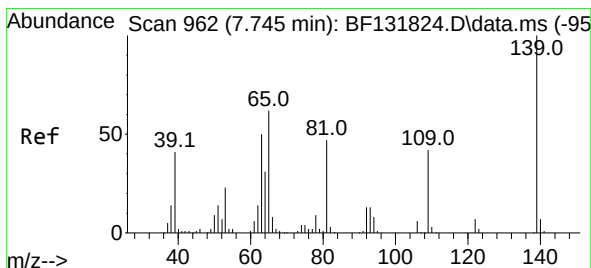
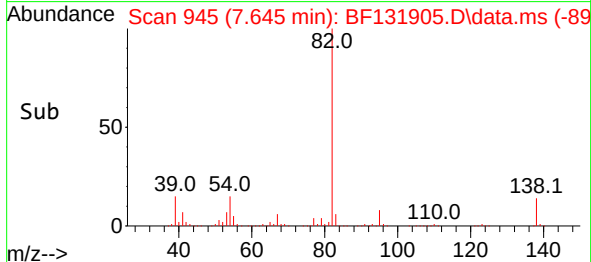
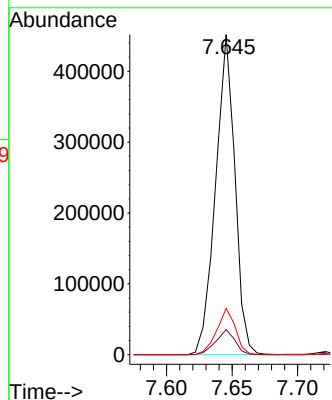
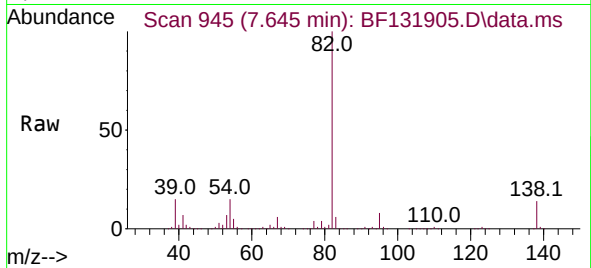




#25
Isophorone
Concen: 43.080 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

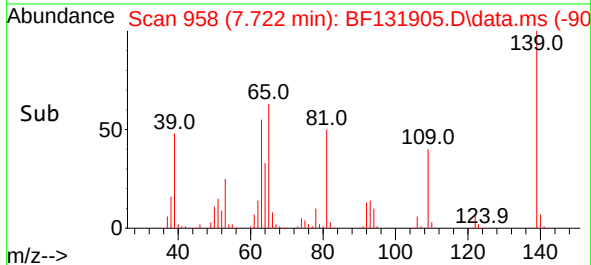
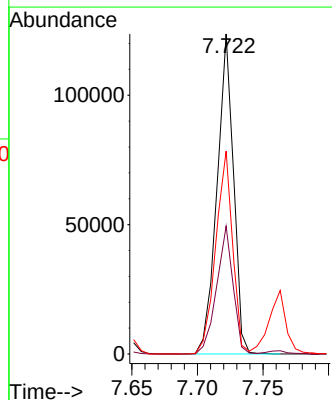
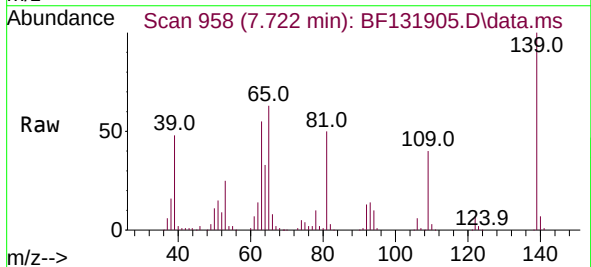
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

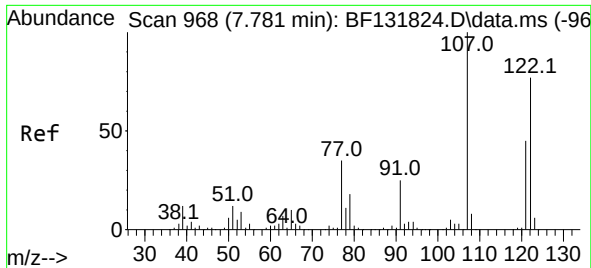
Tgt Ion: 82 Resp: 462865
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 14.4 11.5 17.3



#26
2-Nitrophenol
Concen: 42.129 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:139 Resp: 108003
Ion Ratio Lower Upper
139 100
109 39.9 33.7 50.5
65 63.4 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 46.779 ng

RT: 7.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

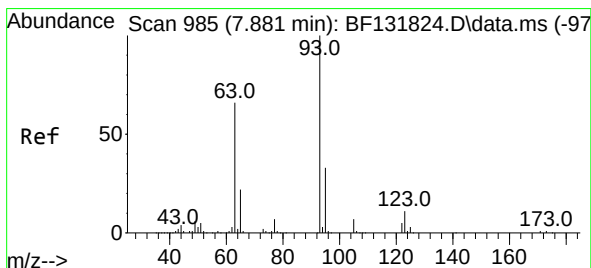
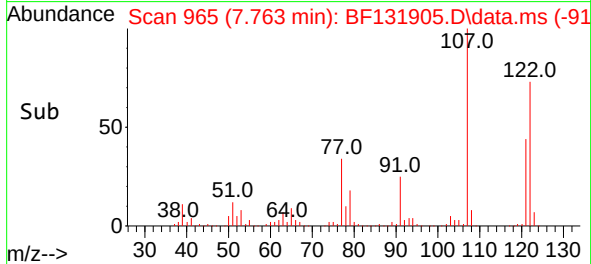
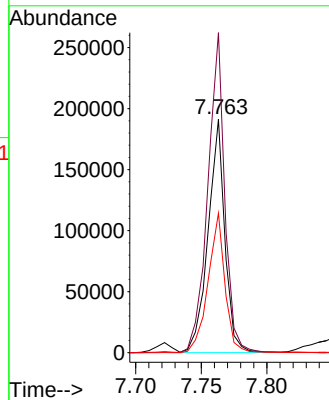
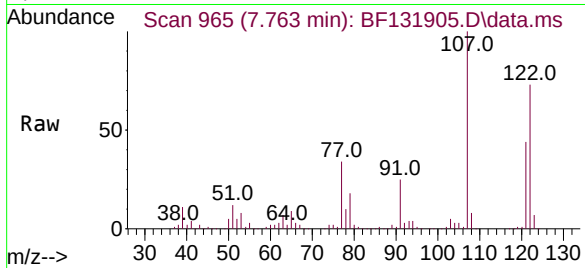
Tgt Ion:122 Resp: 171062

Ion Ratio Lower Upper

122 100

107 137.1 104.4 156.6

121 59.8 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 45.696 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

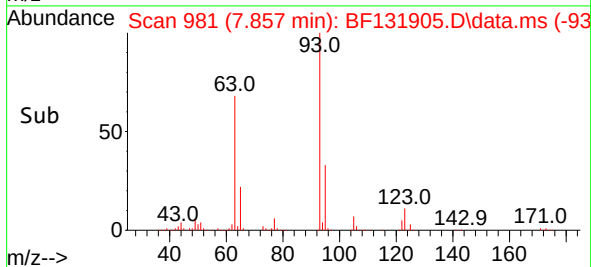
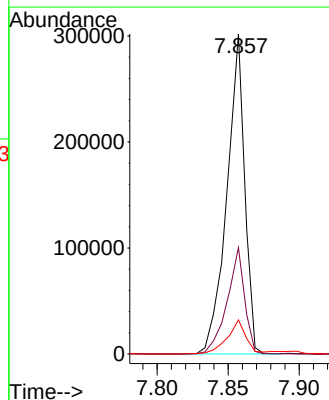
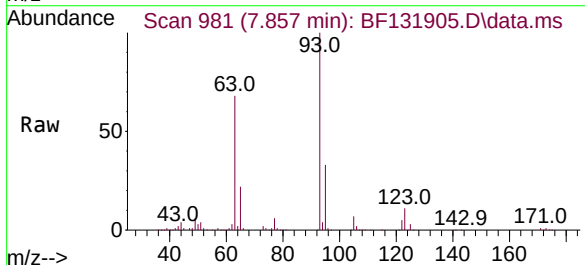
Tgt Ion: 93 Resp: 263401

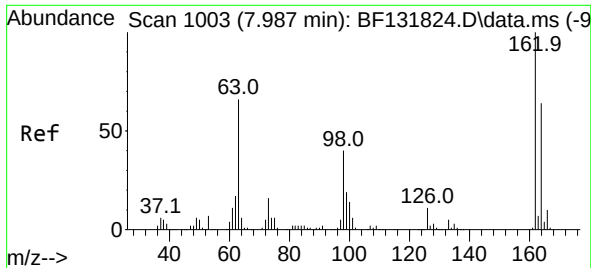
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 39.973 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

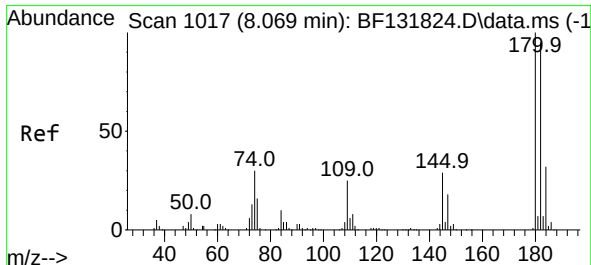
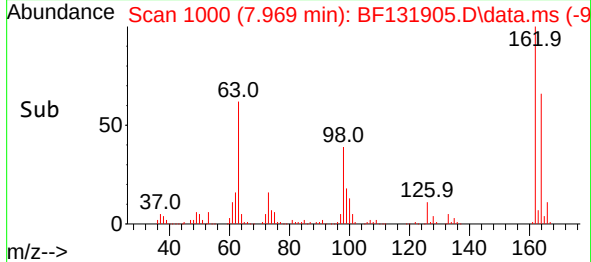
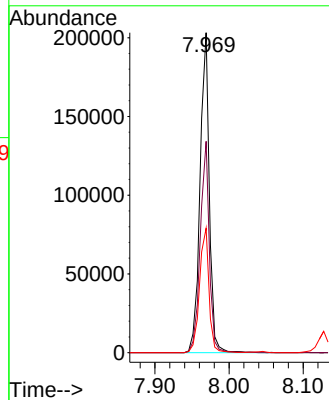
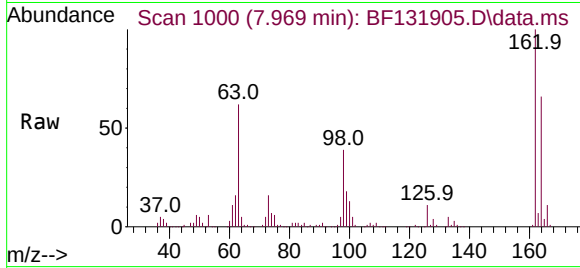
Tgt Ion:162 Resp: 176106

Ion Ratio Lower Upper

162 100

164 66.0 44.1 84.1

98 38.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 39.967 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

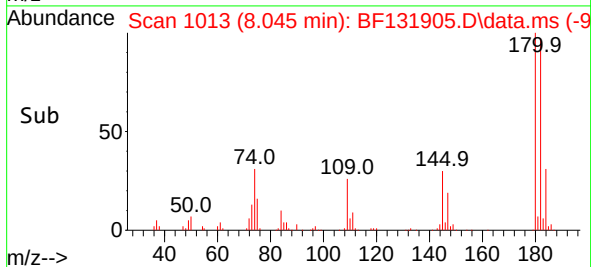
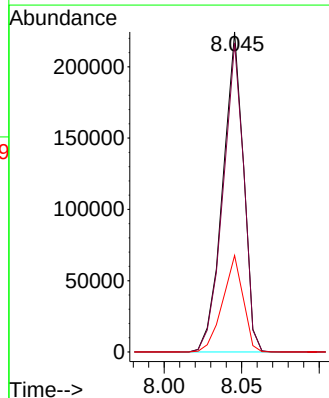
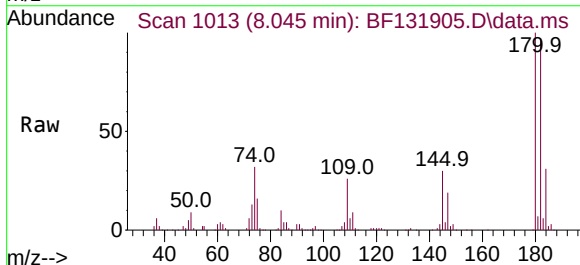
Tgt Ion:180 Resp: 208769

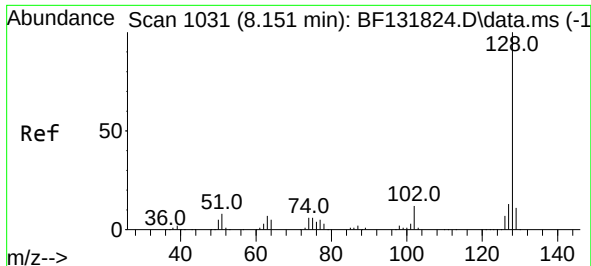
Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 30.1 23.3 34.9

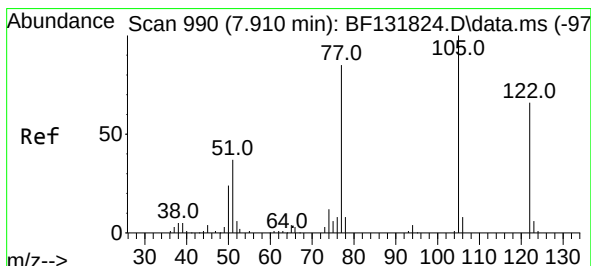
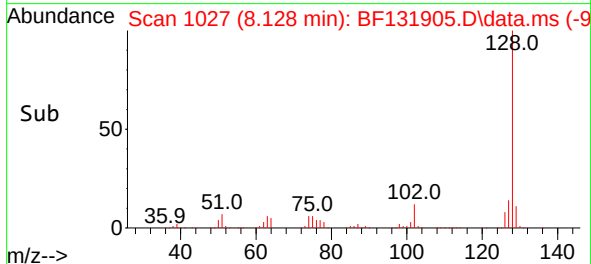
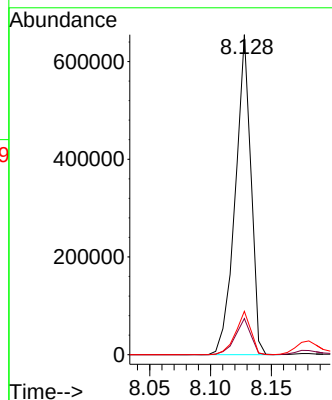
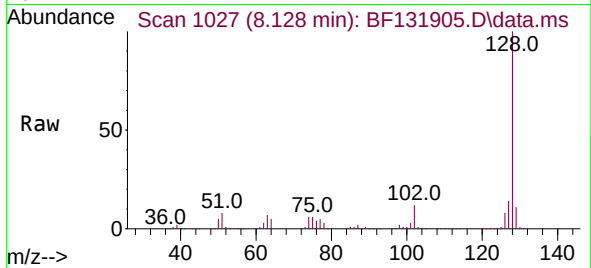




#31
Naphthalene
Concen: 40.532 ng
RT: 8.128 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

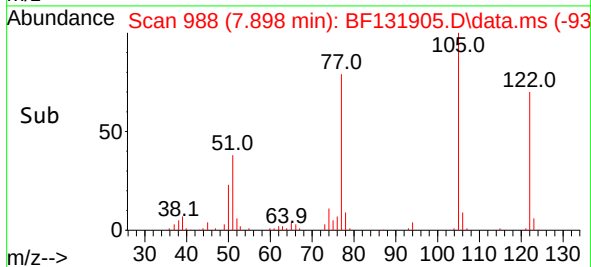
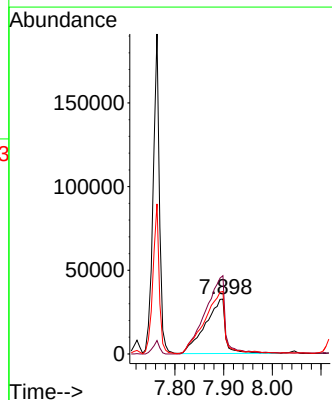
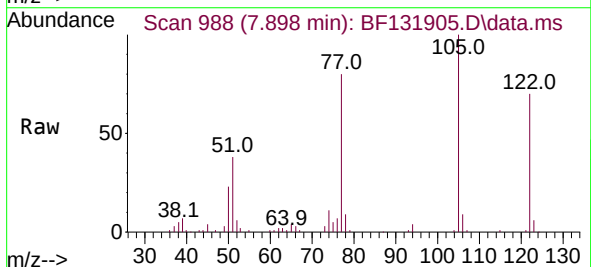
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

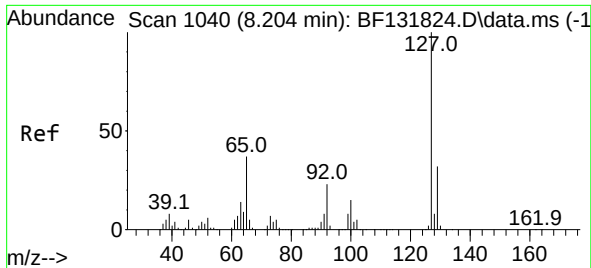
Tgt Ion:128 Resp: 583084
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 35.379 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:122 Resp: 94561
Ion Ratio Lower Upper
122 100
105 142.7 127.9 167.9
77 114.0 106.9 146.9

