

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140466.D
 Acq On : 19 Nov 2024 12:02
 Operator : RC/JU
 Sample : P4848-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Nov 19 12:33:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147727	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	561678	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	311833	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	573421	20.000	ng	0.00
76) Chrysene-d12	14.063	240	332365	20.000	ng	0.01
86) Perylene-d12	15.580	264	278980	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1246803	144.102	ng	0.03
7) Phenol-d6	6.522	99	1620758	138.262	ng	0.02
23) Nitrobenzene-d5	7.439	82	1116789	103.596	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	492692	158.885	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1946766	100.359	ng	0.00
79) Terphenyl-d14	12.986	244	2165816	113.111	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	156406	40.559	ng	# 84
3) Pyridine	3.581	79	305420	32.216	ng	100
4) n-Nitrosodimethylamine	3.516	42	214816	44.833	ng	97
6) Aniline	6.545	93	176570	17.315	ng	# 8
8) 2-Chlorophenol	6.663	128	478212	51.453	ng	99
10) Phenol	6.534	94	566421	45.819	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	478552	51.090	ng	98
12) 1,3-Dichlorobenzene	6.816	146	416080	40.575	ng	99
13) 1,4-Dichlorobenzene	6.892	146	423806	40.758	ng	99
14) 1,2-Dichlorobenzene	7.039	146	412164	42.698	ng	99
15) Benzyl Alcohol	7.022	79	438680	51.942	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	590071	45.607	ng	58
17) 2-Methylphenol	7.134	107	393128	51.418	ng	# 92
18) Hexachloroethane	7.381	117	156492	40.711	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	344554	48.667	ng	99
20) 3+4-Methylphenols	7.287	107	497318	52.012	ng	93
22) Acetophenone	7.281	105	638503	48.877	ng	98
24) Nitrobenzene	7.457	77	518128	46.162	ng	99
25) Isophorone	7.692	82	977146	51.144	ng	100
26) 2-Nitrophenol	7.769	139	258689	51.938	ng	99
27) 2,4-Dimethylphenol	7.810	122	387358	60.746	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	594099	50.712	ng	100
29) 2,4-Dichlorophenol	8.016	162	421874	53.533	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	399116	45.489	ng	99
31) Naphthalene	8.175	128	1352554	47.470	ng	100
32) Benzoic acid	7.945	122	316452	56.398	ng	97
33) 4-Chloroaniline	8.239	127	63627	6.421	ng	99
34) Hexachlorobutadiene	8.286	225	246499	44.095	ng	99
35) Caprolactam	8.604	113	67856	25.906	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	468813	53.681	ng	99
37) 2-Methylnaphthalene	8.863	142	918042	50.248	ng	100
38) 1-Methylnaphthalene	8.963	142	859009	48.014	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	430105	49.878	ng	99
41) Hexachlorocyclopentadiene	9.016	237	423227	191.156	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	308950	54.594	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	323796	52.333	ng	98

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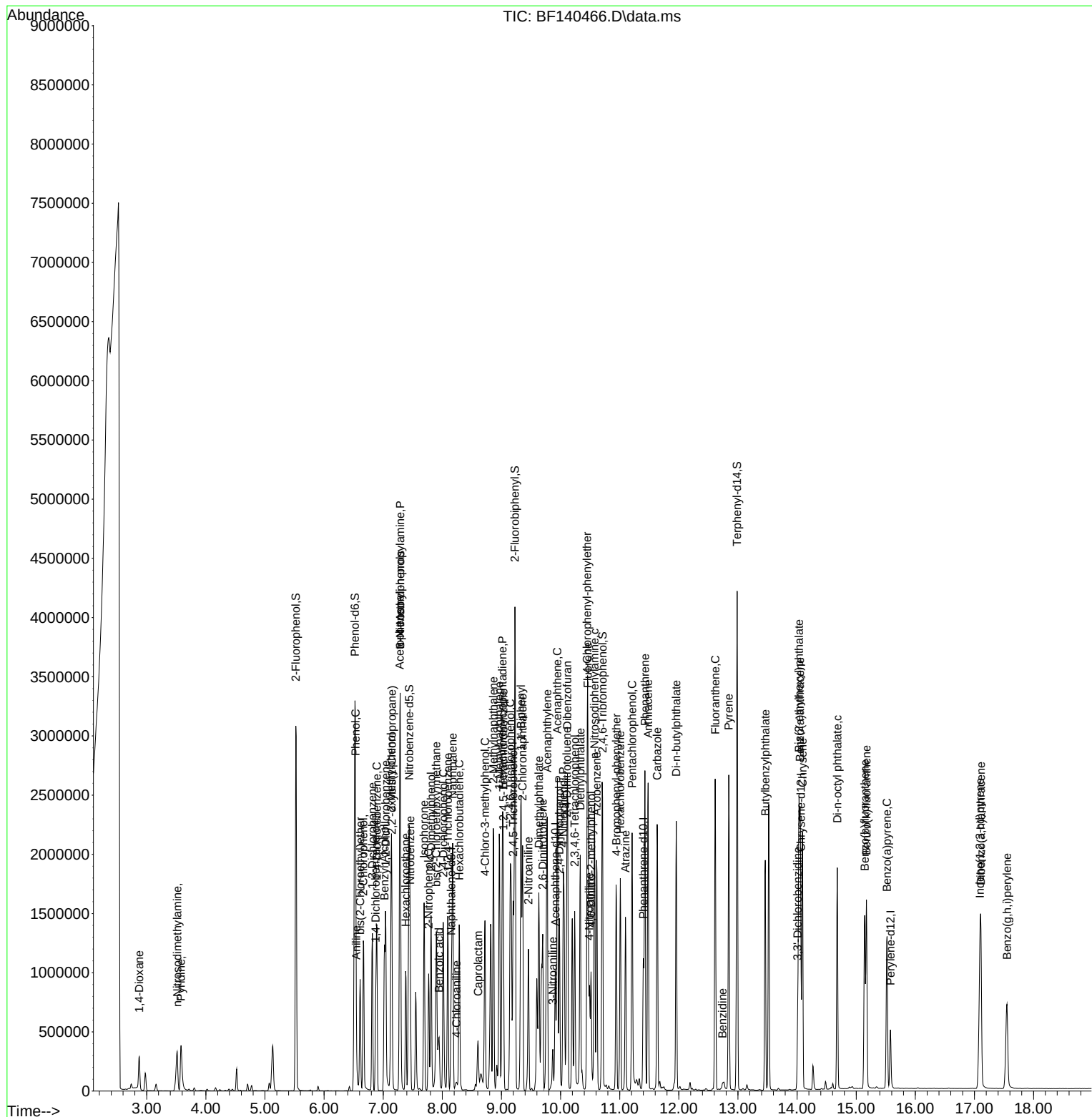
Instrument :
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 ClientSampleId :
 TP-1MSD

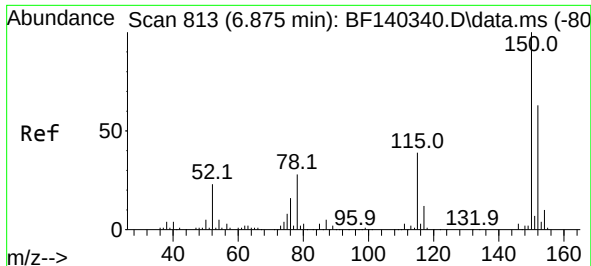
Quant Time: Nov 19 12:33:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1154477	50.890	ng	100
47) 2-Chloronaphthalene	9.357	162	878650	50.844	ng	99
48) 2-Nitroaniline	9.457	65	297459	51.902	ng	99
49) Acenaphthylene	9.775	152	1441643	55.138	ng	100
50) Dimethylphthalate	9.633	163	1104405	54.336	ng	100
51) 2,6-Dinitrotoluene	9.698	165	240132	51.823	ng	97
52) Acenaphthene	9.945	154	888668	50.322	ng	100
53) 3-Nitroaniline	9.869	138	81674	16.784	ng	97
54) 2,4-Dinitrophenol	9.980	184	303967	127.208	ng	98
55) Dibenzofuran	10.116	168	1298986	51.960	ng	99
56) 4-Nitrophenol	10.045	139	342426	96.471	ng	100
57) 2,4-Dinitrotoluene	10.104	165	326760	53.581	ng	98
58) Fluorene	10.463	166	1000473	50.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	266995	54.652	ng	99
60) Diethylphthalate	10.333	149	1088675	52.381	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	499052	51.184	ng	98
62) 4-Nitroaniline	10.486	138	227000	45.622	ng	99
63) Azobenzene	10.610	77	1056806	51.462	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	188565	61.120	ng	97
66) n-Nitrosodiphenylamine	10.575	169	891791	53.826	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	308097	53.751	ng	98
68) Hexachlorobenzene	11.010	284	347014	53.807	ng	98
69) Atrazine	11.098	200	250580	49.990	ng	99
70) Pentachlorophenol	11.210	266	381086	109.696	ng	98
71) Phenanthrene	11.427	178	1436654	53.334	ng	99
72) Anthracene	11.480	178	1455828	55.145	ng	99
73) Carbazole	11.633	167	1324088	50.795	ng	100
74) Di-n-butylphthalate	11.957	149	1642600	52.502	ng	100
75) Fluoranthene	12.616	202	1534269	50.769	ng	100
77) Benzidine	12.739	184	50672	3.972	ng	99
78) Pyrene	12.845	202	1583066	55.684	ng	100
80) Butylbenzylphthalate	13.463	149	639583	58.563	ng	97
81) Benzo(a)anthracene	14.051	228	1183344	54.173	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	183818	26.475	ng	100
83) Chrysene	14.092	228	1104867	55.436	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	853491	58.549	ng	98
85) Di-n-octyl phthalate	14.680	149	1272836	61.997	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	944710	54.819	ng	99
88) Benzo(b)fluoranthene	15.145	252	933040	51.127	ng	99
89) Benzo(k)fluoranthene	15.174	252	907592	60.877	ng	99
90) Benzo(a)pyrene	15.521	252	846252	59.713	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	777055	54.549	ng	100
92) Benzo(g,h,i)perylene	17.551	276	715799	49.152	ng	99

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

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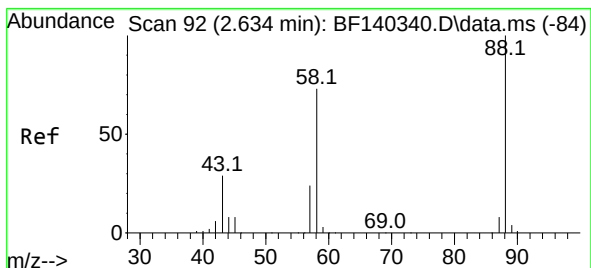
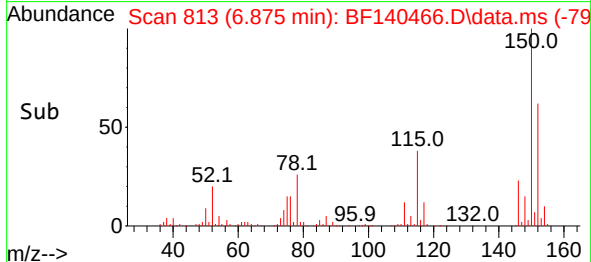
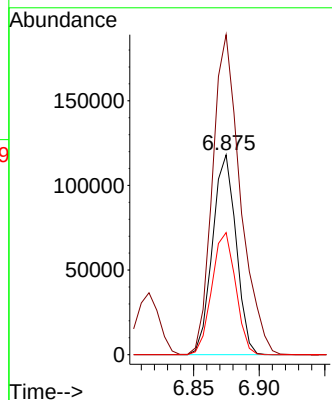
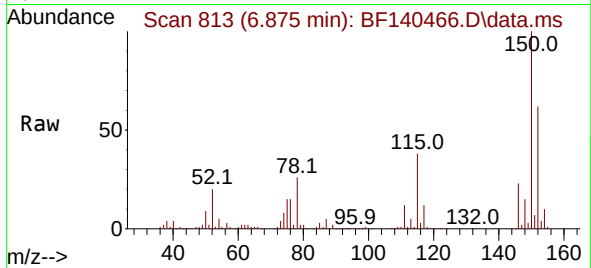




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

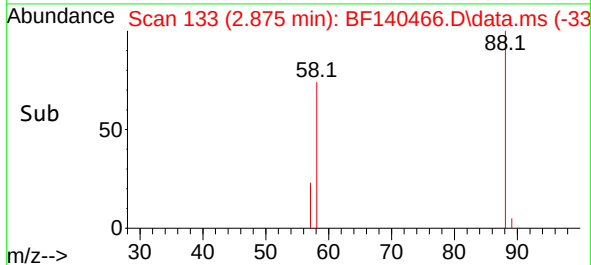
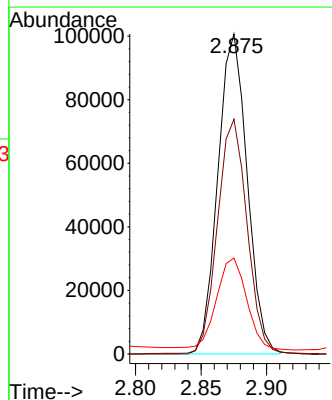
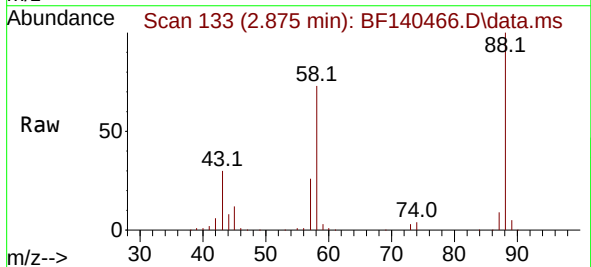
Instrument :
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TP-1MSD

