

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140189.D
 Acq On : 31 Oct 2024 15:14
 Operator : RC/JU
 Sample : P4611-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Oct 31 16:20:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	97432	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	389245	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	226688	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	395242	20.000	ng	0.00
76) Chrysene-d12	14.086	240	203591	20.000	ng	0.04
86) Perylene-d12	15.610	264	197882	20.000	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	865720	139.100	ng	0.02
7) Phenol-d6	6.516	99	1049223	130.164	ng	0.00
23) Nitrobenzene-d5	7.451	82	822622	117.131	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	375630	177.153	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1496173	109.080	ng	0.00
79) Terphenyl-d14	13.016	244	1468155	117.507	ng	0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.805	88	98160	33.827	ng	# 80
3) Pyridine	3.528	79	249063	34.627	ng	98
4) n-Nitrosodimethylamine	3.463	42	162645	42.087	ng	# 95
6) Aniline	6.551	93	263788	35.113	ng	99
8) 2-Chlorophenol	6.669	128	327775	51.516	ng	99
9) Benzaldehyde	6.434	77	34422	7.591	ng	98
10) Phenol	6.528	94	373820	44.983	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	309423	48.173	ng	100
12) 1,3-Dichlorobenzene	6.828	146	256315	35.094	ng	100
13) 1,4-Dichlorobenzene	6.904	146	264444	36.241	ng	99
14) 1,2-Dichlorobenzene	7.057	146	264318	38.812	ng	98
15) Benzyl Alcohol	7.022	79	338999	57.332	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	484464	44.233	ng	97
17) 2-Methylphenol	7.134	107	283574	52.268	ng	98
18) Hexachloroethane	7.398	117	91346	35.105	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	253506	51.854	ng	98
20) 3+4-Methylphenols	7.287	107	354404	51.071	ng	# 82
22) Acetophenone	7.293	105	464868	48.760	ng	97
24) Nitrobenzene	7.469	77	374021	48.574	ng	100
25) Isophorone	7.704	82	720513	54.053	ng	100
26) 2-Nitrophenol	7.781	139	179419	61.765	ng	98
27) 2,4-Dimethylphenol	7.816	122	297736	61.468	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	411827	50.993	ng	99
29) 2,4-Dichlorophenol	8.022	162	302062	54.750	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	264351	43.302	ng	99
31) Naphthalene	8.187	128	934508	46.551	ng	100
32) Benzoic acid	7.928	122	237775	56.282	ng	100
33) 4-Chloroaniline	8.234	127	131928	19.273	ng	98
34) Hexachlorobutadiene	8.304	225	158464	41.313	ng	99
35) Caprolactam	8.610	113	56497	32.205	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	356745	58.396	ng	99
37) 2-Methylnaphthalene	8.881	142	647278	52.647	ng	100
38) 1-Methylnaphthalene	8.981	142	611102	50.661	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	309990	50.688	ng	99
41) Hexachlorocyclopentadiene	9.034	237	328573	154.407	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	245015	56.588	ng	99

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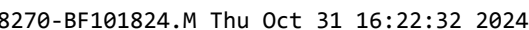
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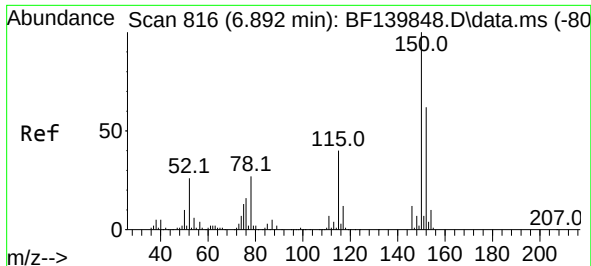
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	254053	56.871	ng	99
46) 1,1'-Biphenyl	9.345	154	833767	52.834	ng	99
47) 2-Chloronaphthalene	9.375	162	659748	51.908	ng	99
48) 2-Nitroaniline	9.469	65	256172	65.900	ng	96
49) Acenaphthylene	9.792	152	1069997	58.231	ng	99
50) Dimethylphthalate	9.651	163	842823	59.690	ng	100
51) 2,6-Dinitrotoluene	9.710	165	185787	60.769	ng	98
52) Acenaphthene	9.963	154	770840	64.849	ng	98
53) 3-Nitroaniline	9.881	138	129538	41.087	ng	99
54) 2,4-Dinitrophenol	9.992	184	232474	174.612	ng	# 1
55) Dibenzofuran	10.139	168	942827	55.283	ng	100
56) 4-Nitrophenol	10.045	139	281356	115.995	ng	97
57) 2,4-Dinitrotoluene	10.122	165	250582	66.651	ng	97
58) Fluorene	10.481	166	740598	57.014	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	212705	60.738	ng	99
60) Diethylphthalate	10.357	149	814345	58.739	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	368675	56.202	ng	98
62) 4-Nitroaniline	10.504	138	190016	63.814	ng	97
63) Azobenzene	10.633	77	831026	56.541	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	145347	90.156	ng	91
66) n-Nitrosodiphenylamine	10.592	169	687229	58.095	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	239076	58.716	ng	98
68) Hexachlorobenzene	11.028	284	267008	58.307	ng	100
69) Atrazine	11.122	200	228049	71.167	ng	98
70) Pentachlorophenol	11.228	266	321050	115.518	ng	99
71) Phenanthrene	11.451	178	1066747	57.138	ng	100
72) Anthracene	11.498	178	1077410	59.148	ng	100
73) Carbazole	11.651	167	935643	55.230	ng	99
74) Di-n-butylphthalate	11.980	149	1178683	60.222	ng	100
75) Fluoranthene	12.639	202	1001127	53.044	ng	99
77) Benzidine	12.757	184	70914	21.183	ng	100
78) Pyrene	12.869	202	983012	55.160	ng	100
80) Butylbenzylphthalate	13.492	149	395943	74.108	ng	99
81) Benzo(a)anthracene	14.074	228	784356	59.183	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	191076	49.448	ng	100
83) Chrysene	14.110	228	734563	60.450	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	505320	84.300	ng	99
85) Di-n-octyl phthalate	14.710	149	795925	73.001	ng	97
87) Indeno(1,2,3-cd)pyrene	17.139	276	605951	47.599	ng	97
88) Benzo(b)fluoranthene	15.168	252	719241	59.668	ng	99
89) Benzo(k)fluoranthene	15.198	252	661525	63.635	ng	99
90) Benzo(a)pyrene	15.545	252	630980	63.616	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	502418	47.309	ng	98
92) Benzo(g,h,i)perylene	17.604	276	438468	41.334	ng	98

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

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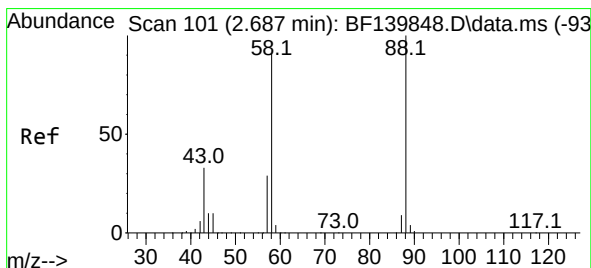
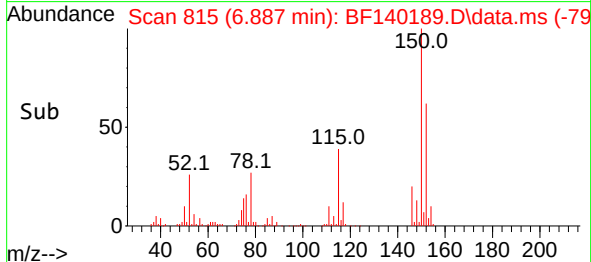
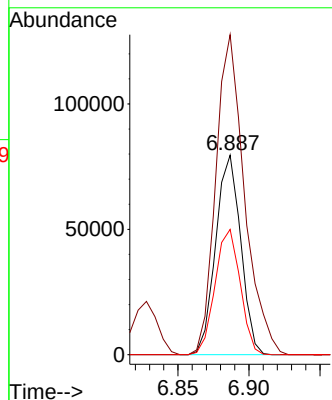
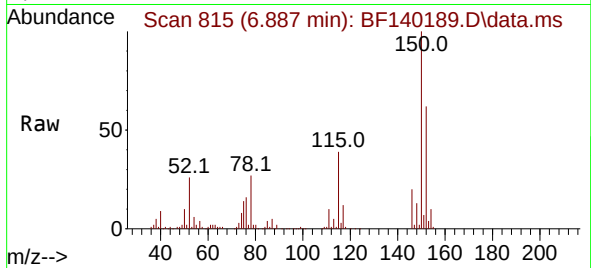




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

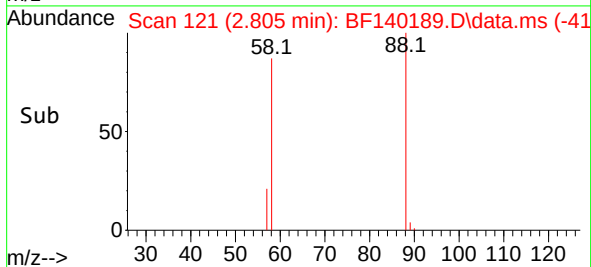
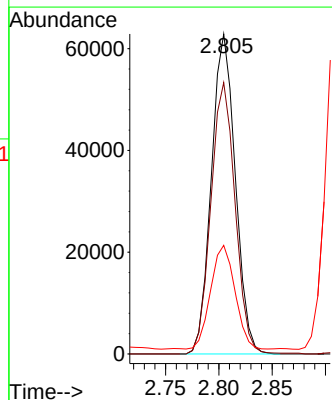
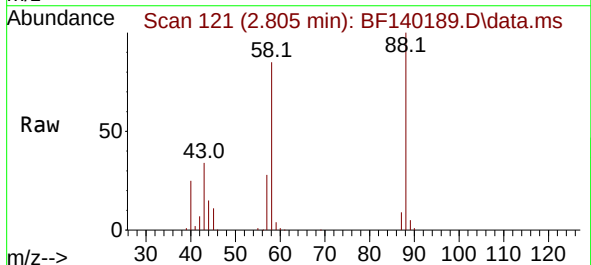
Instrument :
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TP-1MSD

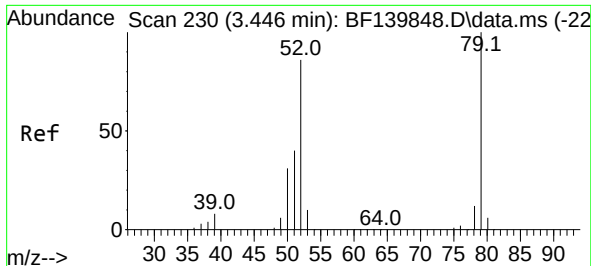
Tgt Ion:152 Resp: 97432
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.2
115 62.8 51.4 77.2



#2
1,4-Dioxane
Concen: 33.827 ng
RT: 2.805 min Scan# 121
Delta R.T. 0.118 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 88 Resp: 98160
Ion Ratio Lower Upper
88 100
58 86.0 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 34.627 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.083 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

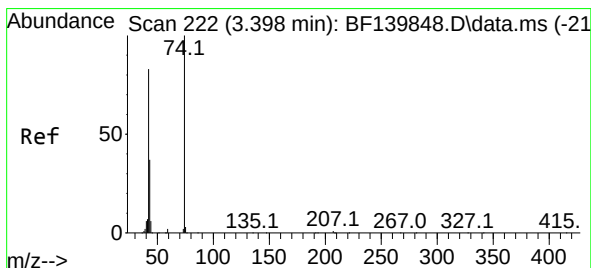
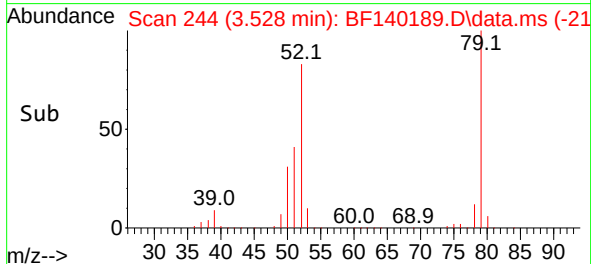
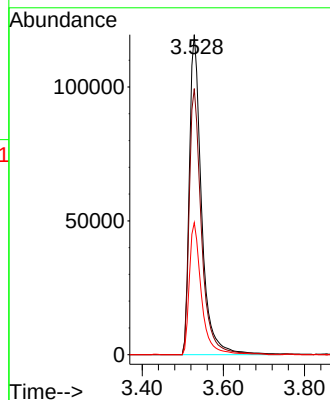
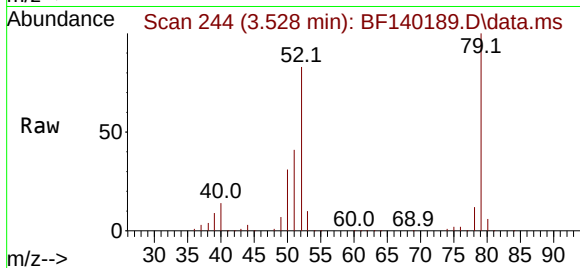
Tgt Ion: 79 Resp: 249063

Ion Ratio Lower Upper

79 100

52 83.1 68.5 102.7

51 41.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 42.087 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

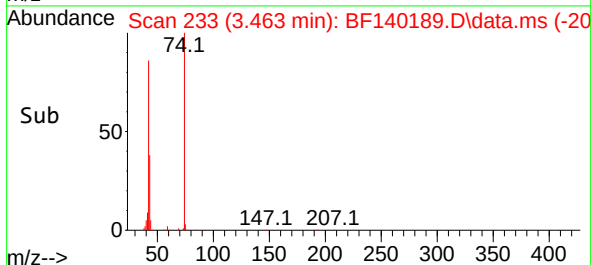
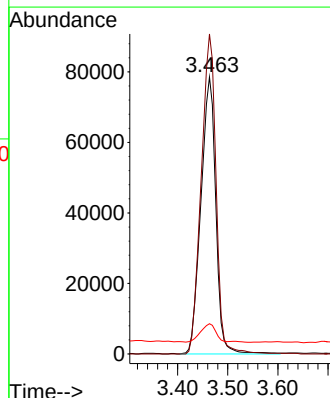
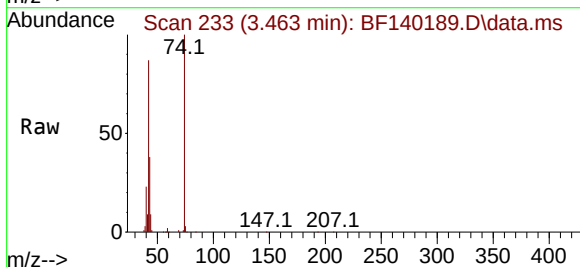
Tgt Ion: 42 Resp: 162645

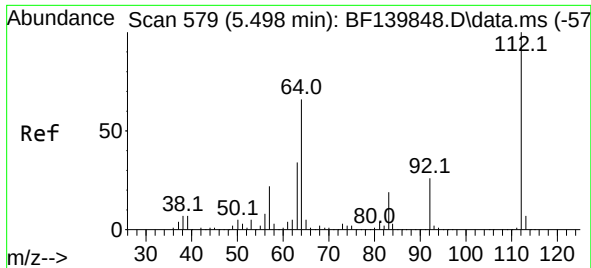
Ion Ratio Lower Upper

42 100

74 115.6 96.2 144.4

44 10.9 6.2 9.2#

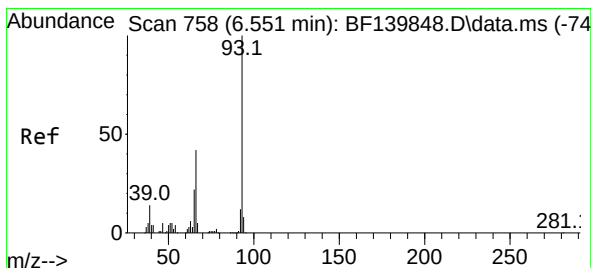
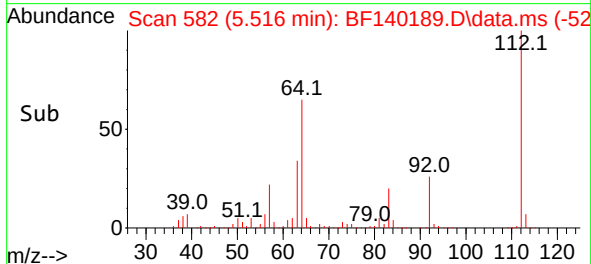
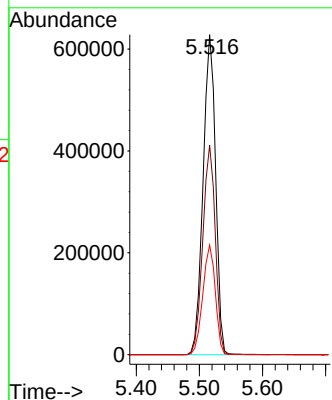
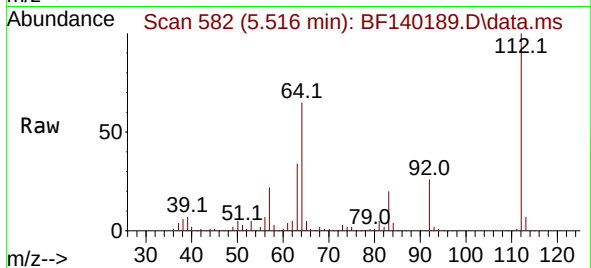




#5
2-Fluorophenol
Concen: 139.100 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

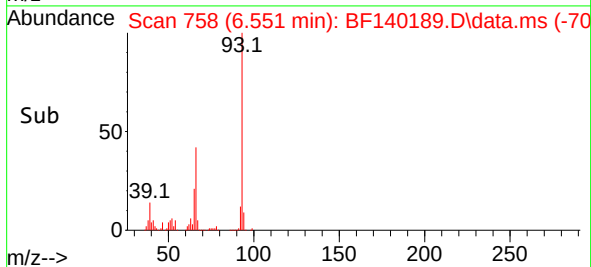
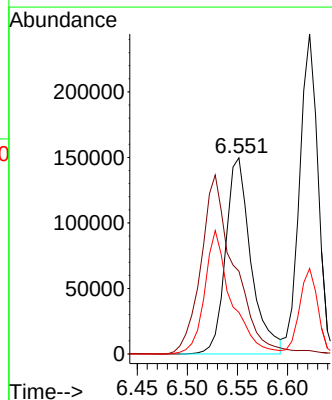
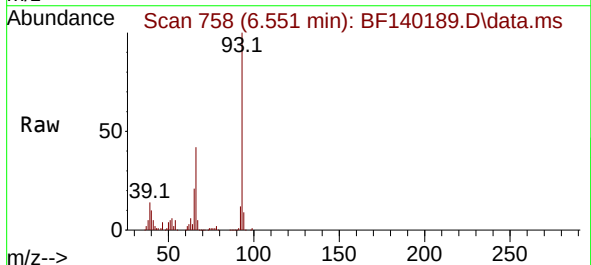
Instrument :
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ClientSampleId :
TP-1MSD

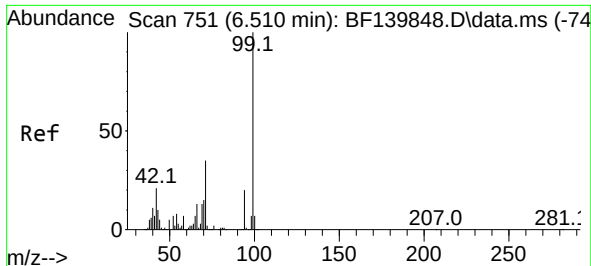
Tgt Ion:112 Resp: 865720
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.3 27.0 40.4



#6
Aniline
Concen: 35.113 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 93 Resp: 263788
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.2 17.4 26.0

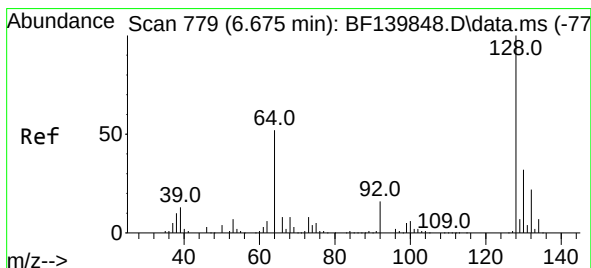
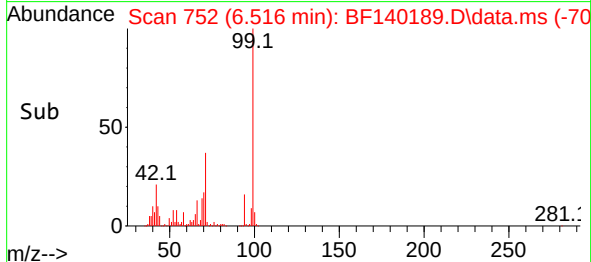
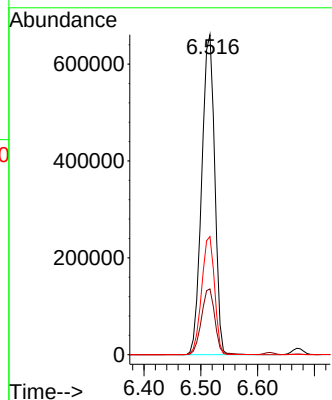
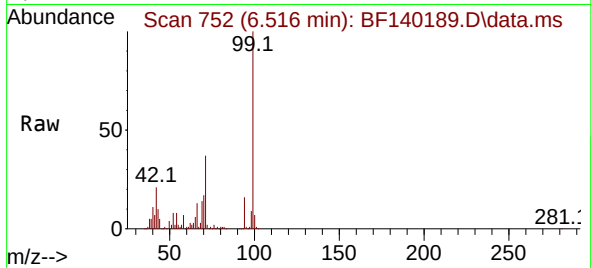




#7
Phenol-d6
Concen: 130.164 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

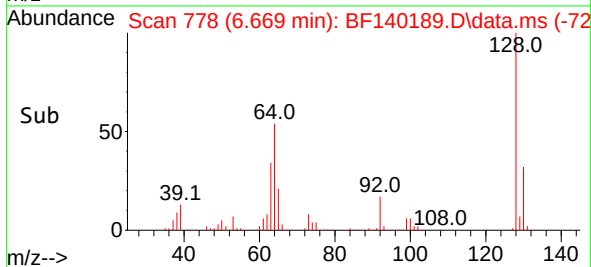
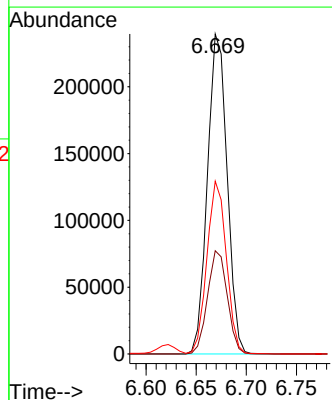
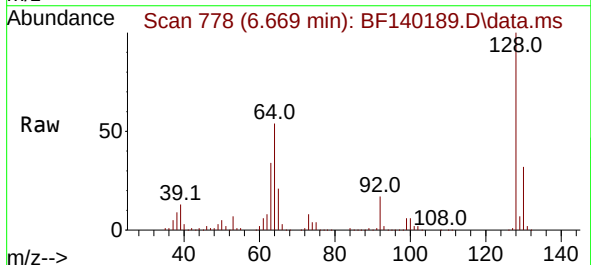
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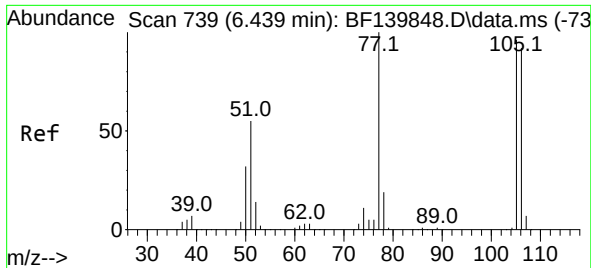
Tgt Ion: 99 Resp: 1049223
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 36.9 27.7 41.5



#8
2-Chlorophenol
Concen: 51.516 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:128 Resp: 327775
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 54.0 34.6 74.6

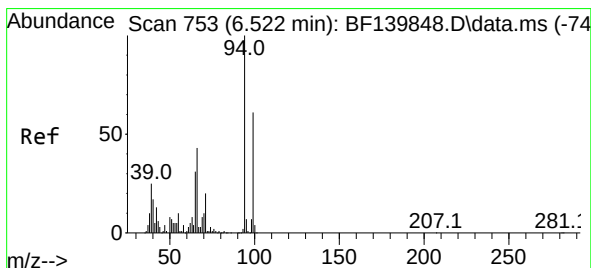
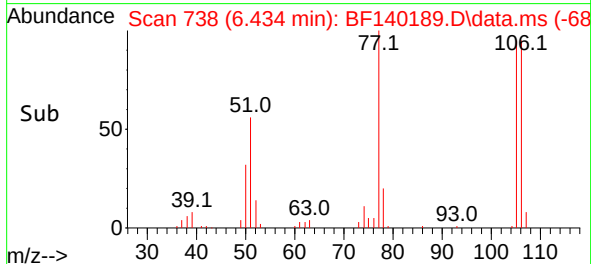
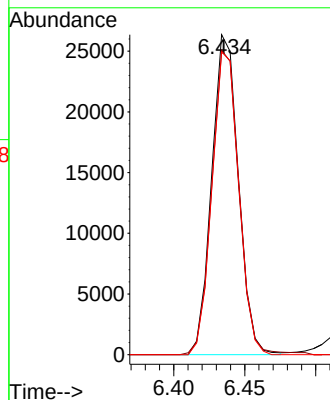
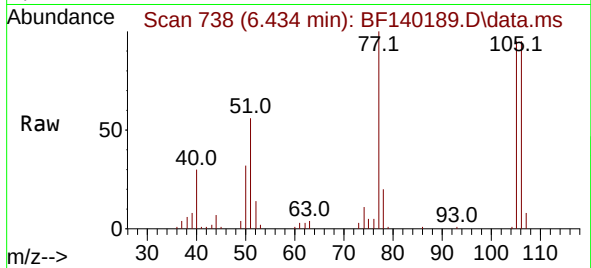