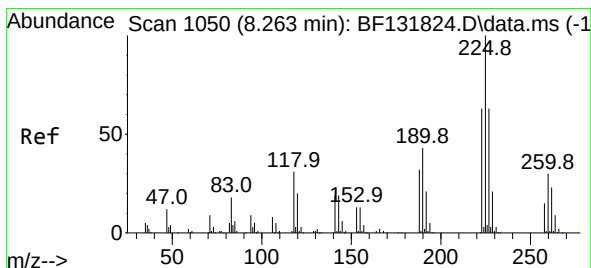
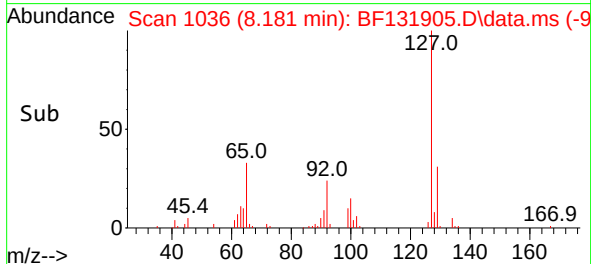
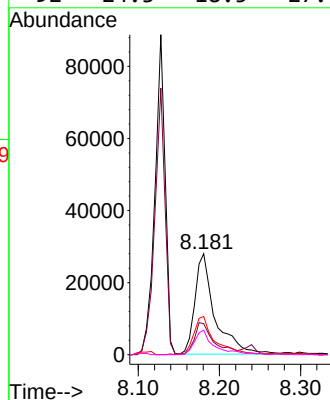
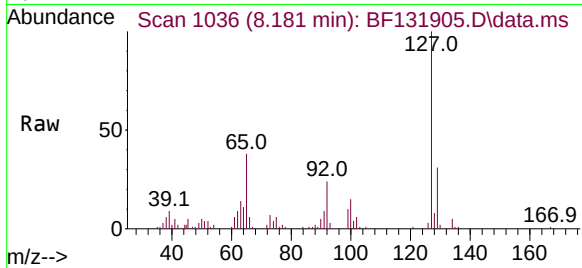




#33
4-Chloroaniline
Concen: 8.709 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

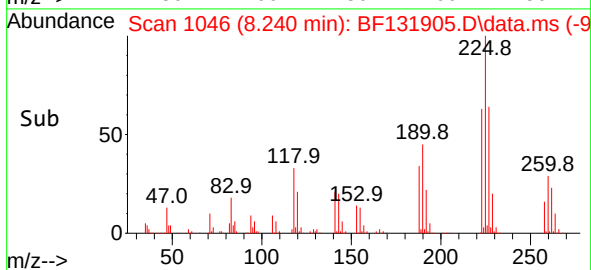
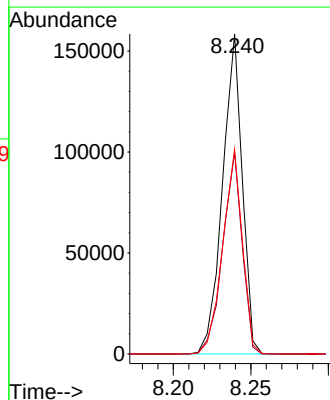
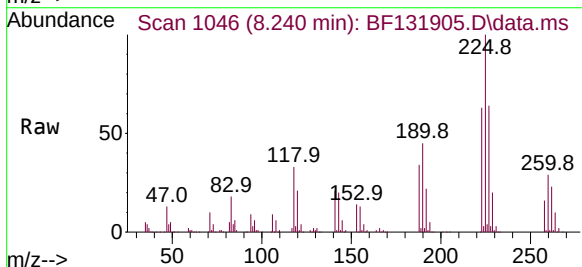
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

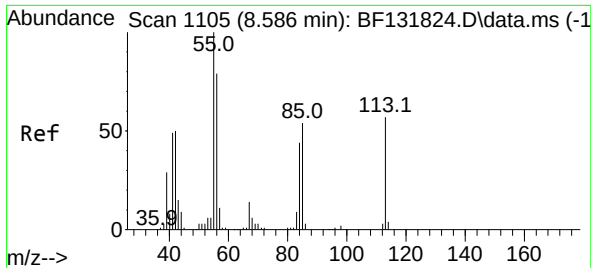
Tgt Ion:127	Resp:	48073	
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	37.9	29.7	44.5
92	24.3	18.5	27.7



#34
Hexachlorobutadiene
Concen: 39.138 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:225	Resp:	139869	
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.9	50.8	76.2

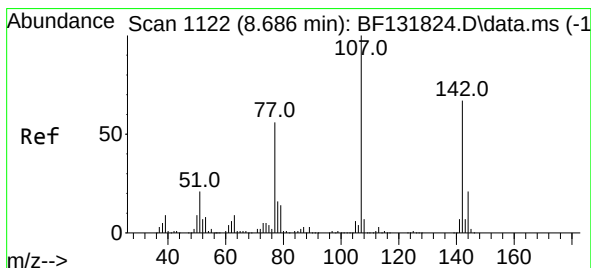
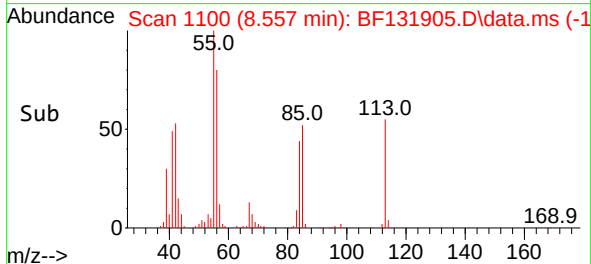
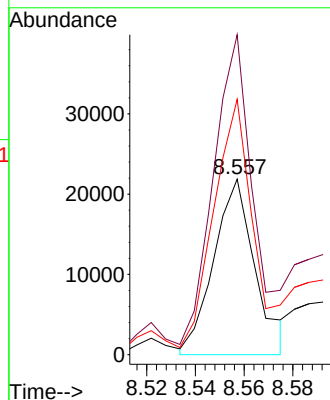
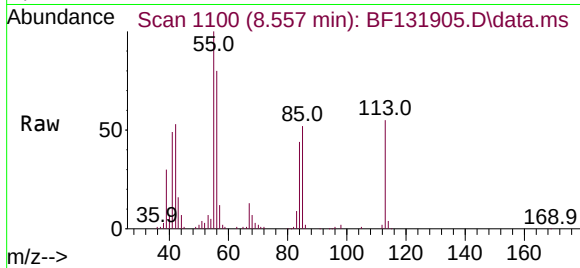




#35
Caprolactam
Concen: 19.736 ng
RT: 8.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

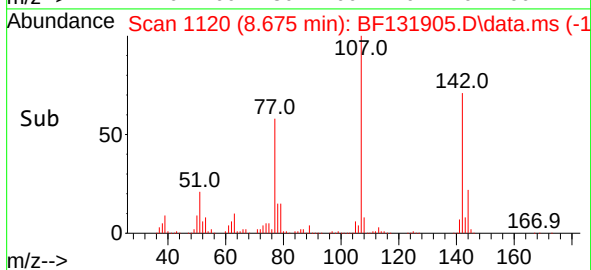
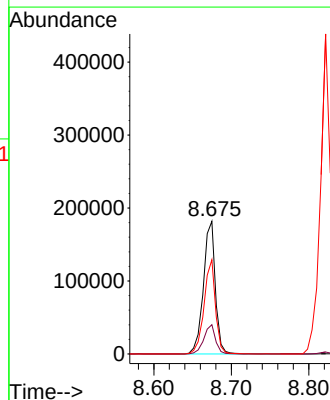
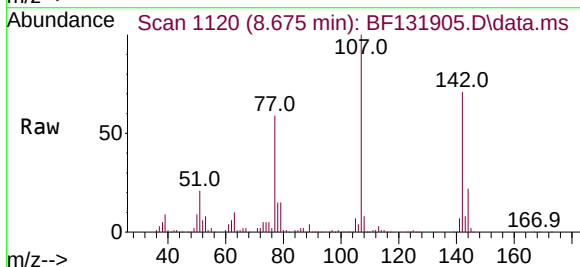
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

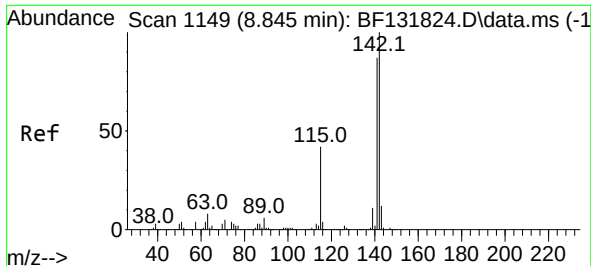
Tgt Ion:113 Resp: 25744
Ion Ratio Lower Upper
113 100
55 182.4 153.3 193.3
56 145.6 116.3 156.3



#36
4-Chloro-3-methylphenol
Concen: 39.141 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:107 Resp: 194894
Ion Ratio Lower Upper
107 100
144 22.1 16.8 25.2
142 71.0 53.8 80.8





#37

2-Methylnaphthalene

Concen: 39.646 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

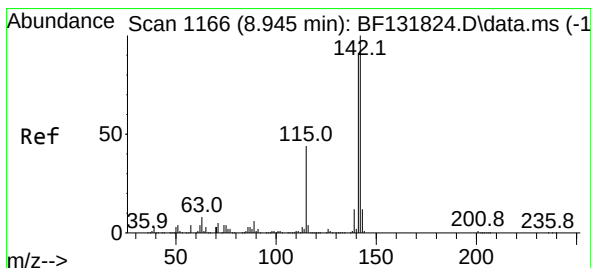
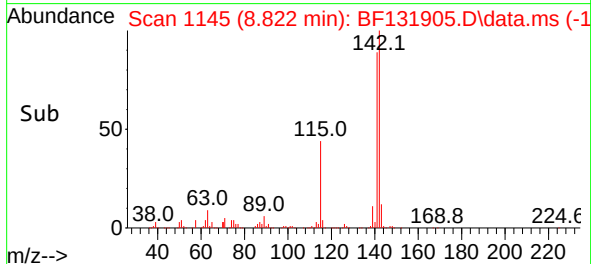
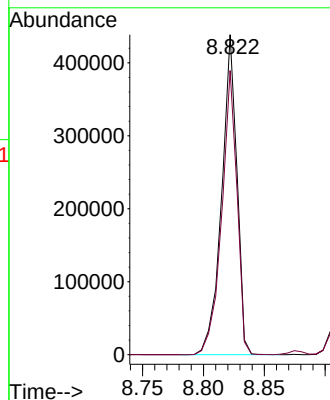
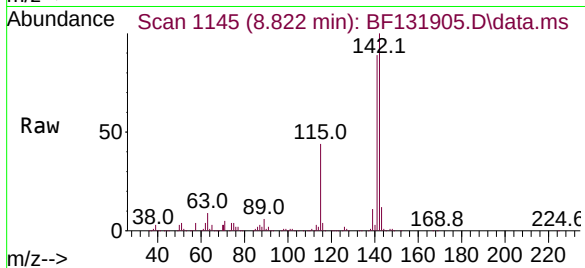
TP-1SMS

Tgt Ion:142 Resp: 382778

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.8



#38

1-Methylnaphthalene

Concen: 37.599 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF131905.D

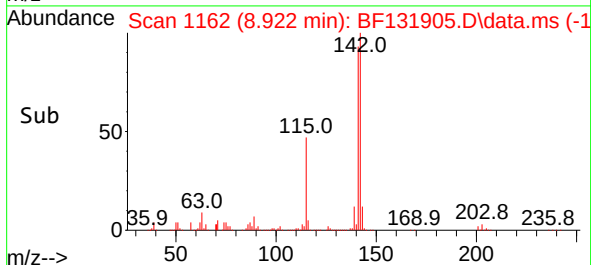
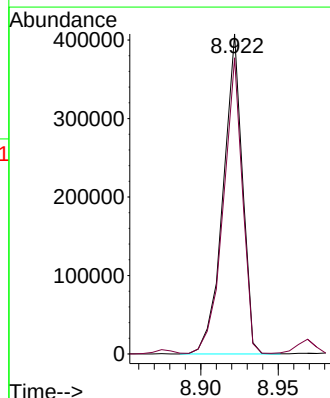
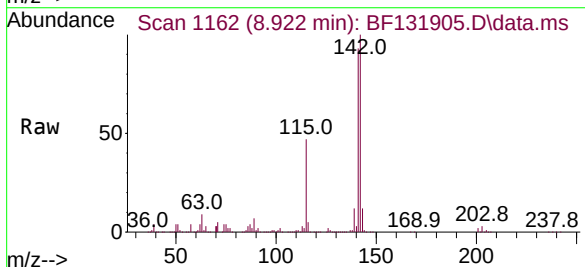
Acq: 04 Jan 2023 18:34

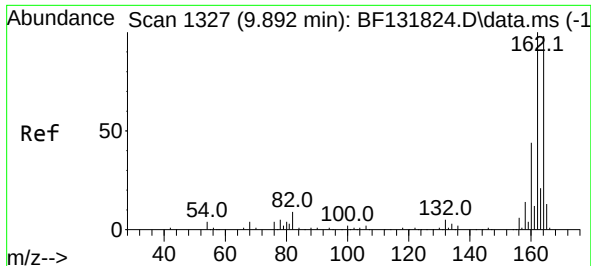
Tgt Ion:142 Resp: 352613

Ion Ratio Lower Upper

142 100

141 92.6 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

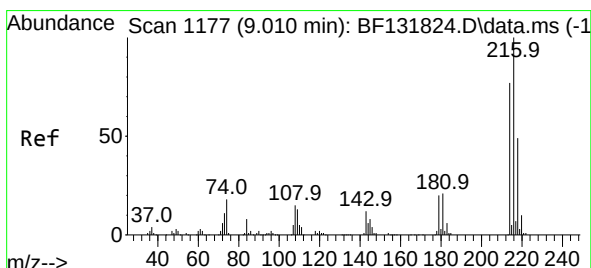
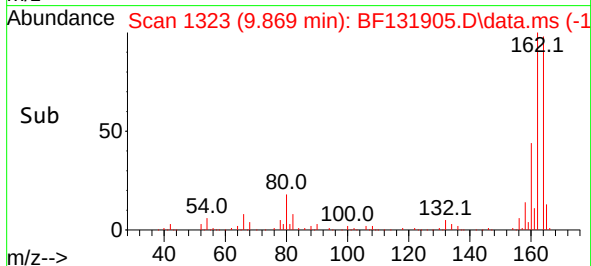
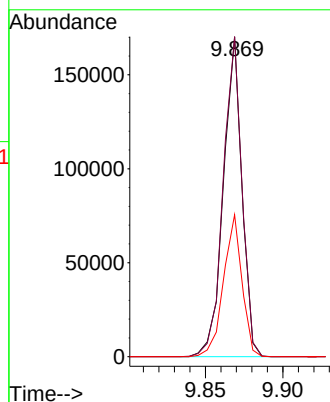
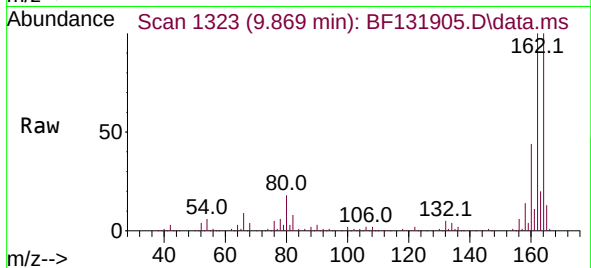
Tgt Ion:164 Resp: 141230

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

160 44.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.785 ng

RT: 8.987 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Tgt Ion:216 Resp: 217126

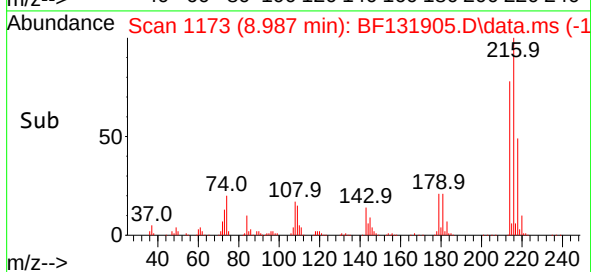
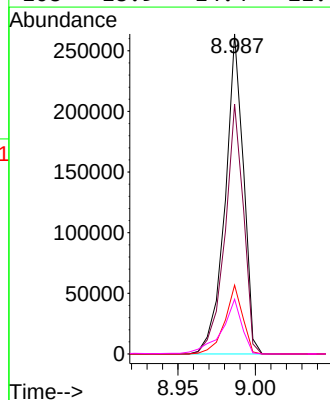
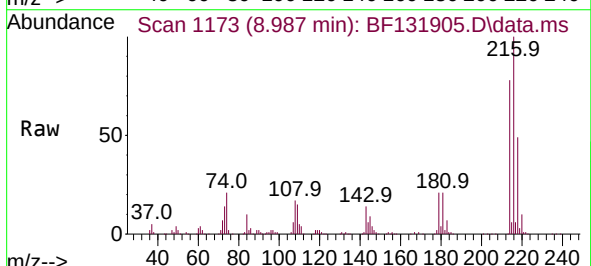
Ion Ratio Lower Upper

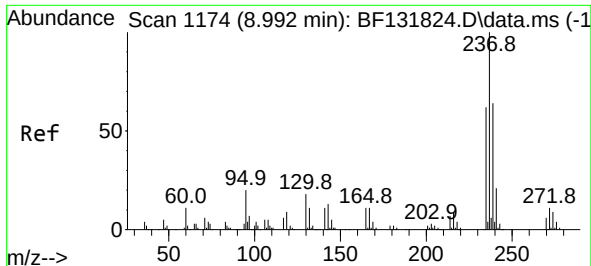
216 100

214 78.4 63.0 94.4

179 20.9 16.4 24.6

108 18.9 14.4 21.6

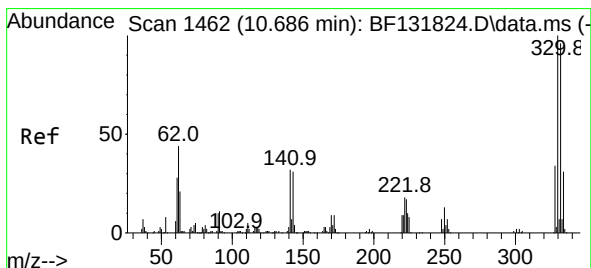
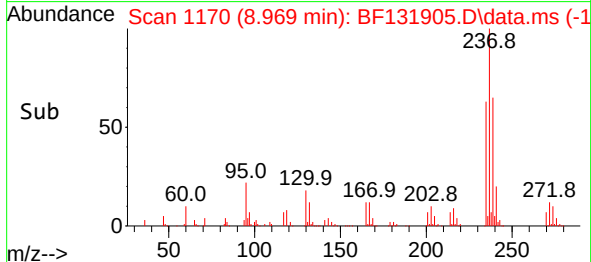
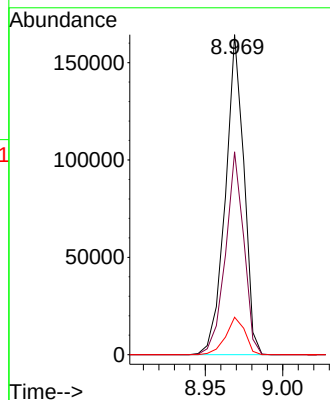
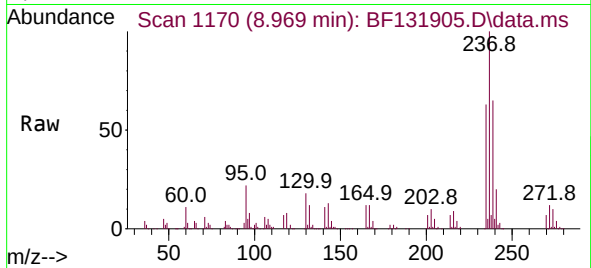