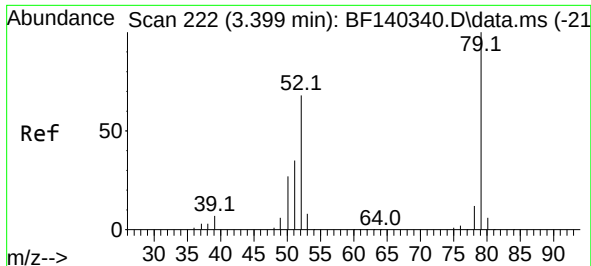
Tgt Ion:152 Resp: 147727
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.0
115 61.1 47.4 71.2



#2
1,4-Dioxane
Concen: 40.559 ng
RT: 2.875 min Scan# 133
Delta R.T. 0.241 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 88 Resp: 156406
Ion Ratio Lower Upper
88 100
58 74.0 59.5 89.3
43 0.0 23.4 35.2





#3

Pyridine

Concen: 32.216 ng

RT: 3.581 min Scan# 21

Delta R.T. 0.176 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

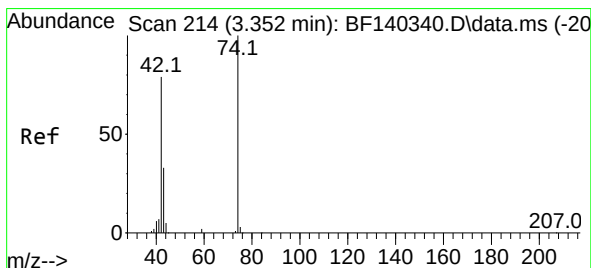
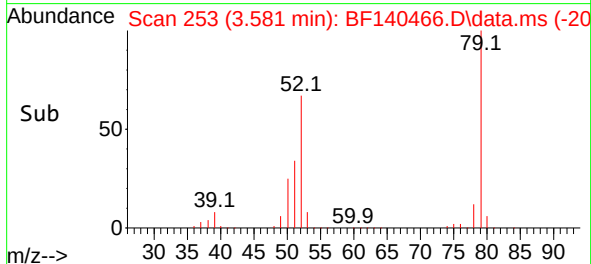
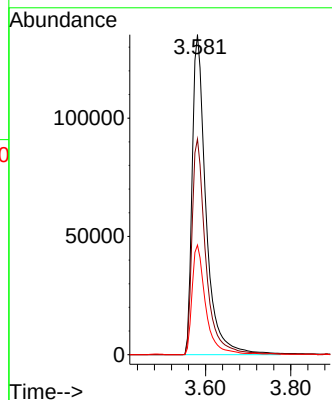
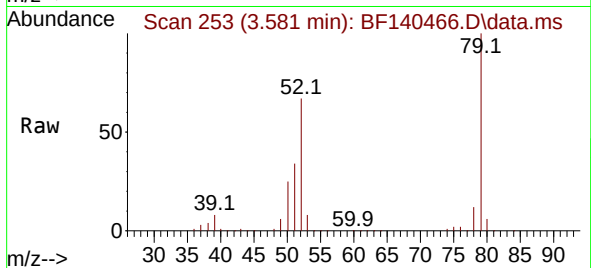
Tgt Ion: 79 Resp: 305420

Ion Ratio Lower Upper

79 100

52 67.4 53.8 80.6

51 34.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.833 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.159 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

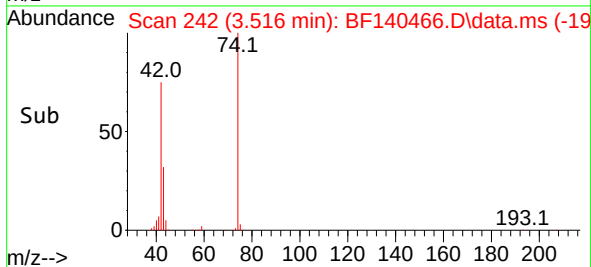
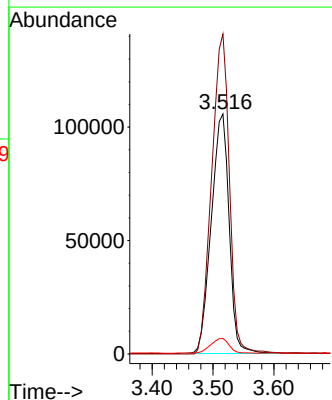
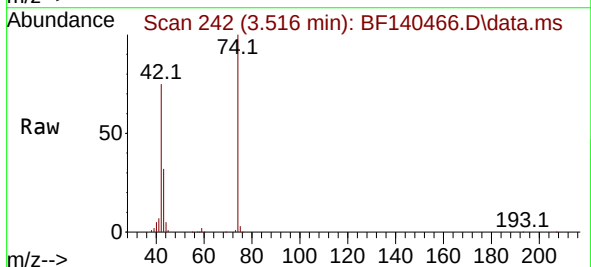
Tgt Ion: 42 Resp: 214816

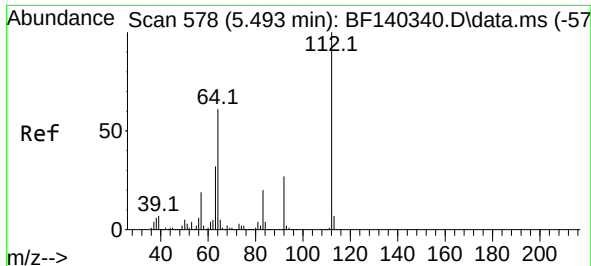
Ion Ratio Lower Upper

42 100

74 133.4 103.5 155.3

44 6.4 5.1 7.7

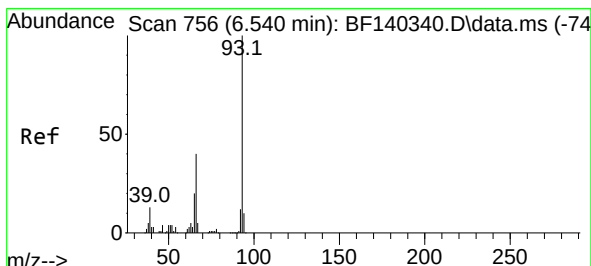
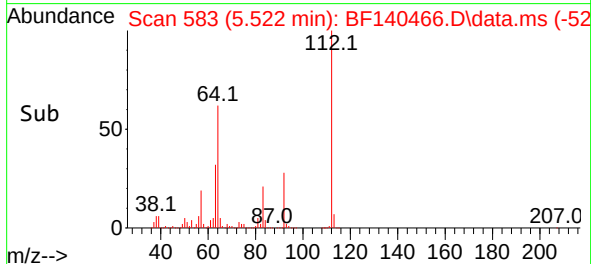
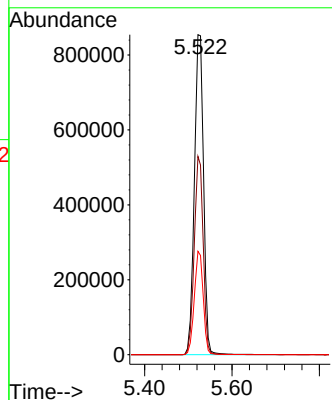
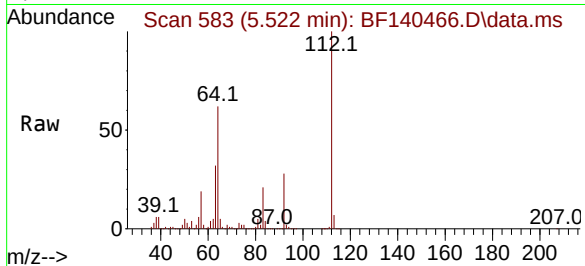




#5
2-Fluorophenol
Concen: 144.102 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

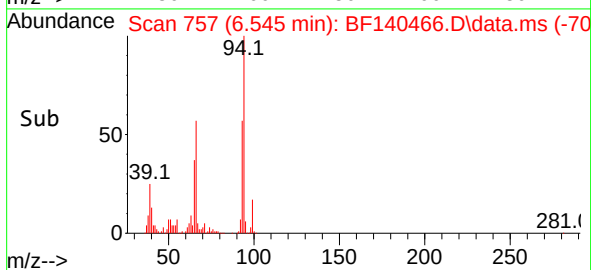
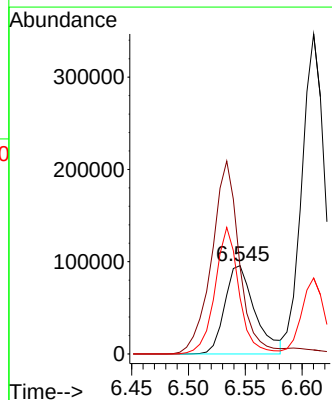
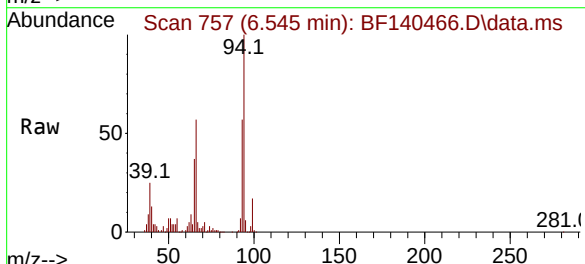
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

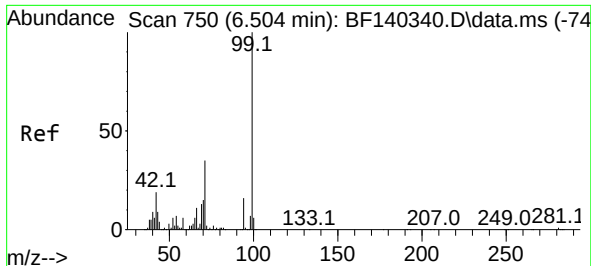
Tgt Ion:112 Resp: 1246803
Ion Ratio Lower Upper
112 100
64 62.0 49.2 73.8
63 32.3 25.6 38.4



#6
Aniline
Concen: 17.315 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 93 Resp: 176570
Ion Ratio Lower Upper
93 100
66 98.5 32.8 49.2#
65 63.6 16.6 25.0#





#7

Phenol-d6

Concen: 138.262 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.018 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

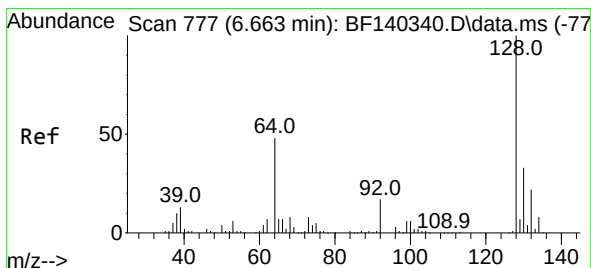
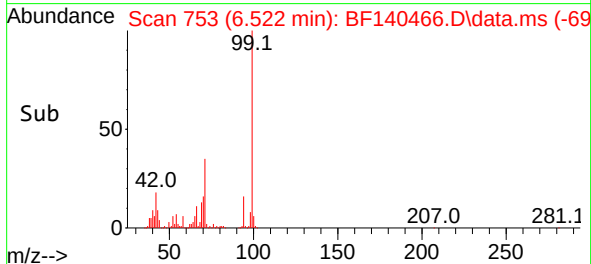
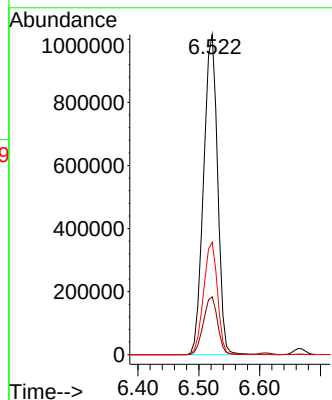
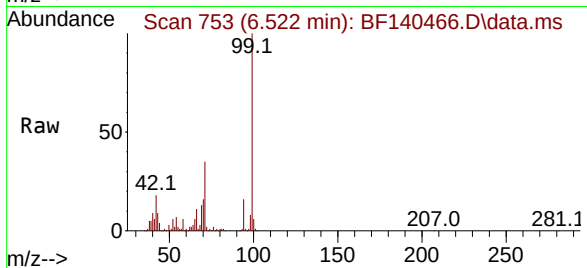
BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 99 Resp: 1620758

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.1	27.9	41.9



#8

2-Chlorophenol

Concen: 51.453 ng

RT: 6.663 min Scan# 777

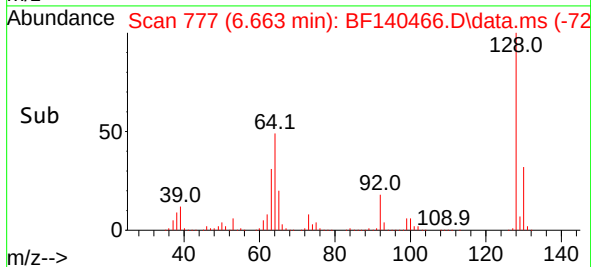
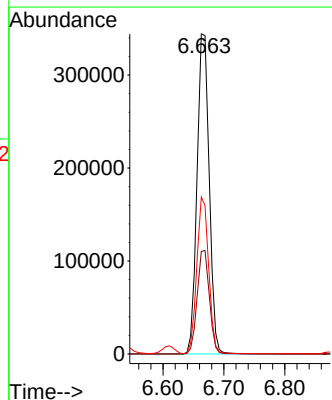
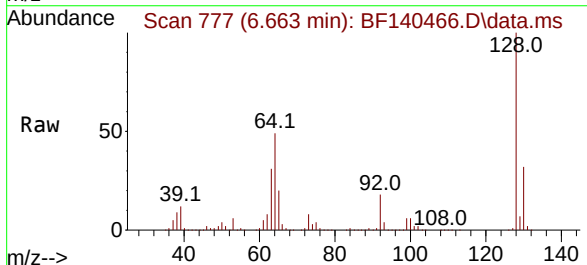
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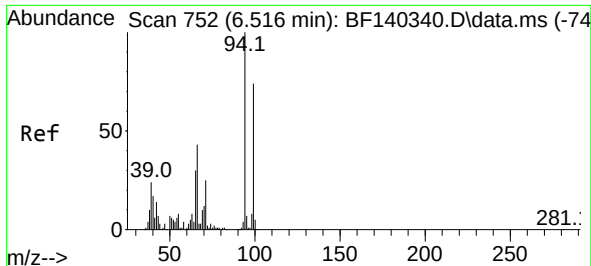
Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Tgt Ion:128 Resp: 478212