#9
Benzaldehyde
Concen: 7.591 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

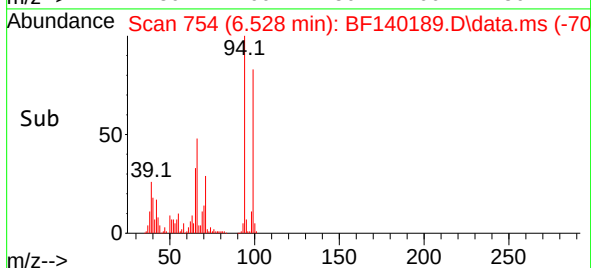
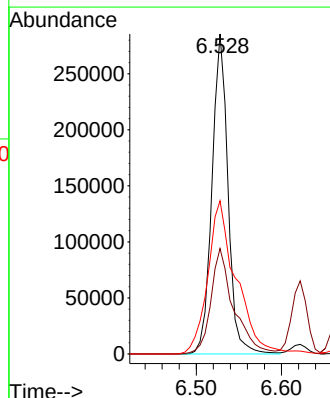
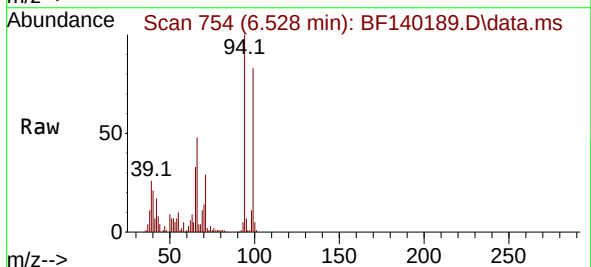
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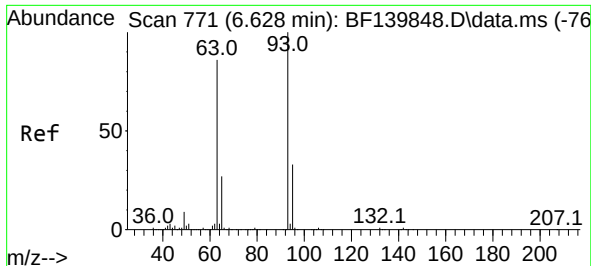
Tgt Ion: 77 Resp: 34422
Ion Ratio Lower Upper
77 100
105 95.2 75.5 115.5
106 94.6 71.7 111.7



#10
Phenol
Concen: 44.983 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 94 Resp: 373820
Ion Ratio Lower Upper
94 100
65 33.0 11.1 51.1
66 47.9 22.7 62.7

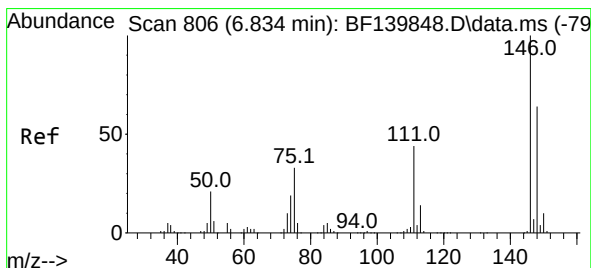
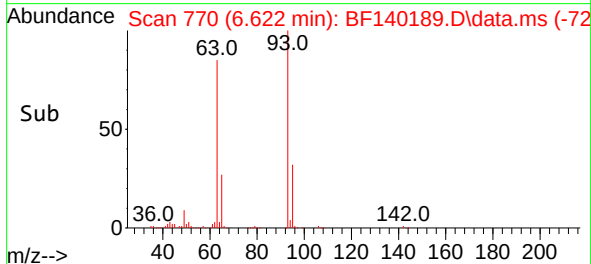
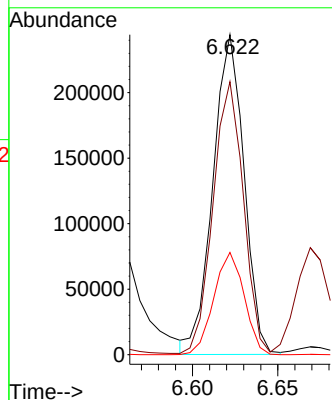
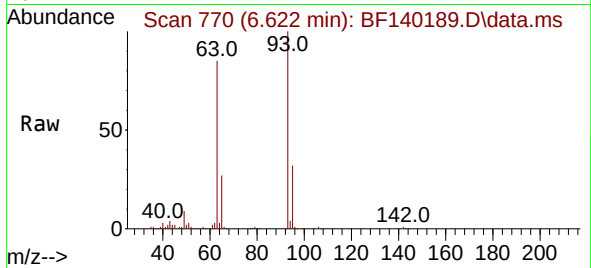




#11
bis(2-Chloroethyl)ether
Concen: 48.173 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

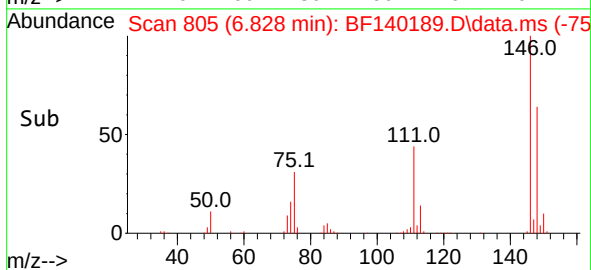
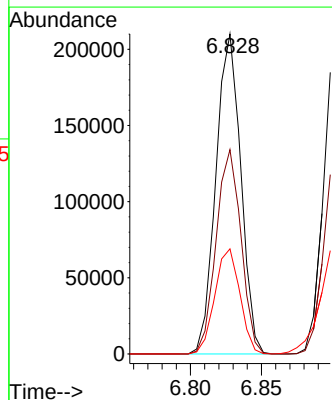
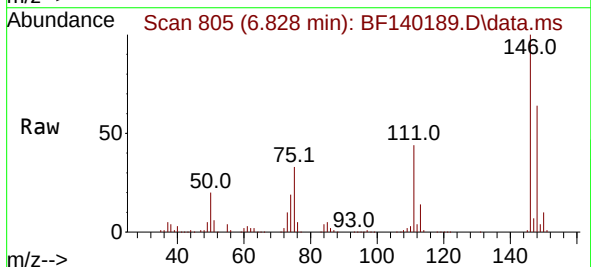
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

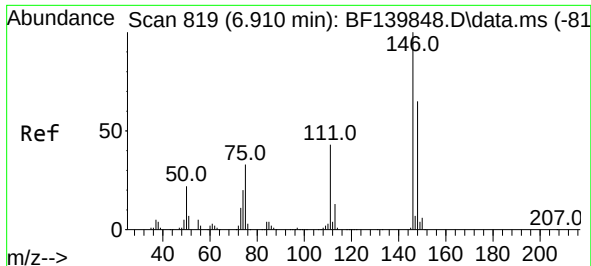
Tgt Ion: 93 Resp: 309423
Ion Ratio Lower Upper
93 100
63 85.3 65.0 105.0
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.094 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 146 Resp: 256315
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 32.8 26.4 39.6

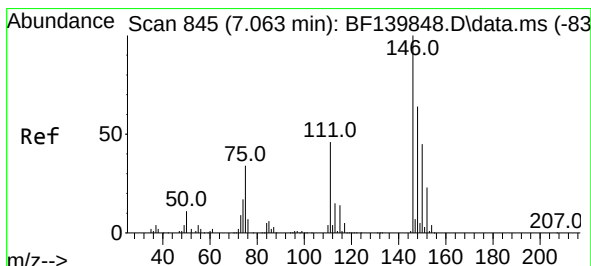
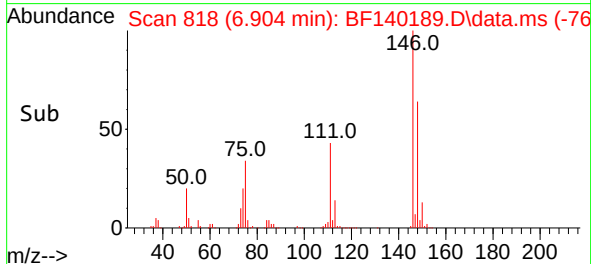
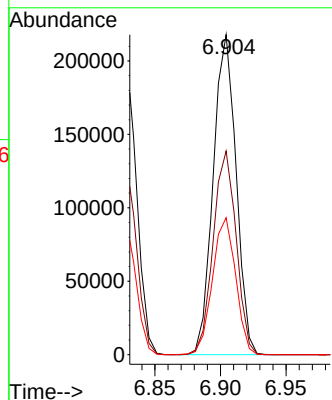
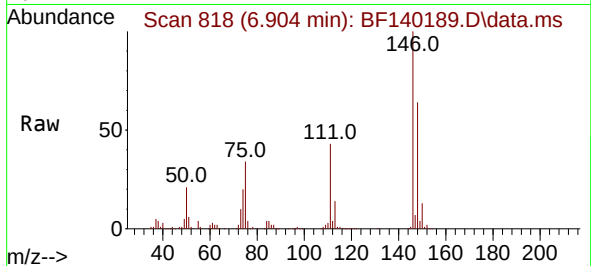




#13
1,4-Dichlorobenzene
Concen: 36.241 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

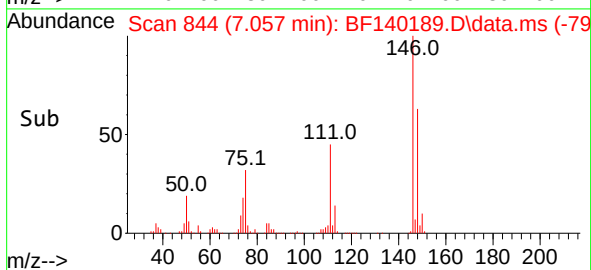
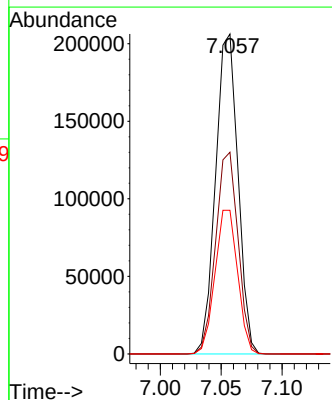
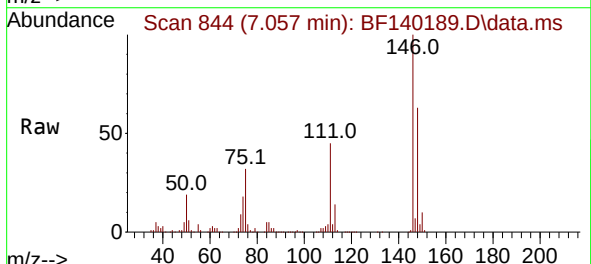
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

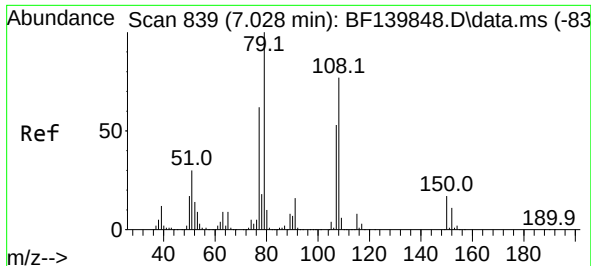
Tgt Ion:146 Resp: 264444
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 42.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 38.812 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:146 Resp: 264318
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 44.9 36.7 55.1

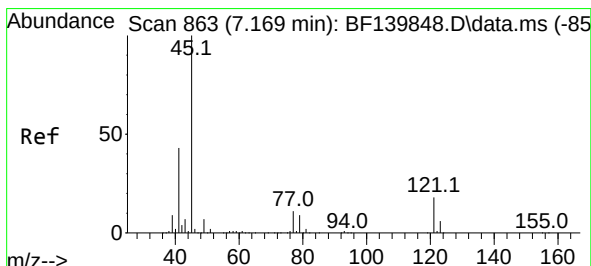
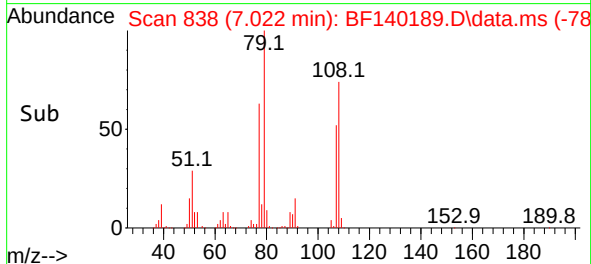
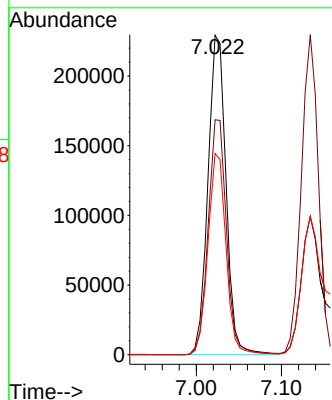
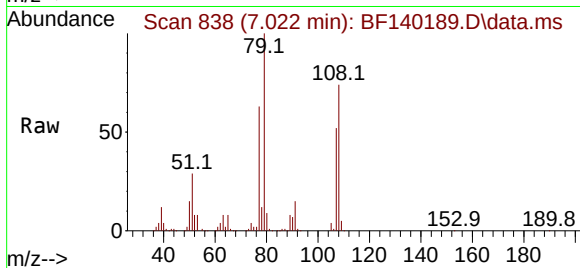




#15
Benzyl Alcohol
Concen: 57.332 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

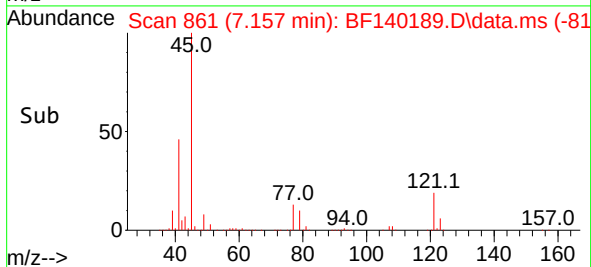
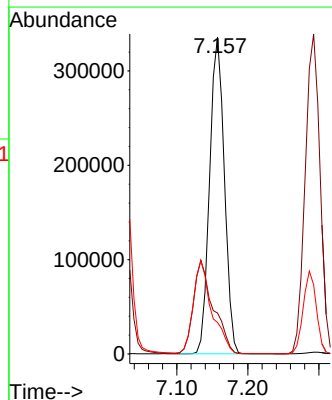
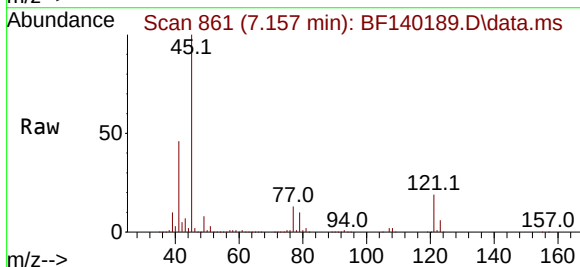
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

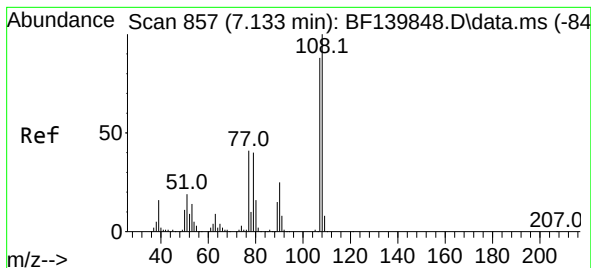
Tgt Ion: 79 Resp: 338999
Ion Ratio Lower Upper
79 100
108 73.5 61.4 92.0
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.233 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

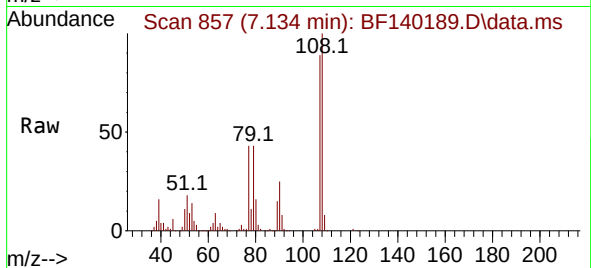
Tgt Ion: 45 Resp: 484464
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 10.0 0.0 29.1



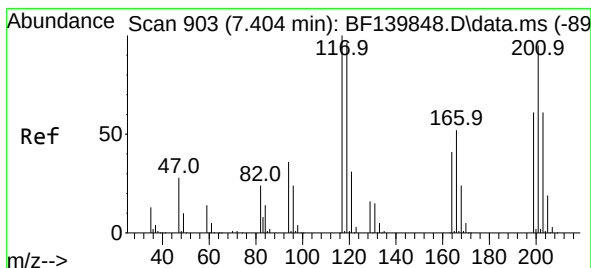
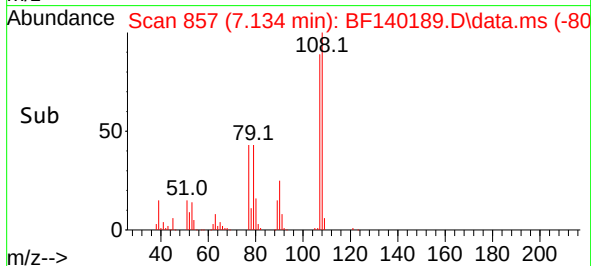
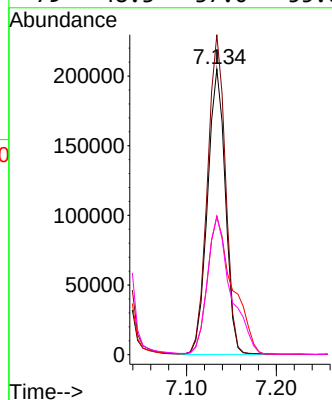


#17
2-Methylphenol
Concen: 52.268 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

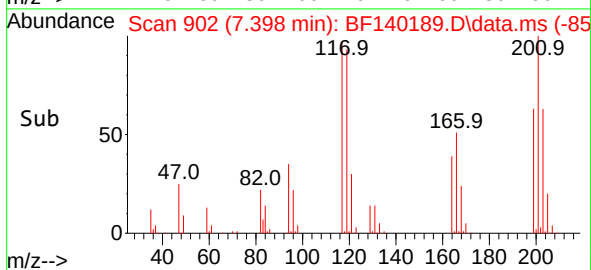
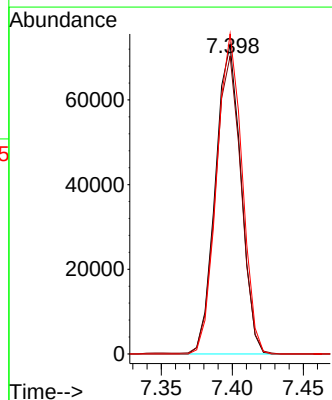
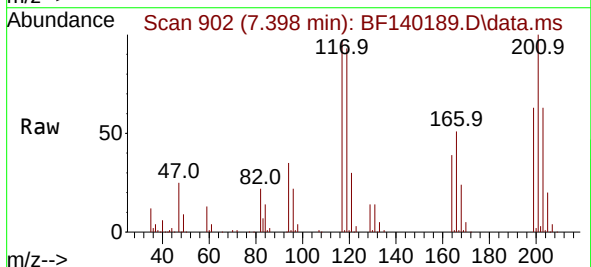


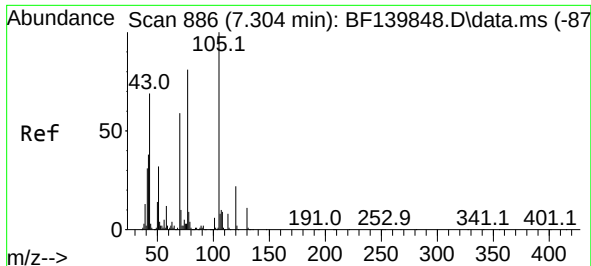
Tgt Ion:	107	Resp:	283574
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.3	136.9
77	48.4	37.1	55.7
79	48.3	37.0	55.6



#18
Hexachloroethane
Concen: 35.105 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:	117	Resp:	91346
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	103.4	76.2	114.4



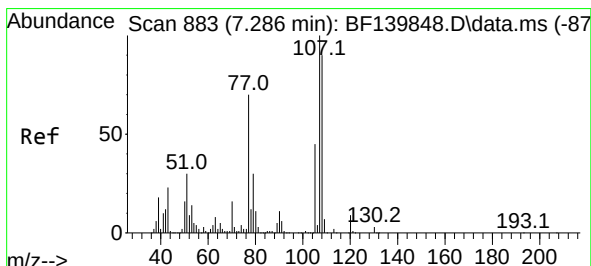
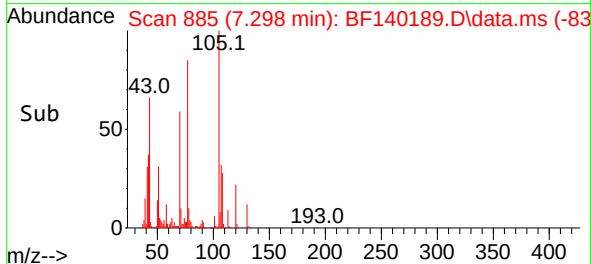
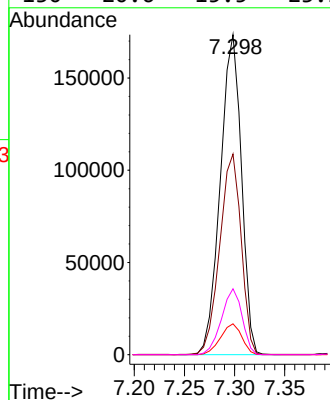
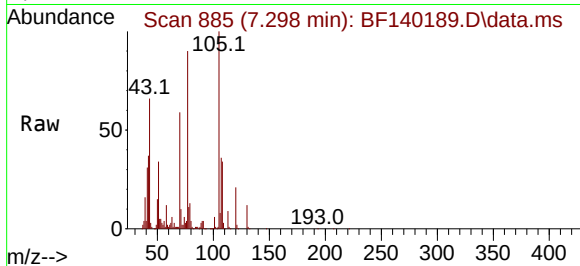


#19
 n-Nitroso-di-n-propylamine
 Concen: 51.854 ng
 RT: 7.298 min Scan# 885
 Delta R.T. -0.006 min
 Lab File: BF140189.D
 Acq: 31 Oct 2024 15:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion: 70 Resp: 253506

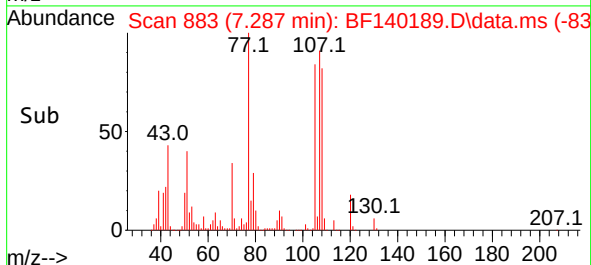
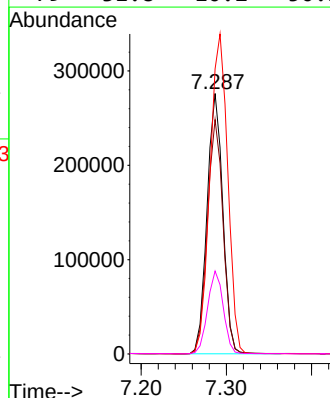
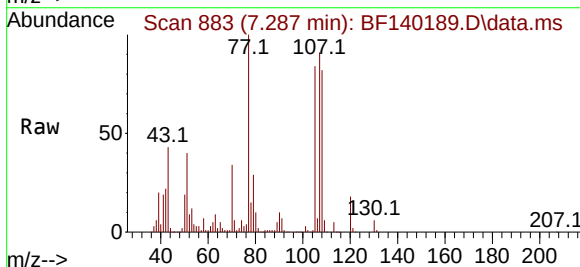
Ion	Ratio	Lower	Upper
70	100		
42	62.7	51.5	77.3
101	9.7	7.5	11.3
130	20.6	15.5	23.3

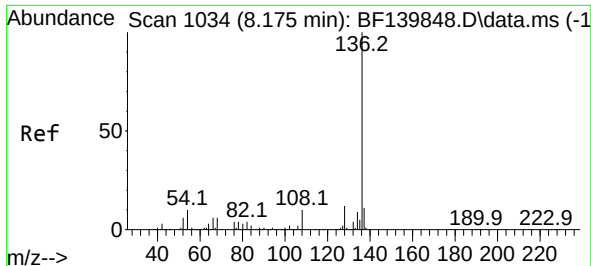


#20
 3+4-Methylphenols
 Concen: 51.071 ng
 RT: 7.287 min Scan# 883
 Delta R.T. 0.000 min
 Lab File: BF140189.D
 Acq: 31 Oct 2024 15:14

Tgt Ion: 107 Resp: 354404

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	109.4	50.5	90.5#
79	31.8	10.2	50.2