#41
Hexachlorocyclopentadiene
Concen: 62.840 ng
RT: 8.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

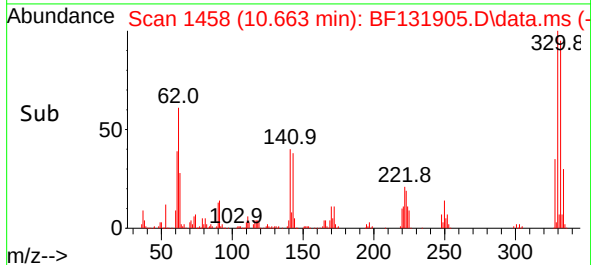
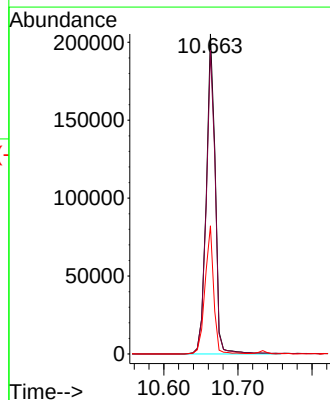
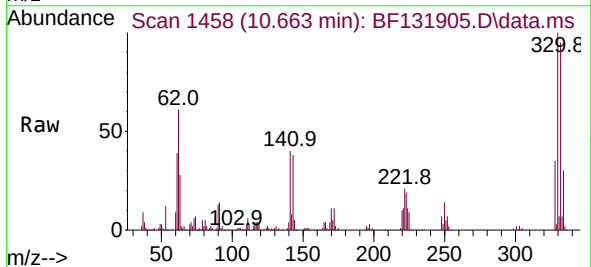
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

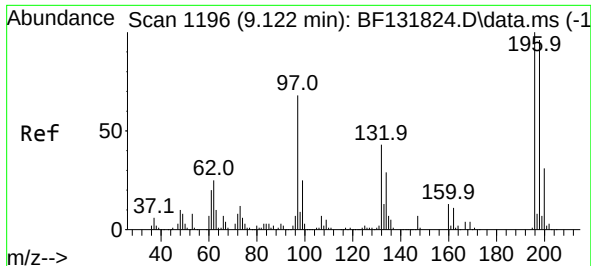
Tgt Ion:237 Resp: 136413
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 11.7 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 112.390 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:330 Resp: 172459
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.423 ng

RT: 9.104 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

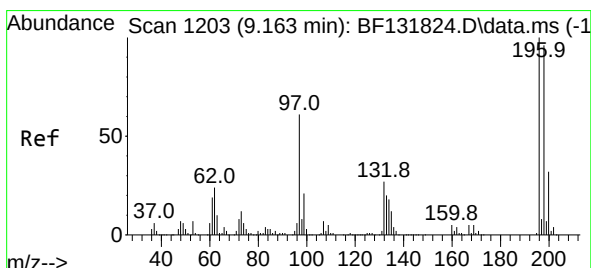
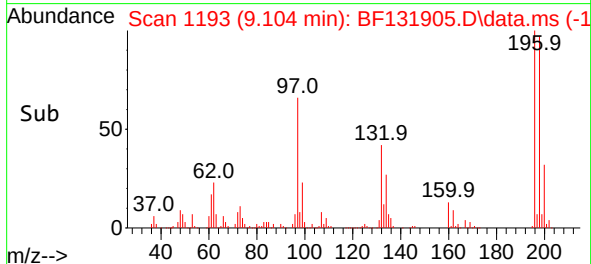
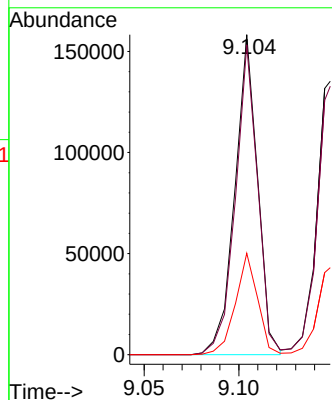
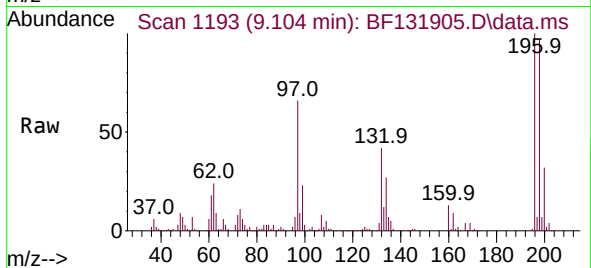
Tgt Ion:196 Resp: 131562

Ion Ratio Lower Upper

196 100

198 96.8 76.5 114.7

200 31.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.163 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Tgt Ion:196 Resp: 137887

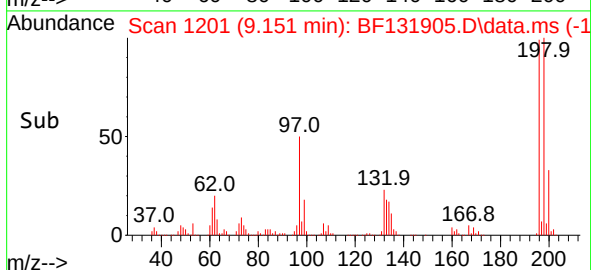
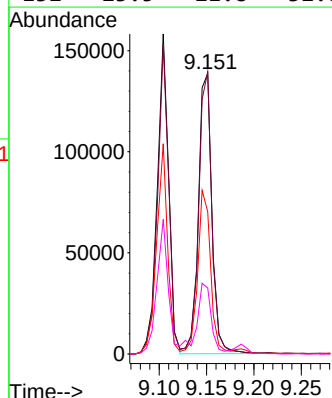
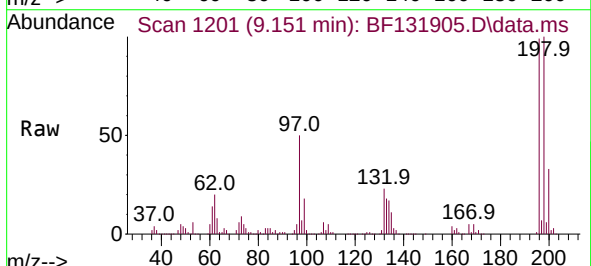
Ion Ratio Lower Upper

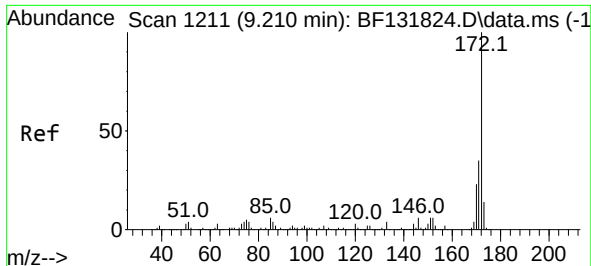
196 100

198 100.6 76.6 115.0

97 50.7 49.3 73.9

132 23.5 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 83.648 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

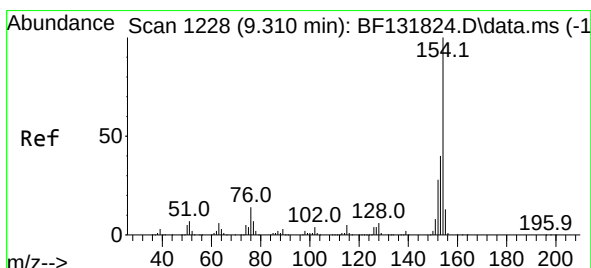
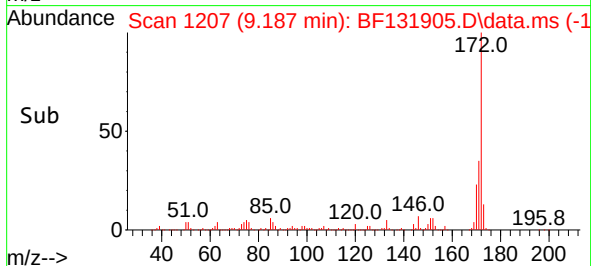
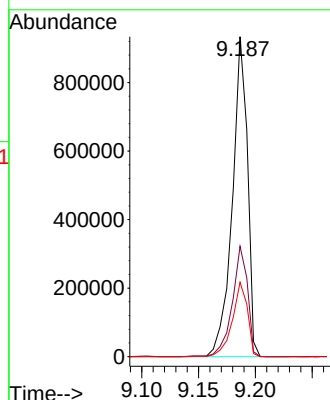
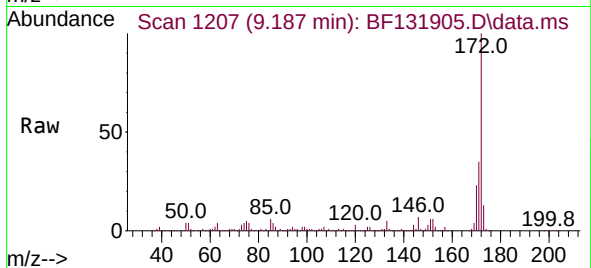
Tgt Ion:172 Resp: 862476

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.803 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

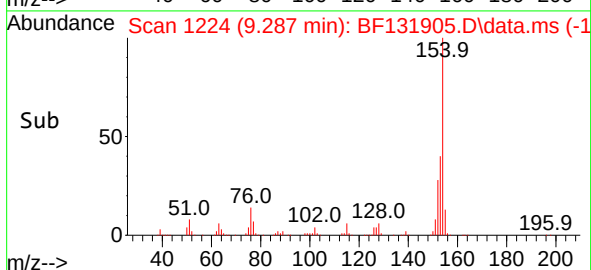
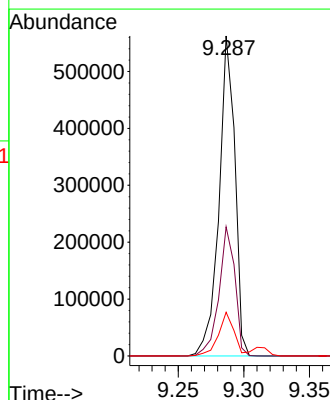
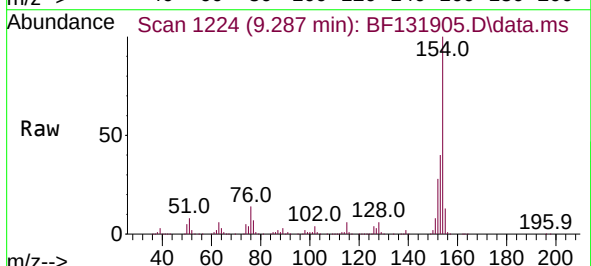
Tgt Ion:154 Resp: 473627

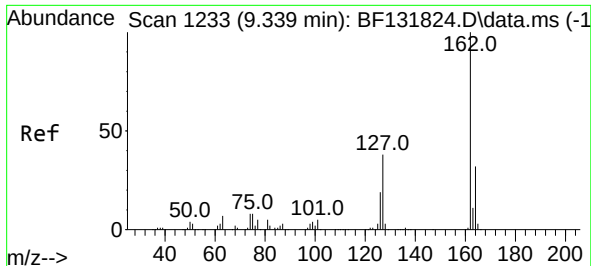
Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.188 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

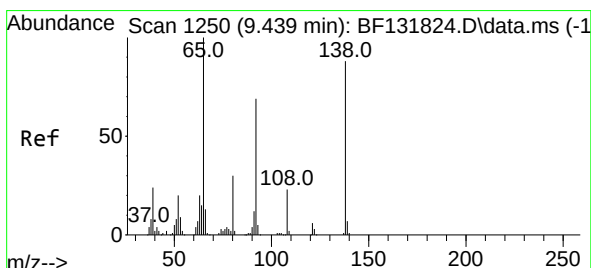
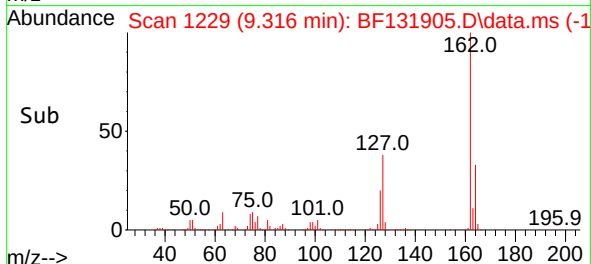
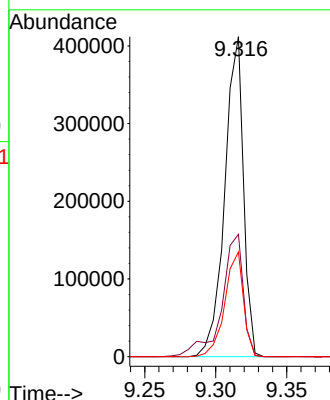
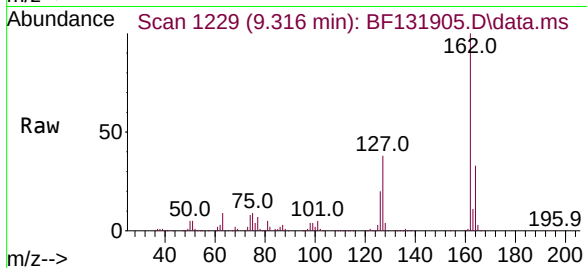
Tgt Ion:162 Resp: 377385

Ion Ratio Lower Upper

162 100

127 38.3 31.0 46.6

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 39.016 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

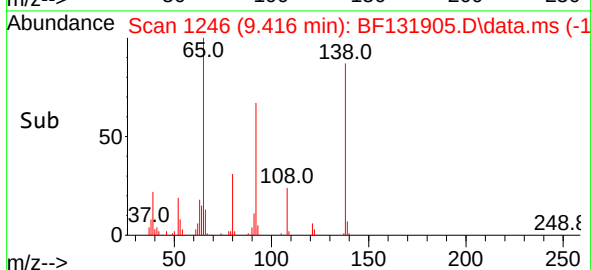
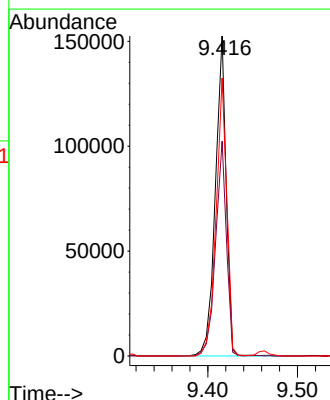
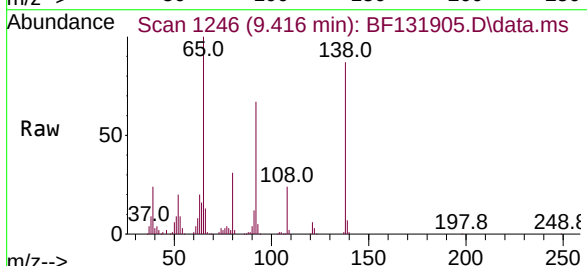
Tgt Ion: 65 Resp: 127928

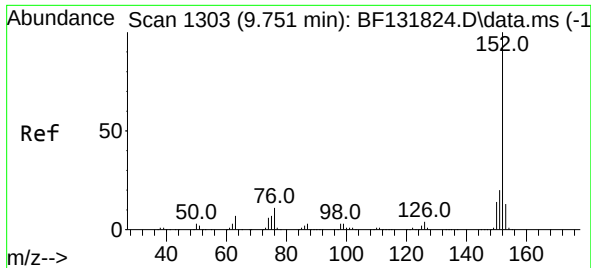
Ion Ratio Lower Upper

65 100

92 67.1 55.0 82.6

138 86.9 70.4 105.6

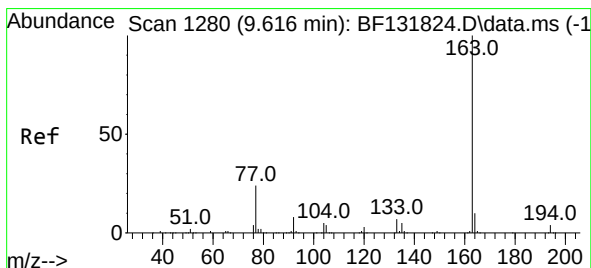
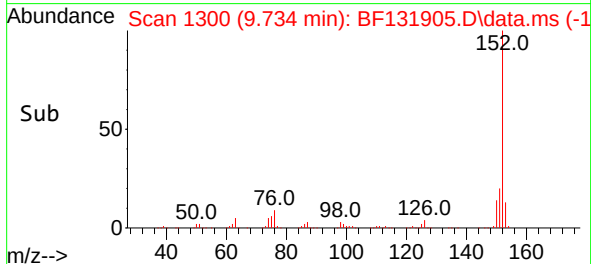
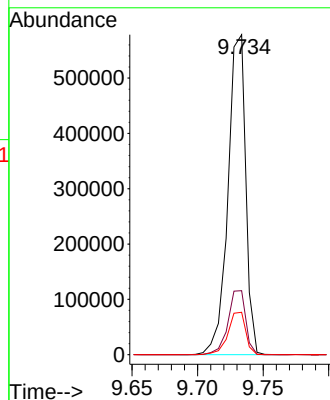
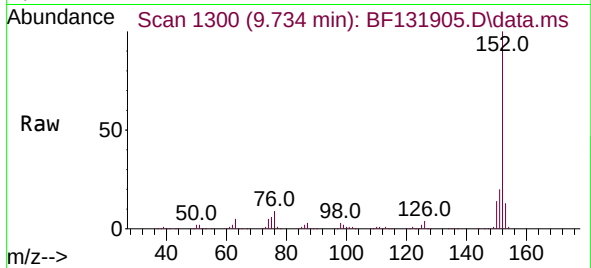




#49
Acenaphthylene
Concen: 40.878 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