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	49.0	30.2	70.2

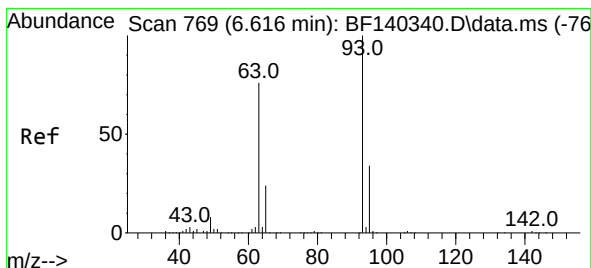
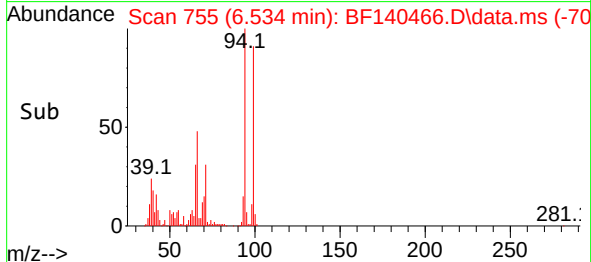
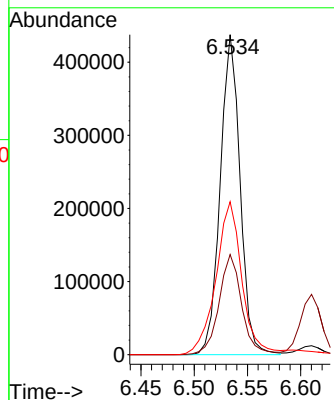
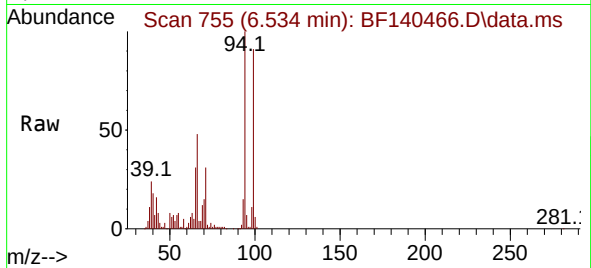




#10
Phenol
Concen: 45.819 ng
RT: 6.534 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

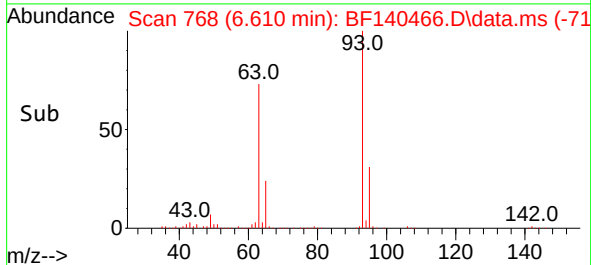
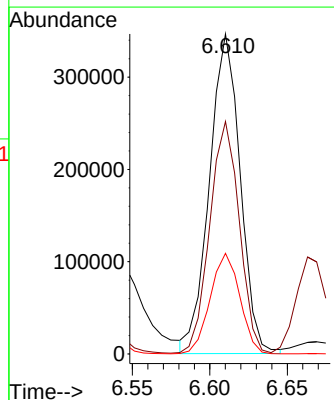
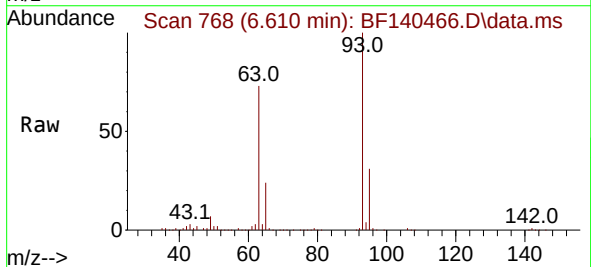
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

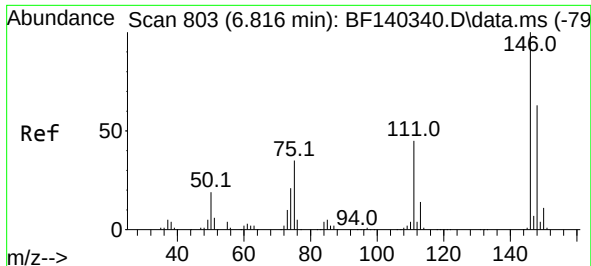
Tgt Ion: 94 Resp: 566421
Ion Ratio Lower Upper
94 100
65 31.3 10.4 50.4
66 47.8 22.9 62.9



#11
bis(2-Chloroethyl)ether
Concen: 51.090 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 93 Resp: 478552
Ion Ratio Lower Upper
93 100
63 72.7 54.0 94.0
95 31.4 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 40.575 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

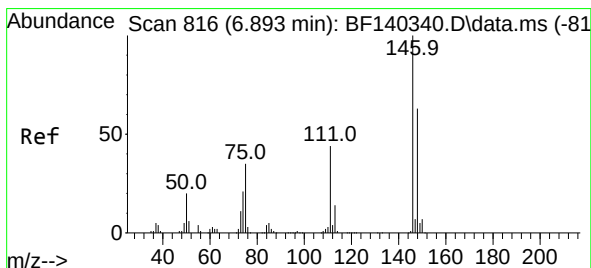
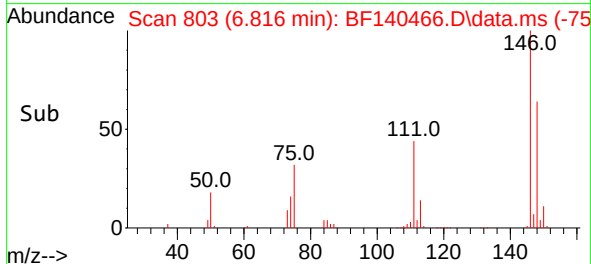
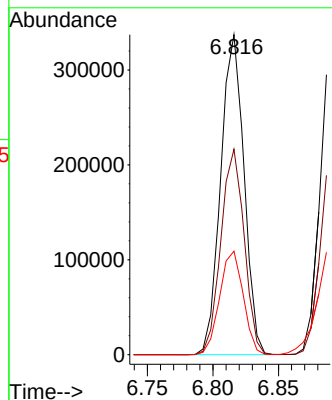
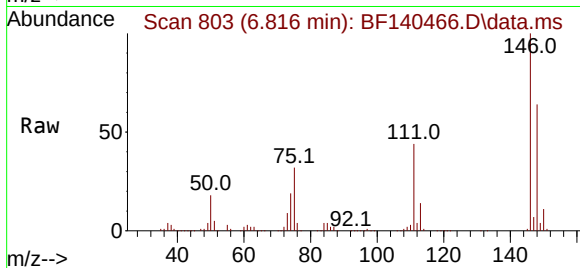
Tgt Ion:146 Resp: 416080

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

75 32.3 26.4 39.6



#13

1,4-Dichlorobenzene

Concen: 40.758 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

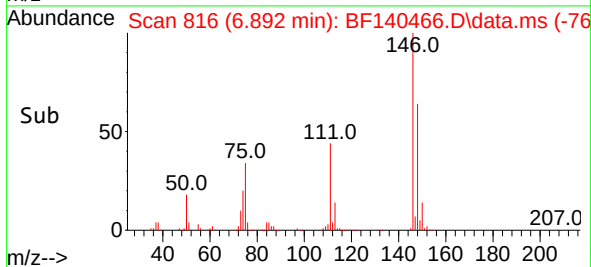
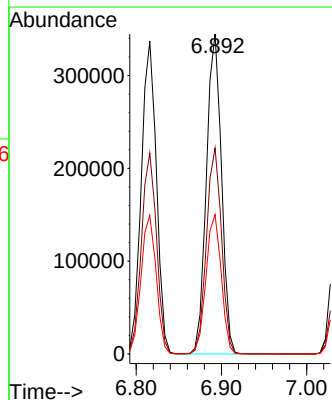
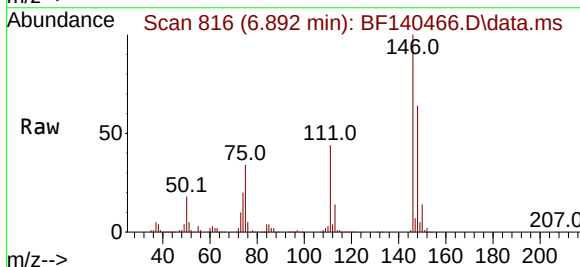
Tgt Ion:146 Resp: 423806

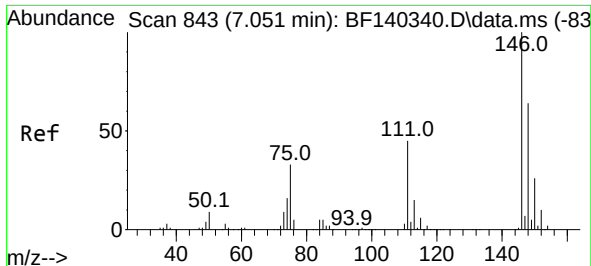
Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 43.6 34.2 51.2

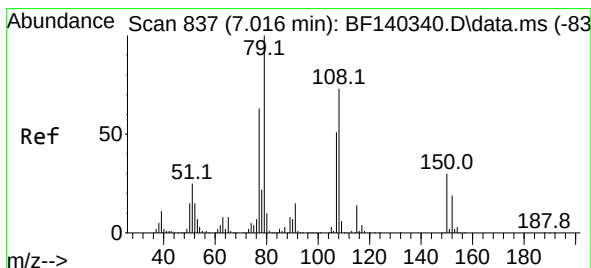
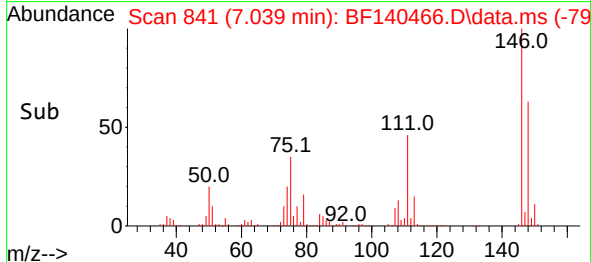
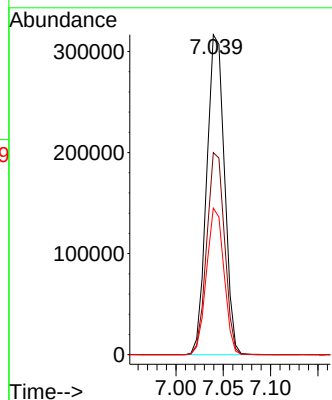
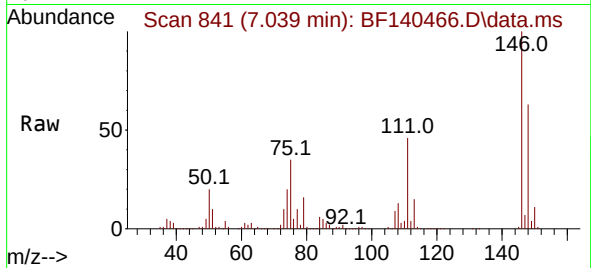




#14
1,2-Dichlorobenzene
Concen: 42.698 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

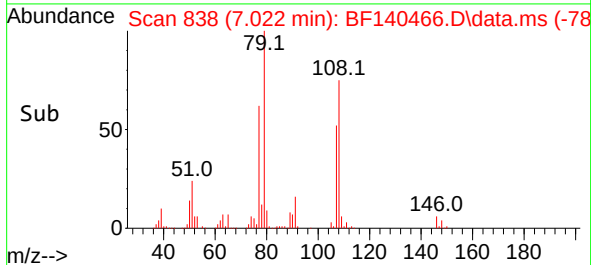
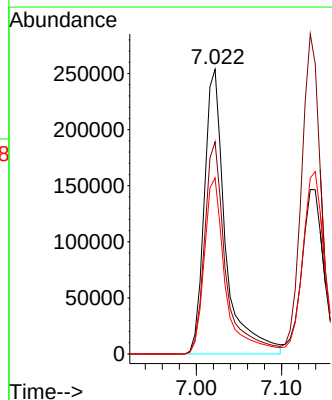
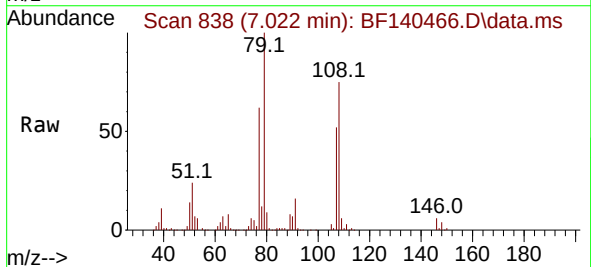
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