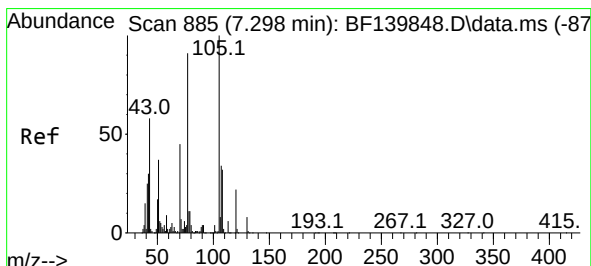
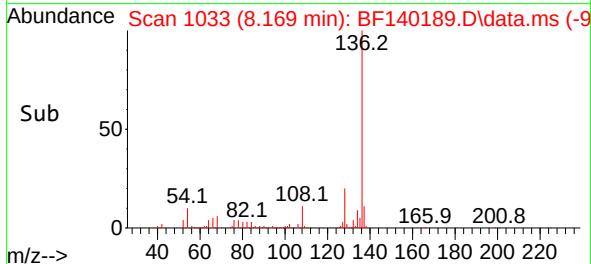
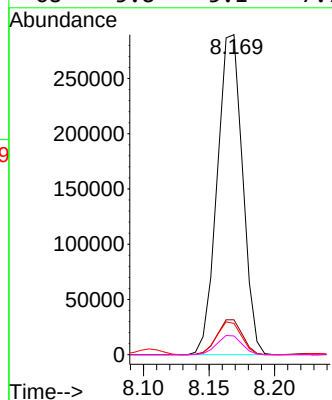
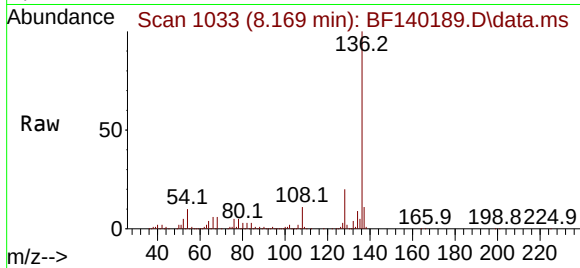




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

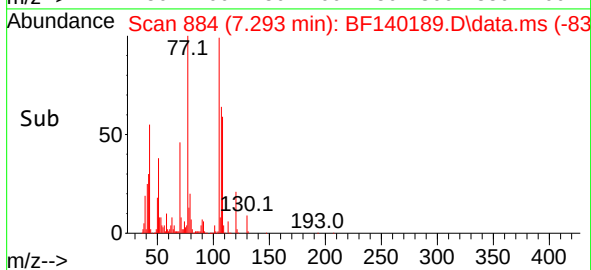
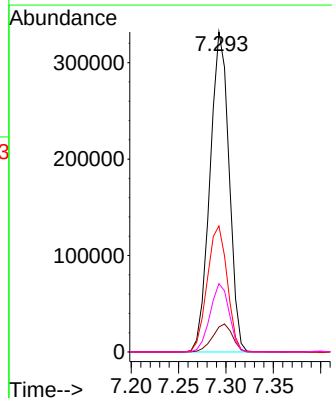
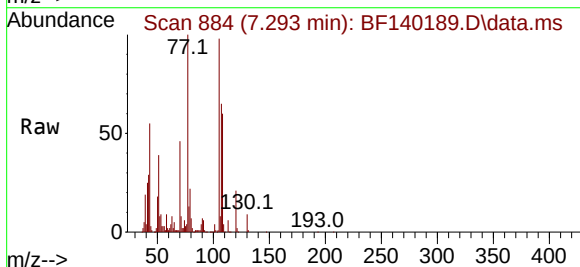
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

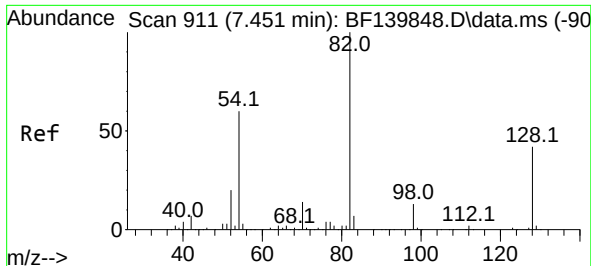
Tgt Ion:136 Resp: 389245
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 5.8 5.1 7.7



#22
Acetophenone
Concen: 48.760 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:105 Resp: 464868
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 39.4 29.4 44.2
120 21.3 17.5 26.3

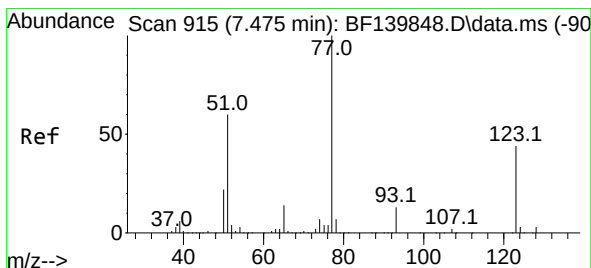
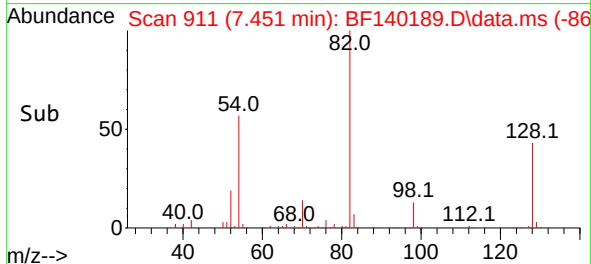
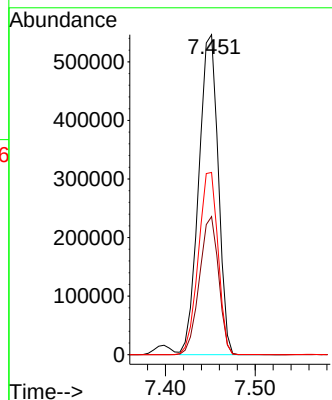
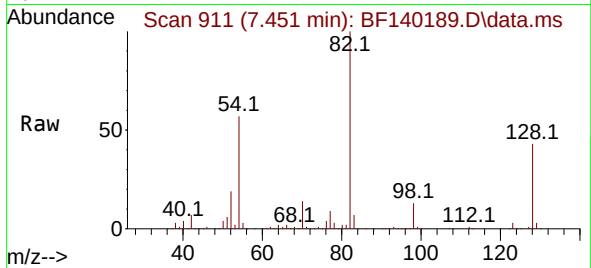




#23
Nitrobenzene-d5
Concen: 117.131 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

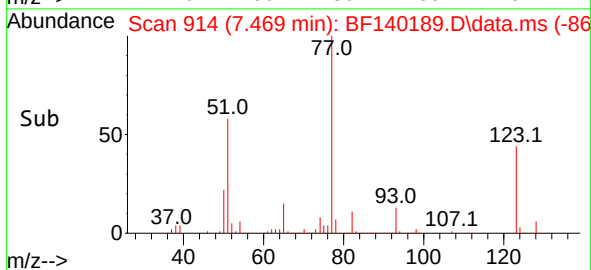
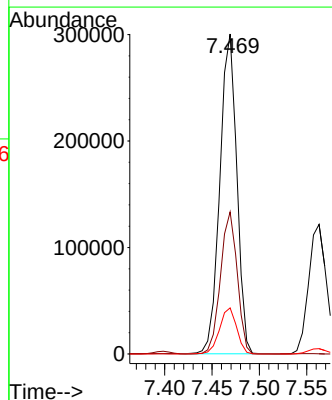
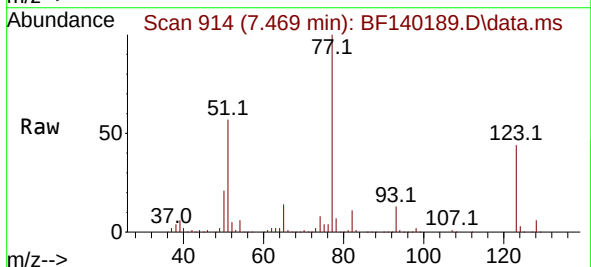
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

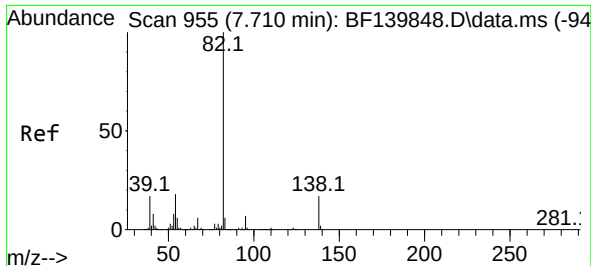
Tgt Ion: 82 Resp: 822622
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 56.9 47.8 71.8



#24
Nitrobenzene
Concen: 48.574 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 77 Resp: 374021
Ion Ratio Lower Upper
77 100
123 44.4 35.7 53.5
65 14.4 11.5 17.3

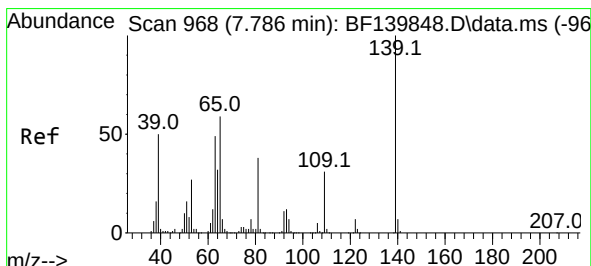
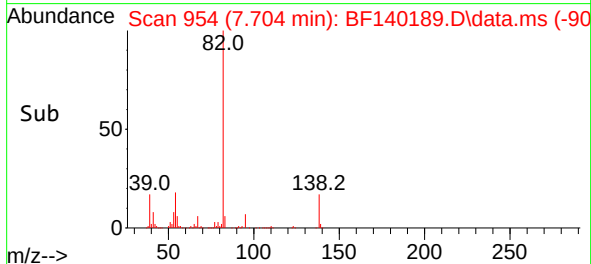
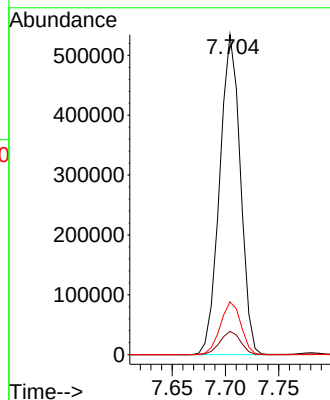
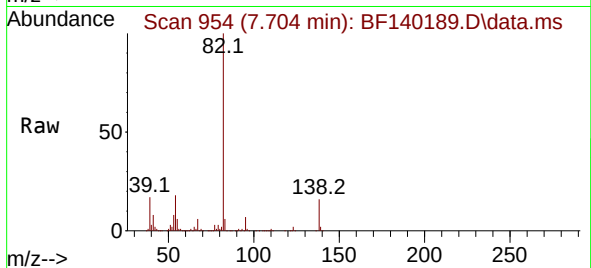




#25
Isophorone
Concen: 54.053 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

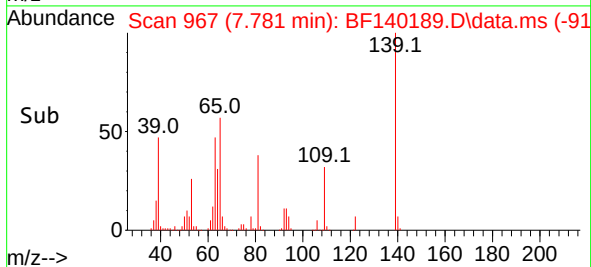
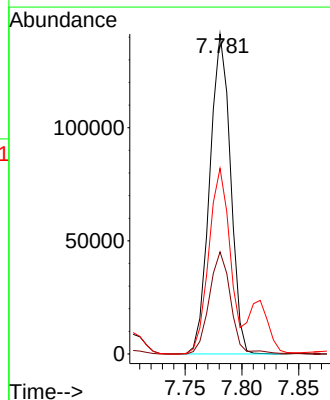
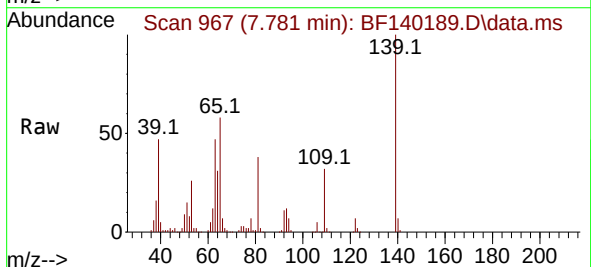
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

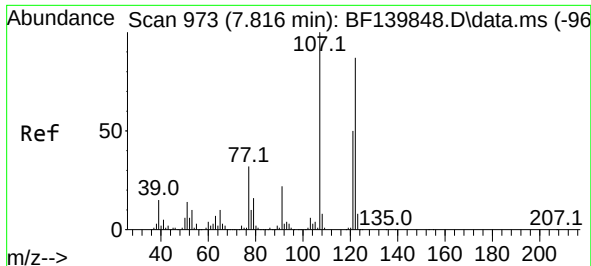
Tgt Ion: 82 Resp: 720513
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.5 13.2 19.8



#26
2-Nitrophenol
Concen: 61.765 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:139 Resp: 179419
Ion Ratio Lower Upper
139 100
109 31.9 25.1 37.7
65 58.0 47.5 71.3

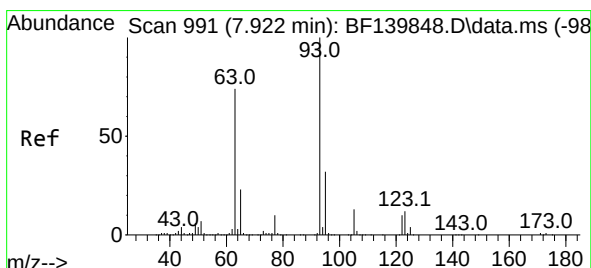
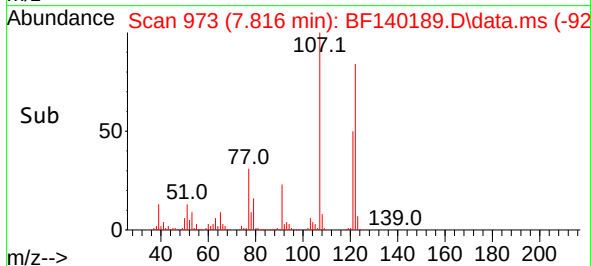
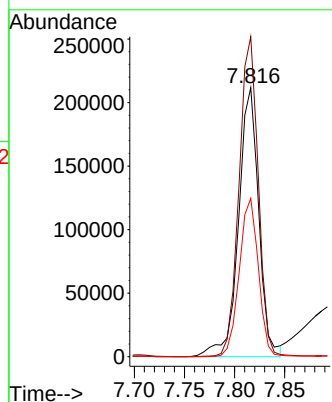
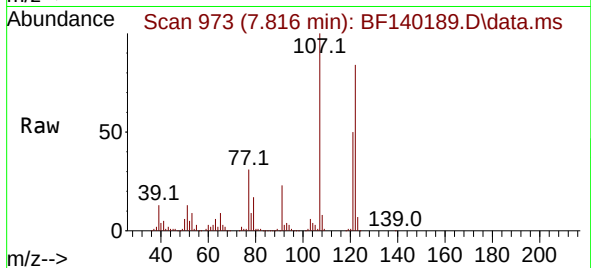




#27
2,4-Dimethylphenol
Concen: 61.468 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

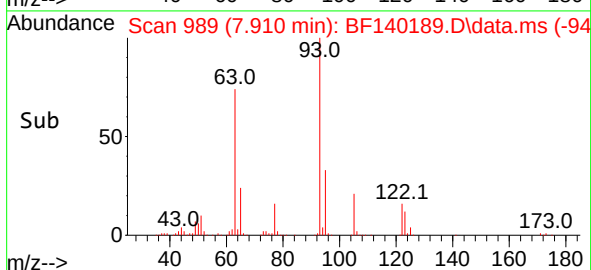
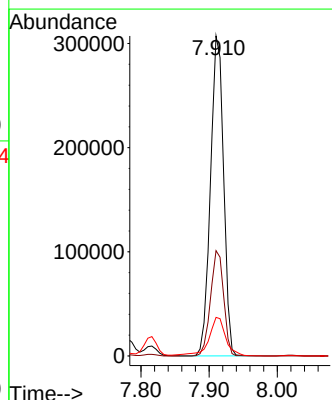
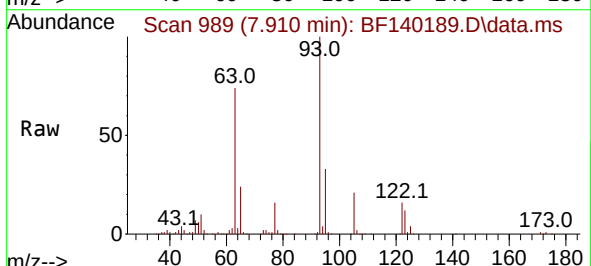
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

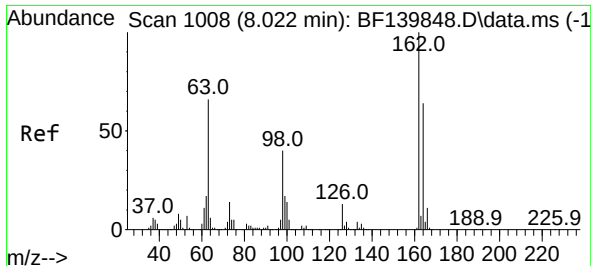
Tgt Ion:122 Resp: 297736
Ion Ratio Lower Upper
122 100
107 119.0 91.9 137.9
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.993 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 93 Resp: 411827
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 54.750 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

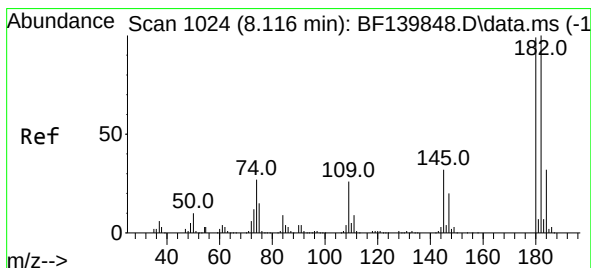
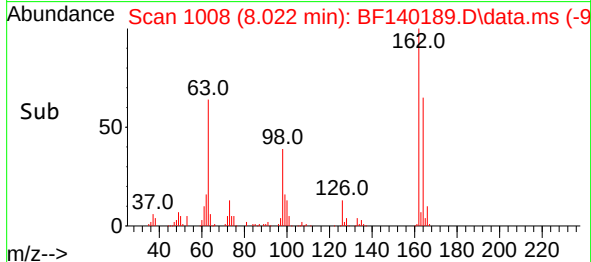
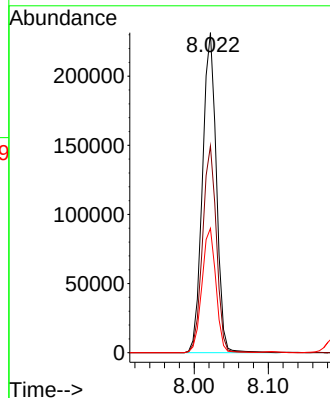
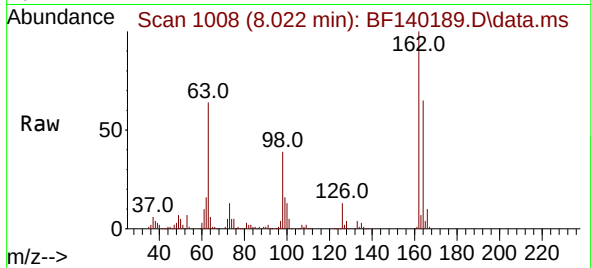
Tgt Ion:162 Resp: 302062

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 38.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.302 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

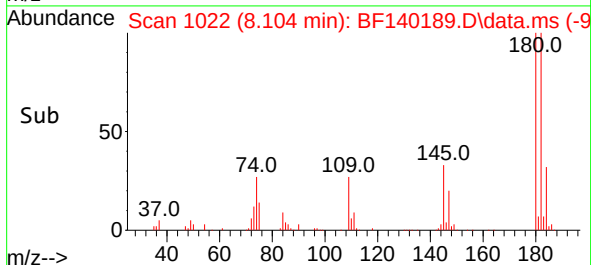
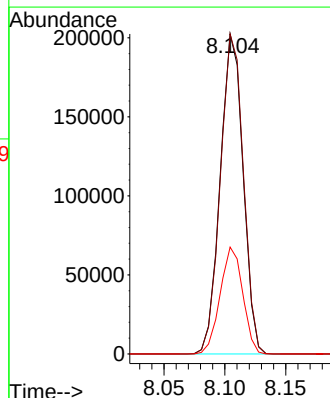
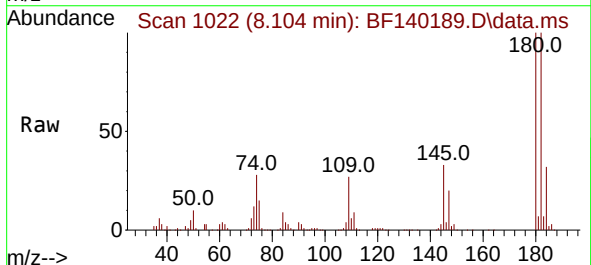
Tgt Ion:180 Resp: 264351

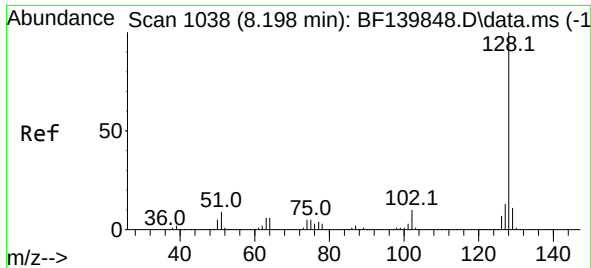
Ion Ratio Lower Upper

180 100

182 100.0 80.5 120.7

145 33.4 25.4 38.0

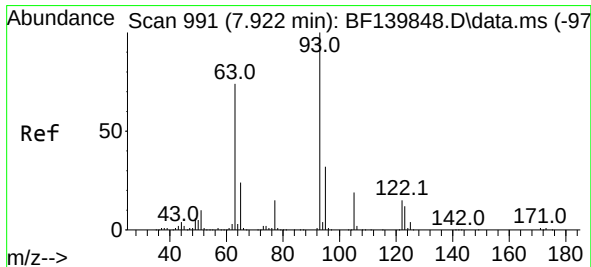
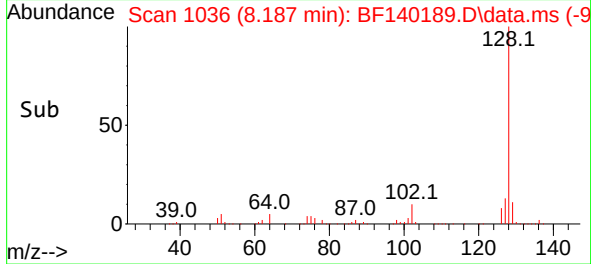
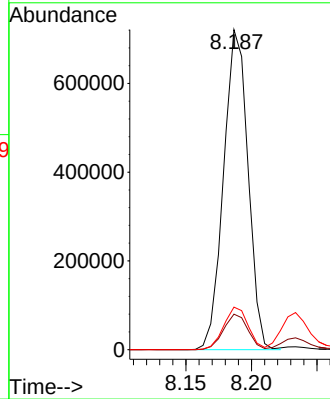
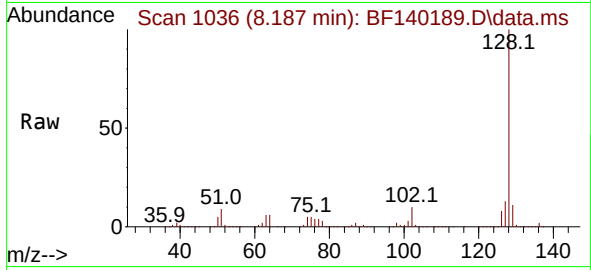




#31
Naphthalene
Concen: 46.551 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

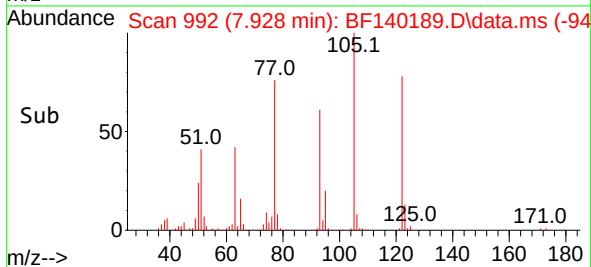
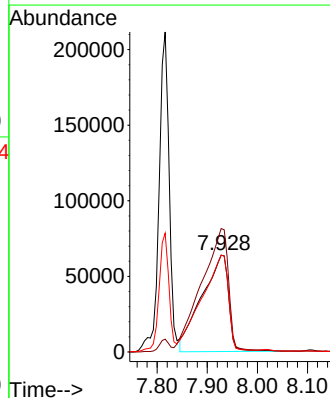
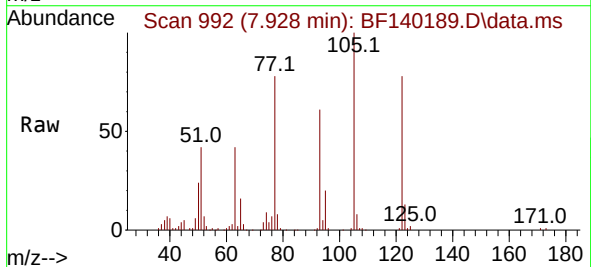
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

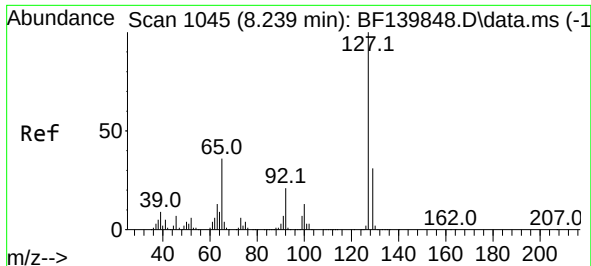
Tgt Ion:128 Resp: 934508
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 56.282 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:122 Resp: 237775
Ion Ratio Lower Upper
122 100
105 127.4 107.6 147.6
77 100.0 80.2 120.2