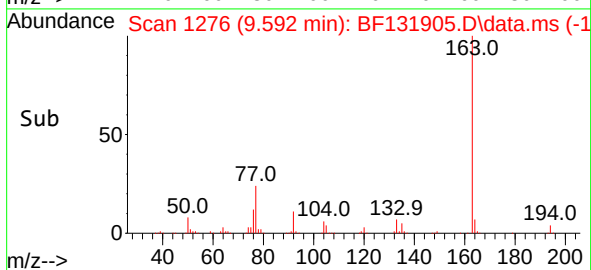
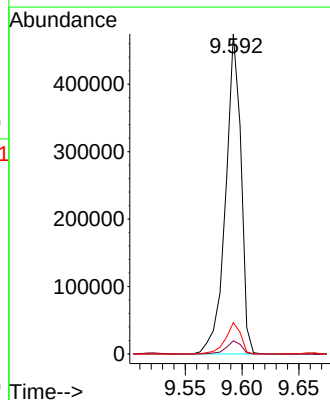
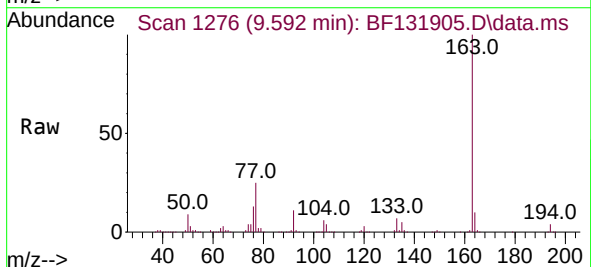
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

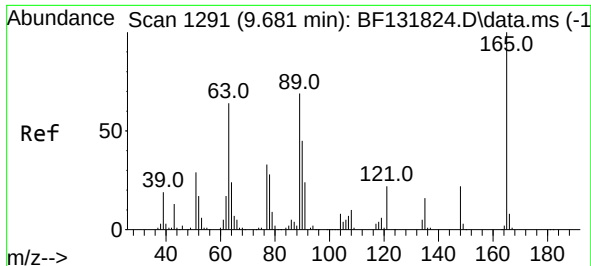
Tgt Ion:152 Resp: 544487
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 41.696 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:163 Resp: 445499
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.8 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 40.820 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

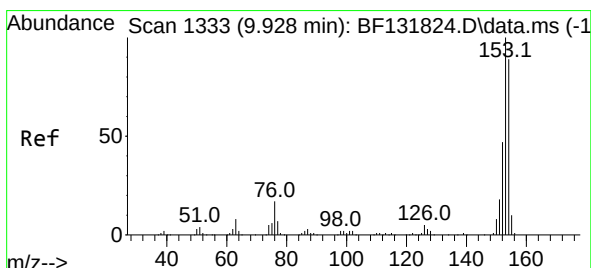
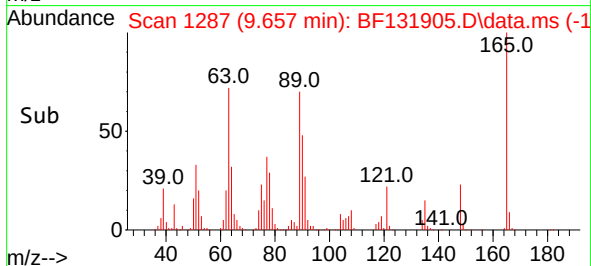
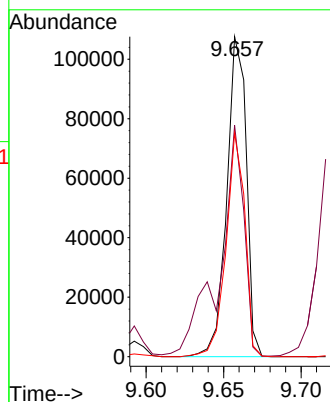
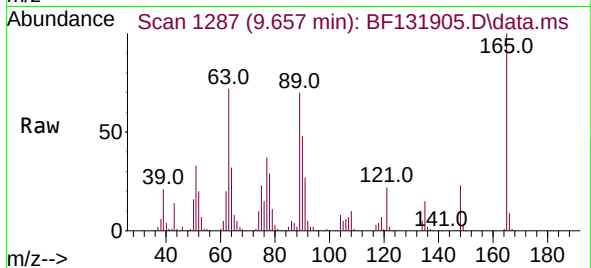
Tgt Ion:165 Resp: 94414

Ion Ratio Lower Upper

165 100

63 72.3 55.1 82.7

89 69.9 55.0 82.4



#52

Acenaphthene

Concen: 40.067 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

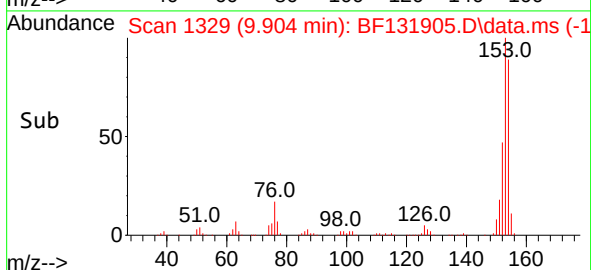
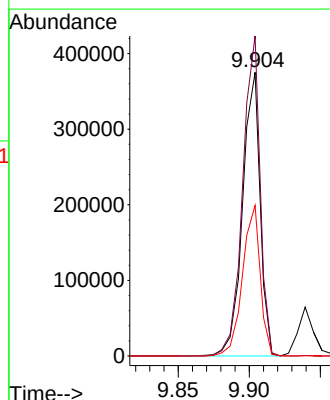
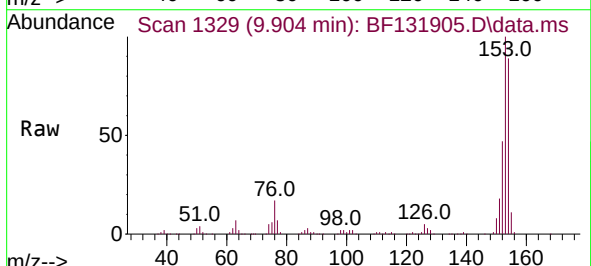
Tgt Ion:154 Resp: 322095

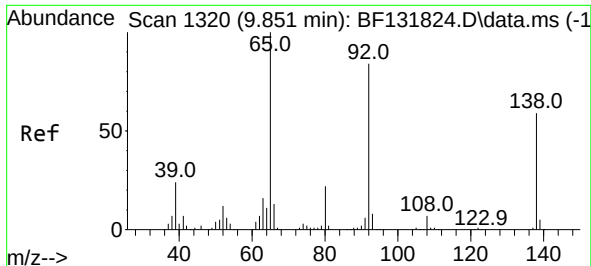
Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.2

152 53.1 42.5 63.7

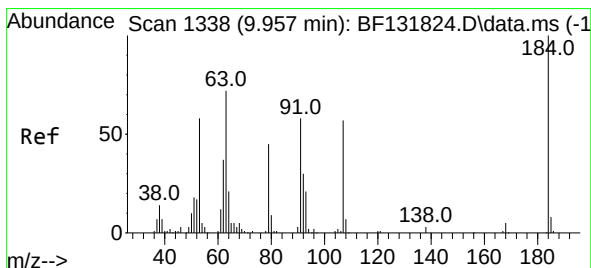
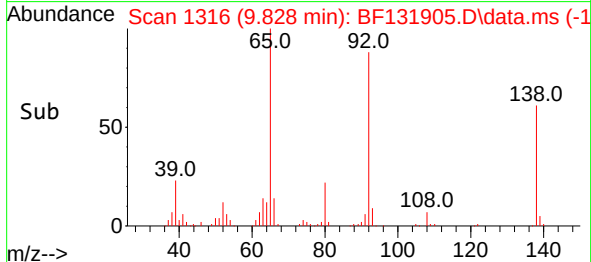
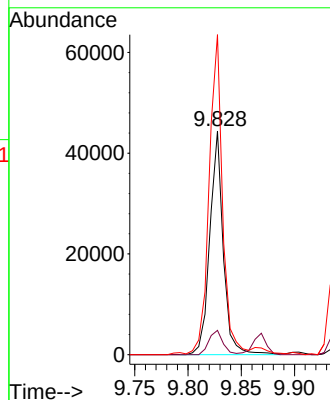
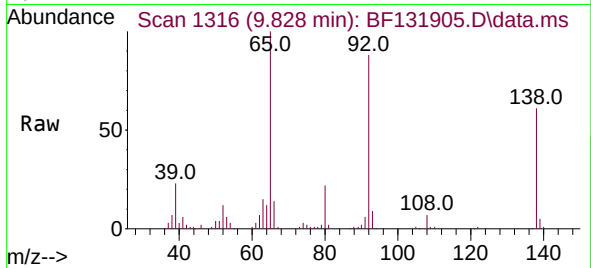




#53
3-Nitroaniline
Concen: 16.597 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

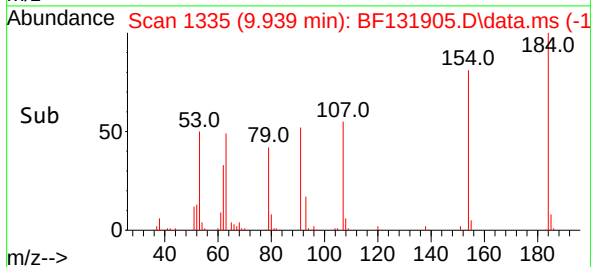
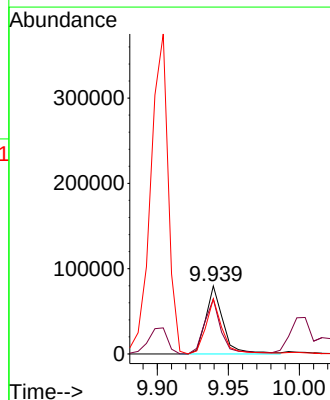
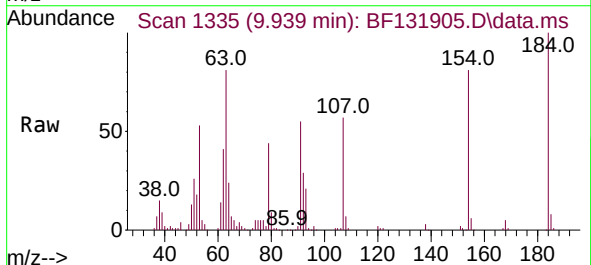
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

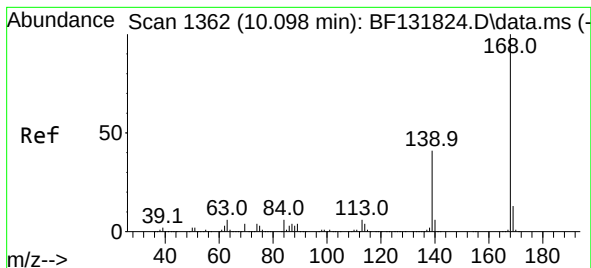
Tgt Ion:138 Resp: 39114
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 143.1 113.9 170.9



#54
2,4-Dinitrophenol
Concen: 51.077 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:184 Resp: 67985
Ion Ratio Lower Upper
184 100
63 80.5 66.8 100.2
154 81.1 61.6 92.4





#55

Dibenzofuran

Concen: 39.967 ng

RT: 10.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

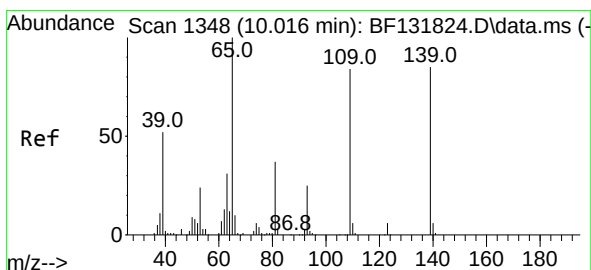
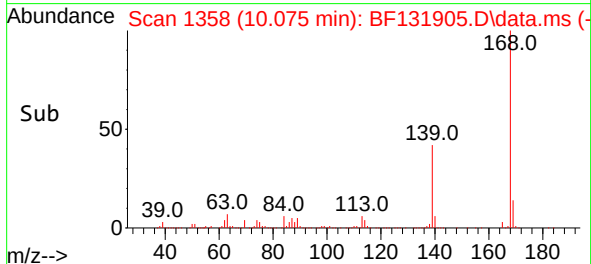
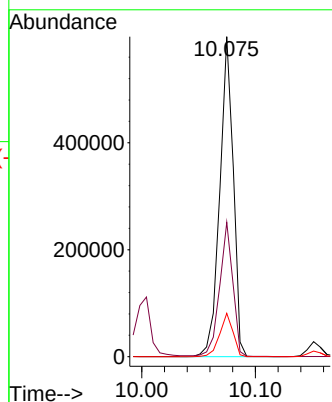
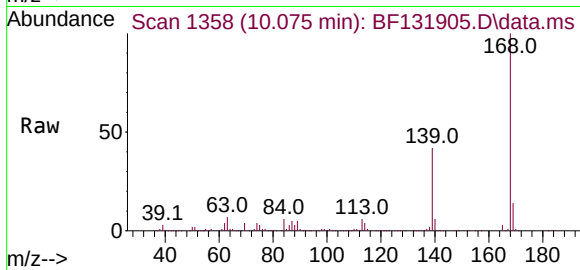
Tgt Ion:168 Resp: 495009

Ion Ratio Lower Upper

168 100

139 42.0 32.6 49.0

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 63.760 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

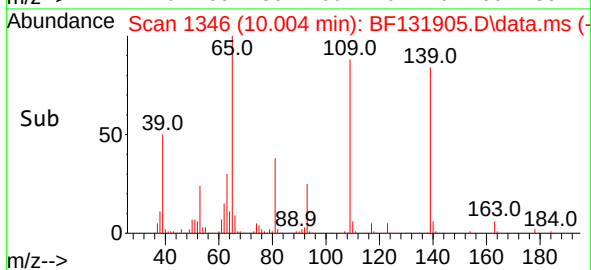
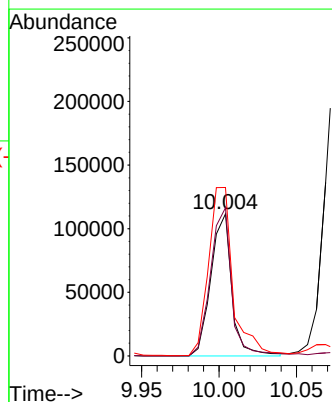
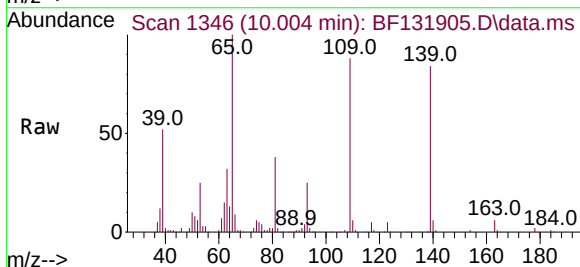
Tgt Ion:139 Resp: 105263

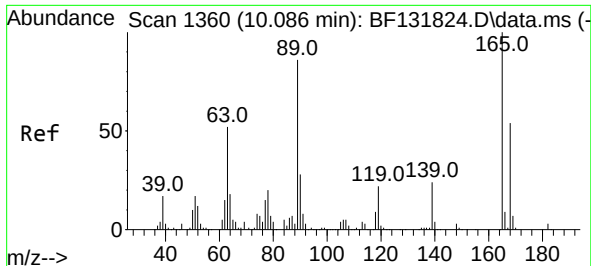
Ion Ratio Lower Upper

139 100

109 104.3 78.5 118.5

65 118.6 97.5 137.5

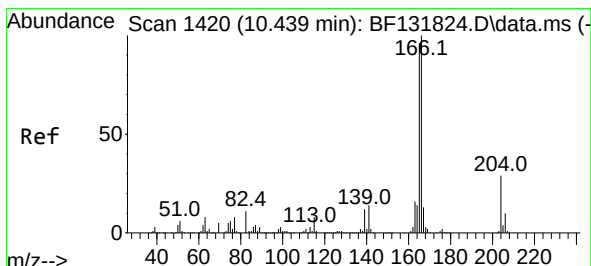
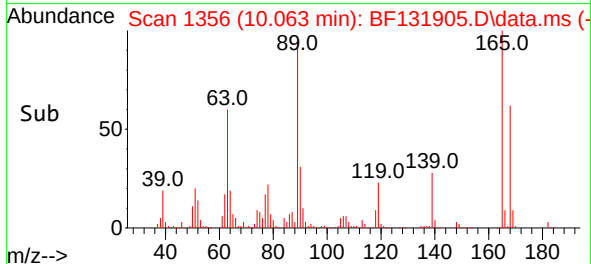
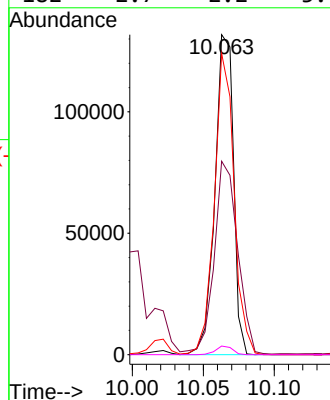
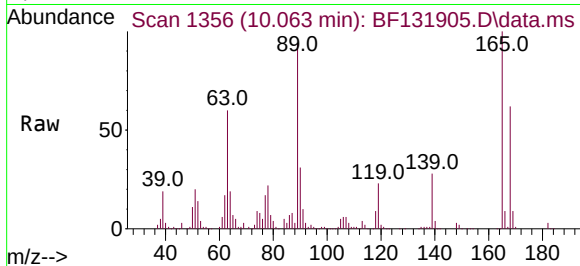




#57
2,4-Dinitrotoluene
Concen: 37.931 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

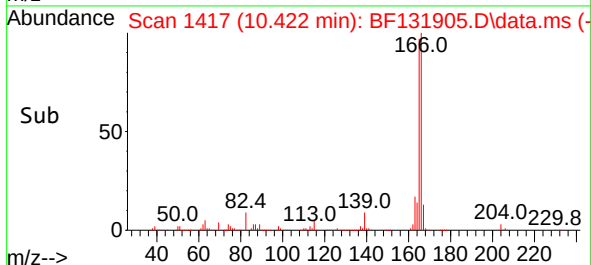
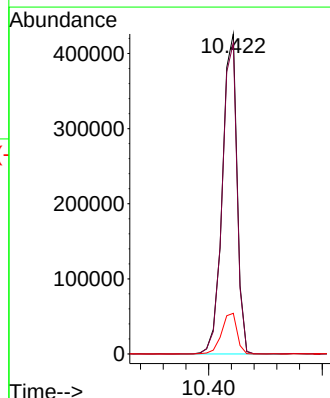
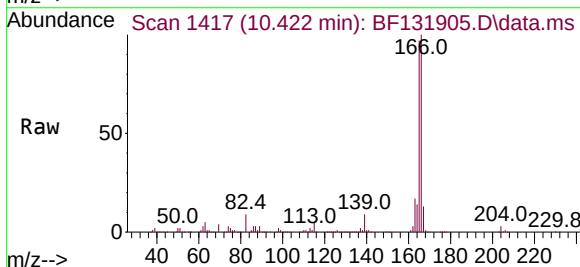
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