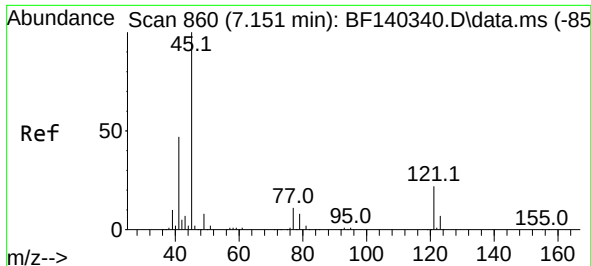
Tgt Ion:146 Resp: 412164
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 45.8 36.5 54.7



#15
Benzyl Alcohol
Concen: 51.942 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 79 Resp: 438680
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 61.8 49.8 74.6

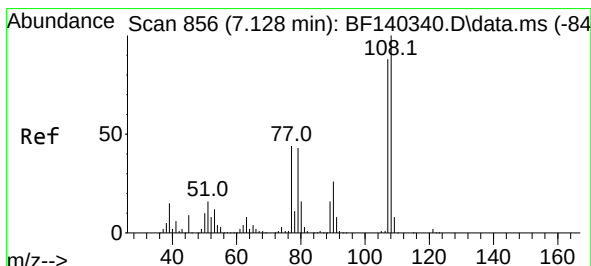
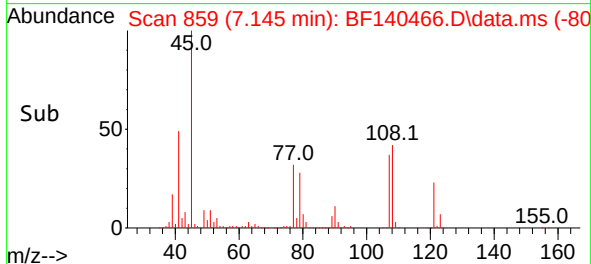
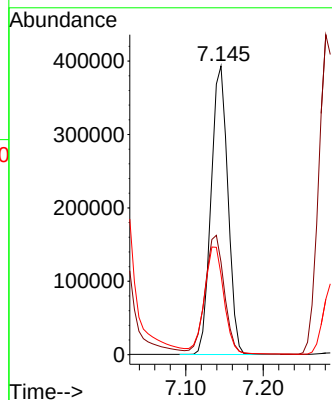
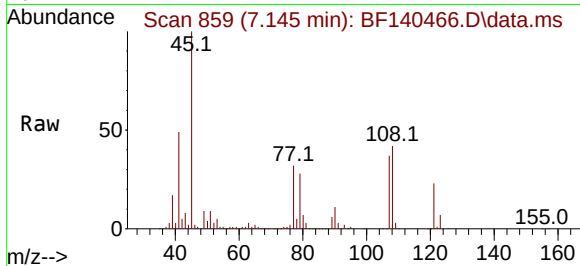




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.607 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

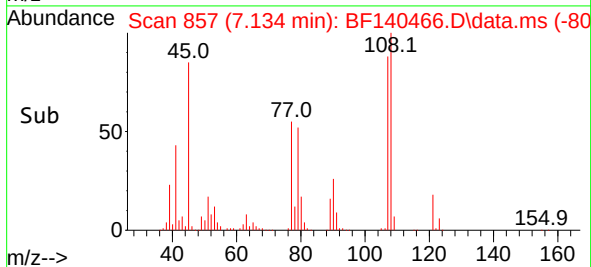
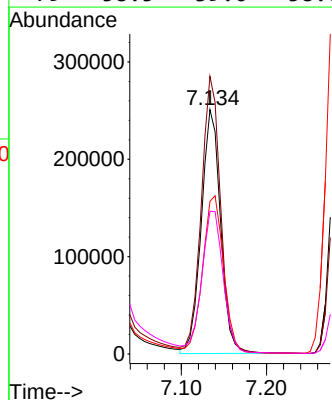
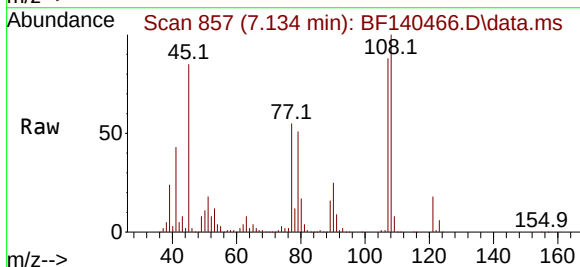
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BNA_F
ClientSampleId :
TP-1MSD

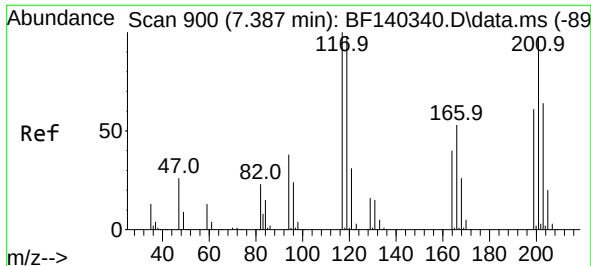
Tgt Ion: 45 Resp: 590071
Ion Ratio Lower Upper
45 100
77 32.1 0.0 34.8
79 27.8 0.0 31.4



#17
2-Methylphenol
Concen: 51.418 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

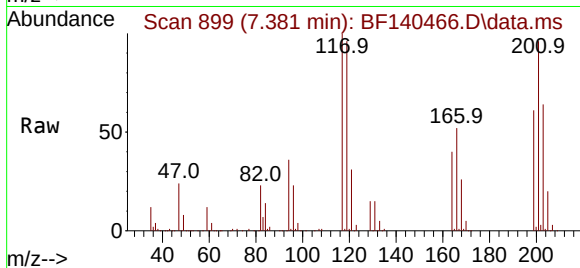
Tgt Ion:107 Resp: 393128
Ion Ratio Lower Upper
107 100
108 113.7 91.9 137.9
77 62.5 39.7 59.5#
79 58.5 39.0 58.6



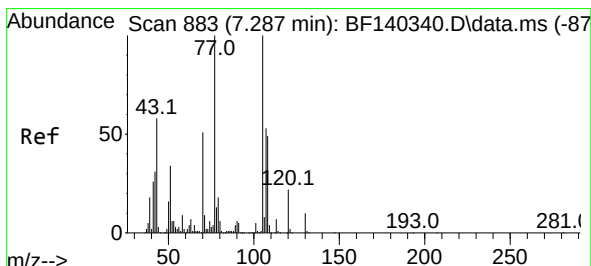
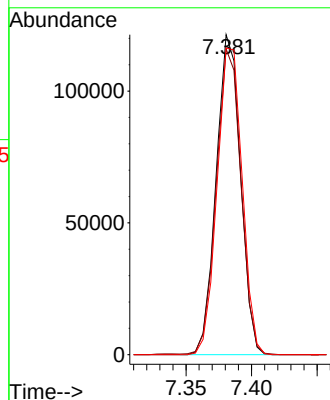
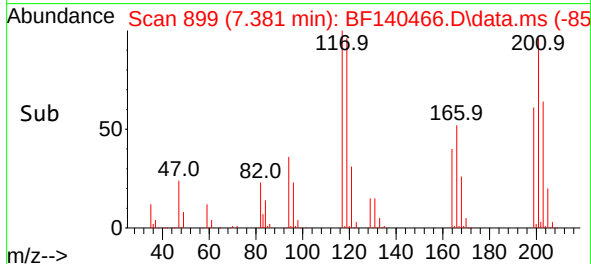


#18
Hexachloroethane
Concen: 40.711 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

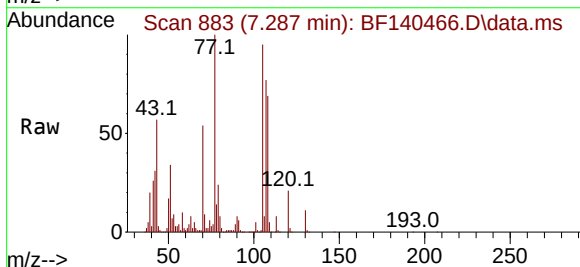
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



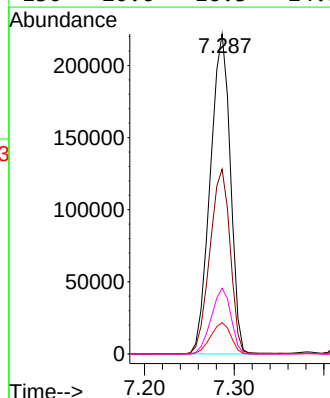
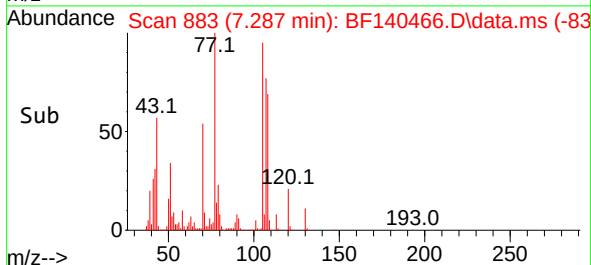
Tgt Ion:117 Resp: 156492
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
201 95.8 80.2 120.4

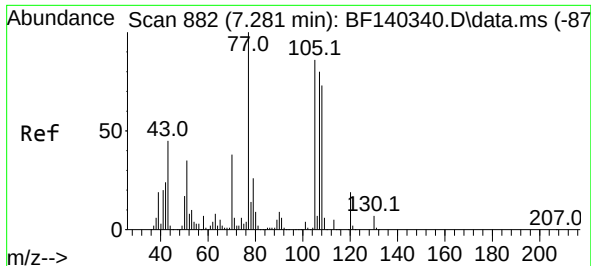


#19
n-Nitroso-di-n-propylamine
Concen: 48.667 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02



Tgt Ion: 70 Resp: 344554
Ion Ratio Lower Upper
70 100
42 57.8 46.8 70.2
101 9.8 7.5 11.3
130 20.6 16.3 24.5

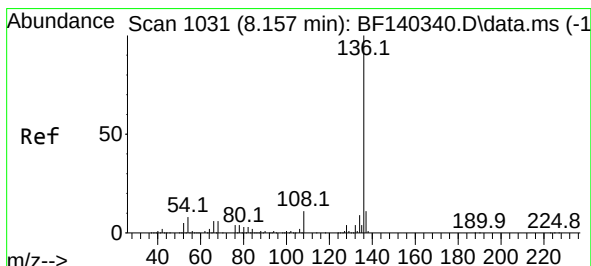
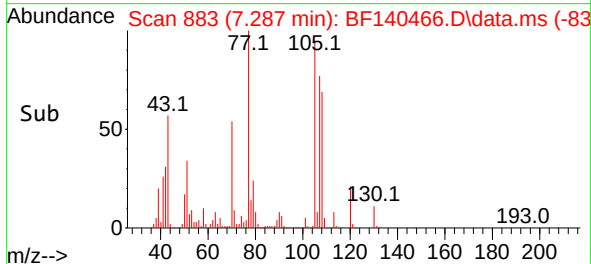
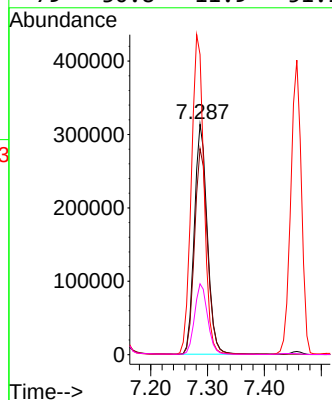
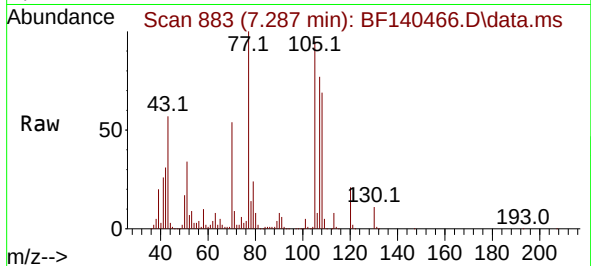




#20
3+4-Methylphenols
Concen: 52.012 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

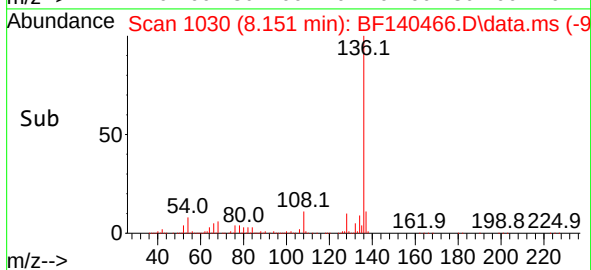
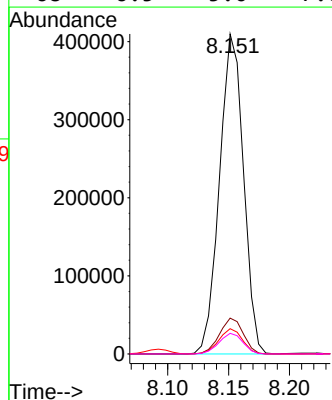
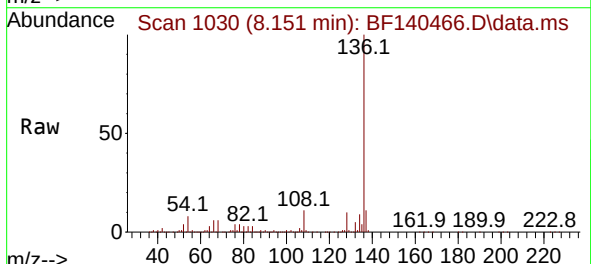
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

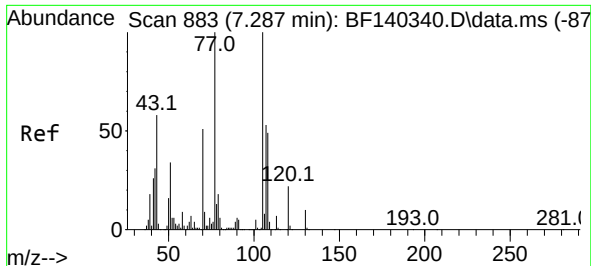
Tgt Ion:	107	Resp:	497318
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	130.2	97.0	137.0
79	30.8	11.9	51.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:	136	Resp:	561678
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	6.5	9.7
68	6.5	5.0	7.6