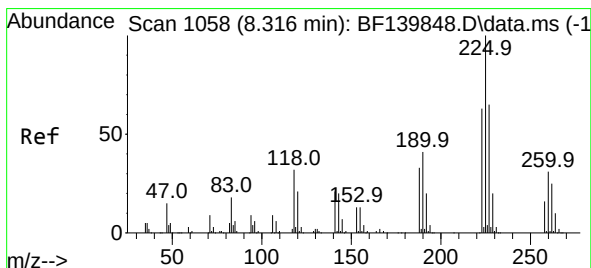
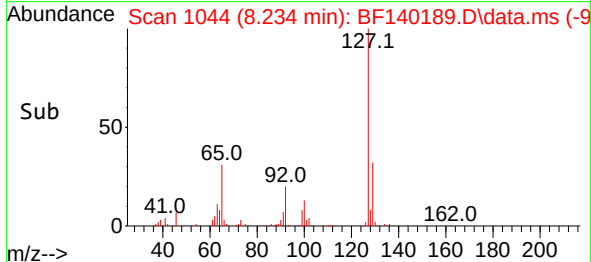
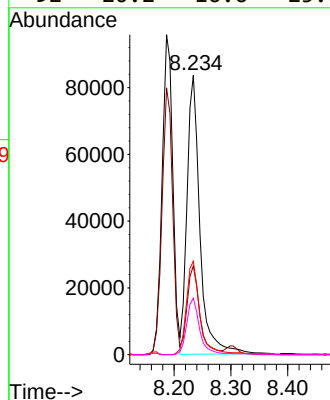
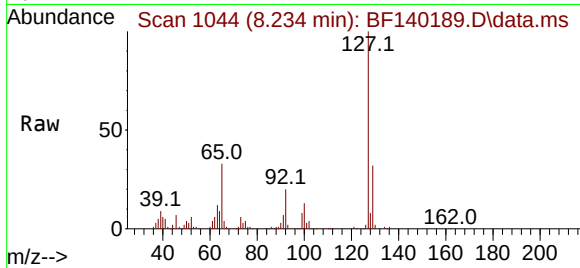




#33
4-Chloroaniline
Concen: 19.273 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

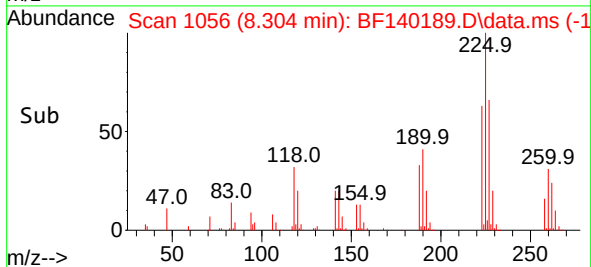
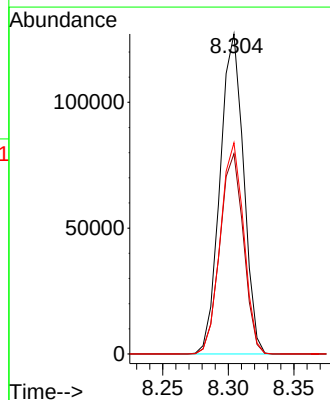
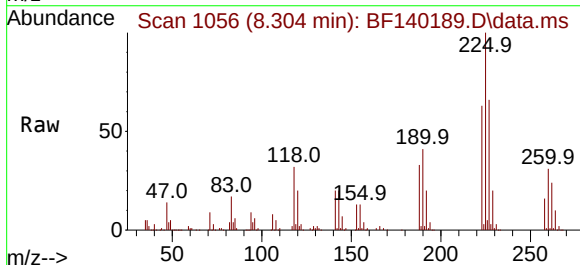
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

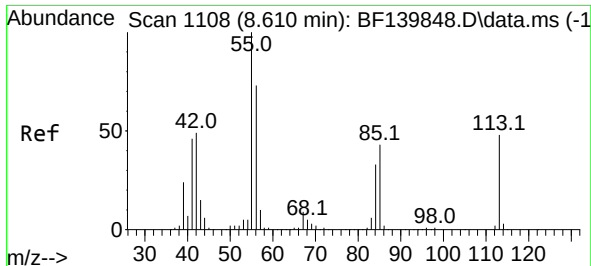
Tgt Ion:	127	Resp:	131928
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	33.4	28.4	42.6
92	20.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.313 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:	225	Resp:	158464
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	66.0	51.8	77.8

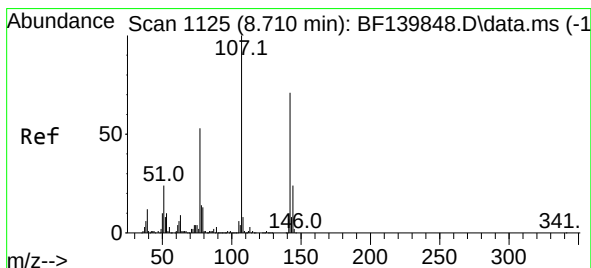
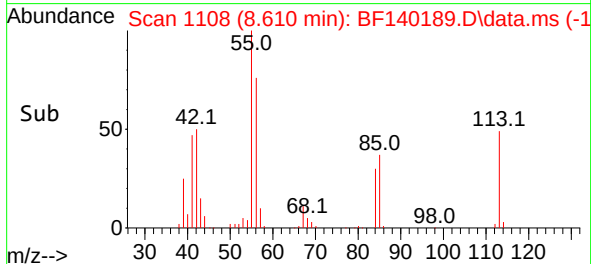
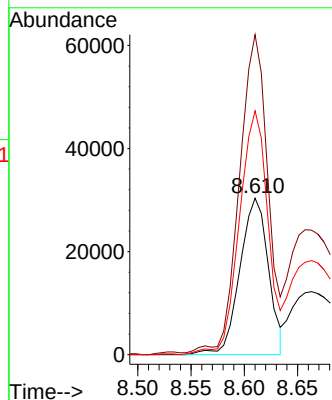
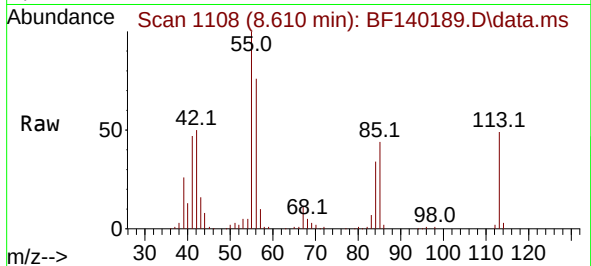




#35
Caprolactam
Concen: 32.205 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

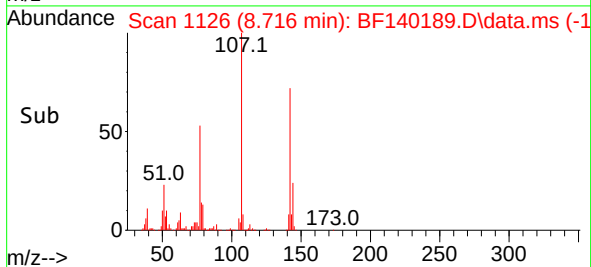
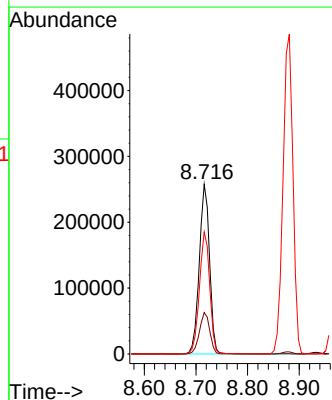
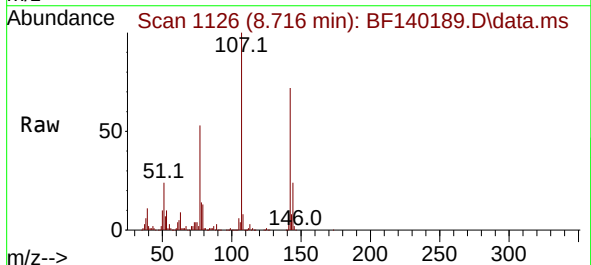
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

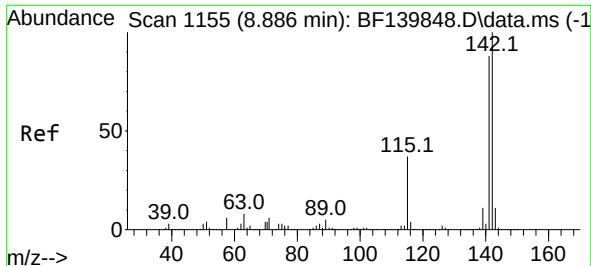
Tgt Ion:113 Resp: 56497
Ion Ratio Lower Upper
113 100
55 204.5 189.2 229.2
56 155.8 132.5 172.5



#36
4-Chloro-3-methylphenol
Concen: 58.396 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:107 Resp: 356745
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 71.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 52.647 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

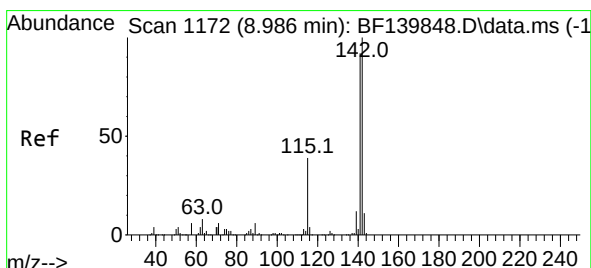
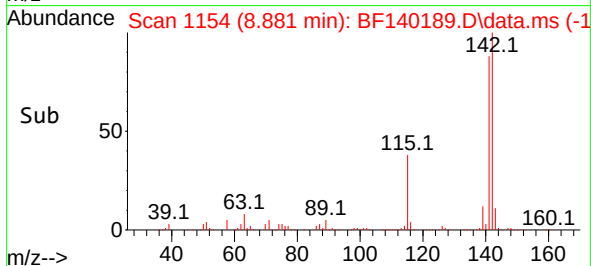
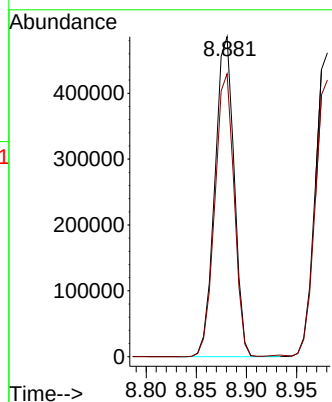
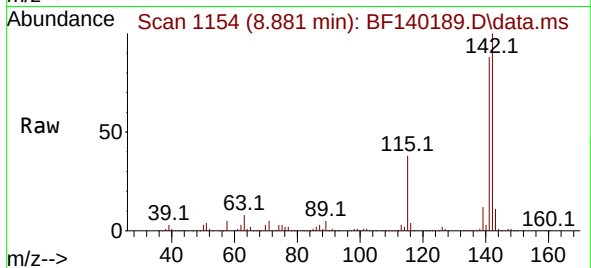
TP-1MSD

Tgt Ion:142 Resp: 647278

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 50.661 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140189.D

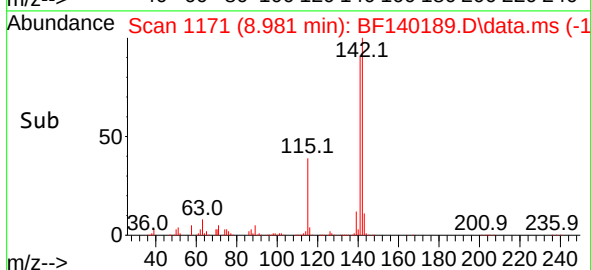
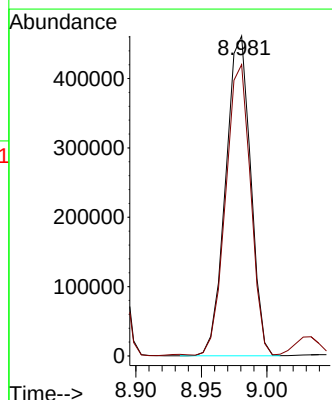
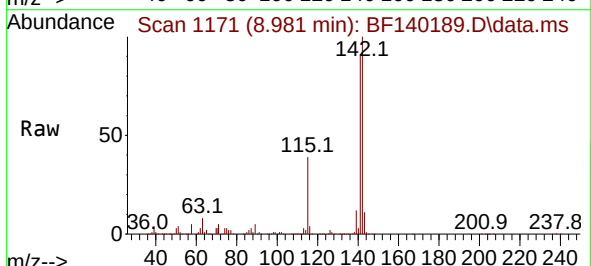
Acq: 31 Oct 2024 15:14

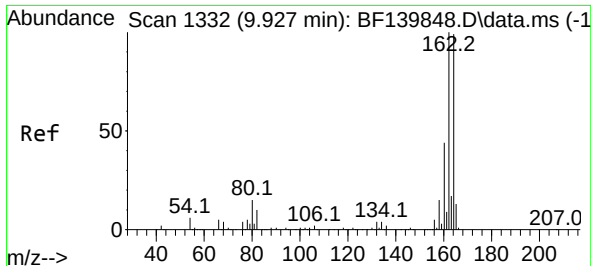
Tgt Ion:142 Resp: 611102

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

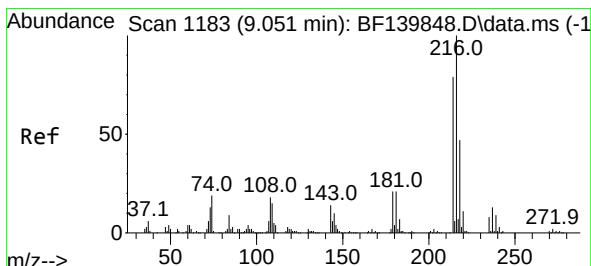
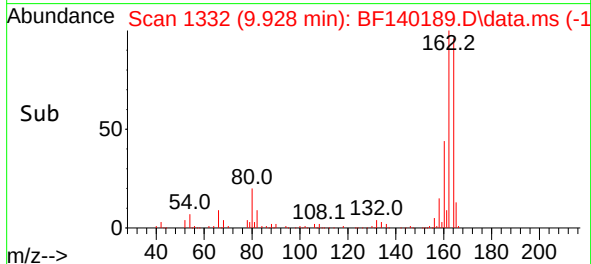
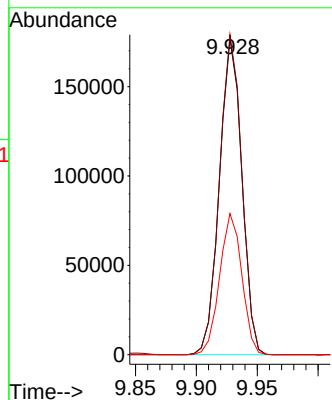
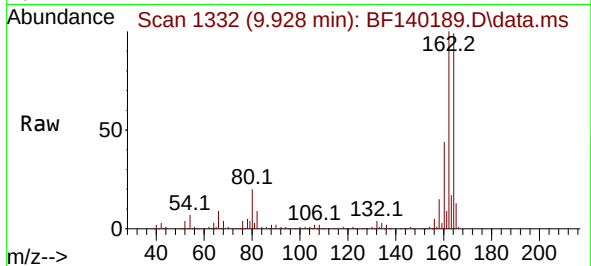




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

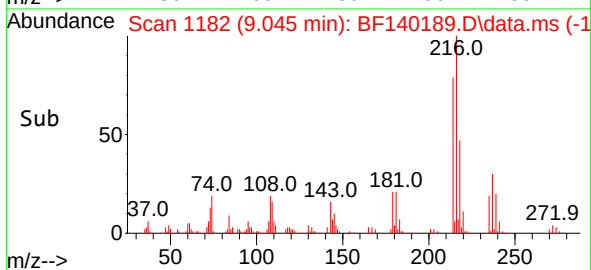
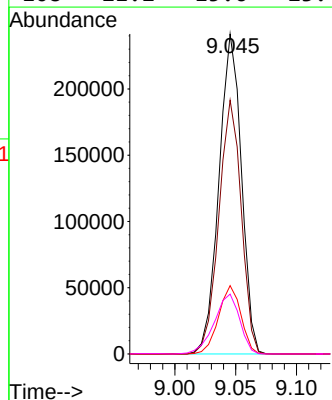
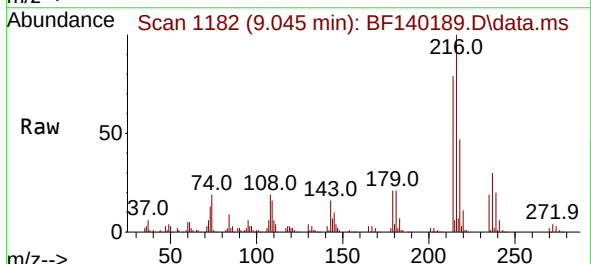
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

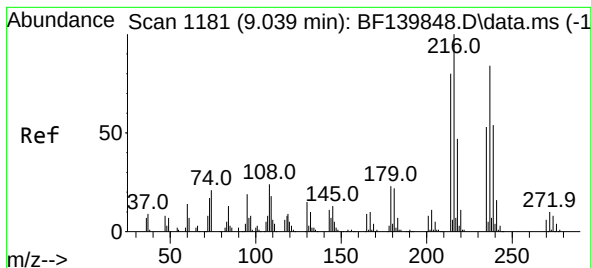
Tgt Ion:164 Resp: 226688
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.688 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:216 Resp: 309990
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 21.2 17.2 25.8
108 21.2 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 154.407 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

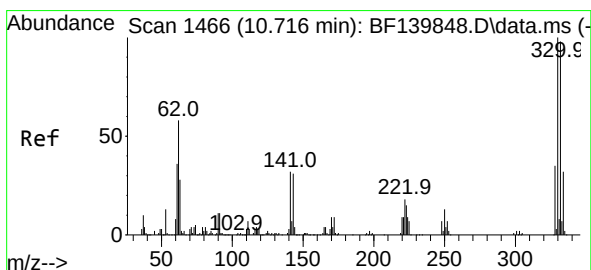
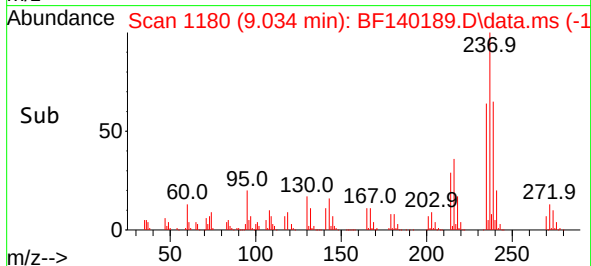
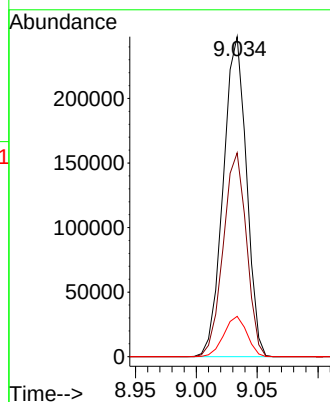
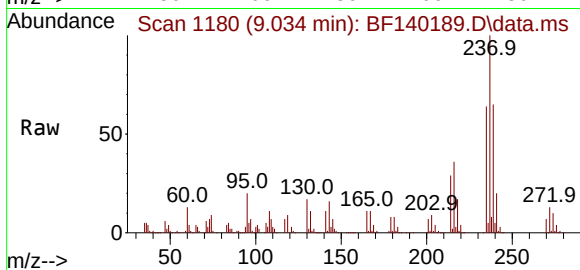
Tgt Ion:237 Resp: 328573

Ion Ratio Lower Upper

237 100

235 63.7 42.9 82.9

272 12.6 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 177.153 ng

RT: 10.728 min Scan# 1468

Delta R.T. 0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

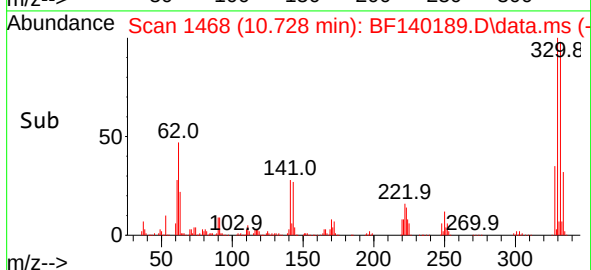
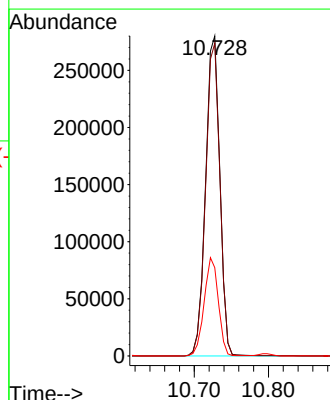
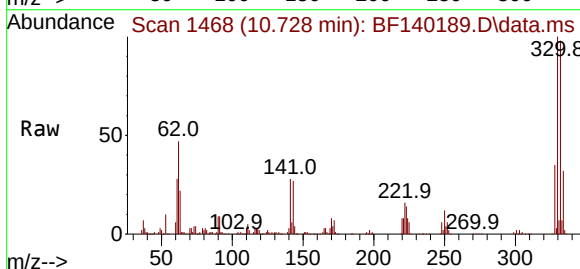
Tgt Ion:330 Resp: 375630

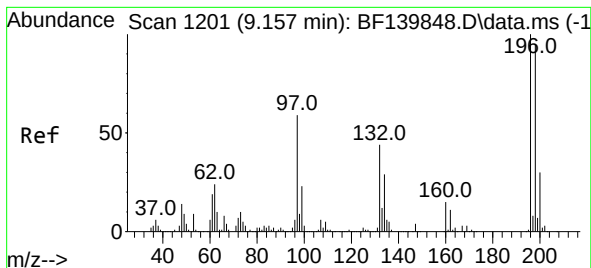
Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

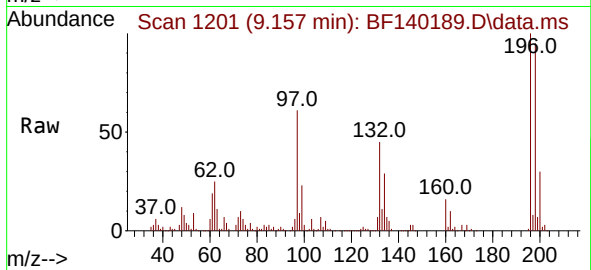
141 30.6 26.6 39.8



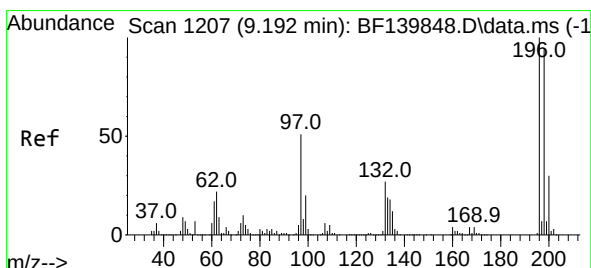
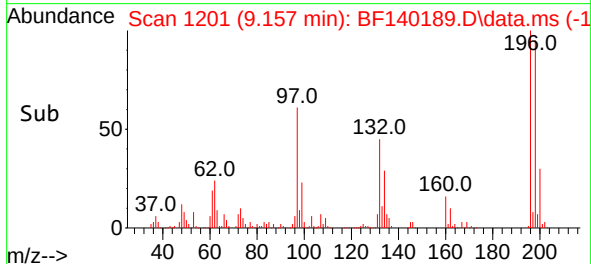
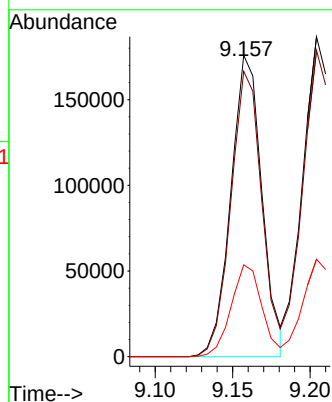


#43
2,4,6-Trichlorophenol
Concen: 56.588 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

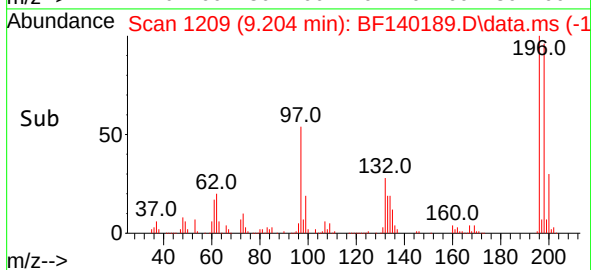
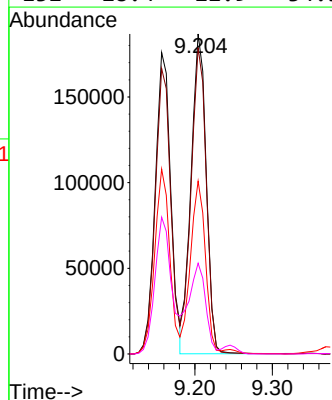
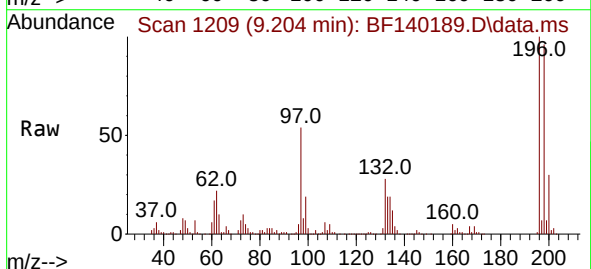


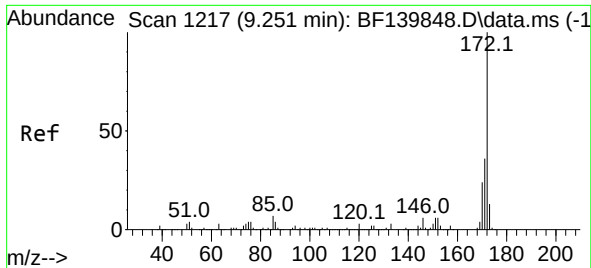
Tgt Ion:196 Resp: 245015
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 56.871 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:196 Resp: 254053
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.6
97 54.0 41.8 62.6
132 28.4 22.9 34.3