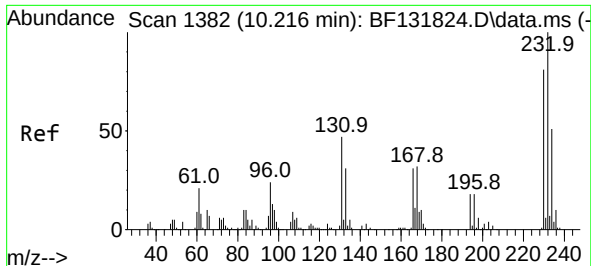
Tgt Ion:165 Resp: 119982
Ion Ratio Lower Upper
165 100
63 60.5 42.1 63.1
89 94.2 69.1 103.7
182 2.7 2.2 3.4



#58
Fluorene
Concen: 37.860 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:166 Resp: 382809
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.4
167 12.7 10.4 15.6

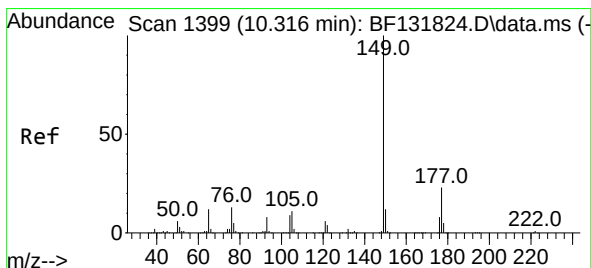
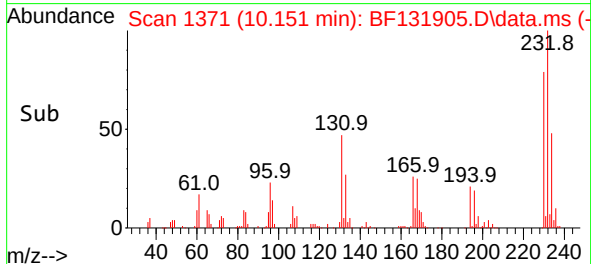
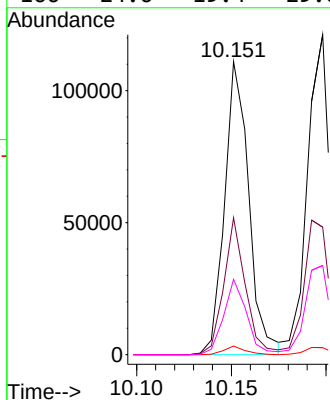
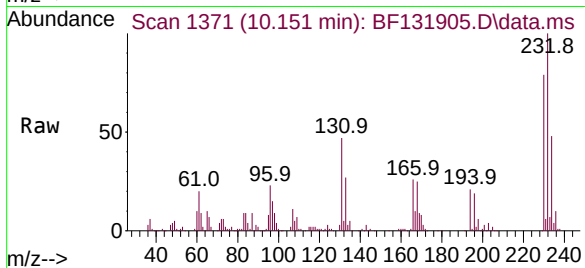




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.989 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

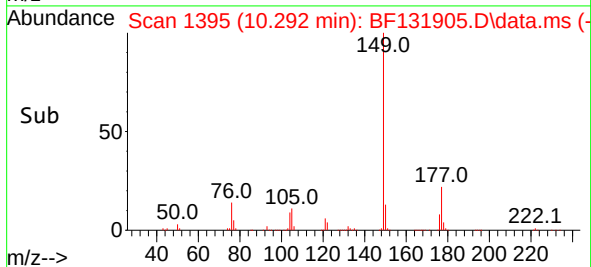
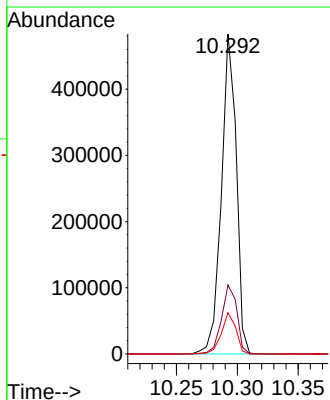
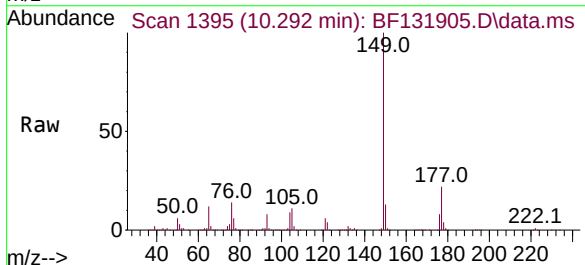
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

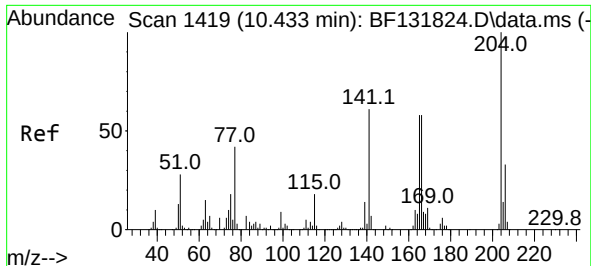
Tgt Ion:232 Resp: 98578
Ion Ratio Lower Upper
232 100
131 42.0 30.1 45.1
130 2.6 1.8 2.6
166 24.6 19.4 29.0



#60
Diethylphthalate
Concen: 40.041 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:149 Resp: 411759
Ion Ratio Lower Upper
149 100
177 21.5 18.1 27.1
150 12.9 9.8 14.8

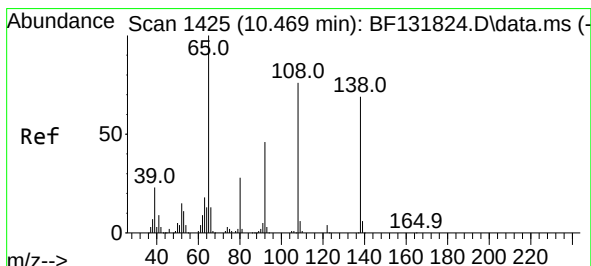
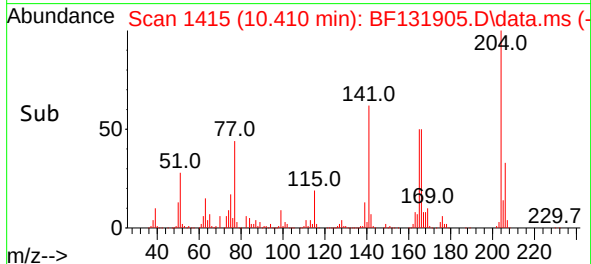
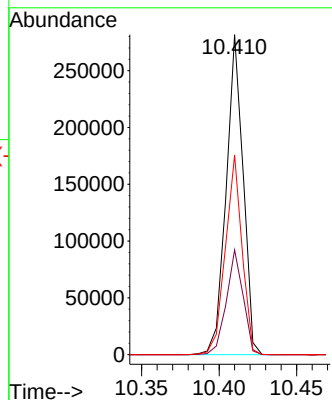
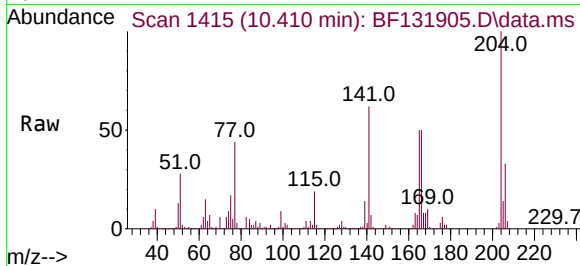




#61
4-Chlorophenyl-phenylether
Concen: 40.745 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

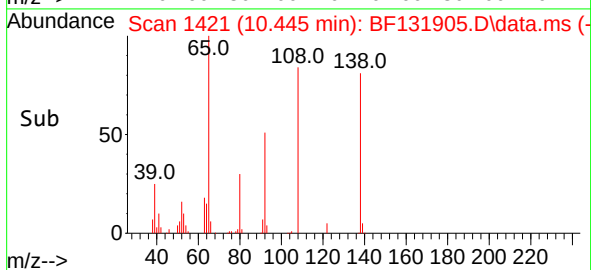
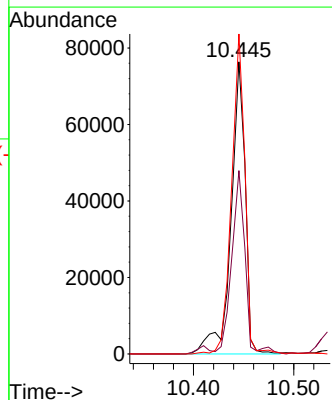
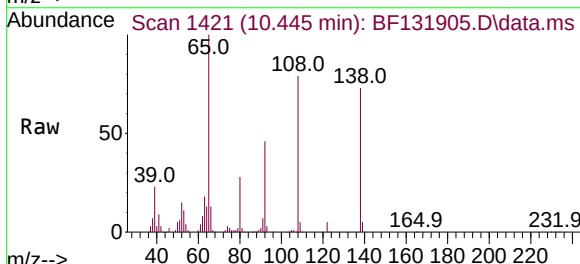
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

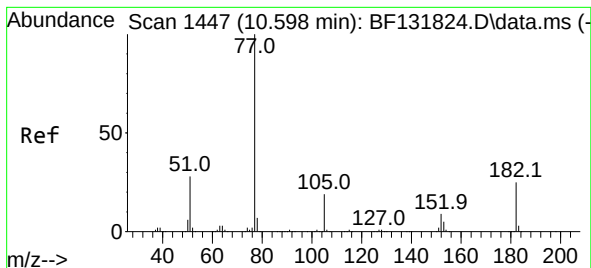
Tgt Ion:204 Resp: 214168
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.4 49.0 73.4



#62
4-Nitroaniline
Concen: 30.590 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:138 Resp: 75134
Ion Ratio Lower Upper
138 100
92 62.8 47.2 87.2
108 109.5 89.2 129.2





#63

Azobenzene

Concen: 38.287 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

Tgt Ion: 77 Resp: 436955

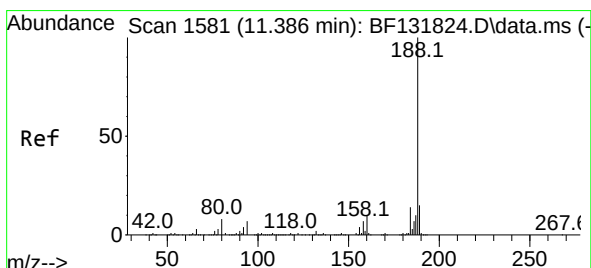
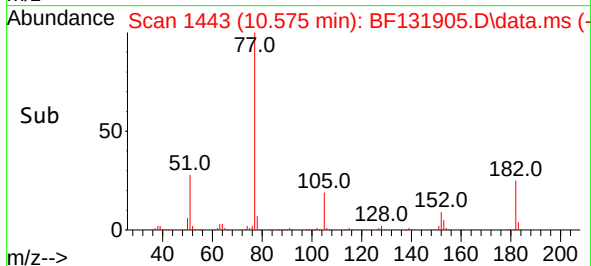
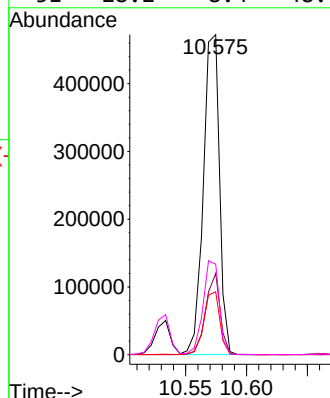
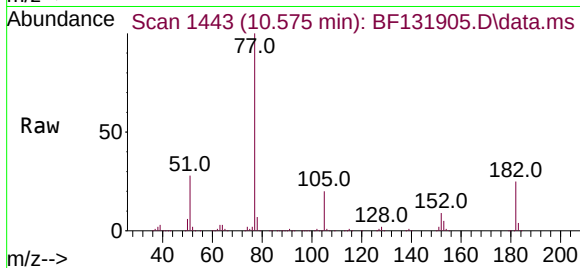
Ion Ratio Lower Upper

77 100

182 25.4 5.0 45.0

105 19.7 0.0 39.4

51 28.2 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

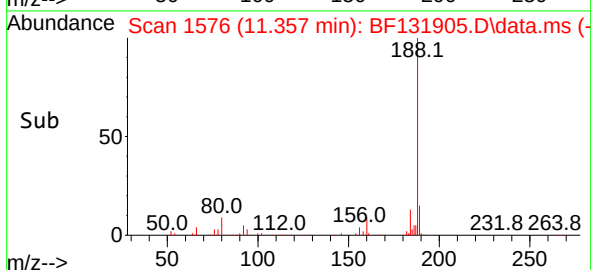
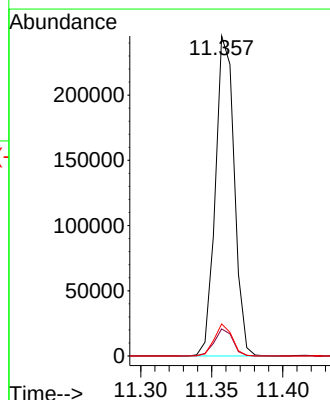
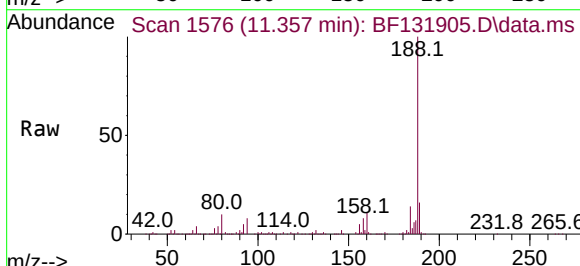
Tgt Ion: 188 Resp: 226519

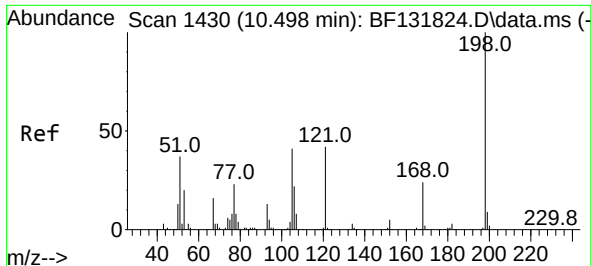
Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 10.0 6.7 10.1

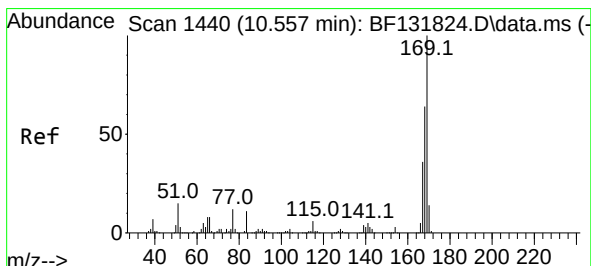
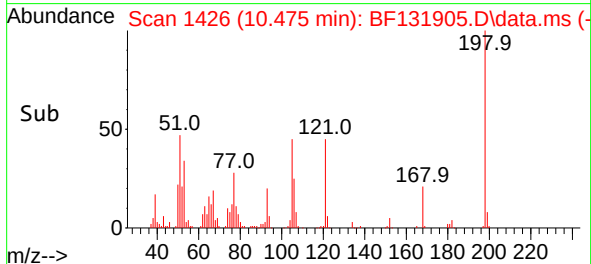
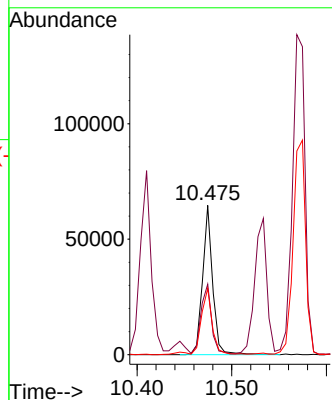
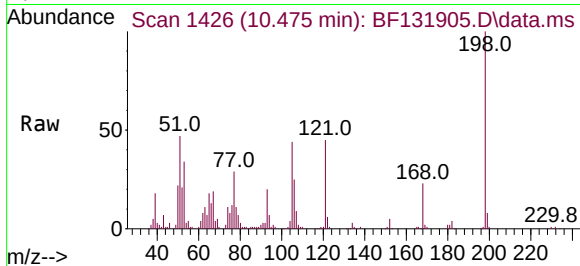




#65
4,6-Dinitro-2-methylphenol
Concen: 31.155 ng
RT: 10.475 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

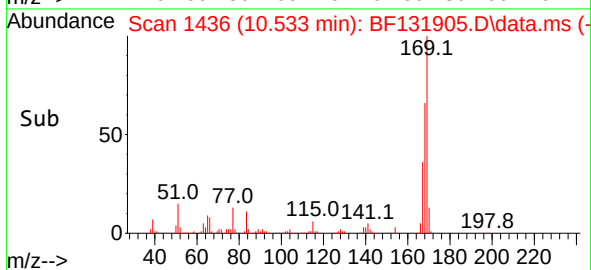
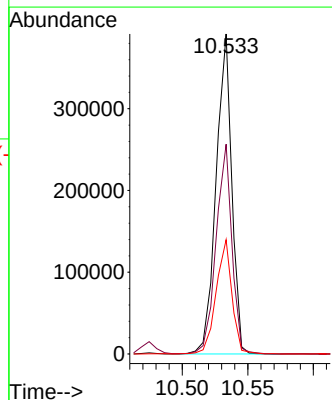
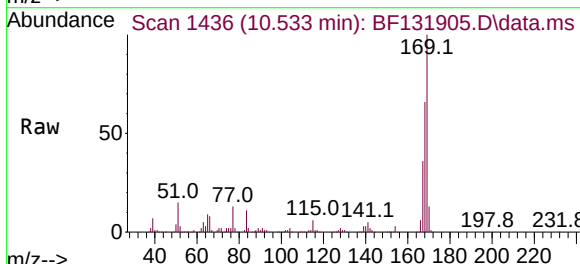
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

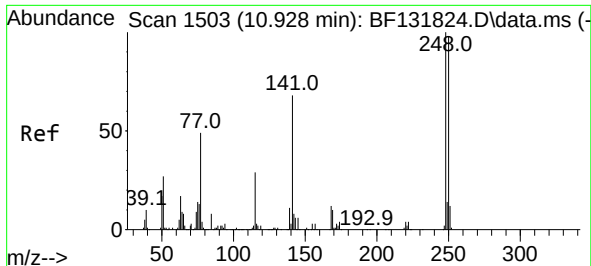
Tgt Ion:198 Resp: 48050
Ion Ratio Lower Upper
198 100
51 47.2 21.6 61.6
105 44.3 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 47.012 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:169 Resp: 324844
Ion Ratio Lower Upper
169 100
168 65.6 51.5 77.3
167 35.7 28.4 42.6