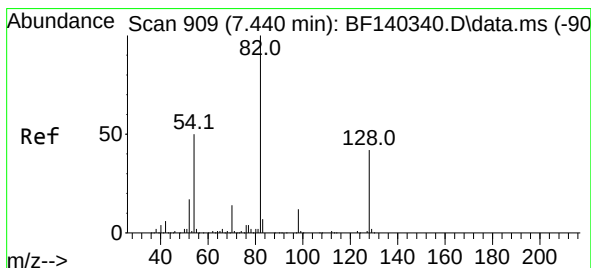
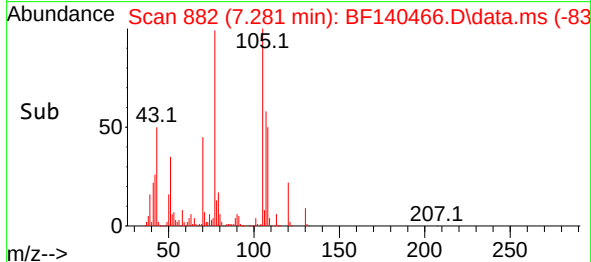
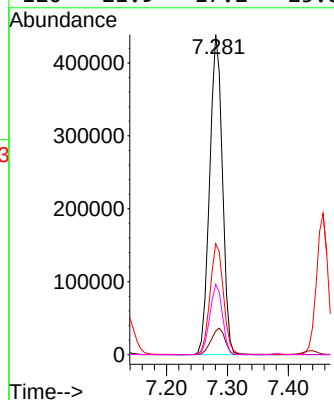
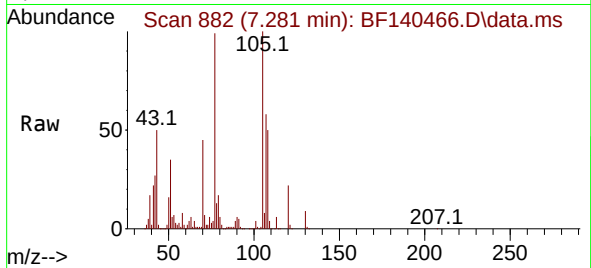




#22
Acetophenone
Concen: 48.877 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

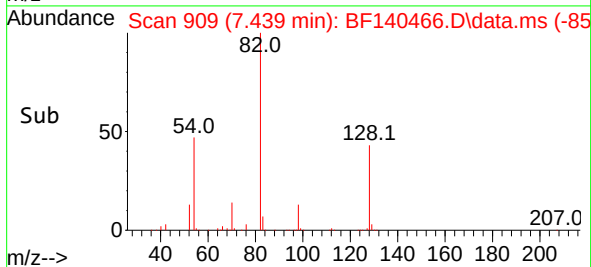
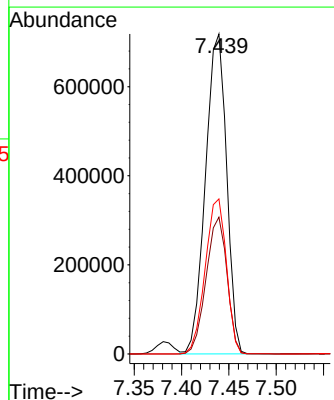
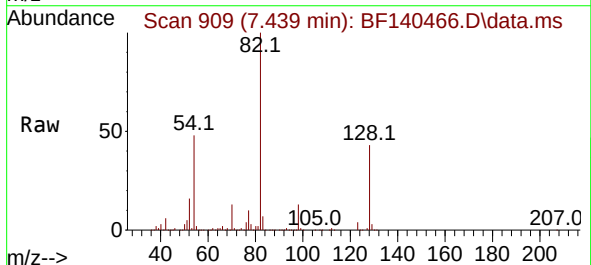
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

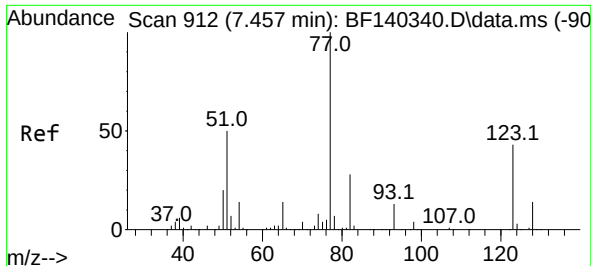
Tgt Ion:105 Resp: 638503
Ion Ratio Lower Upper
105 100
71 7.4 6.9 10.3
51 34.6 28.6 43.0
120 21.9 17.2 25.8



#23
Nitrobenzene-d5
Concen: 103.596 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 82 Resp: 1116789
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 48.4 39.8 59.8

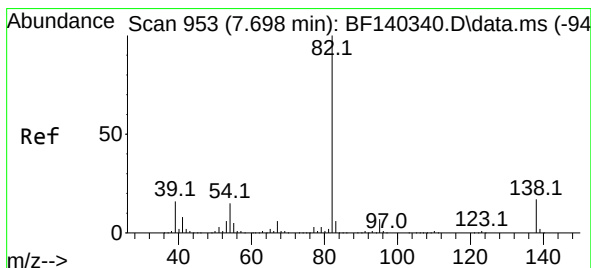
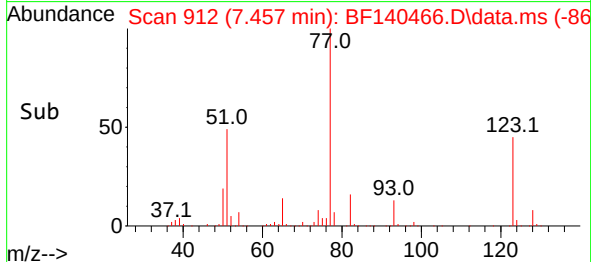
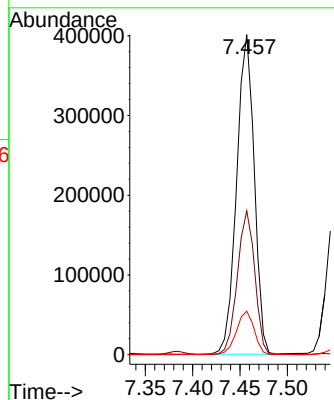
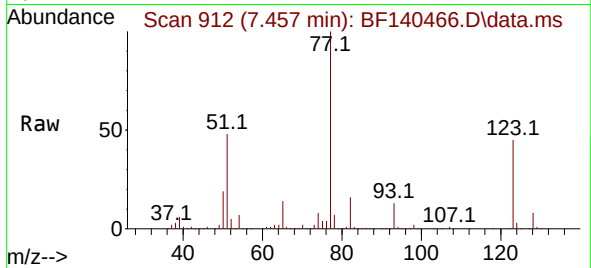




#24
Nitrobenzene
Concen: 46.162 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

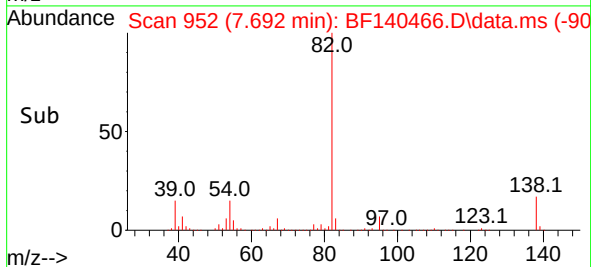
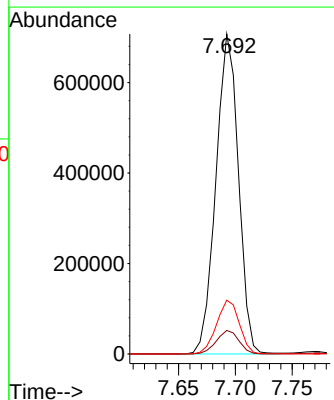
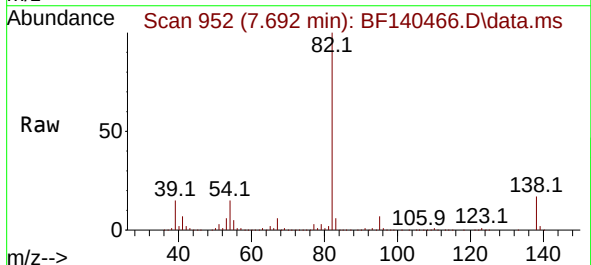
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

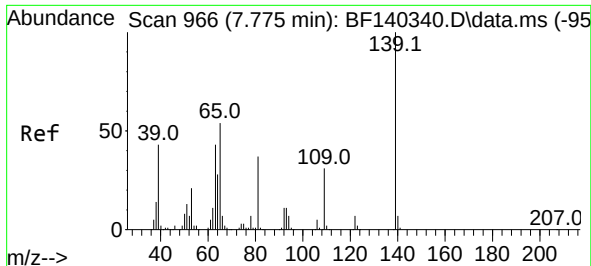
Tgt Ion: 77 Resp: 518128
Ion Ratio Lower Upper
77 100
123 45.0 35.4 53.0
65 13.6 11.1 16.7



#25
Isophorone
Concen: 51.144 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 82 Resp: 977146
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.8 13.4 20.2

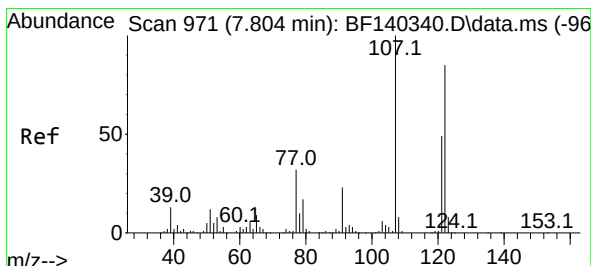
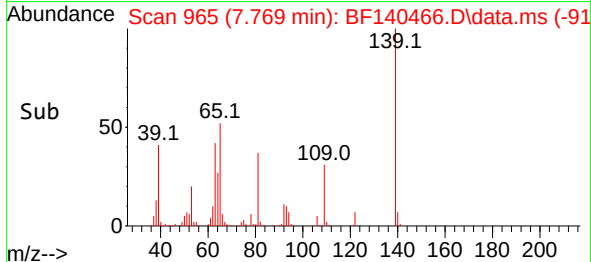
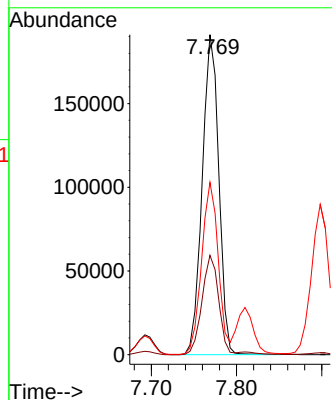
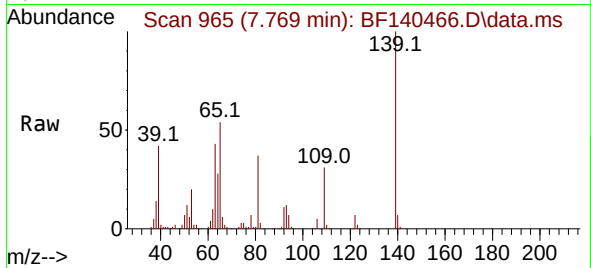




#26
2-Nitrophenol
Concen: 51.938 ng
RT: 7.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

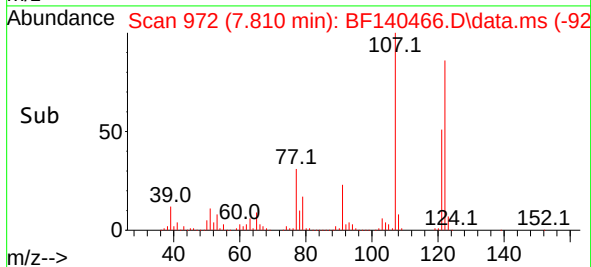
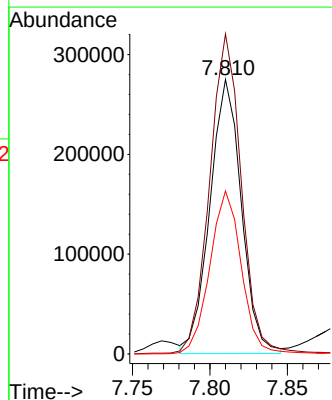
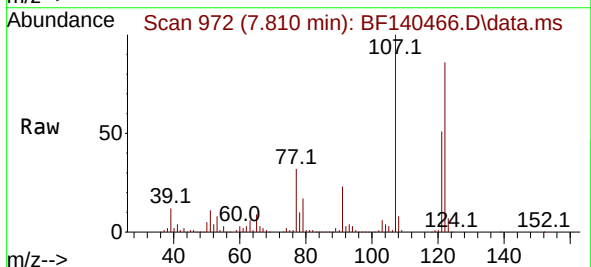
Instrument :
BNA_F
ClientSampleId :
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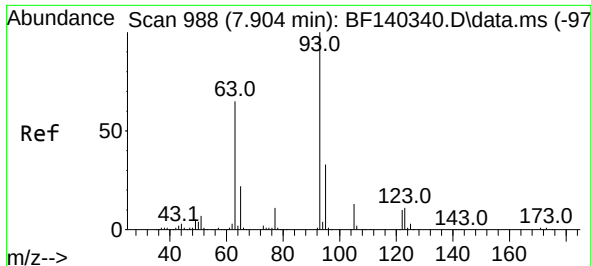
Tgt Ion:139 Resp: 258689
Ion Ratio Lower Upper
139 100
109 31.0 24.4 36.6
65 53.9 42.8 64.2