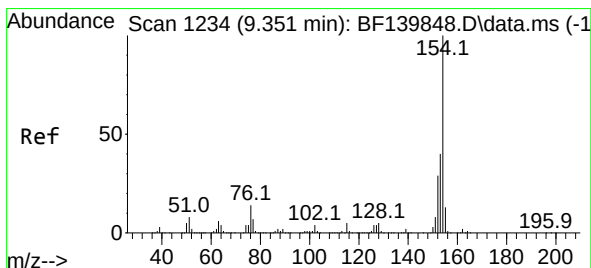
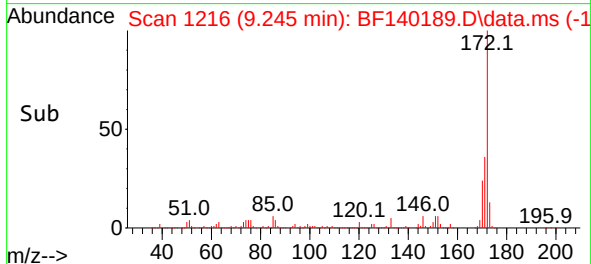
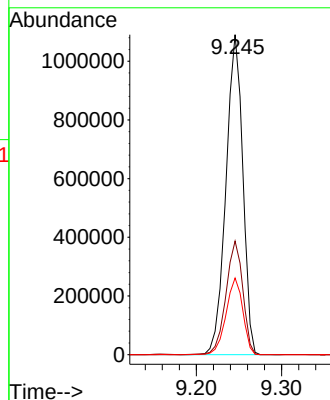
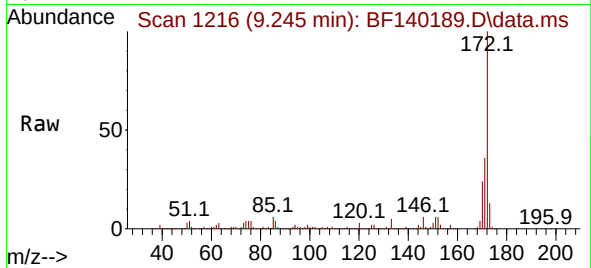




#45
2-Fluorobiphenyl
Concen: 109.080 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

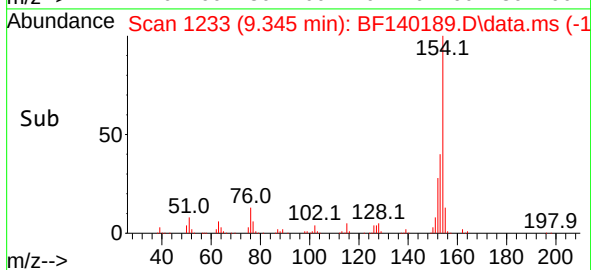
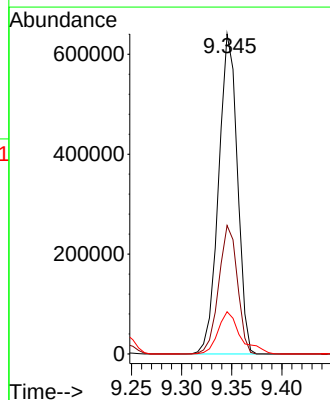
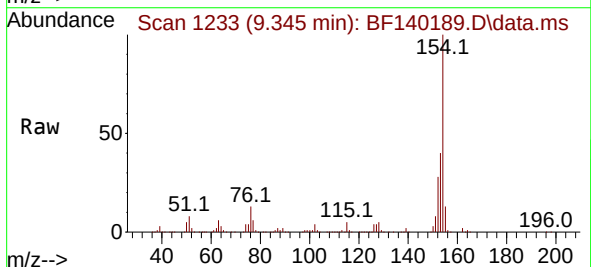
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

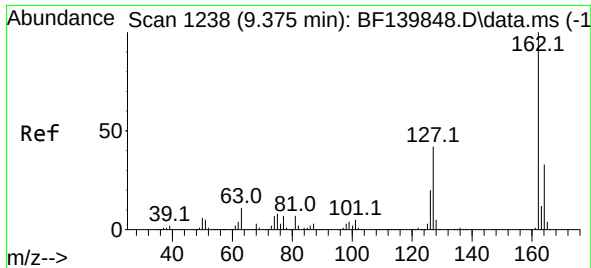
Tgt Ion:172 Resp: 1496173
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 52.834 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:154 Resp: 833767
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.2 0.0 33.9

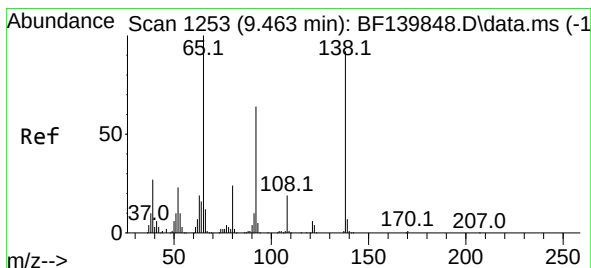
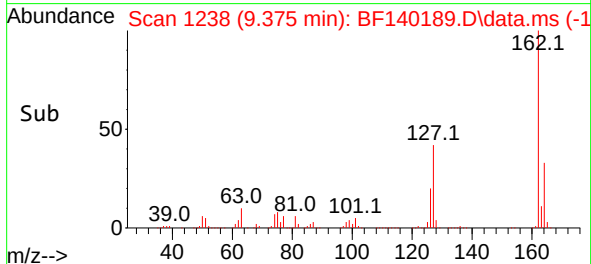
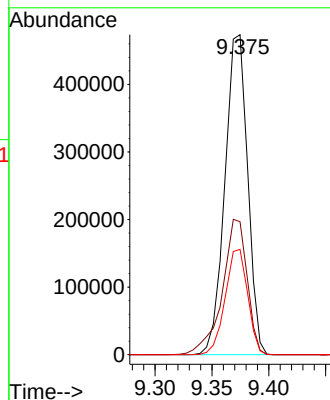
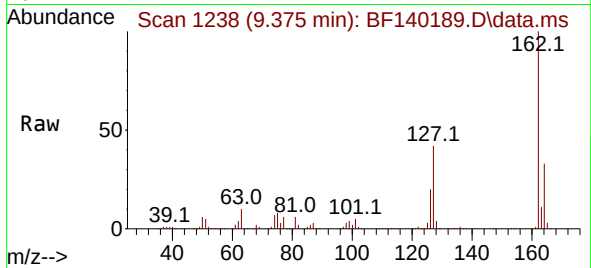




#47
2-Chloronaphthalene
Concen: 51.908 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

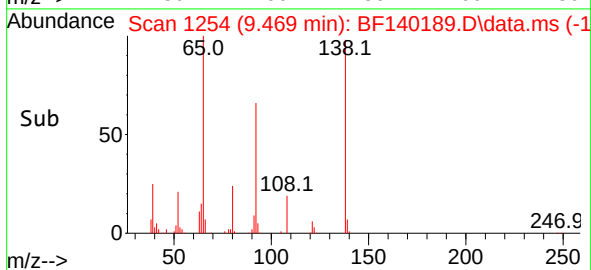
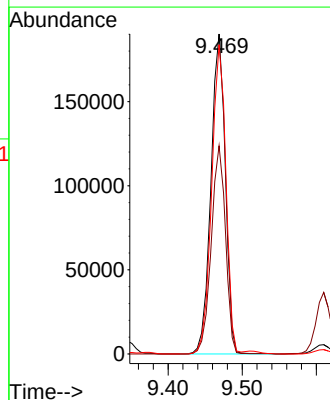
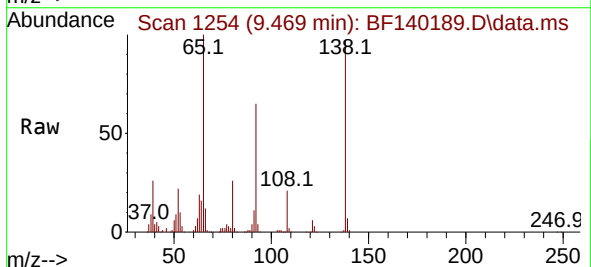
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

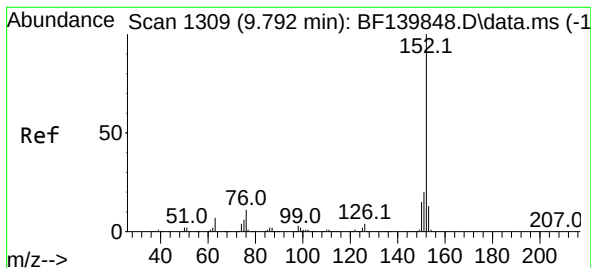
Tgt Ion:162 Resp: 659748
Ion Ratio Lower Upper
162 100
127 41.6 33.8 50.6
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 65.900 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion: 65 Resp: 256172
Ion Ratio Lower Upper
65 100
92 65.0 50.9 76.3
138 96.6 73.4 110.0





#49

Acenaphthylene

Concen: 58.231 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

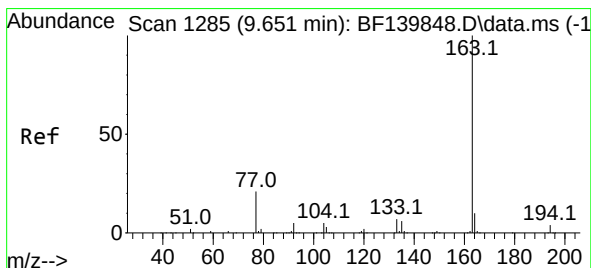
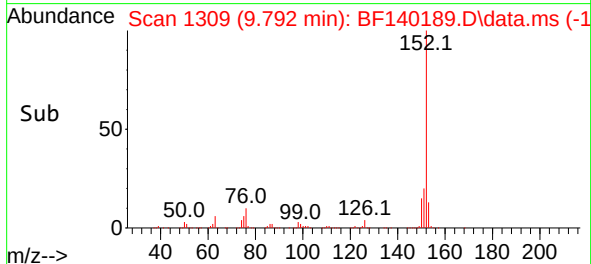
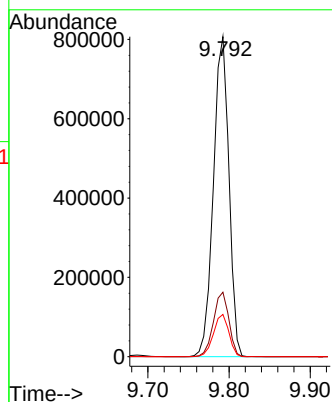
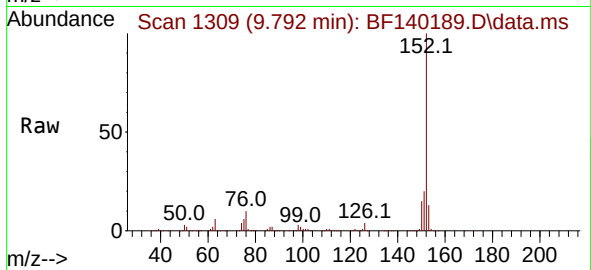
Tgt Ion:152 Resp: 1069997

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 59.690 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

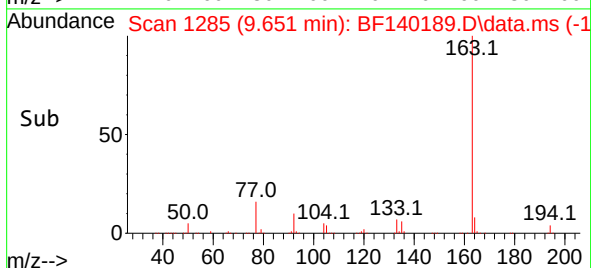
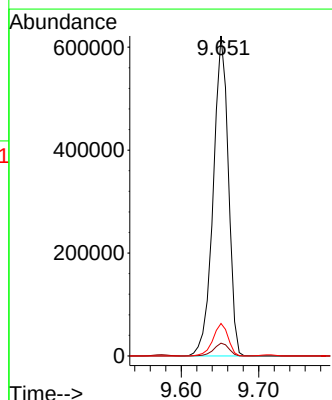
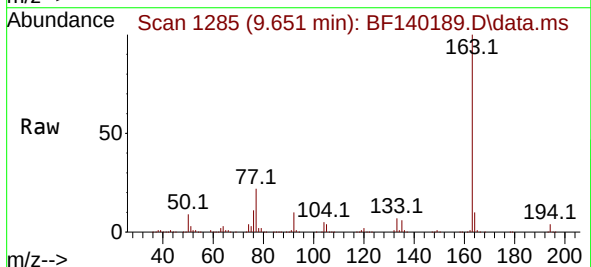
Tgt Ion:163 Resp: 842823

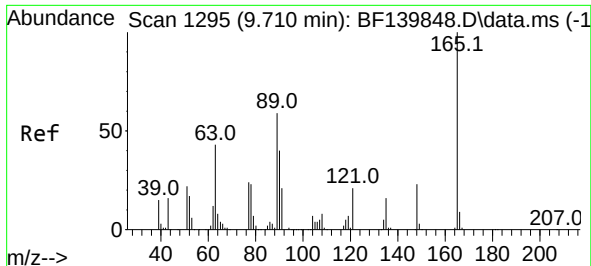
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.2 12.2

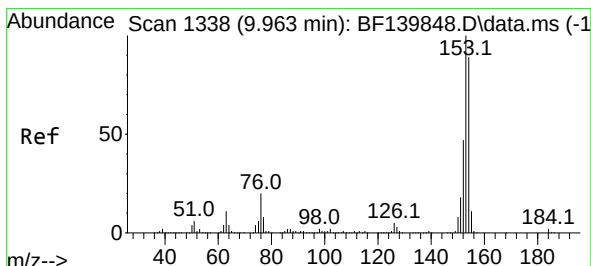
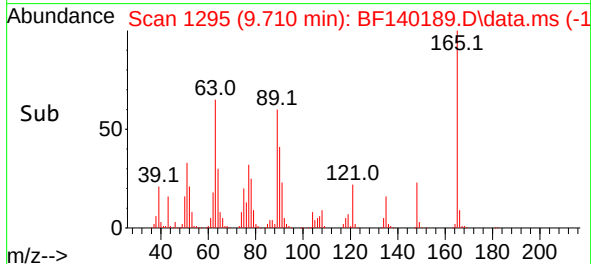
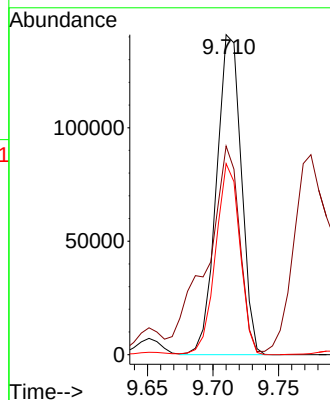
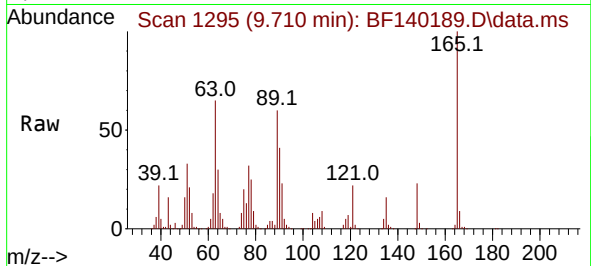




#51
2,6-Dinitrotoluene
Concen: 60.769 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

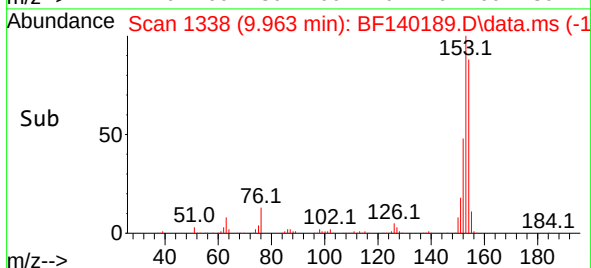
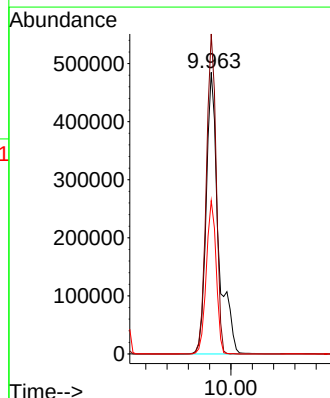
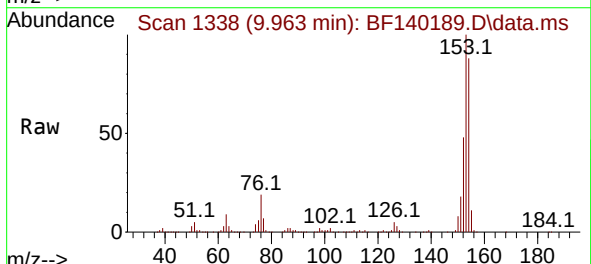
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

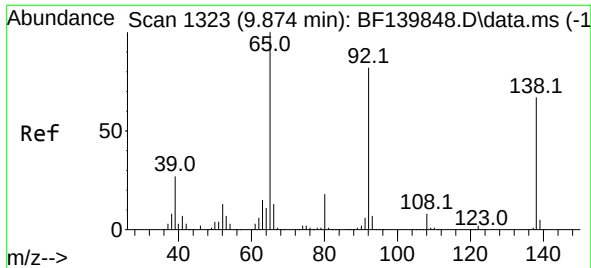
Tgt Ion:165 Resp: 185787
Ion Ratio Lower Upper
165 100
63 65.2 50.6 75.8
89 59.7 47.5 71.3



#52
Acenaphthene
Concen: 64.849 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:154 Resp: 770840
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.6
152 54.4 42.4 63.6

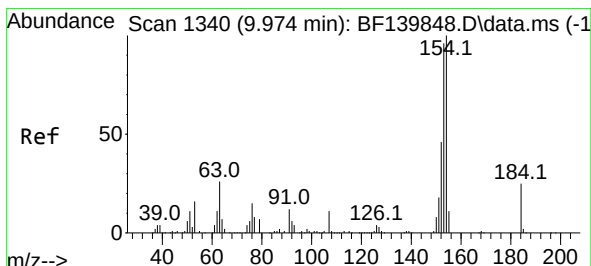
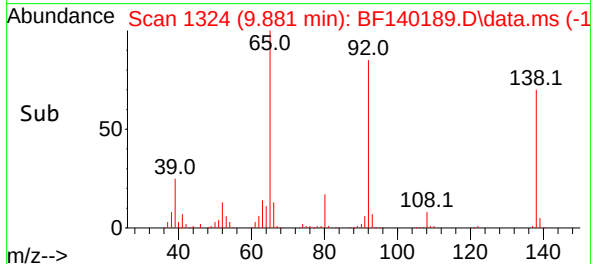
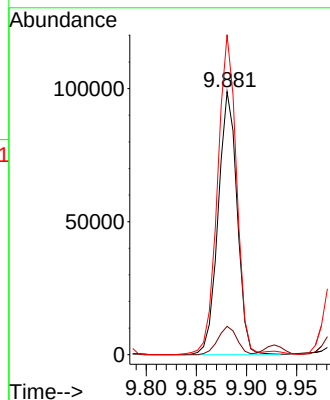
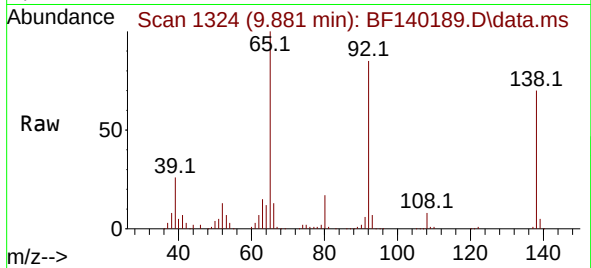




#53
3-Nitroaniline
Concen: 41.087 ng
RT: 9.881 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

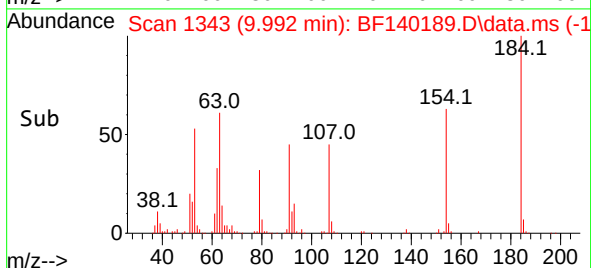
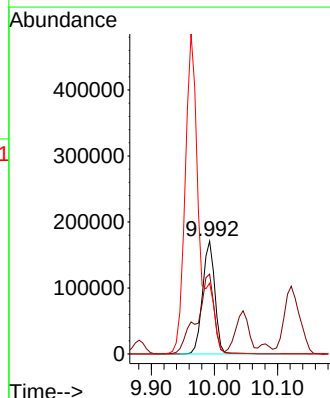
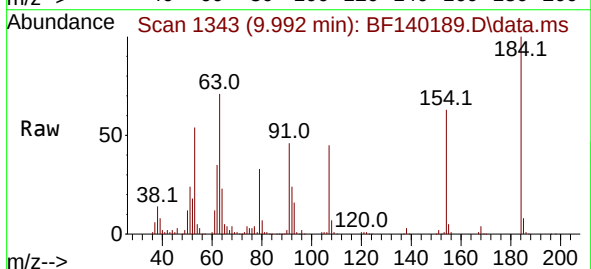
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

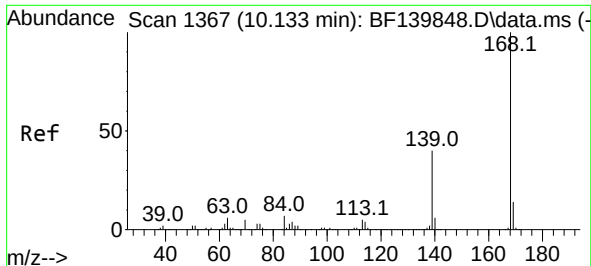
Tgt Ion:138 Resp: 129538
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 121.7 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 174.612 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:184 Resp: 232474
Ion Ratio Lower Upper
184 100
63 70.8 84.7 127.1#
154 62.7 338.2 507.2#

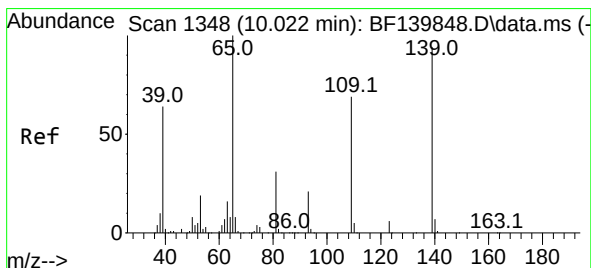
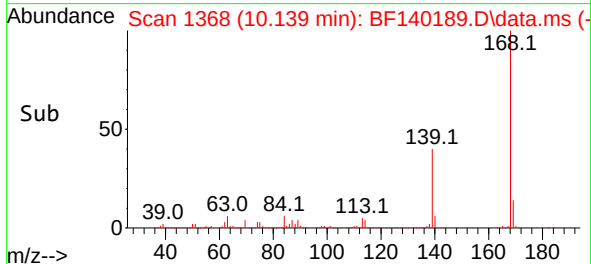
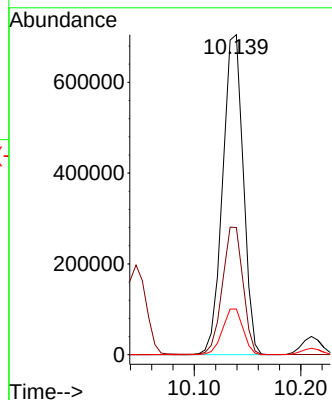
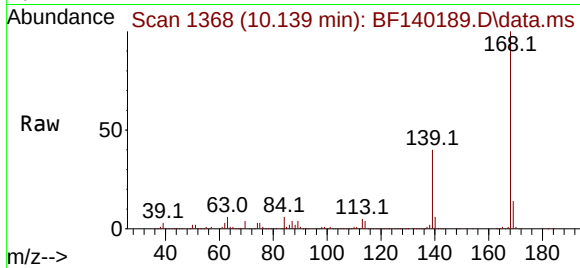




#55
Dibenzenofuran
Concen: 55.283 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

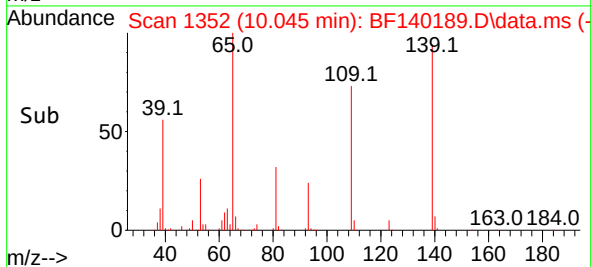
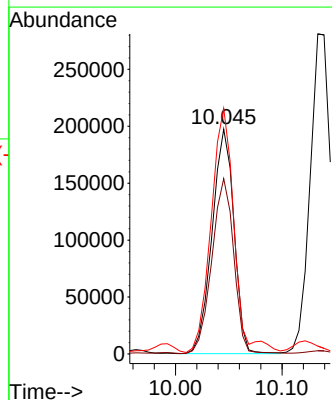
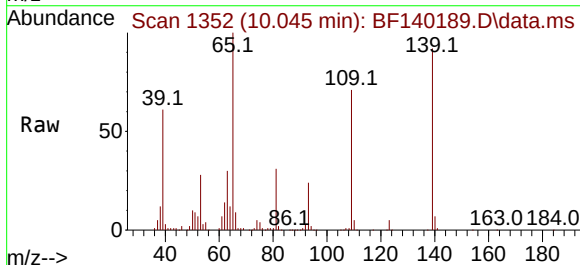
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