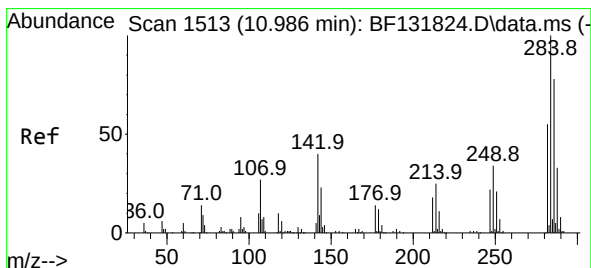
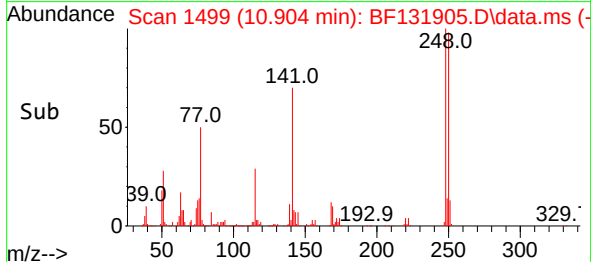
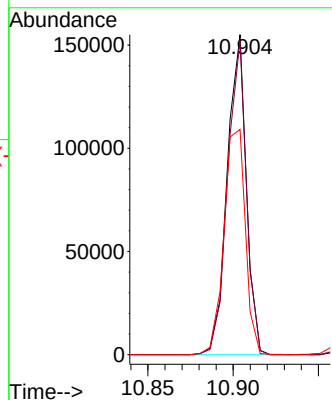
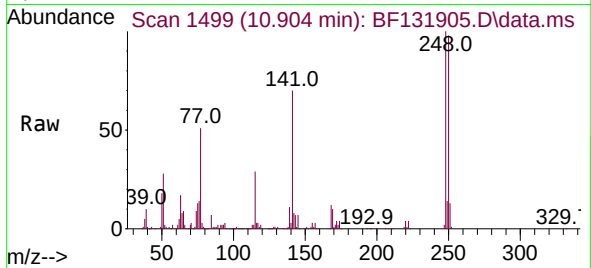




#67
4-Bromophenyl-phenylether
Concen: 46.018 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

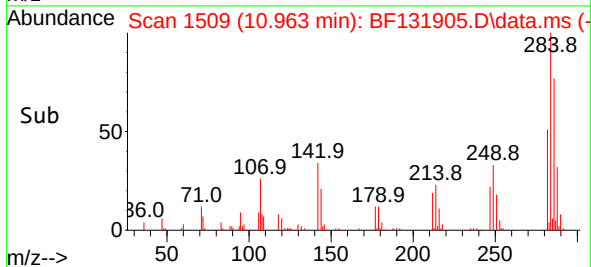
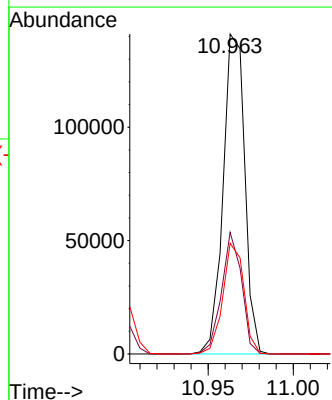
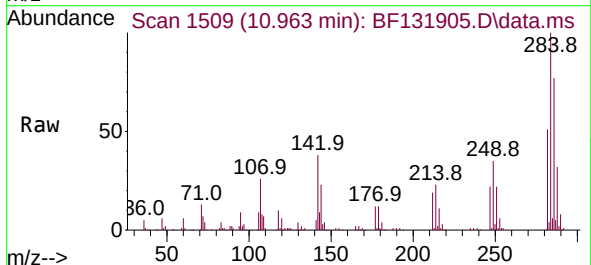
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

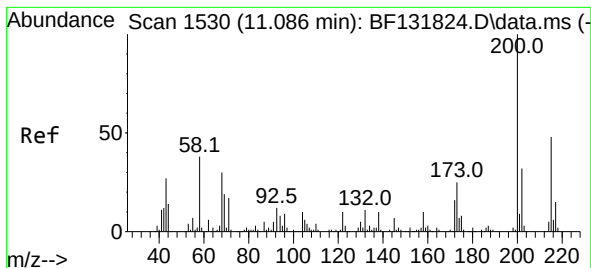
Tgt Ion:248 Resp: 120815
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 70.4 54.8 82.2



#68
Hexachlorobenzene
Concen: 43.379 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:284 Resp: 125105
Ion Ratio Lower Upper
284 100
142 38.0 31.6 47.4
249 34.6 26.9 40.3





#69

Atrazine

Concen: 50.228 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

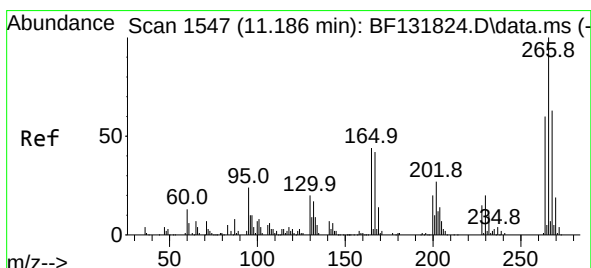
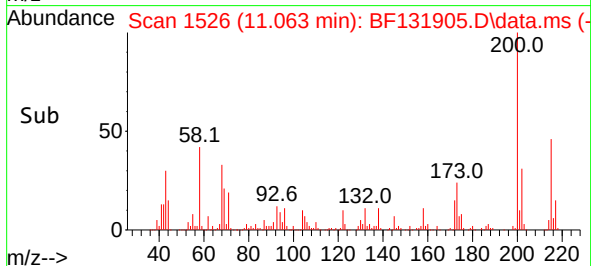
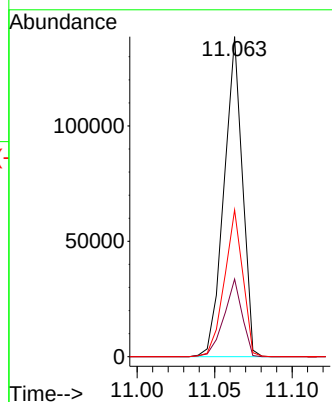
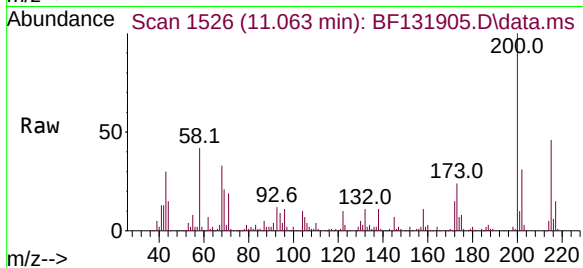
Tgt Ion:200 Resp: 114259

Ion Ratio Lower Upper

200 100

173 24.3 4.5 44.5

215 45.8 28.5 68.5



#70

Pentachlorophenol

Concen: 83.386 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

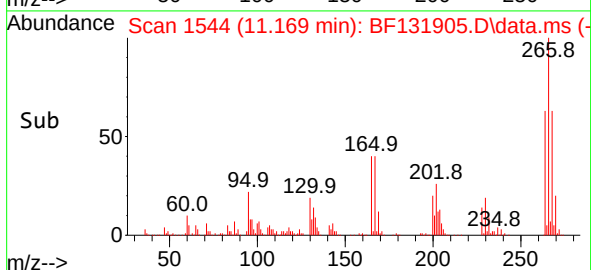
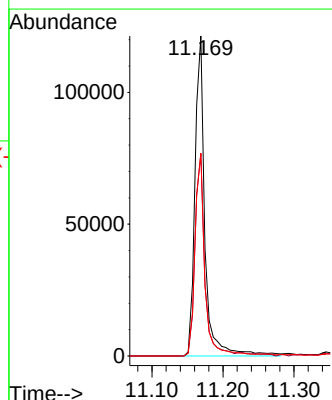
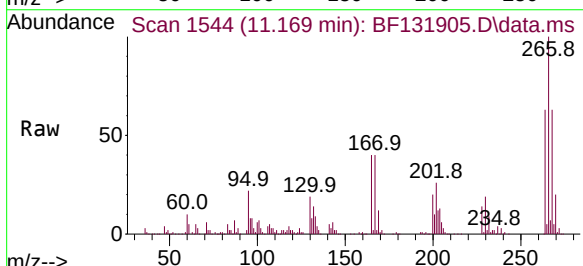
Tgt Ion:266 Resp: 118999

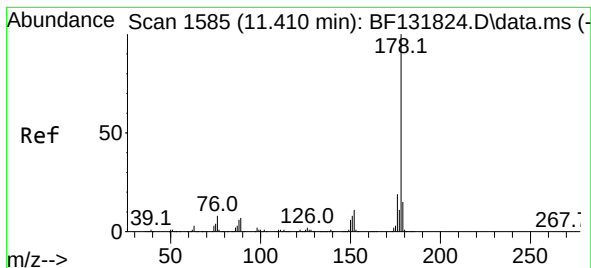
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 63.4 48.3 72.5





#71

Phenanthrene

Concen: 39.300 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

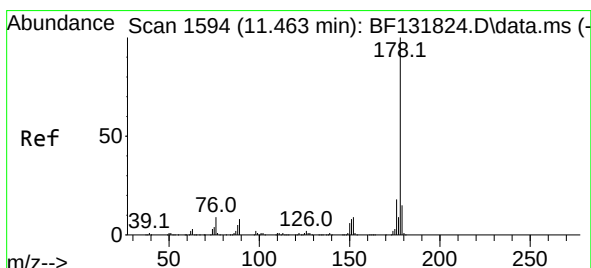
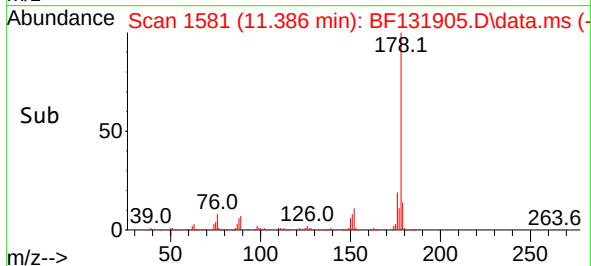
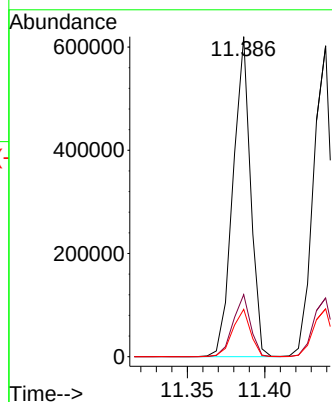
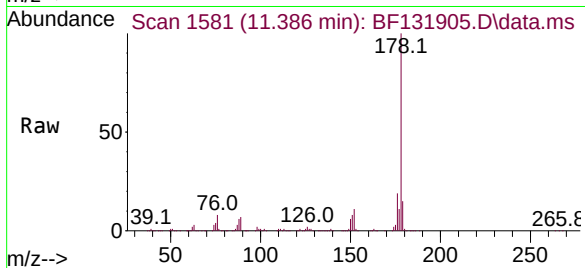
Tgt Ion:178 Resp: 489537

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 14.8 12.2 18.4



#72

Anthracene

Concen: 40.401 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

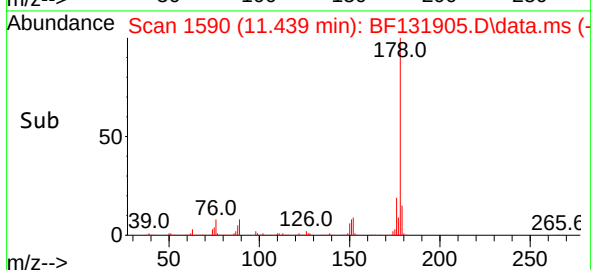
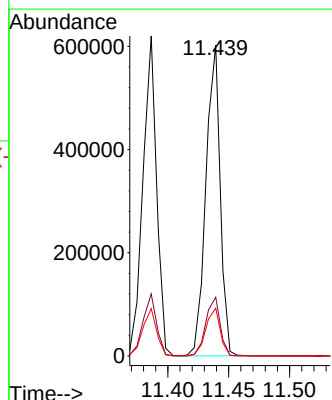
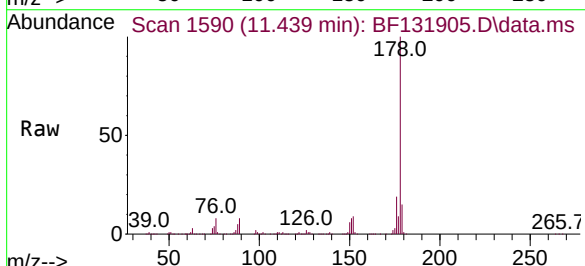
Tgt Ion:178 Resp: 492315

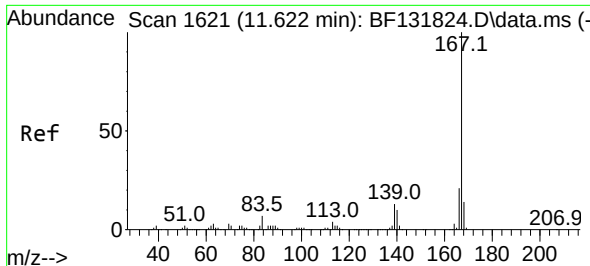
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.4 12.2 18.2

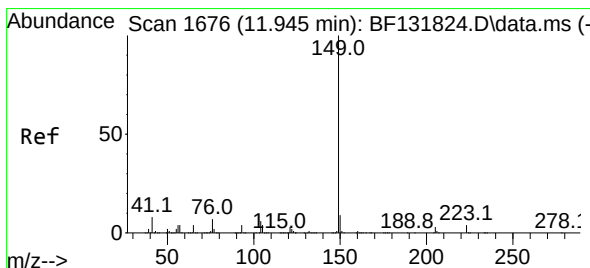
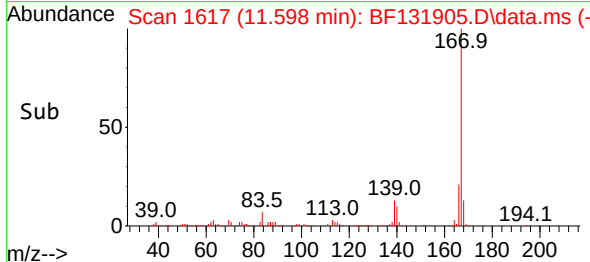
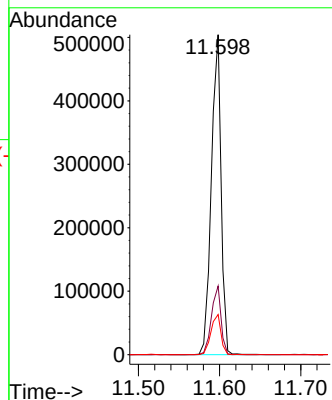
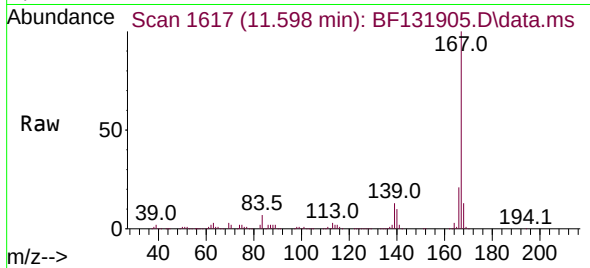




#73
 Carbazole
 Concen: 38.832 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

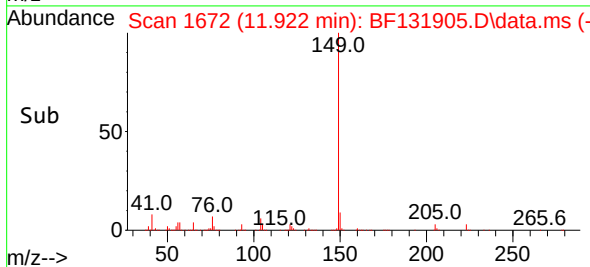
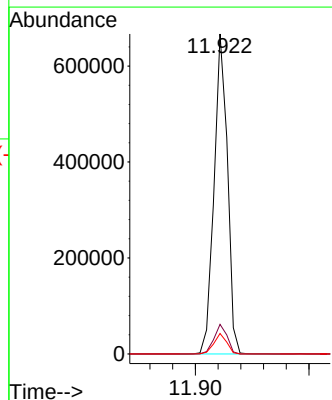
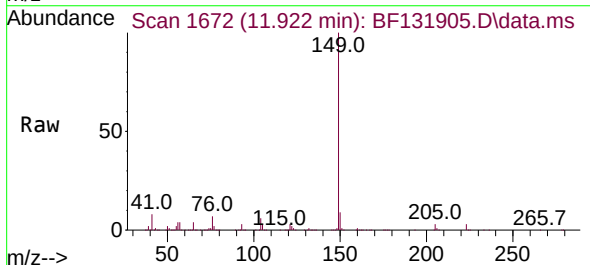
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

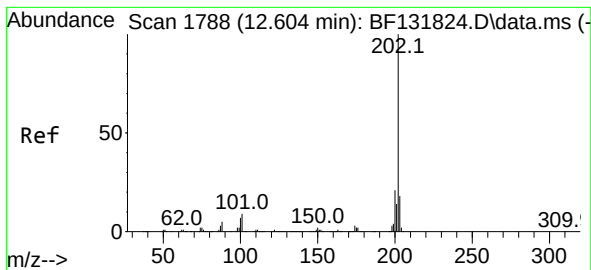
Tgt Ion:167 Resp: 417737
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.6 24.8
 139 12.5 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 41.800 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

Tgt Ion:149 Resp: 543511
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.4 5.1 7.7