#27
2,4-Dimethylphenol
Concen: 60.746 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:122 Resp: 387358
Ion Ratio Lower Upper
122 100
107 116.6 91.3 136.9
121 59.4 45.5 68.3

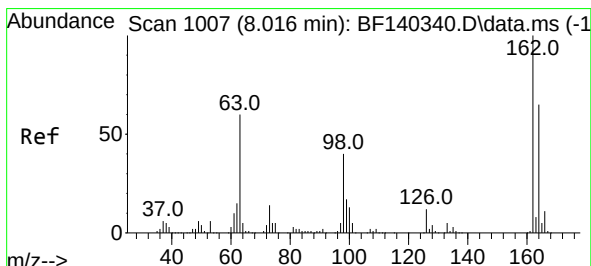
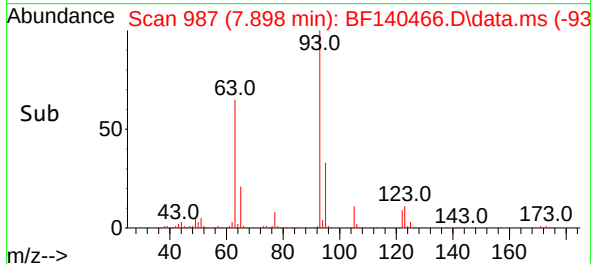
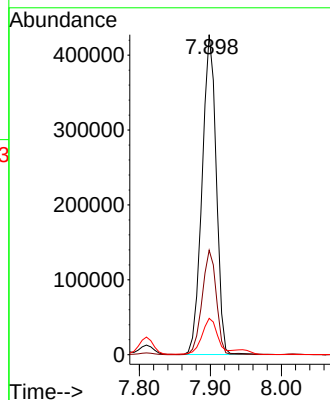
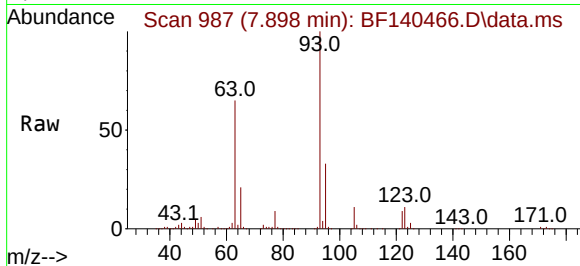




#28
bis(2-Chloroethoxy)methane
Concen: 50.712 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

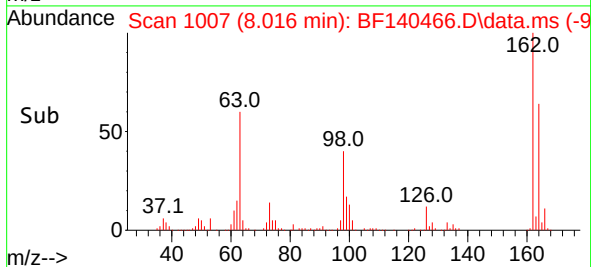
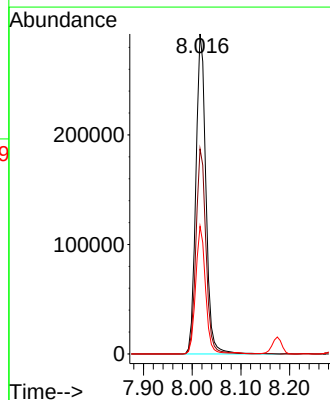
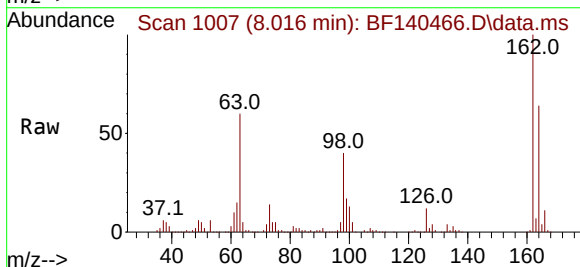
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

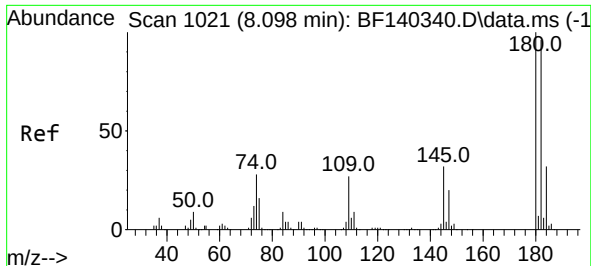
Tgt Ion: 93 Resp: 594099
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.4 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 53.533 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

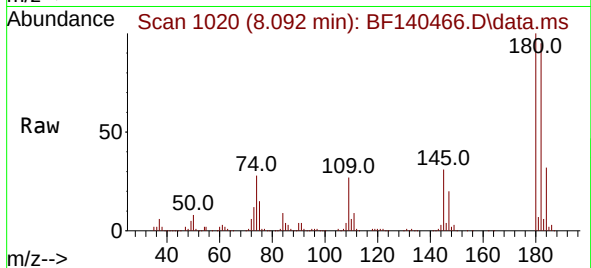
Tgt Ion:162 Resp: 421874
Ion Ratio Lower Upper
162 100
164 64.1 45.4 85.4
98 39.9 19.9 59.9



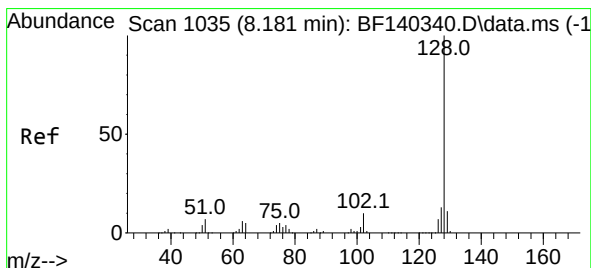
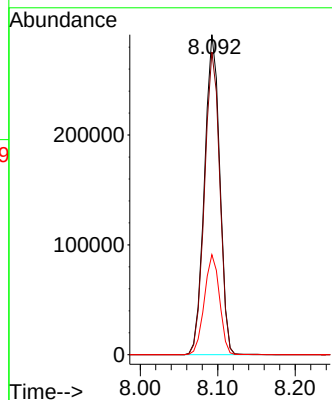
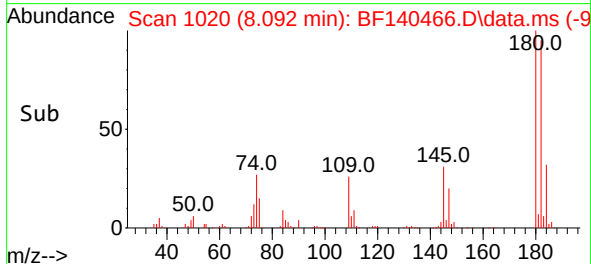


#30
1,2,4-Trichlorobenzene
Concen: 45.489 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

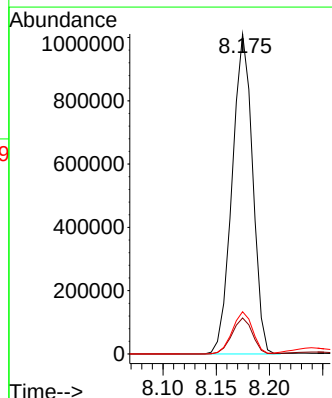
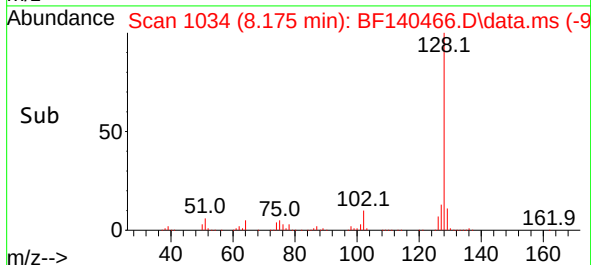
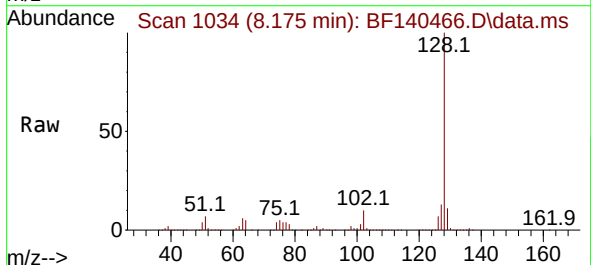


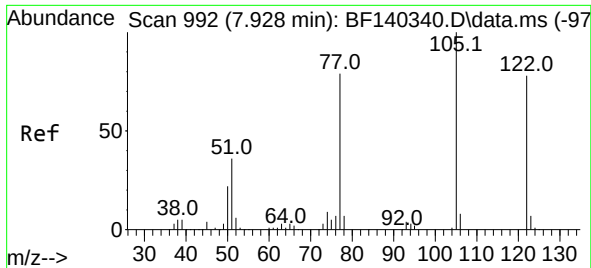
Tgt Ion:180 Resp: 399116
Ion Ratio Lower Upper
180 100
182 94.6 76.5 114.7
145 31.3 25.3 37.9



#31
Naphthalene
Concen: 47.470 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:128 Resp: 1352554
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8

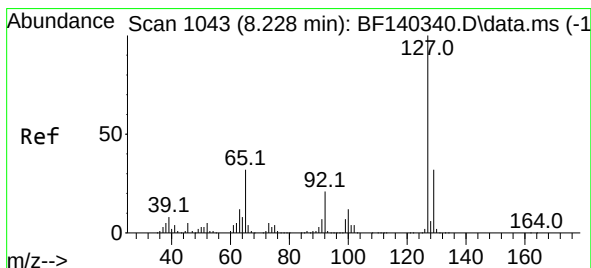
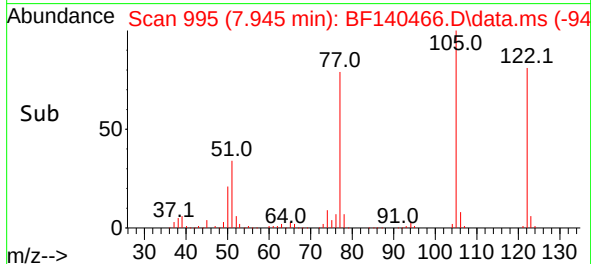
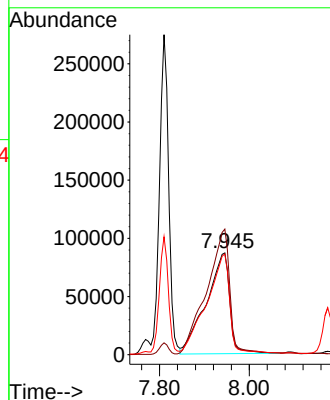
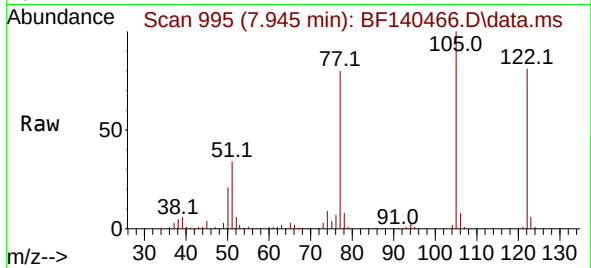




#32
Benzoic acid
Concen: 56.398 ng
RT: 7.945 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

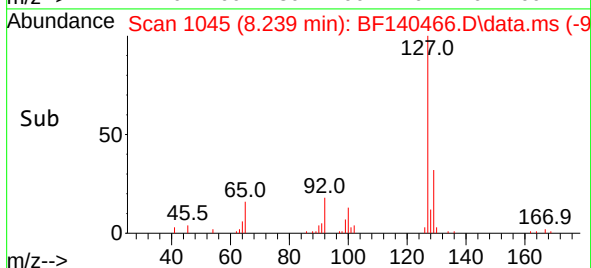
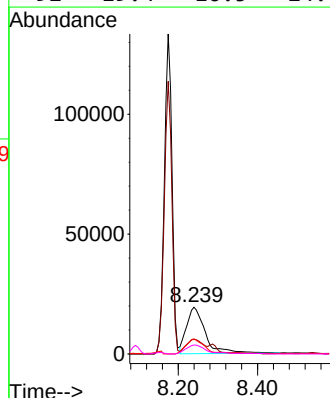
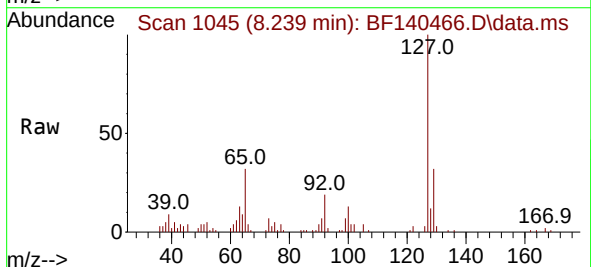
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

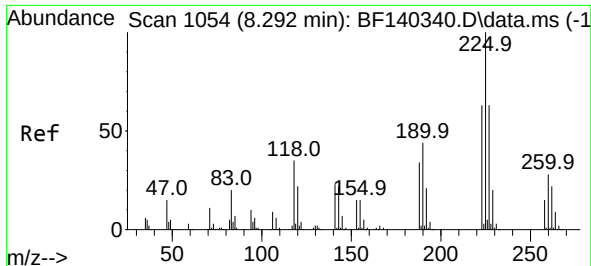
Tgt Ion:122 Resp: 316452
Ion Ratio Lower Upper
122 100
105 123.4 100.9 140.9
77 99.0 76.0 116.0