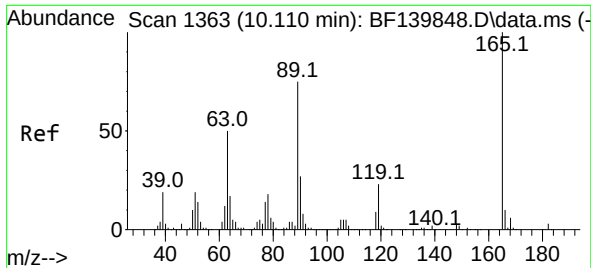
Tgt Ion:168 Resp: 942827
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 115.995 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:139 Resp: 281356
Ion Ratio Lower Upper
139 100
109 78.0 53.6 93.6
65 109.2 87.8 127.8

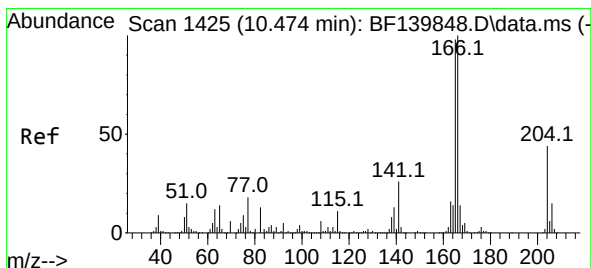
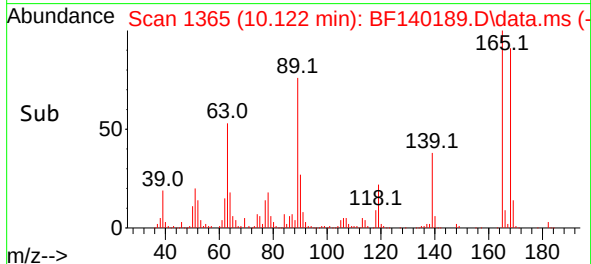
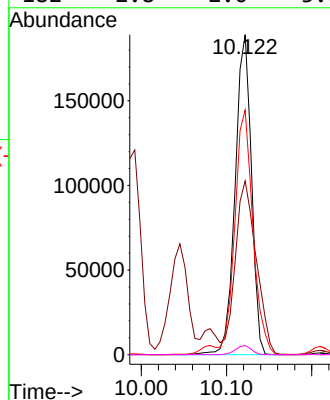
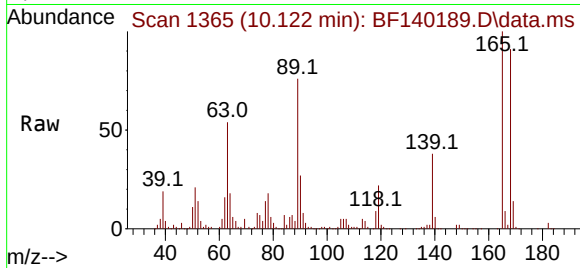




#57
2,4-Dinitrotoluene
Concen: 66.651 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

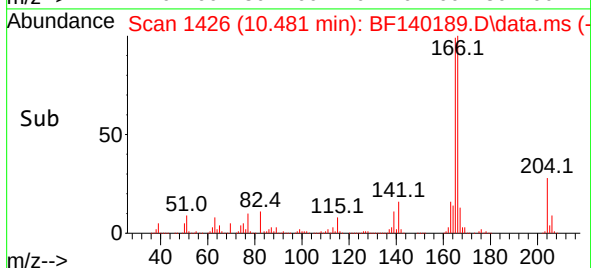
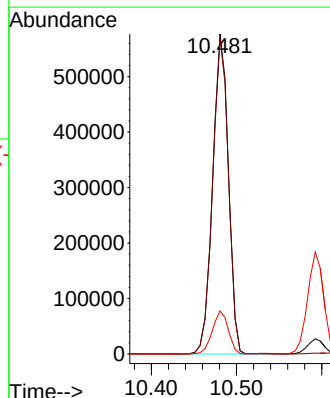
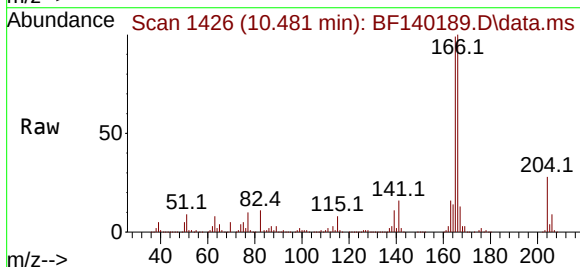
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

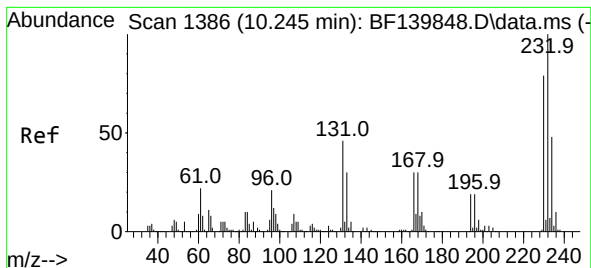
Tgt Ion:165 Resp: 250582
Ion Ratio Lower Upper
165 100
63 54.3 40.1 60.1
89 76.4 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 57.014 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:166 Resp: 740598
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.4 10.9 16.3

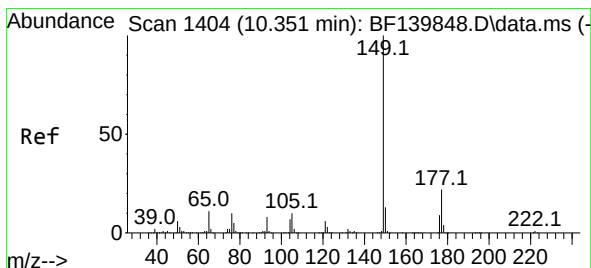
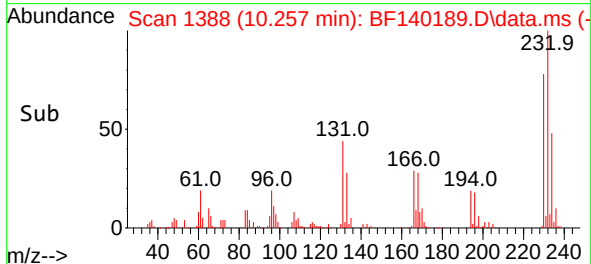
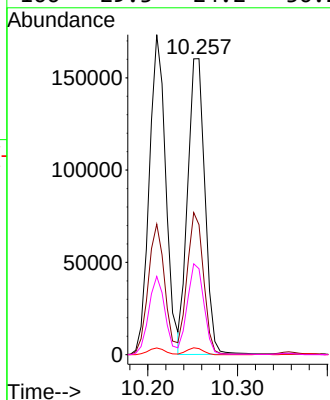
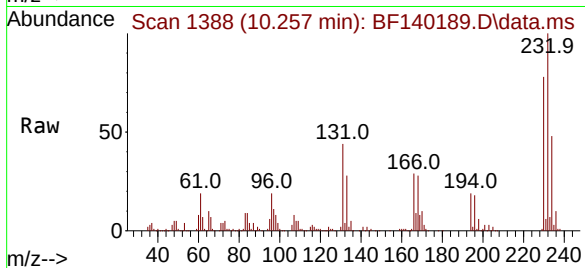




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.738 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

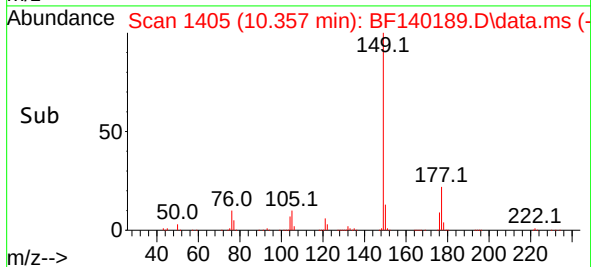
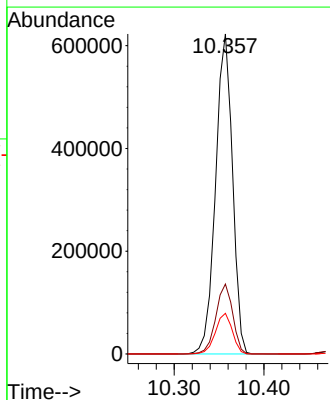
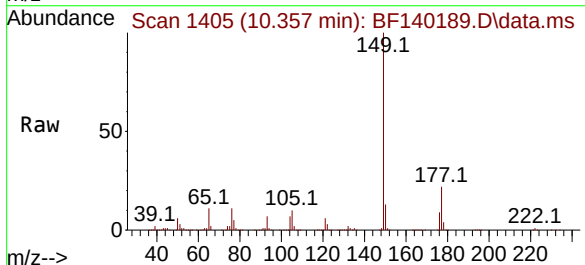
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

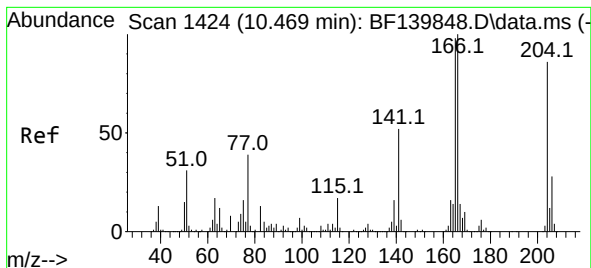
Tgt Ion:232 Resp: 212705
Ion Ratio Lower Upper
232 100
131 45.9 37.0 55.6
130 2.2 1.9 2.9
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 58.739 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:149 Resp: 814345
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.7 10.1 15.1

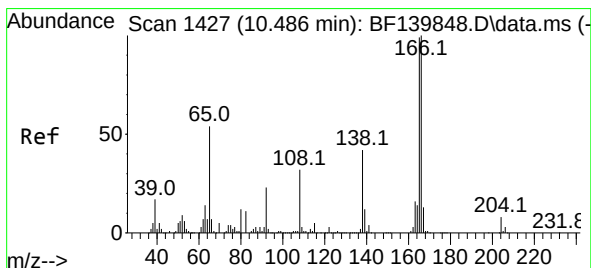
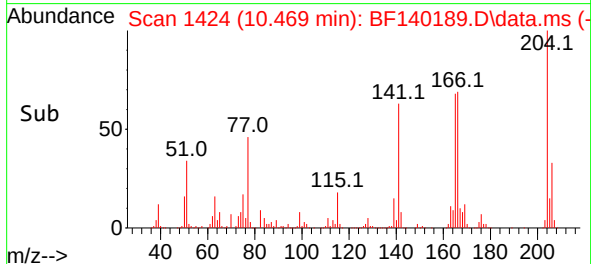
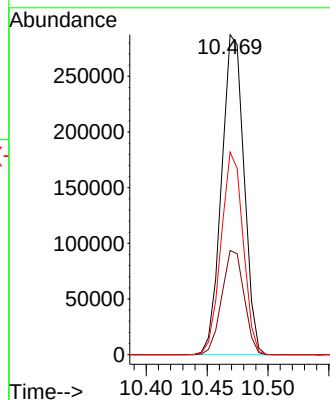
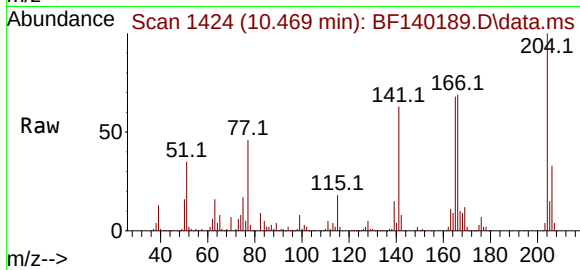




#61
4-Chlorophenyl-phenylether
Concen: 56.202 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

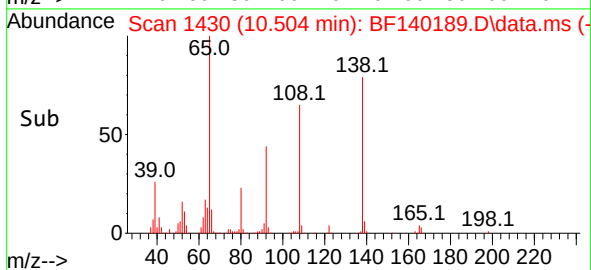
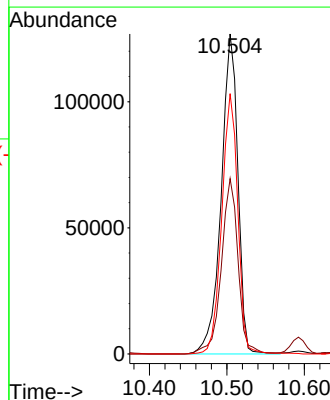
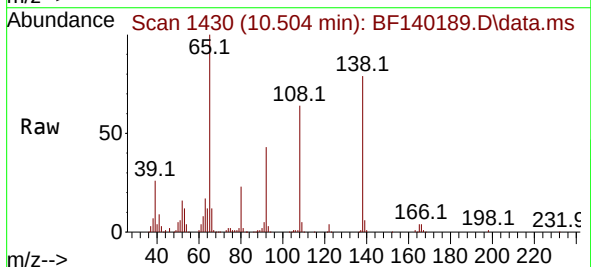
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

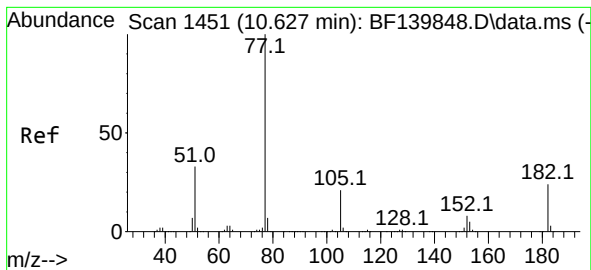
Tgt Ion:204 Resp: 368675
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 63.3 48.6 73.0



#62
4-Nitroaniline
Concen: 63.814 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:138 Resp: 190016
Ion Ratio Lower Upper
138 100
92 54.8 35.7 75.7
108 81.3 57.5 97.5





#63

Azobenzene

Concen: 56.541 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 831026

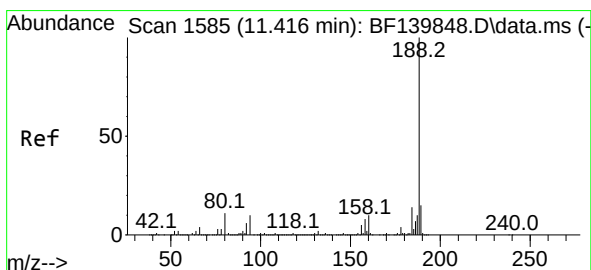
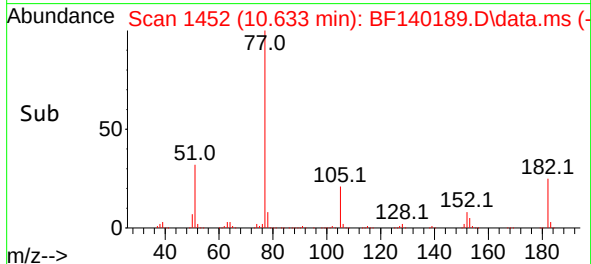
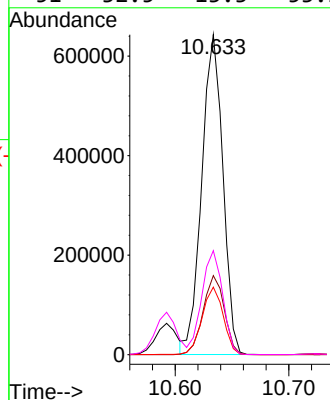
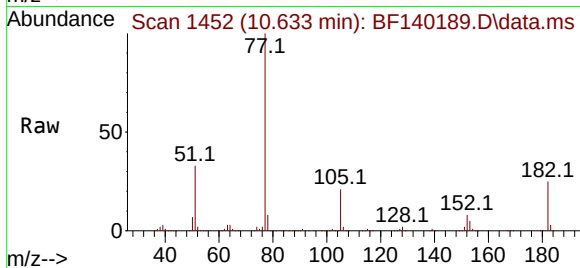
Ion Ratio Lower Upper

77 100

182 24.7 3.3 43.3

105 21.1 1.2 41.2

51 32.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

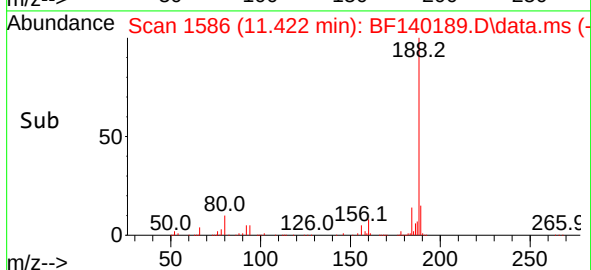
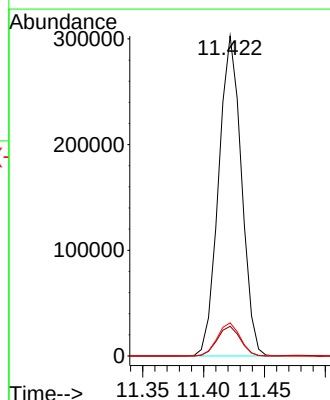
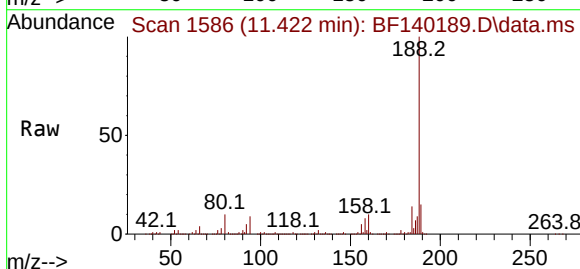
Tgt Ion:188 Resp: 395242

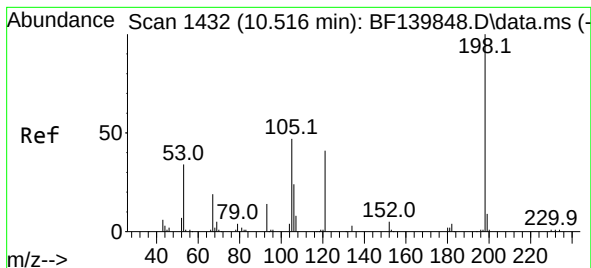
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.4 9.0 13.4

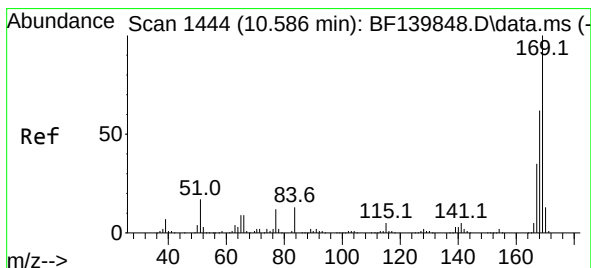
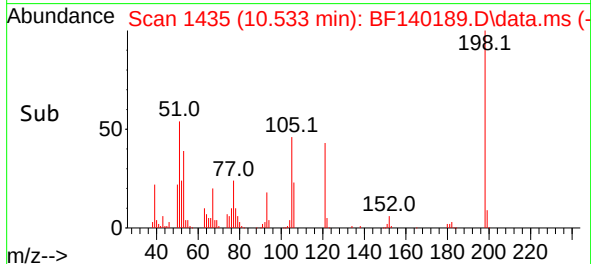
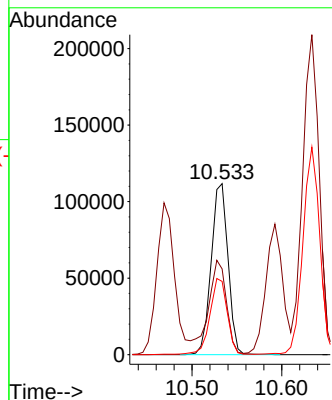
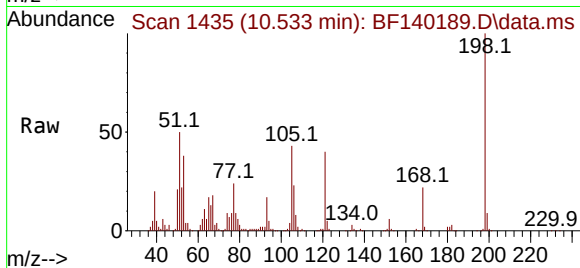




#65
4,6-Dinitro-2-methylphenol
Concen: 90.156 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.017 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

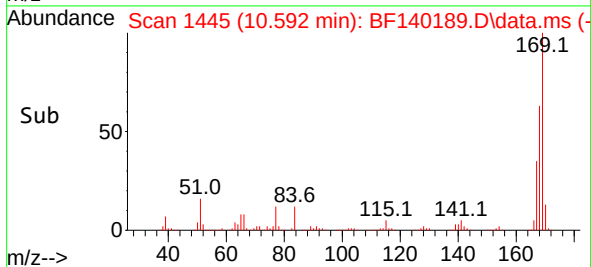
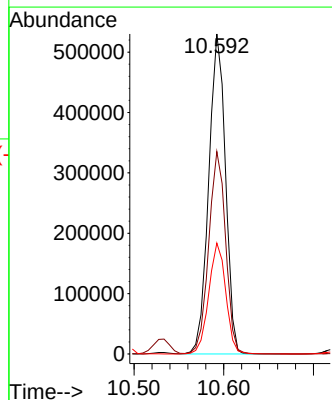
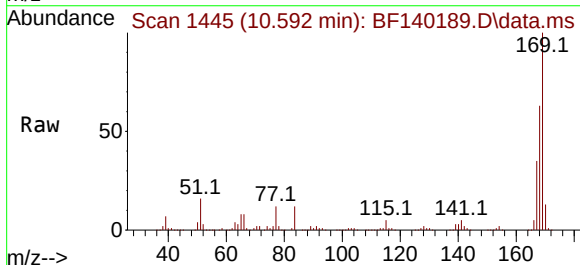
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

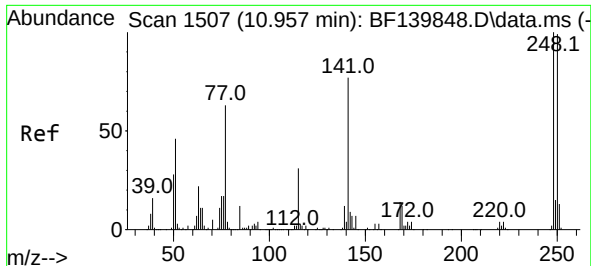
Tgt Ion:198 Resp: 145347
Ion Ratio Lower Upper
198 100
51 50.2 38.2 78.2
105 42.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 58.095 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:169 Resp: 687229
Ion Ratio Lower Upper
169 100
168 63.2 49.8 74.6
167 34.7 28.0 42.0

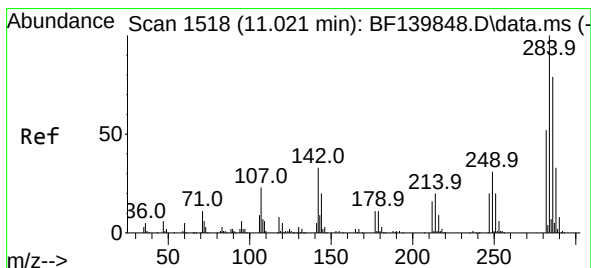
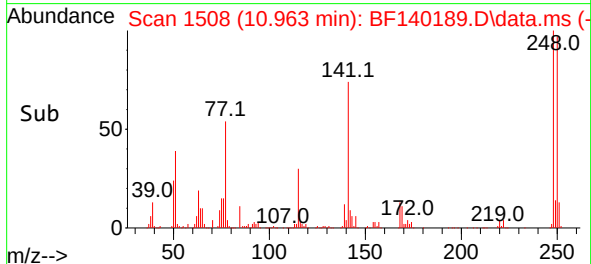
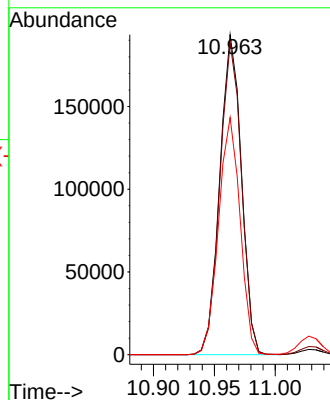
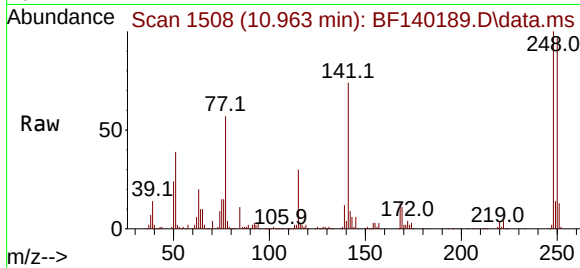




#67
4-Bromophenyl-phenylether
Concen: 58.716 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

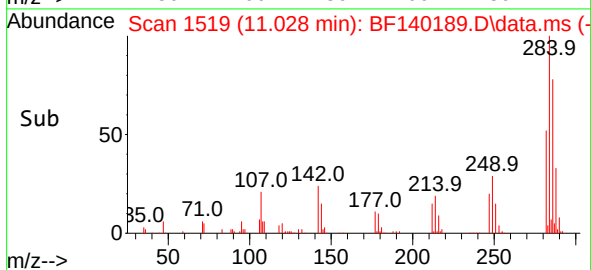
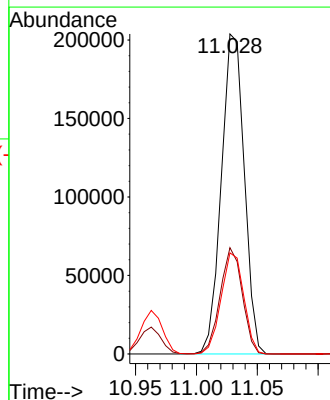
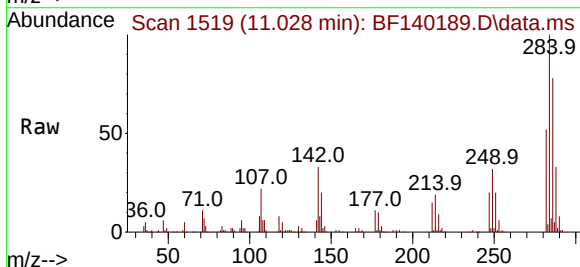
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