#75

Fluoranthene

Concen: 31.929 ng

RT: 12.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

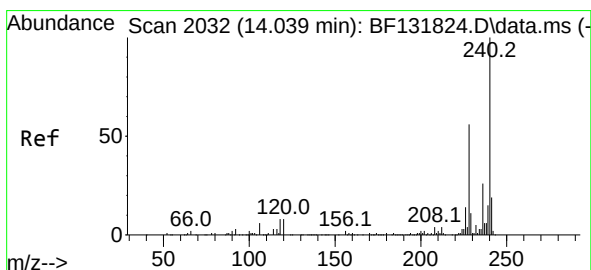
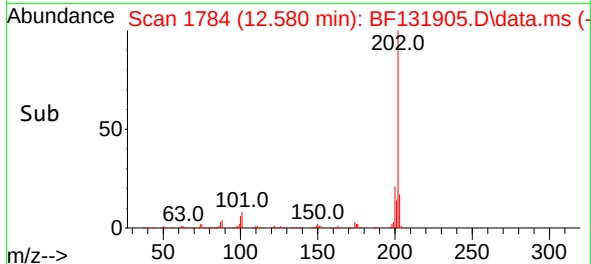
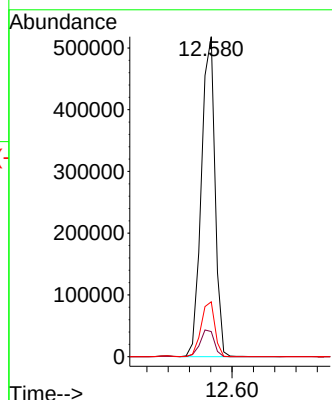
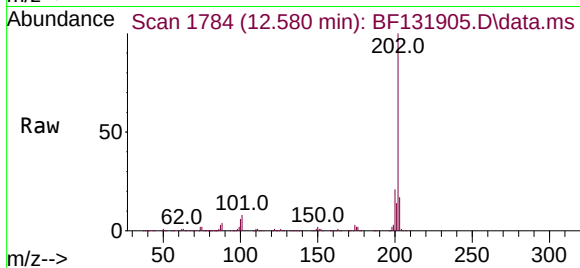
Tgt Ion:202 Resp: 463266

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.6

203 17.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

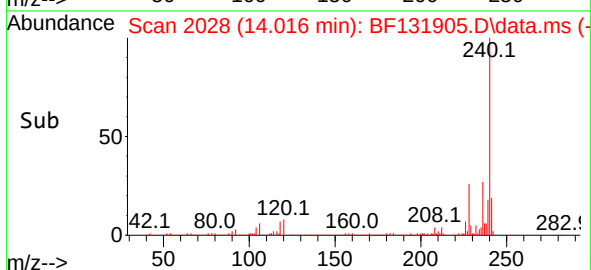
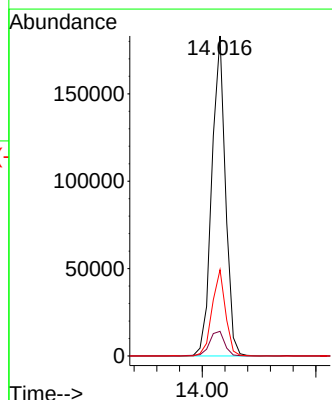
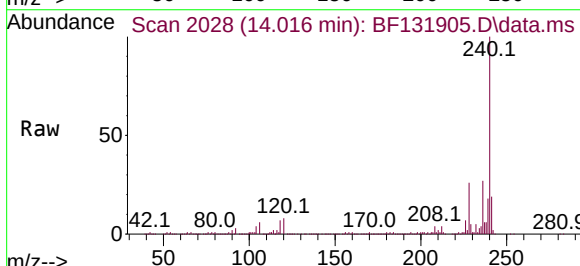
Tgt Ion:240 Resp: 152071

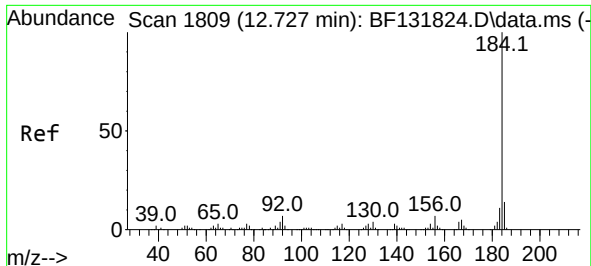
Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

236 27.0 20.6 31.0

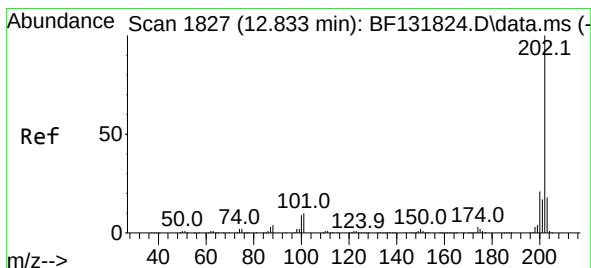
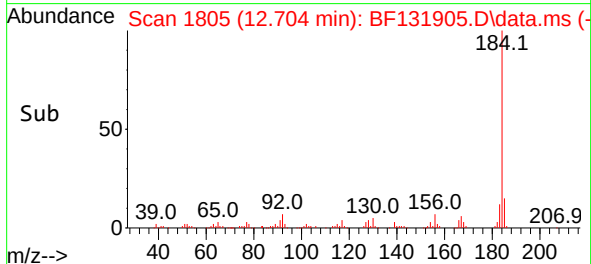
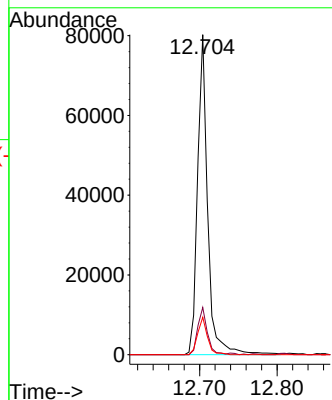
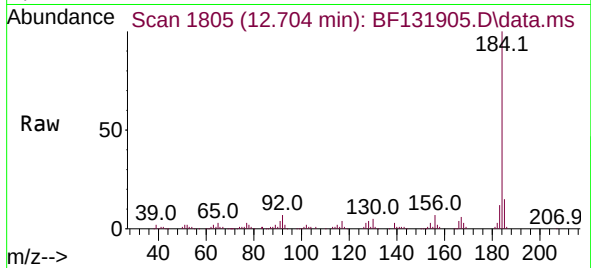




#77
Benzidine
Concen: 29.154 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

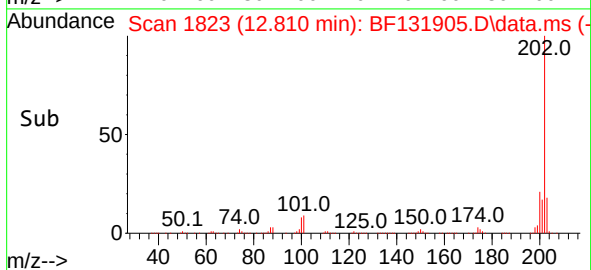
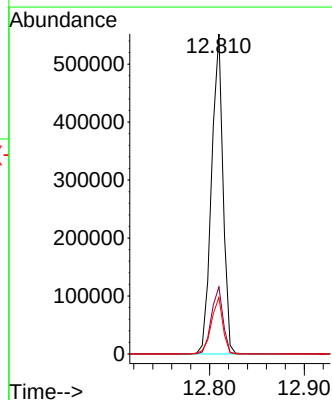
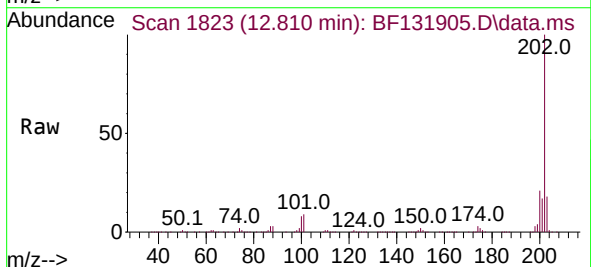
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

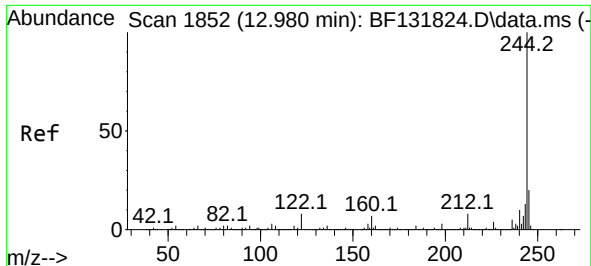
Tgt Ion:184 Resp: 72859
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.7 9.0 13.4



#78
Pyrene
Concen: 36.306 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:202 Resp: 462762
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.4 21.6

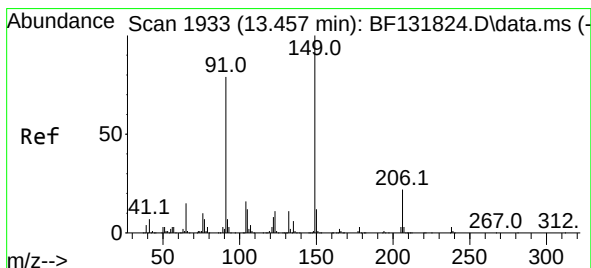
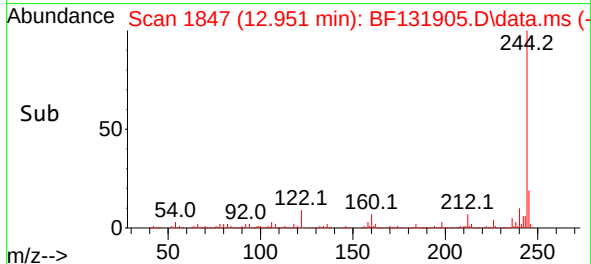
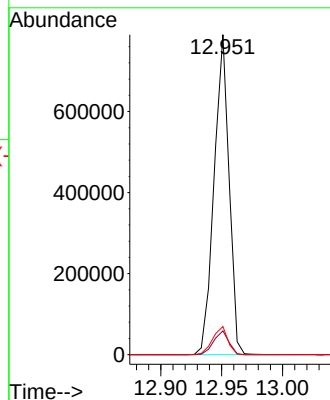
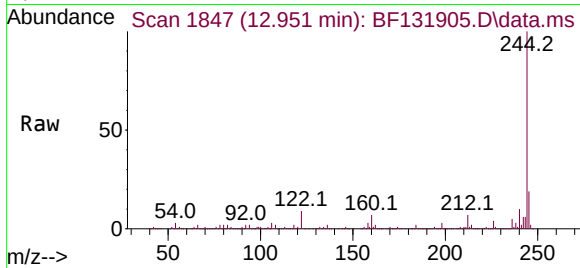




#79
 Terphenyl-d14
 Concen: 75.268 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

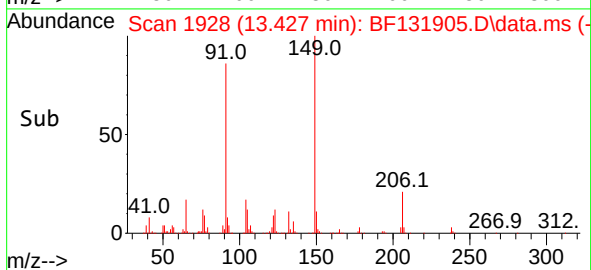
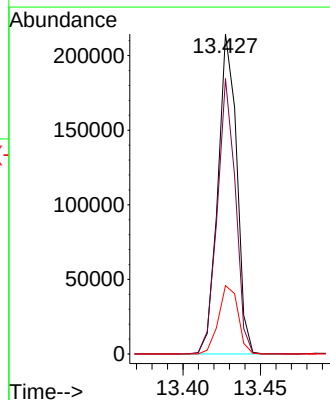
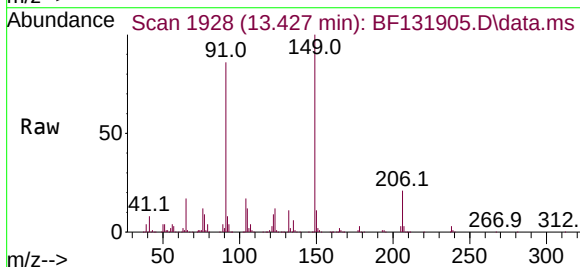
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

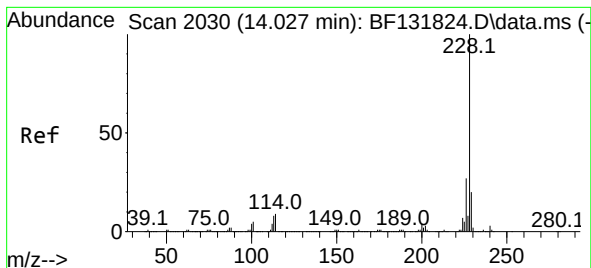
Tgt Ion:244 Resp: 676672
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 8.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 38.339 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

Tgt Ion:149 Resp: 181252
 Ion Ratio Lower Upper
 149 100
 91 86.0 63.2 94.8
 206 21.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.767 ng

RT: 14.004 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

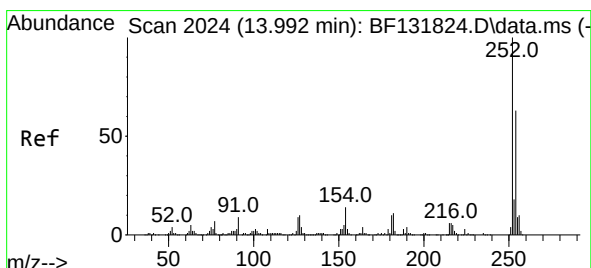
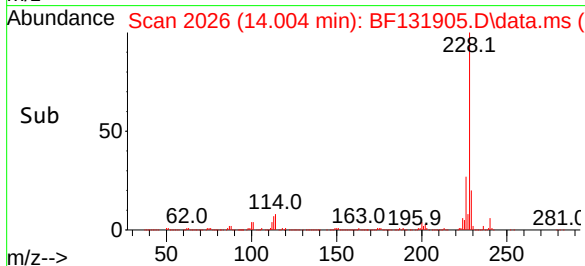
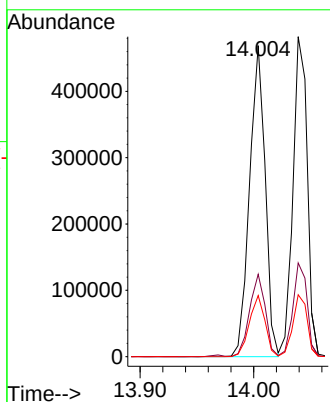
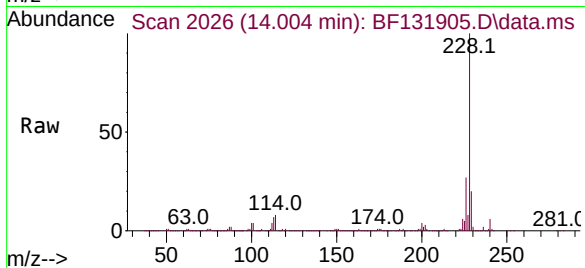
Tgt Ion:228 Resp: 448850

Ion Ratio Lower Upper

228 100

226 26.5 22.0 33.0

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.313 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

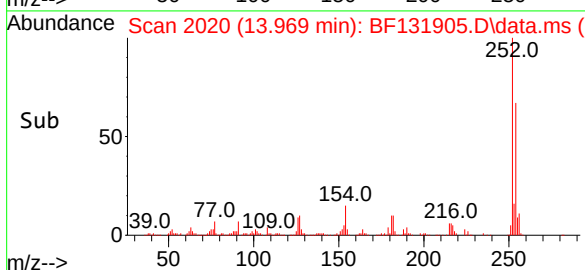
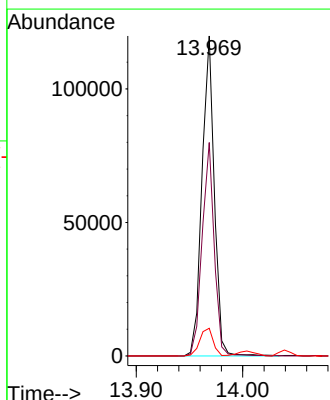
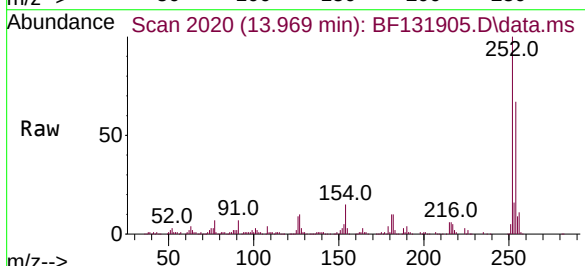
Tgt Ion:252 Resp: 96467

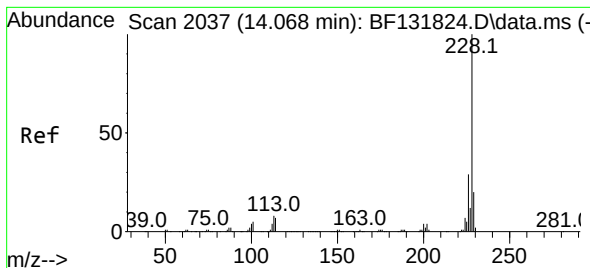
Ion Ratio Lower Upper

252 100

254 66.7 50.4 75.6

126 8.7 7.5 11.3





#83

Chrysene

Concen: 40.690 ng

RT: 14.039 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

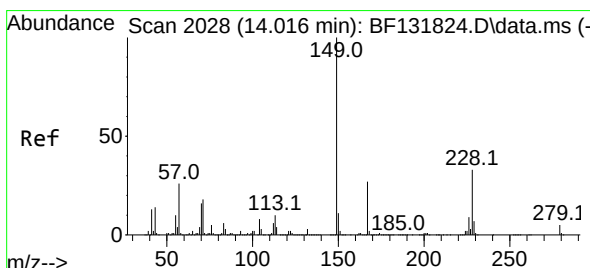
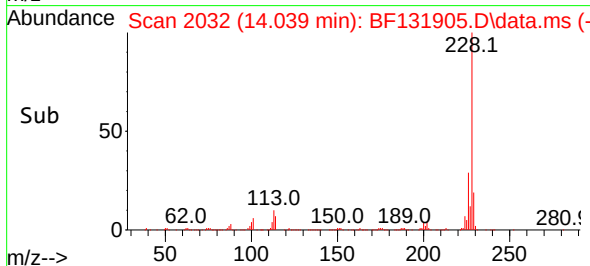
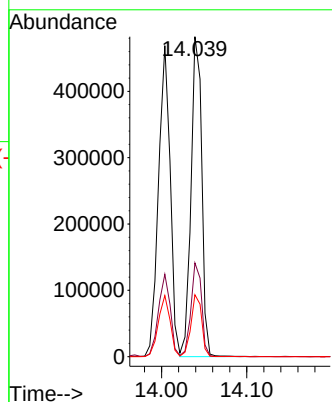
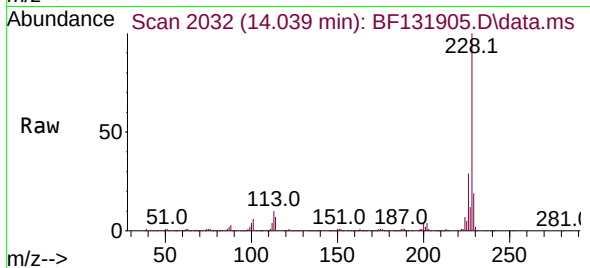
Tgt Ion:228 Resp: 420991