#33
4-Chloroaniline
Concen: 6.421 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:127 Resp: 63627
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4
65 32.1 25.8 38.6
92 19.4 16.5 24.7

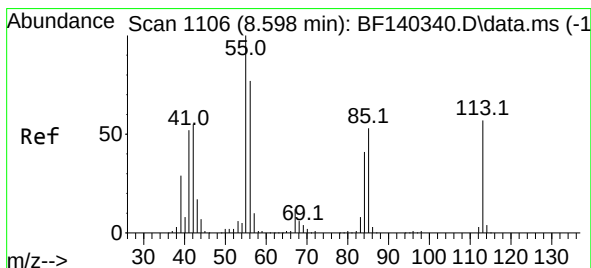
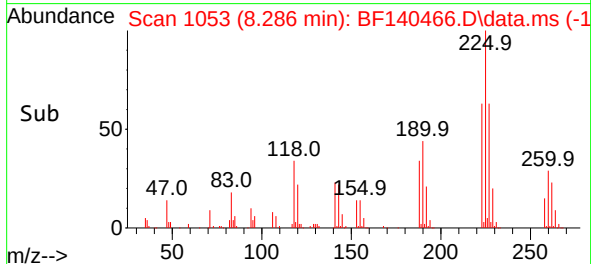
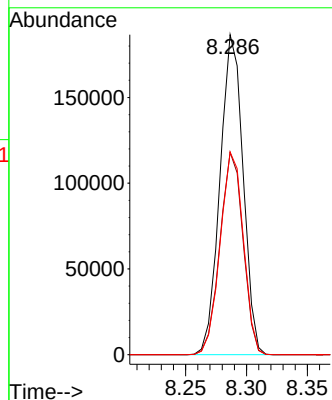
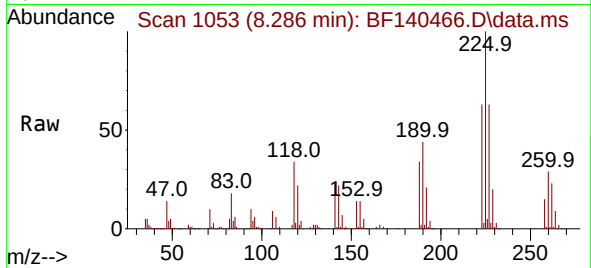




#34
Hexachlorobutadiene
Concen: 44.095 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

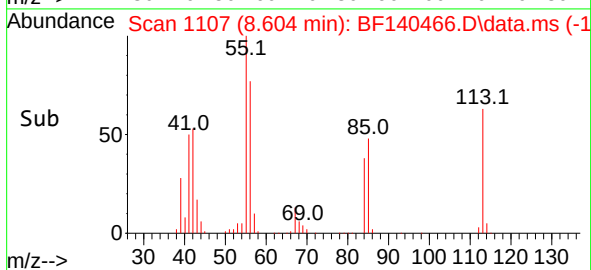
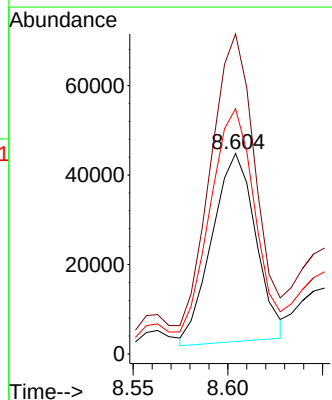
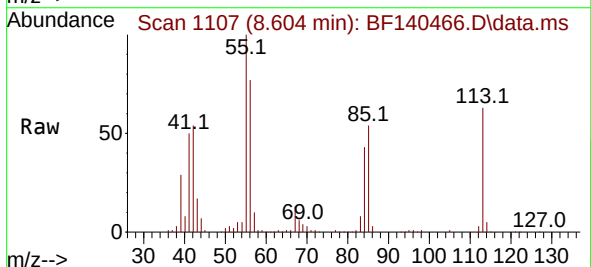
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

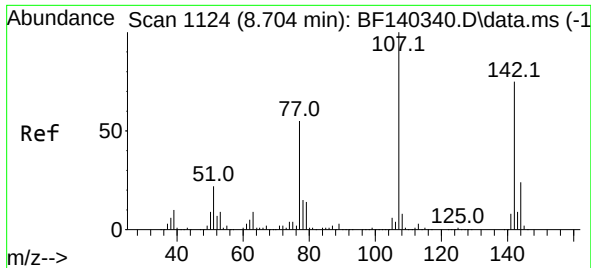
Tgt Ion:225 Resp: 246499
Ion Ratio Lower Upper
225 100
223 63.3 50.1 75.1
227 63.3 51.3 76.9



#35
Caprolactam
Concen: 25.906 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:113 Resp: 67856
Ion Ratio Lower Upper
113 100
55 159.7 150.0 190.0
56 122.4 111.1 151.1

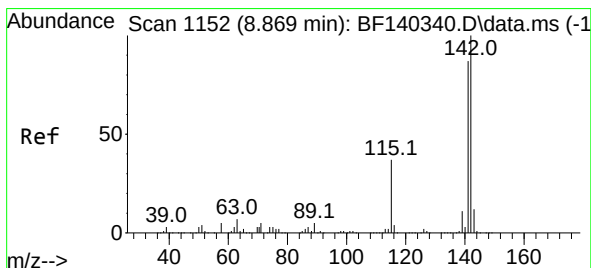
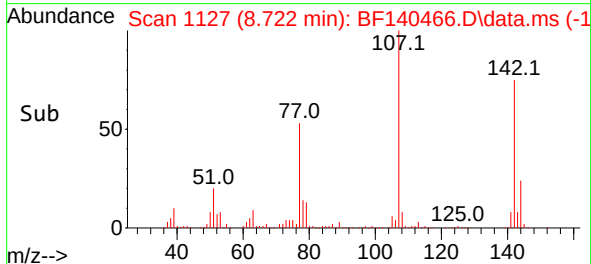
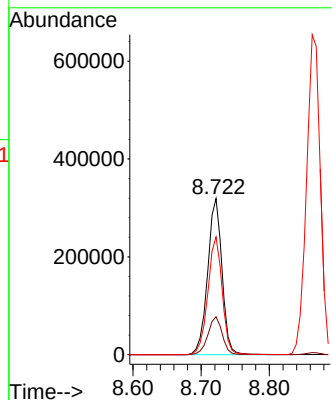
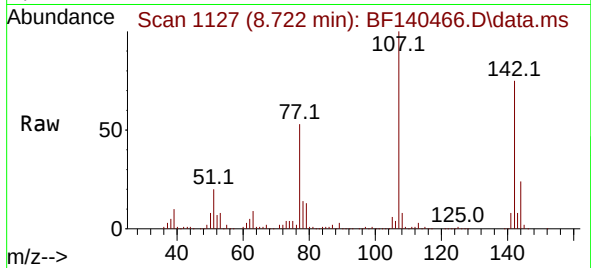




#36
4-Chloro-3-methylphenol
Concen: 53.681 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

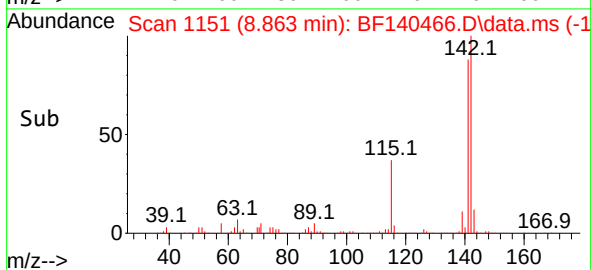
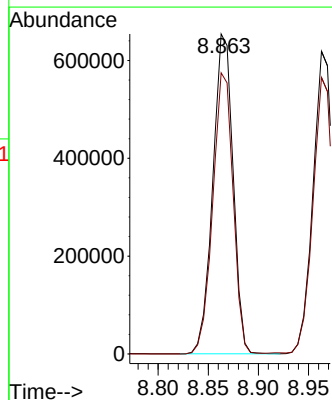
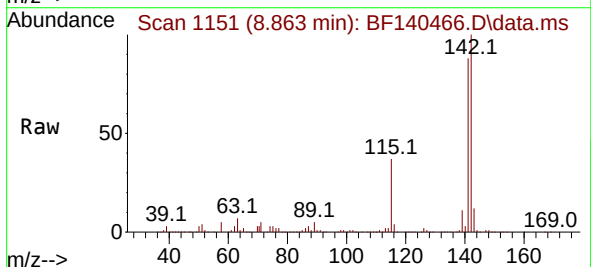
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

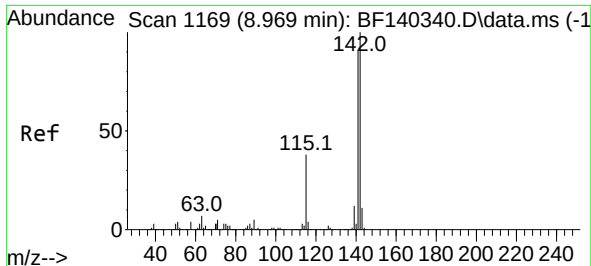
Tgt Ion:107 Resp: 468813
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 75.4 59.4 89.0



#37
2-Methylnaphthalene
Concen: 50.248 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:142 Resp: 918042
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6

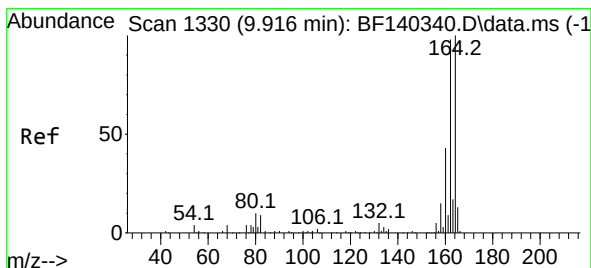
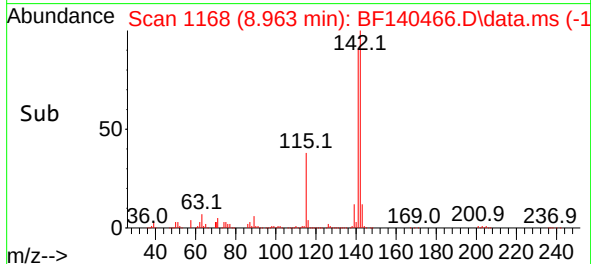
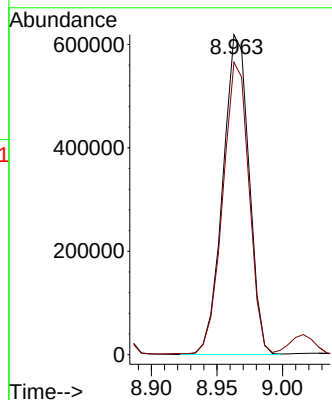
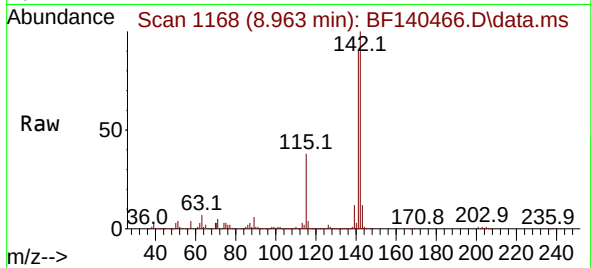




#38
1-Methylnaphthalene
Concen: 48.014 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

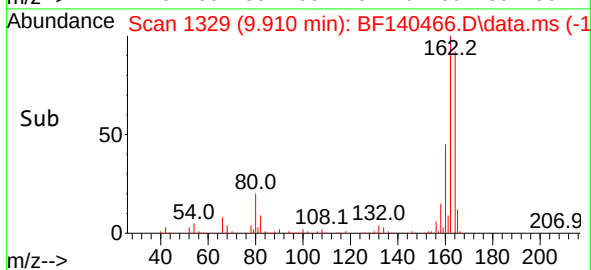
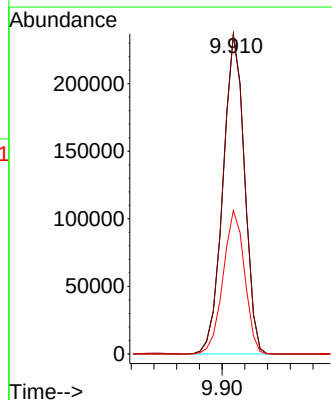
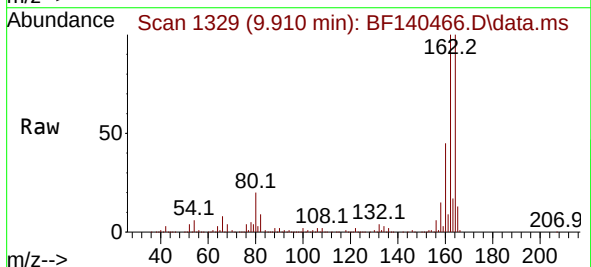
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

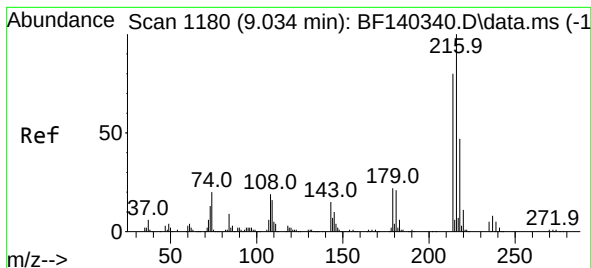
Tgt Ion:142 Resp: 859009
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:164 Resp: 311833
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 44.8 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.878 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:216 Resp: 430105