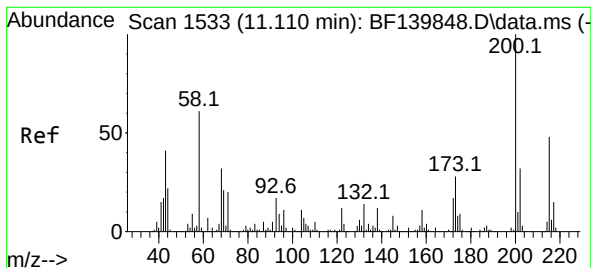
Tgt Ion:248 Resp: 239076
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 74.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 58.307 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:284 Resp: 267008
Ion Ratio Lower Upper
284 100
142 33.2 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 71.167 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

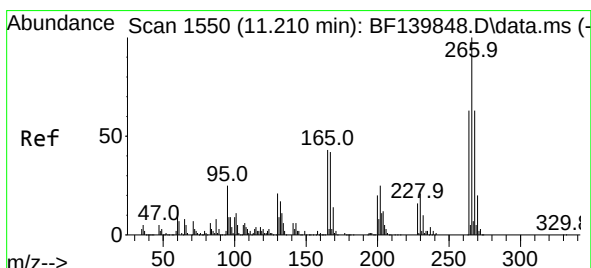
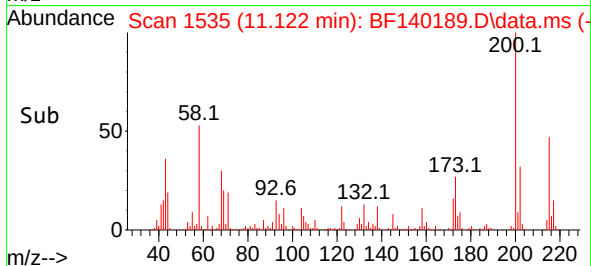
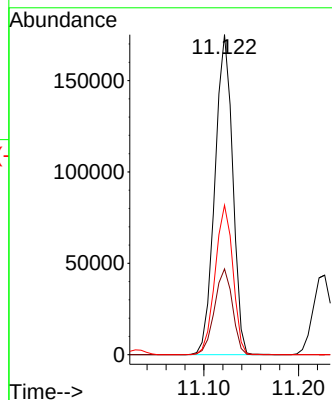
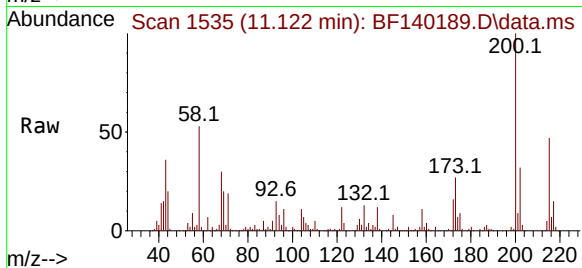
Tgt Ion:200 Resp: 228049

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 46.7 27.7 67.7



#70

Pentachlorophenol

Concen: 115.518 ng

RT: 11.228 min Scan# 1553

Delta R.T. 0.018 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

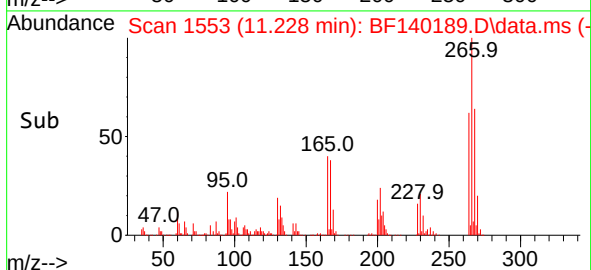
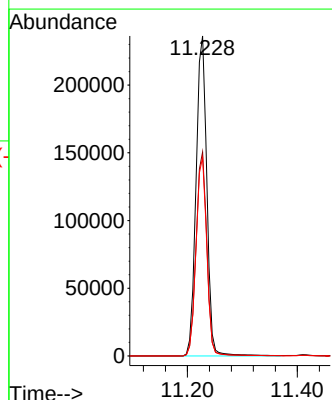
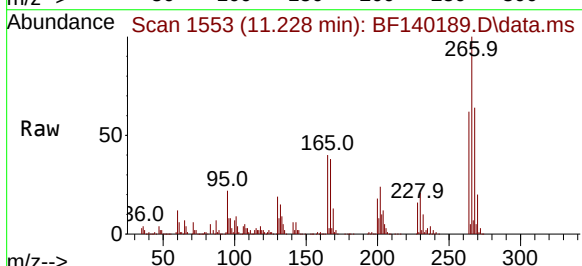
Tgt Ion:266 Resp: 321050

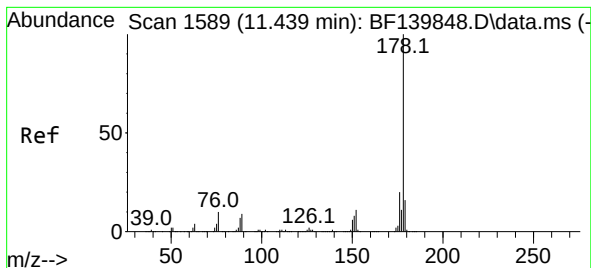
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 62.1 50.6 75.8





#71

Phenanthrene

Concen: 57.138 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

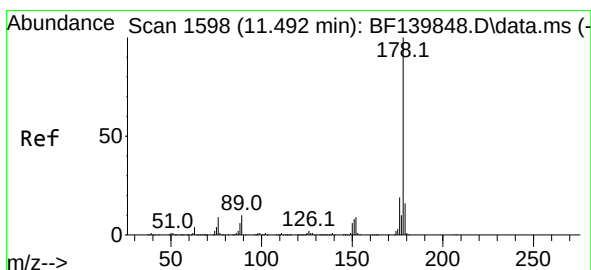
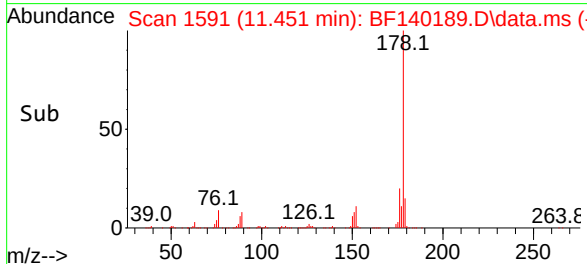
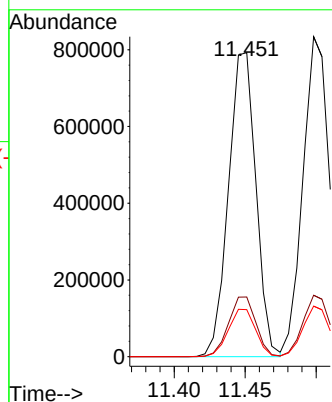
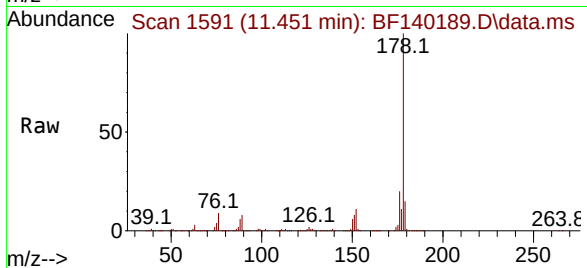
Tgt Ion:178 Resp: 1066747

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 59.148 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

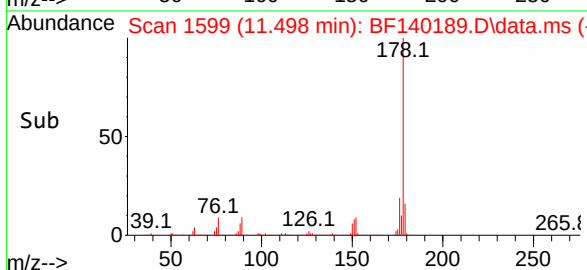
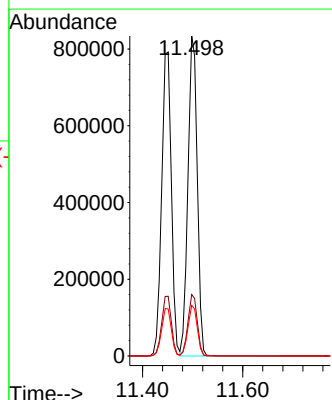
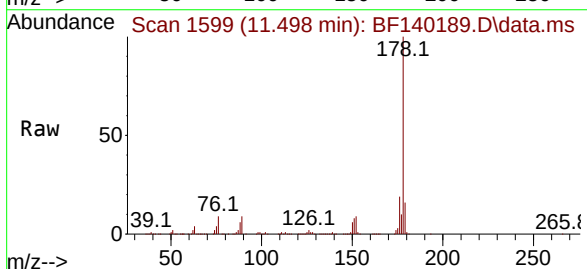
Tgt Ion:178 Resp: 1077410

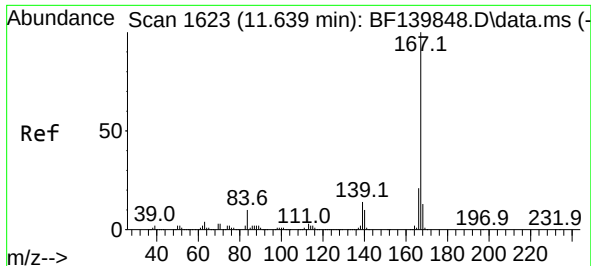
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

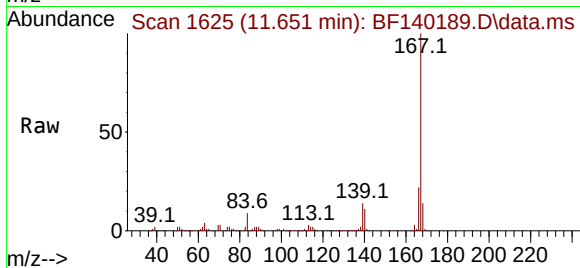
179 15.8 12.4 18.6



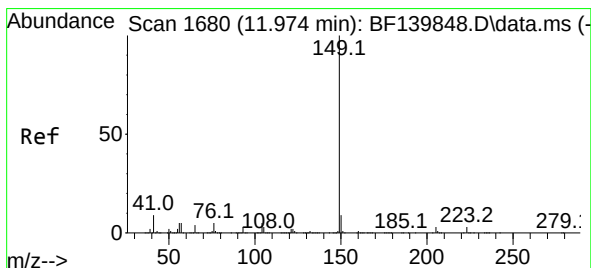
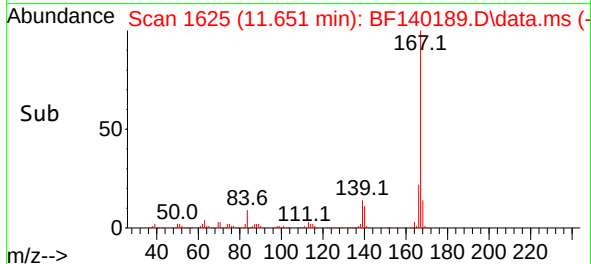
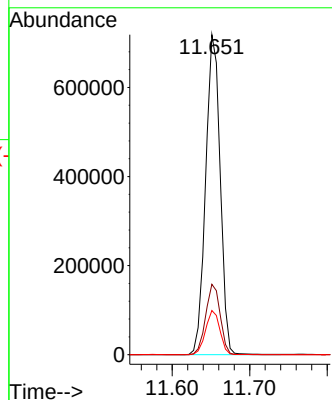


#73
Carbazole
Concen: 55.230 ng
RT: 11.651 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

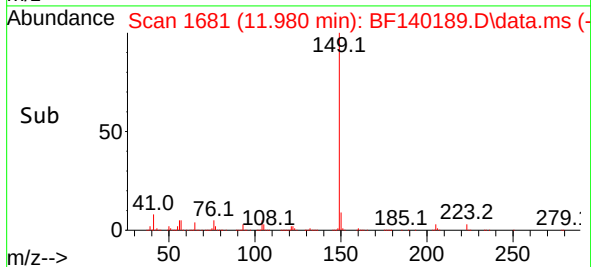
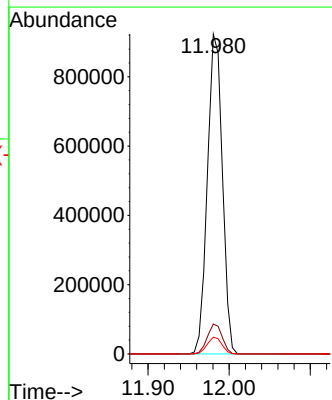
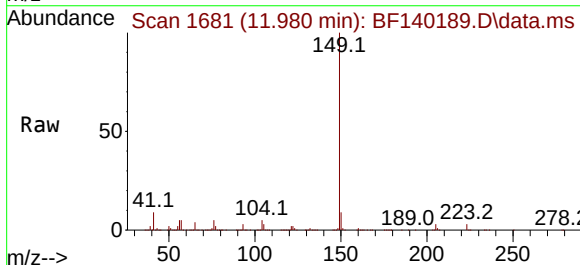


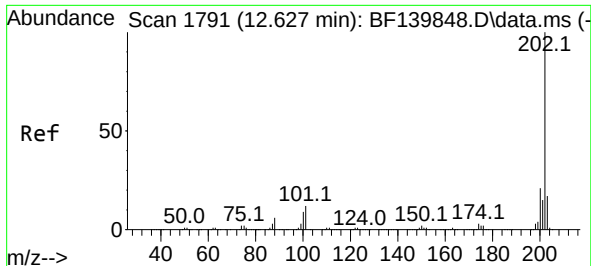
Tgt Ion:167 Resp: 935643
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 60.222 ng
RT: 11.980 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:149 Resp: 1178683
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.3 4.1 6.1

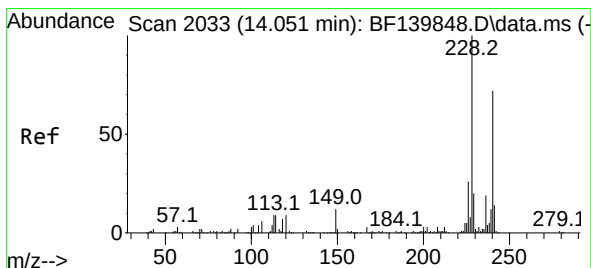
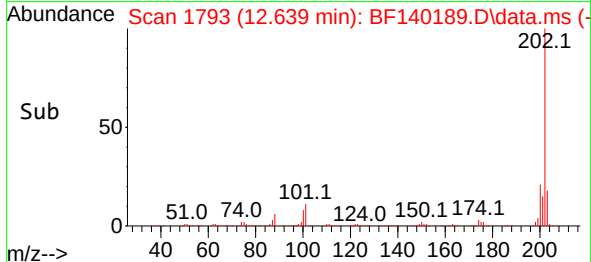
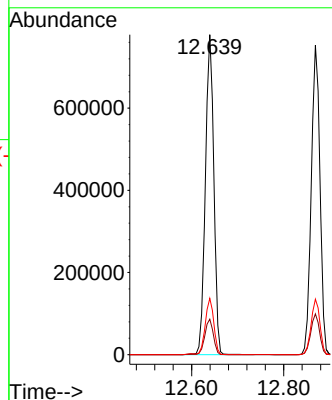
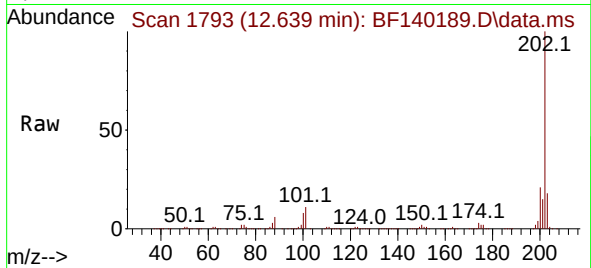




#75
Fluoranthene
Concen: 53.044 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

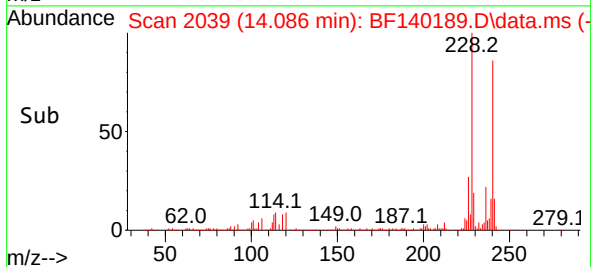
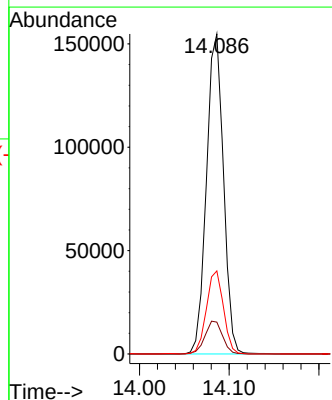
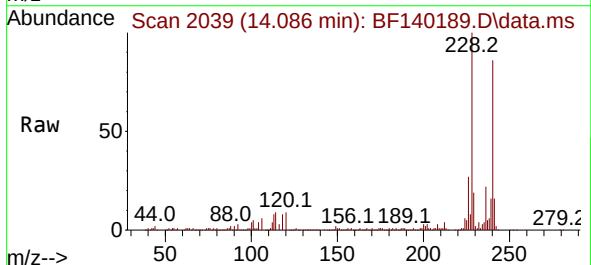
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

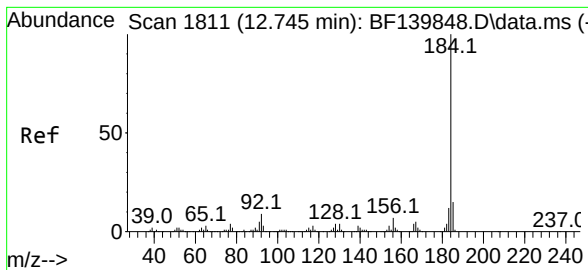
Tgt Ion:202 Resp: 1001127
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.035 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:240 Resp: 203591
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 21.183 ng

RT: 12.757 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

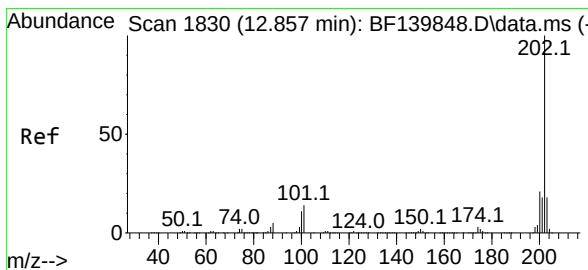
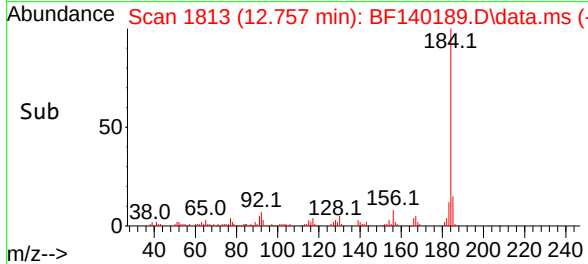
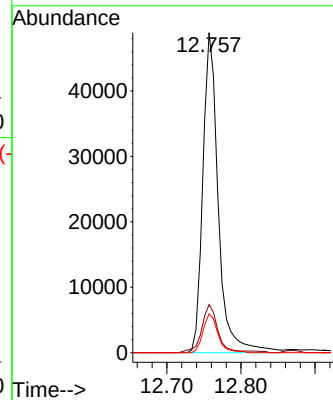
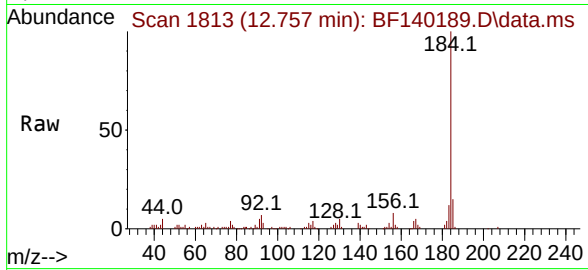
Tgt Ion:184 Resp: 70914

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

183 12.2 9.4 14.2



#78

Pyrene

Concen: 55.160 ng

RT: 12.869 min Scan# 1832

Delta R.T. 0.012 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

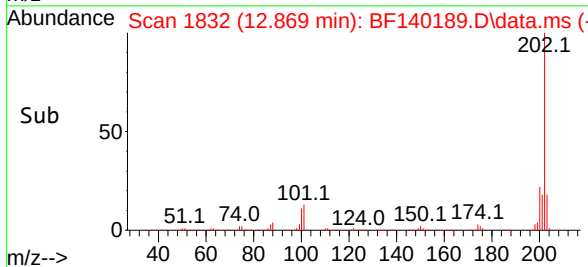
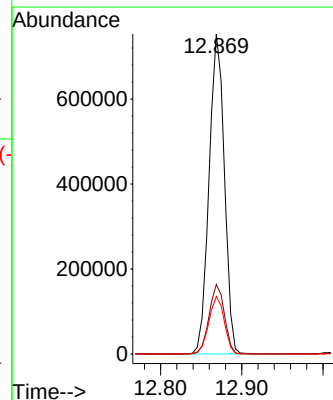
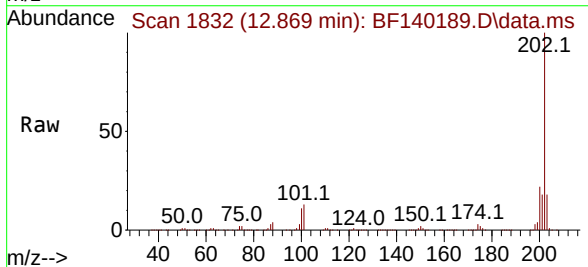
Tgt Ion:202 Resp: 983012

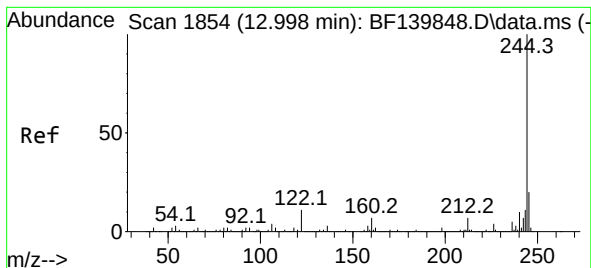
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 117.507 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.018 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

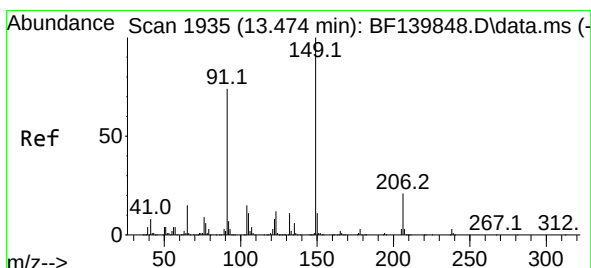
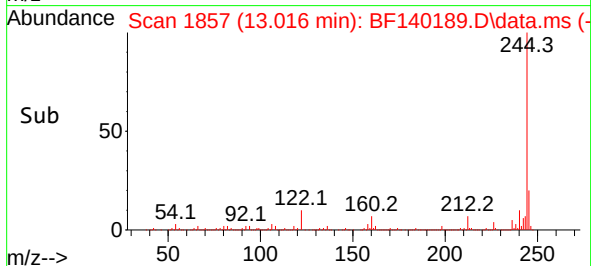
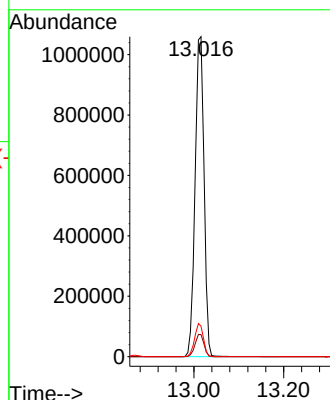
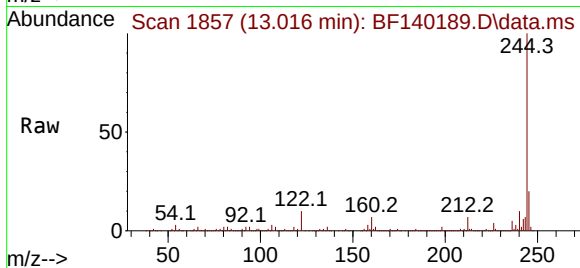
Tgt Ion:244 Resp: 1468155

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.6 8.6 13.0



#80

Butylbenzylphthalate

Concen: 74.108 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

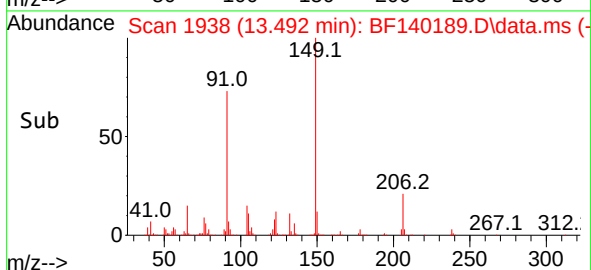
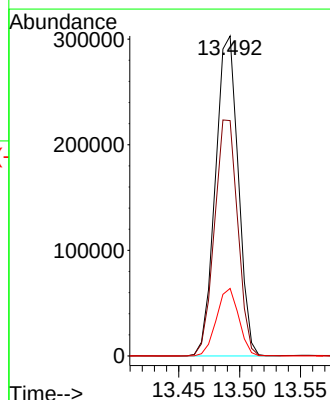
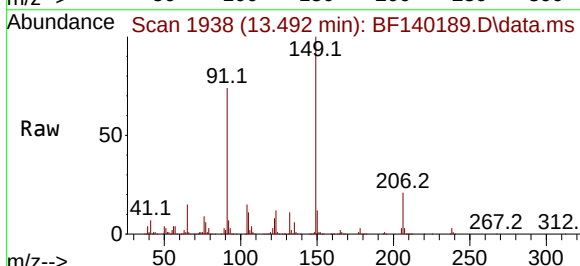
Tgt Ion:149 Resp: 395943