Ion Ratio Lower Upper

228 100

226 29.3 23.5 35.3

229 19.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.656 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

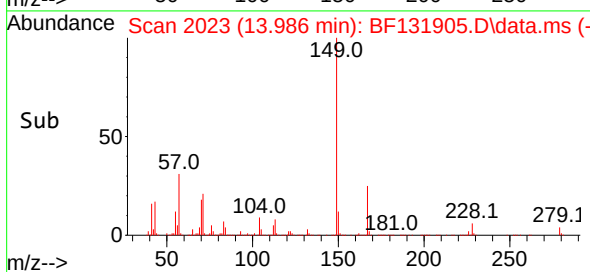
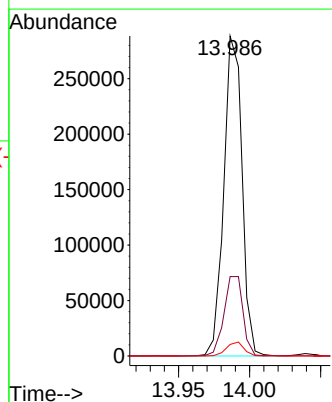
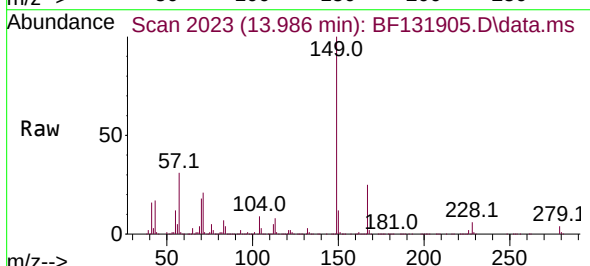
Tgt Ion:149 Resp: 257052

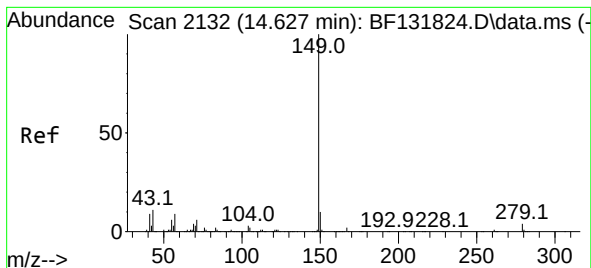
Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.6

279 3.6 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 59.395 ng

RT: 14.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

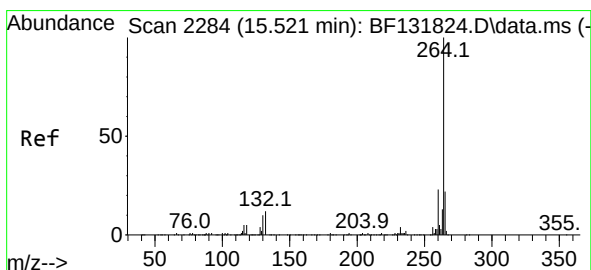
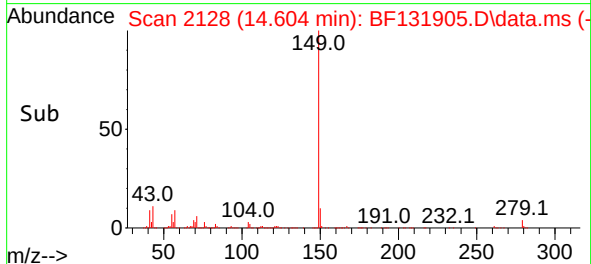
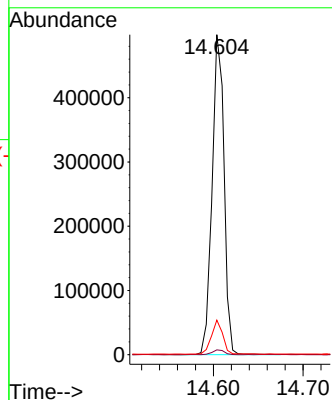
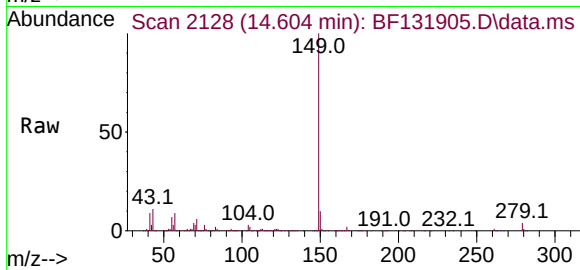
Tgt Ion:149 Resp: 460255

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

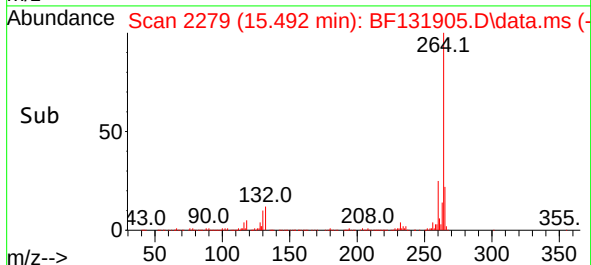
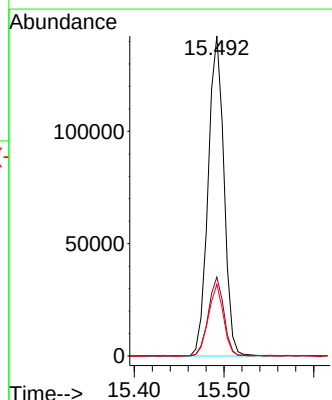
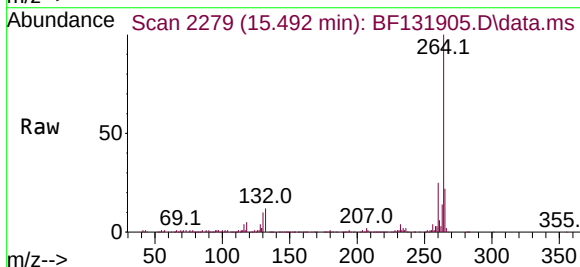
Tgt Ion:264 Resp: 174148

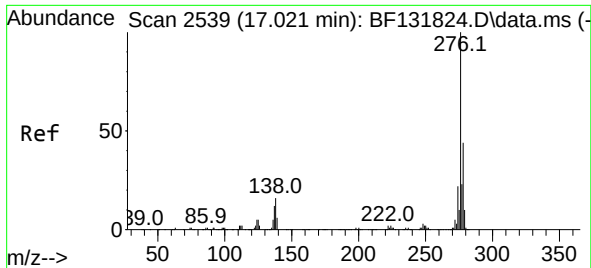
Ion Ratio Lower Upper

264 100

260 24.6 18.6 28.0

265 22.4 17.4 26.0

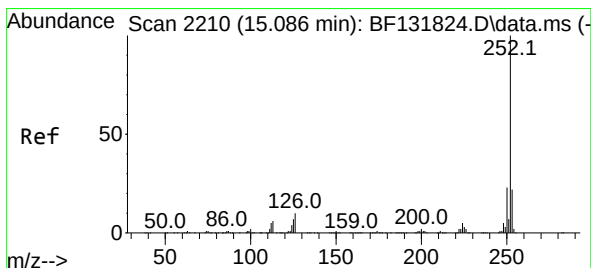
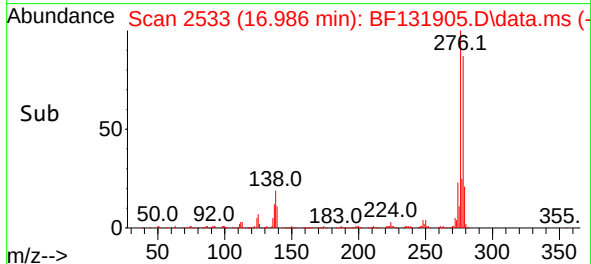
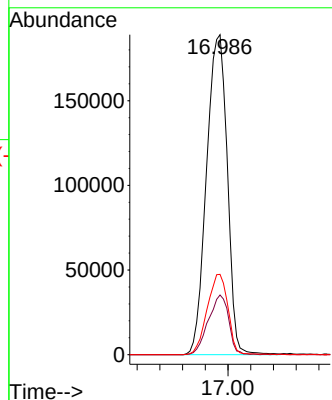
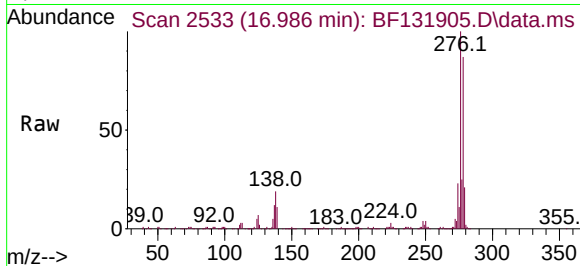




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.323 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

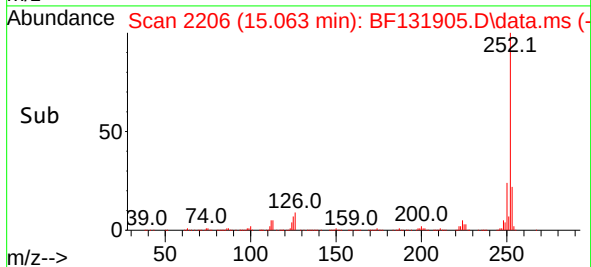
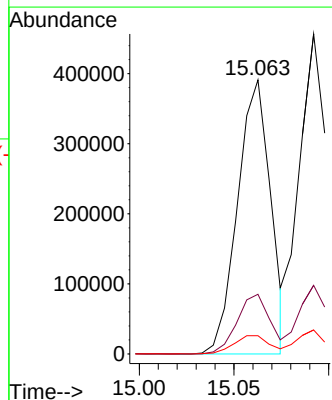
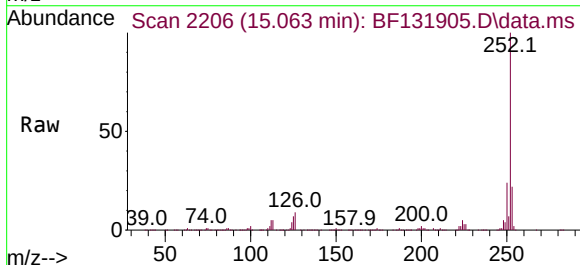
Instrument :
BNA_F
ClientSampleId :
TP-1SMS

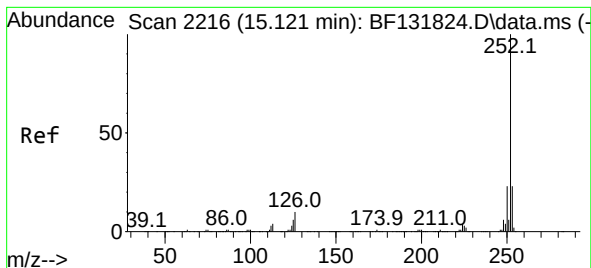
Tgt Ion:276 Resp: 479311
Ion Ratio Lower Upper
276 100
138 18.3 14.5 21.7
277 25.1 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 37.132 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF131905.D
Acq: 04 Jan 2023 18:34

Tgt Ion:252 Resp: 474143
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.7 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 37.292 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-1SMS

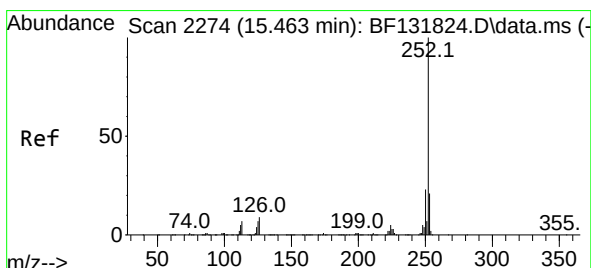
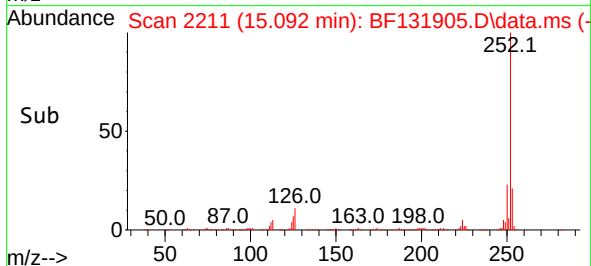
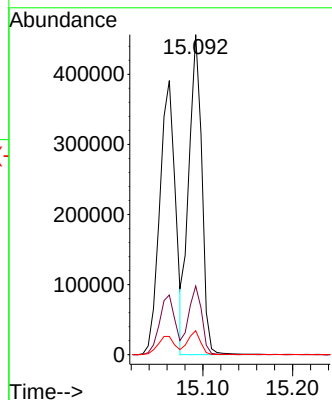
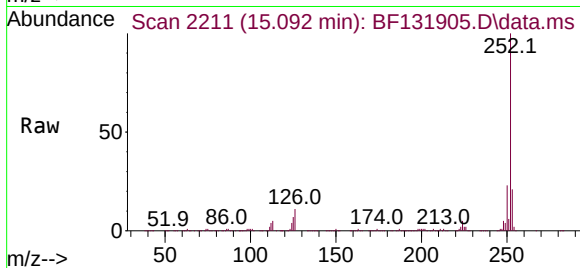
Tgt Ion:252 Resp: 460100

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 7.5 5.4 8.0



#90

Benzo(a)pyrene

Concen: 41.671 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF131905.D

Acq: 04 Jan 2023 18:34

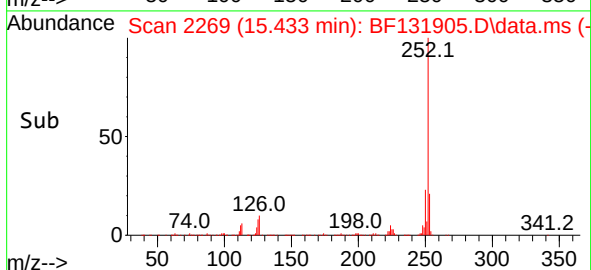
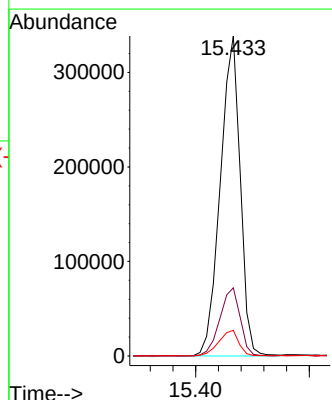
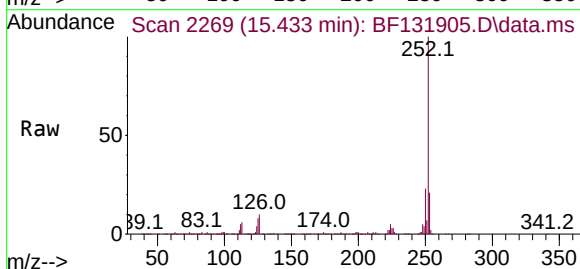
Tgt Ion:252 Resp: 411957

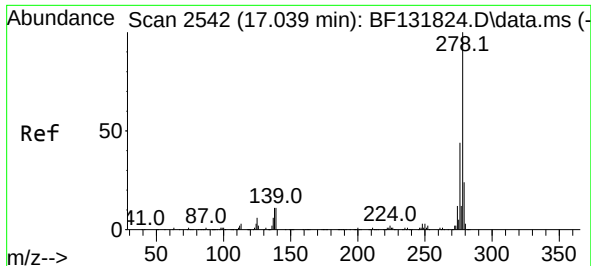
Ion Ratio Lower Upper

252 100

253 21.3 16.6 24.8

125 8.0 5.8 8.8

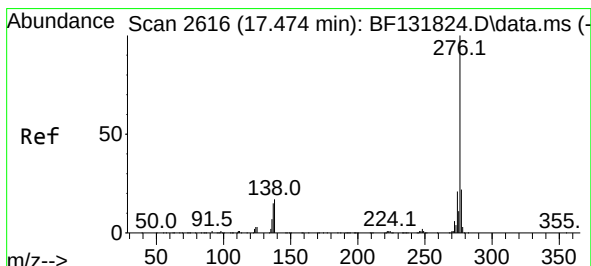
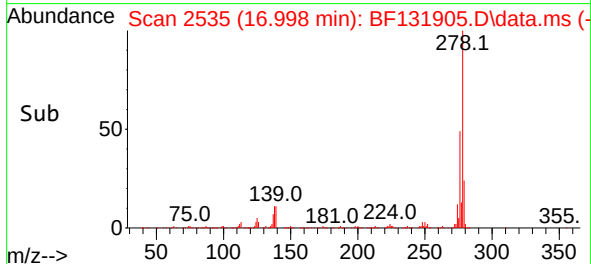
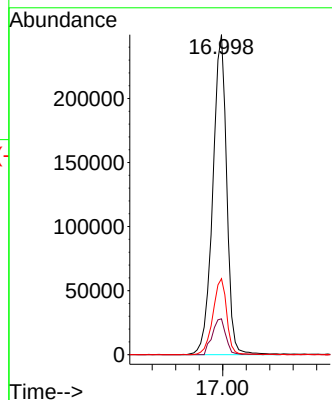
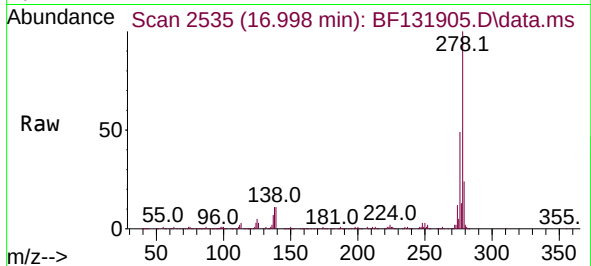




#91
 Dibenzo(a,h)anthracene
 Concen: 45.265 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMS

Tgt Ion:278 Resp: 410211
 Ion Ratio Lower Upper
 278 100
 139 11.2 8.6 12.8
 279 23.7 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 35.110 ng
 RT: 17.427 min Scan# 2608
 Delta R.T. -0.000 min
 Lab File: BF131905.D
 Acq: 04 Jan 2023 18:34

Tgt Ion:276 Resp: 359389
 Ion Ratio Lower Upper
 276 100
 277 22.6 17.9 26.9
 138 15.4 13.7 20.5