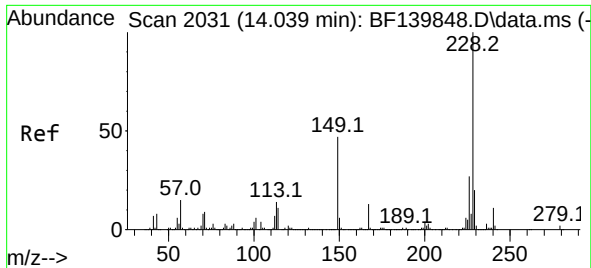
Ion Ratio Lower Upper

149 100

91 73.5 59.4 89.2

206 21.1 16.4 24.6

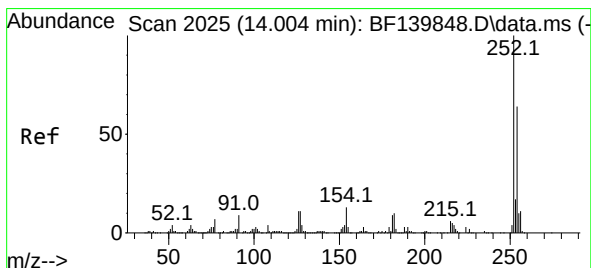
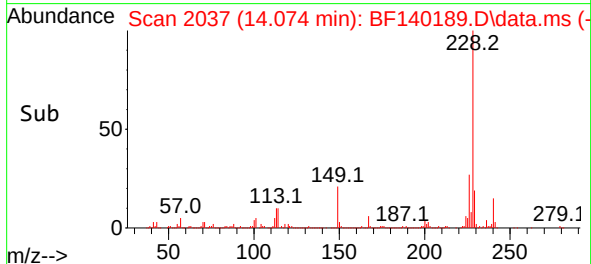
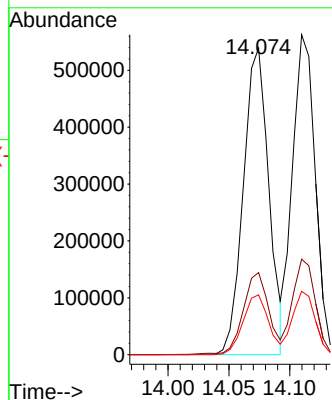
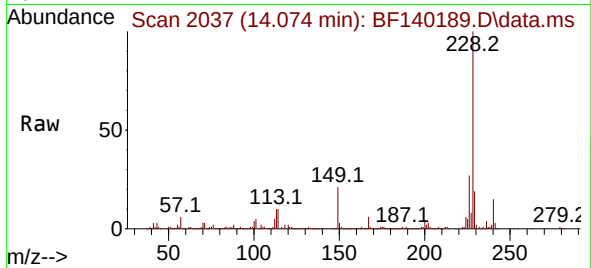




#81
Benzo(a)anthracene
Concen: 59.183 ng
RT: 14.074 min Scan# 2031
Delta R.T. 0.036 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

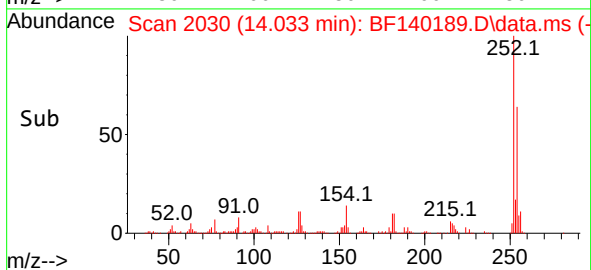
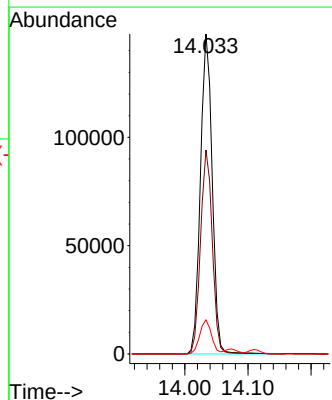
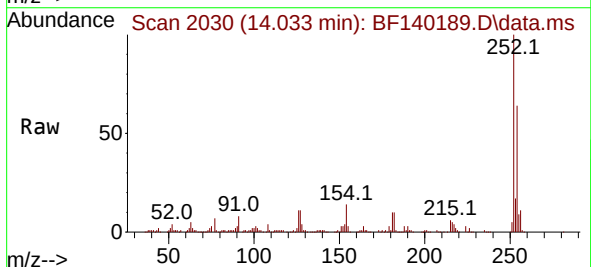
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

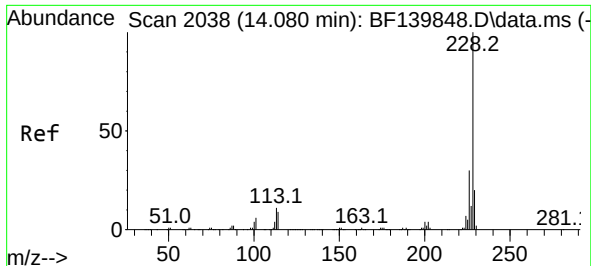
Tgt Ion:228 Resp: 784356
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 49.448 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.030 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:252 Resp: 191076
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 10.7 8.9 13.3





#83

Chrysene

Concen: 60.450 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.030 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

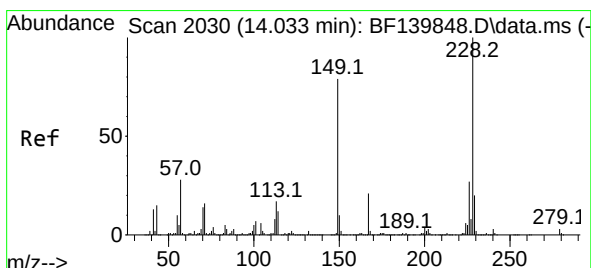
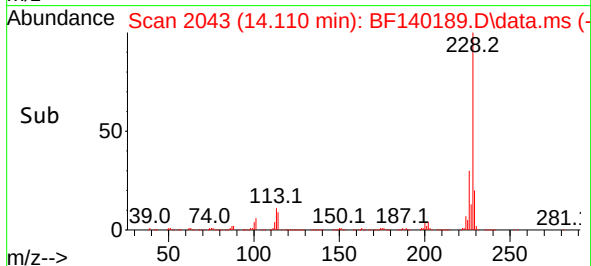
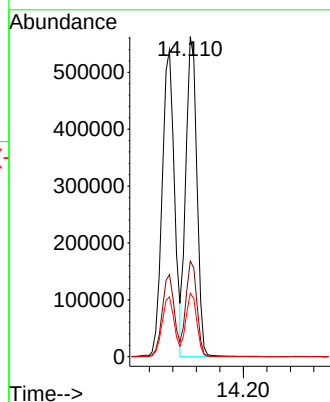
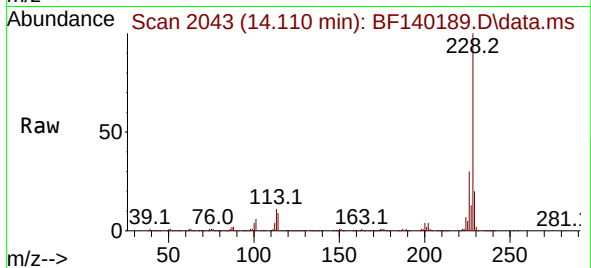
Tgt Ion:228 Resp: 734563

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 84.300 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.030 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

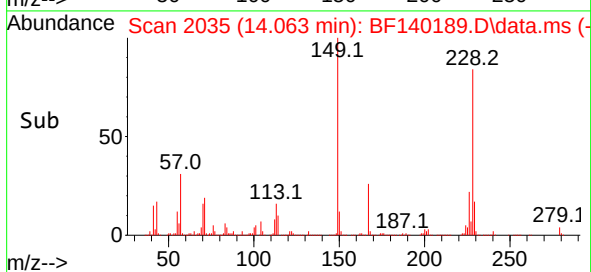
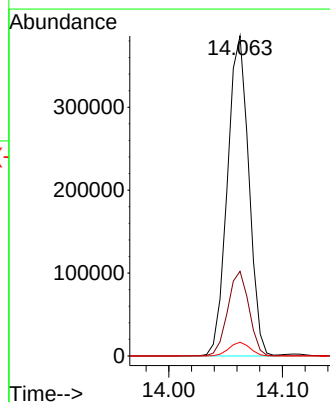
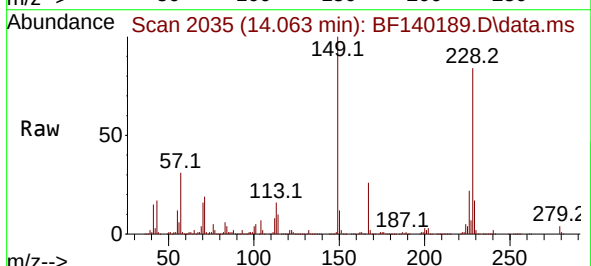
Tgt Ion:149 Resp: 505320

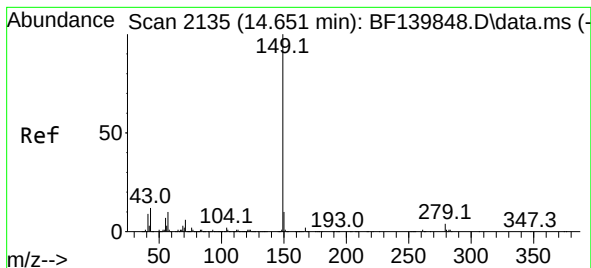
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 73.001 ng

RT: 14.710 min Scan# 2145

Delta R.T. 0.059 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

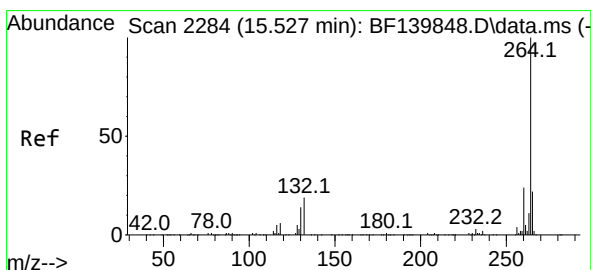
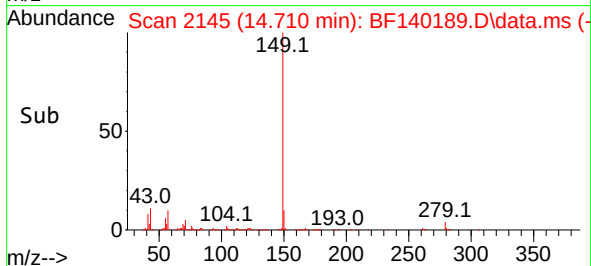
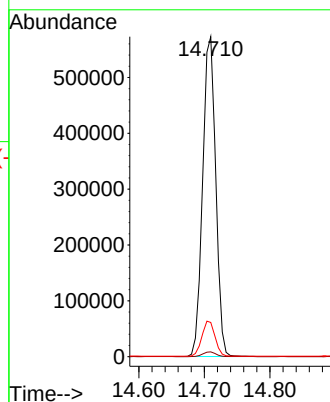
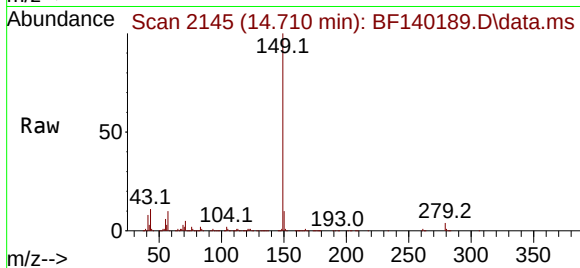
Tgt Ion:149 Resp: 795925

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2298

Delta R.T. 0.083 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

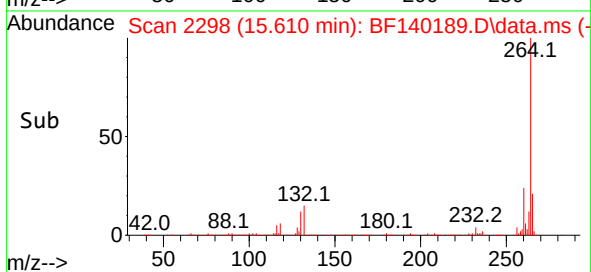
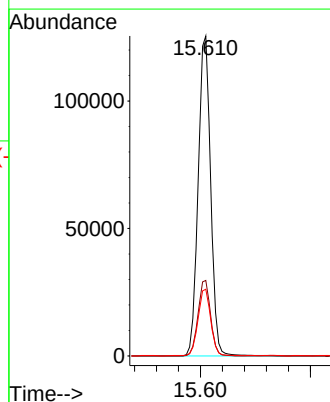
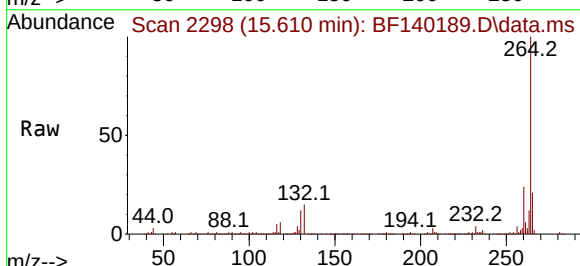
Tgt Ion:264 Resp: 197882

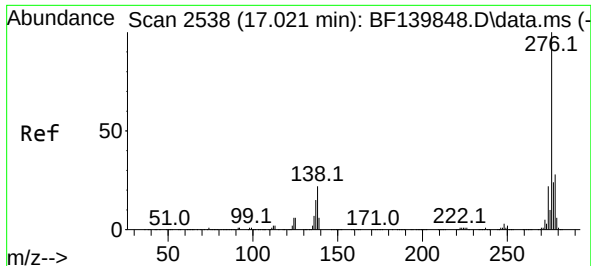
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 20.9 17.4 26.0

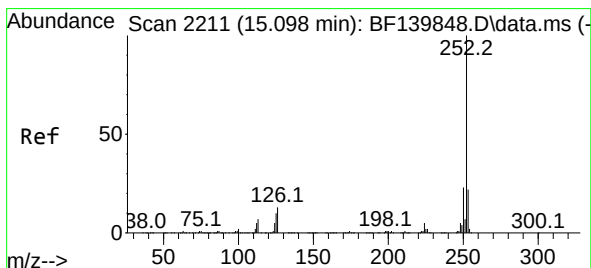
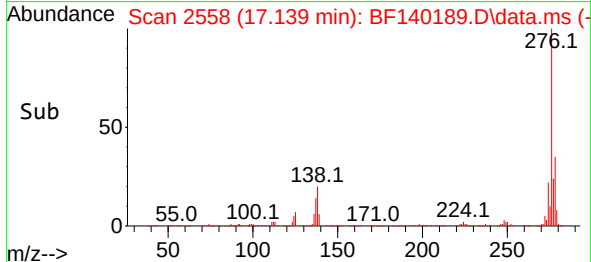
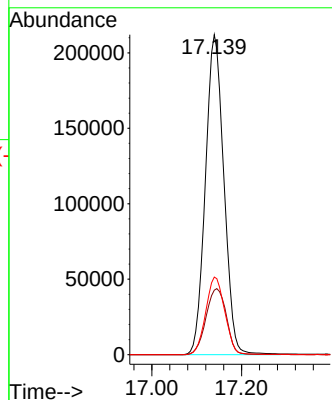
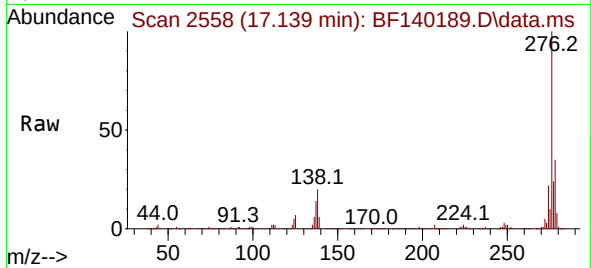




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.599 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

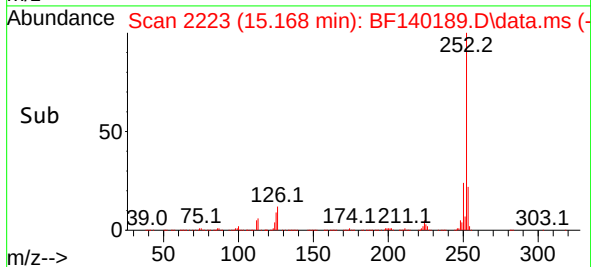
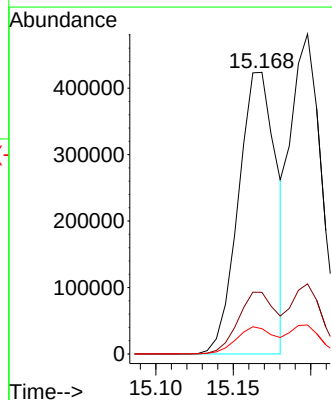
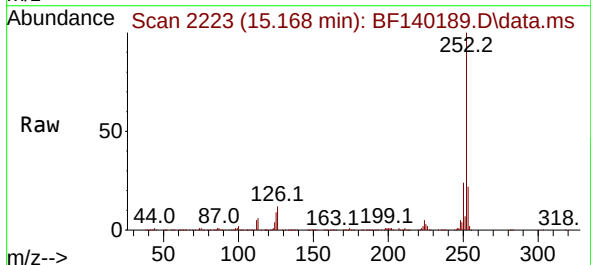
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

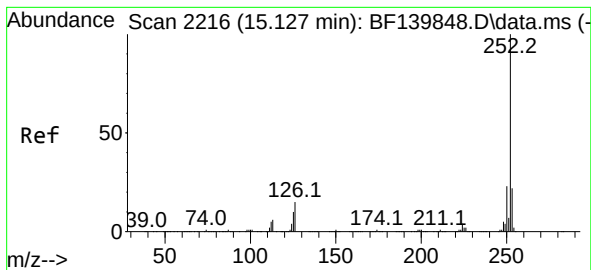
Tgt Ion:276 Resp: 605951
Ion Ratio Lower Upper
276 100
138 22.7 20.4 30.6
277 25.0 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 59.668 ng
RT: 15.168 min Scan# 2223
Delta R.T. 0.071 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:252 Resp: 719241
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 63.635 ng

RT: 15.198 min Scan# 2216

Delta R.T. 0.071 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

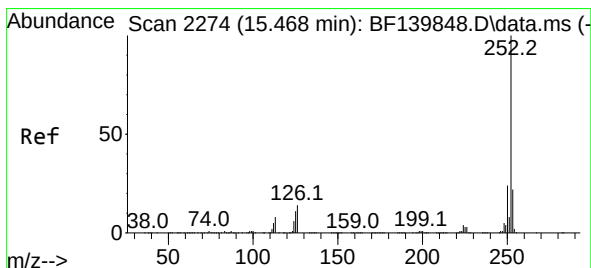
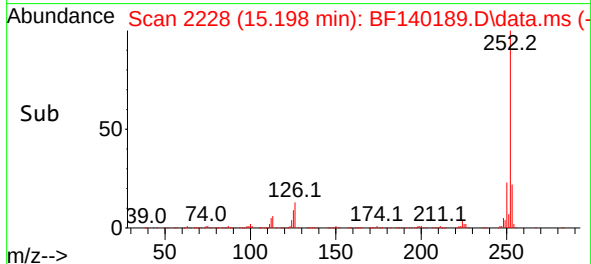
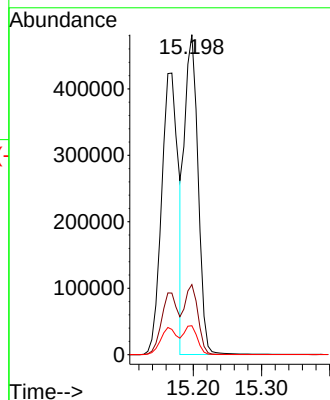
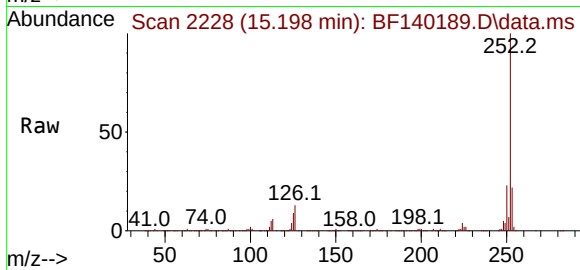
Tgt Ion:252 Resp: 661525

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 63.616 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.077 min

Lab File: BF140189.D

Acq: 31 Oct 2024 15:14

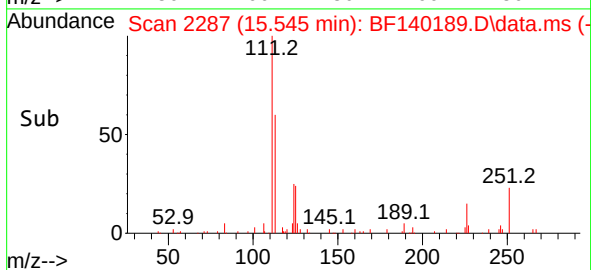
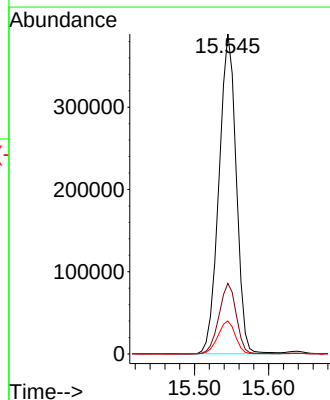
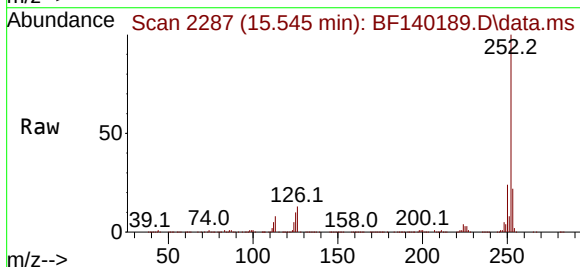
Tgt Ion:252 Resp: 630980

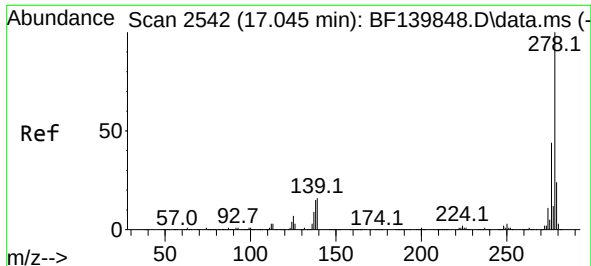
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.3 8.7 13.1



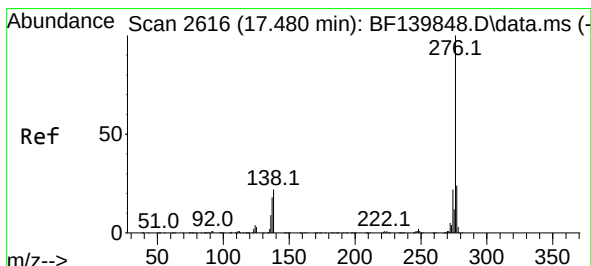
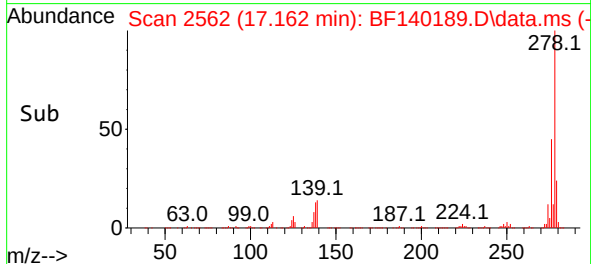
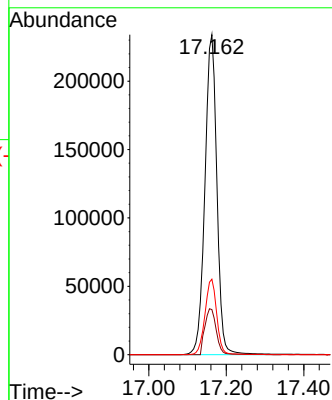
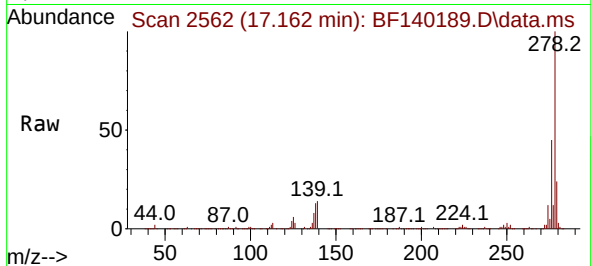


#91
Dibenzo(a,h)anthracene
Concen: 47.309 ng
RT: 17.162 min Scan# 2637
Delta R.T. 0.118 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 502418

Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.1	19.7
279	23.6	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 41.334 ng
RT: 17.604 min Scan# 2637
Delta R.T. 0.124 min
Lab File: BF140189.D
Acq: 31 Oct 2024 15:14

Tgt Ion:276 Resp: 438468

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	20.3	17.4	26.0