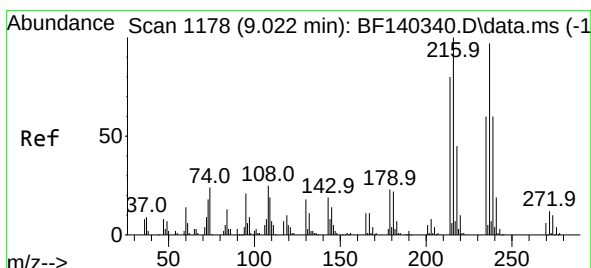
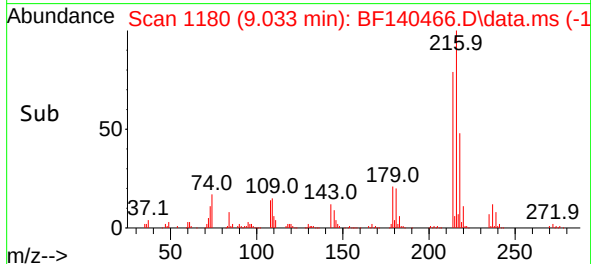
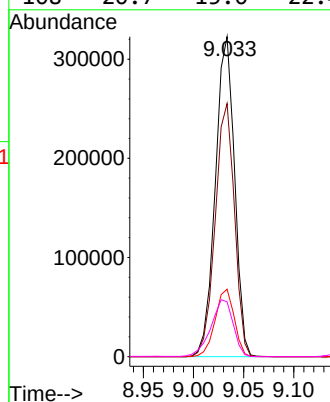
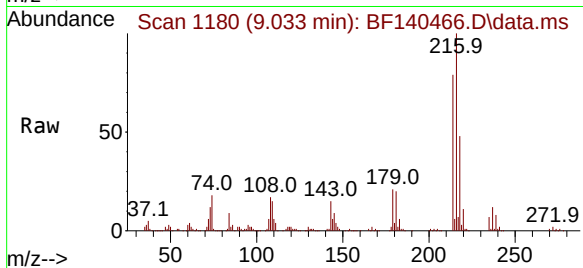
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 21.0 17.2 25.8

108 20.7 15.0 22.4



#41

Hexachlorocyclopentadiene

Concen: 191.156 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

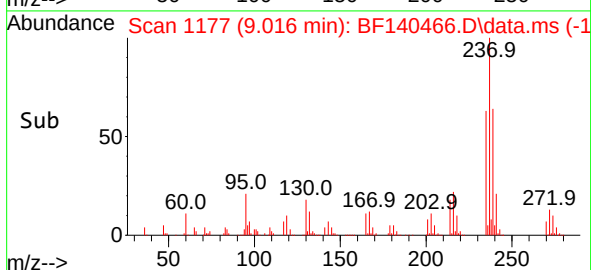
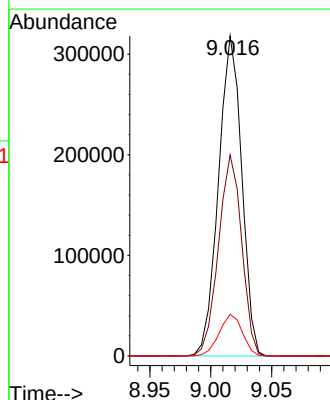
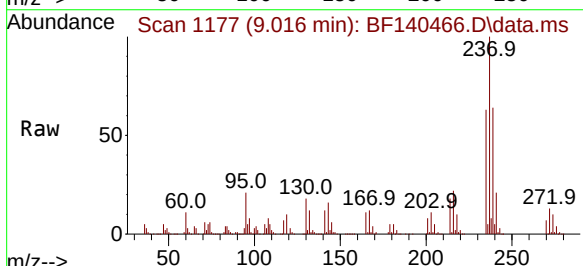
Tgt Ion:237 Resp: 423227

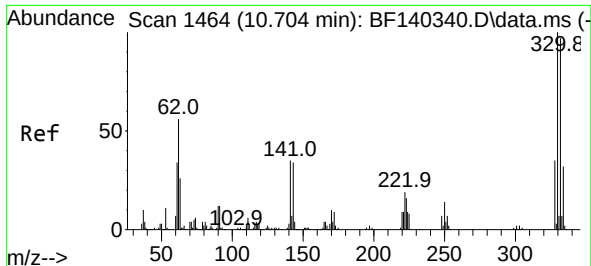
Ion Ratio Lower Upper

237 100

235 62.8 42.8 82.8

272 13.0 0.0 33.1





#42

2,4,6-Tribromophenol

Concen: 158.885 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

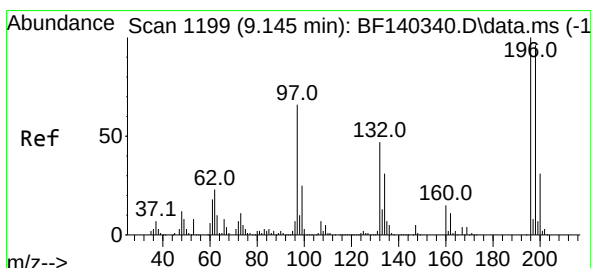
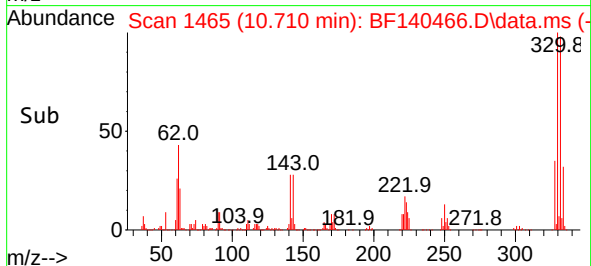
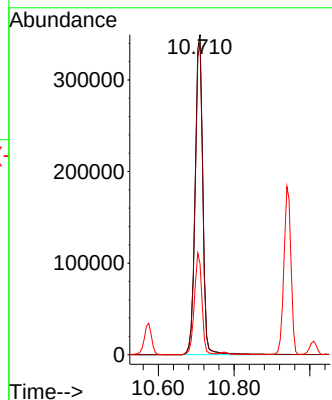
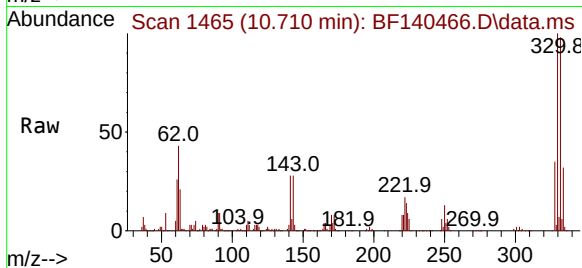
Tgt Ion:330 Resp: 492692

Ion Ratio Lower Upper

330 100

332 97.0 75.9 113.9

141 31.1 26.9 40.3



#43

2,4,6-Trichlorophenol

Concen: 54.594 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

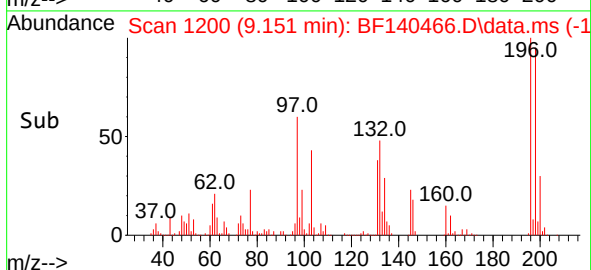
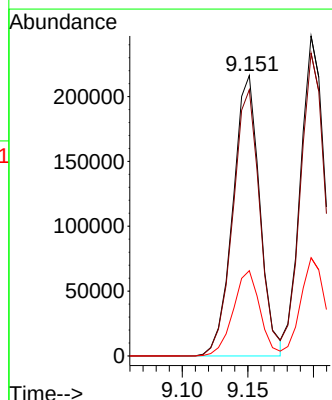
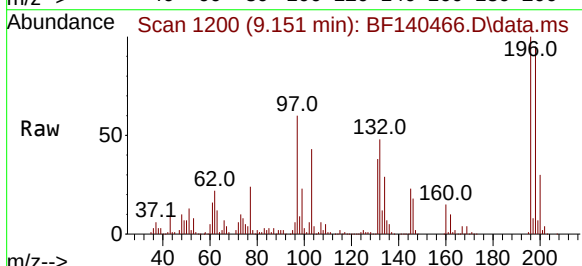
Tgt Ion:196 Resp: 308950

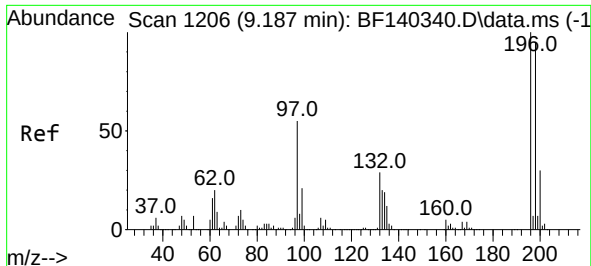
Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.4

200 30.4 24.2 36.4



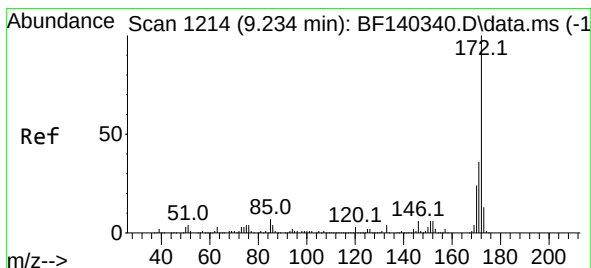
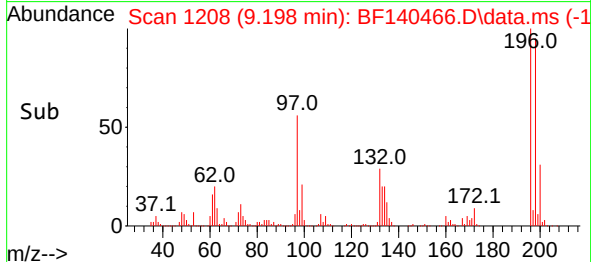
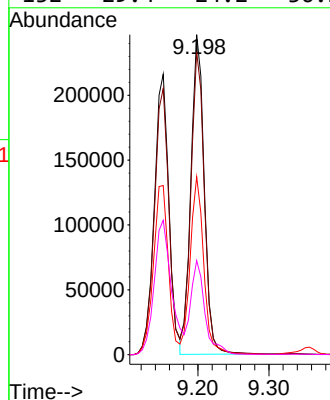
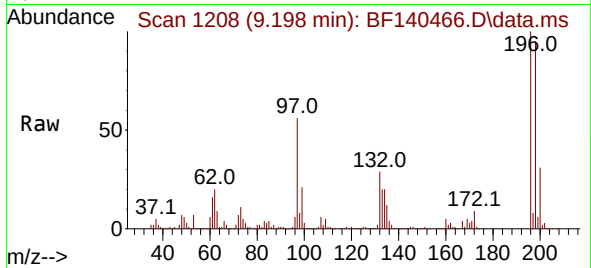


#44
2,4,5-Trichlorophenol
Concen: 52.333 ng
RT: 9.198 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:196 Resp: 323796

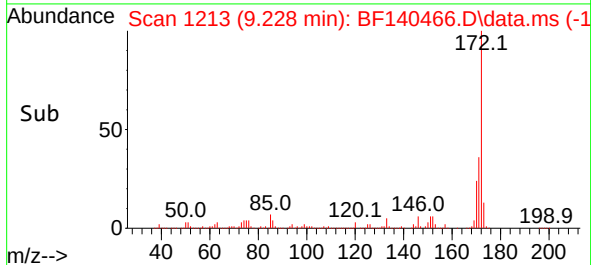
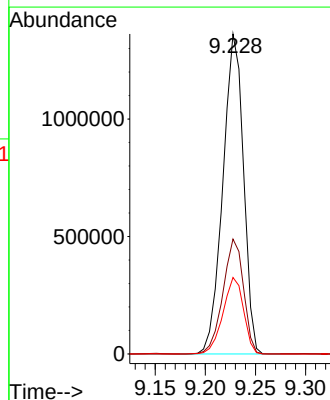
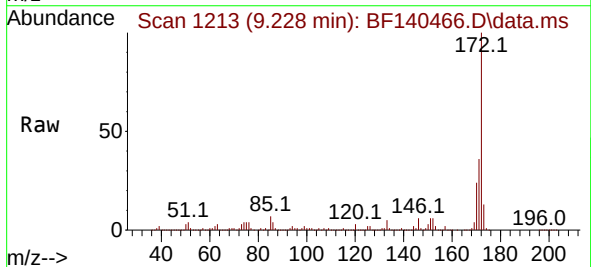
Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.6	116.4
97	55.6	45.4	68.2
132	29.4	24.2	36.2

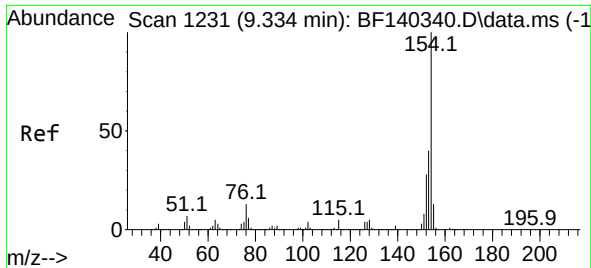


#45
2-Fluorobiphenyl
Concen: 100.359 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:172 Resp: 1946766

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.9	19.1	28.7

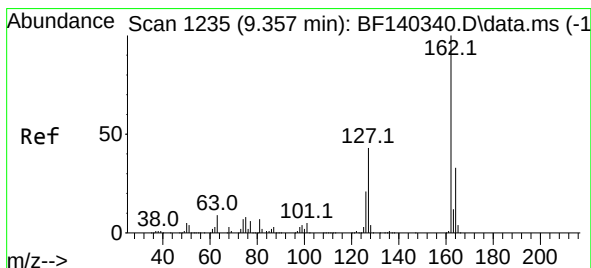
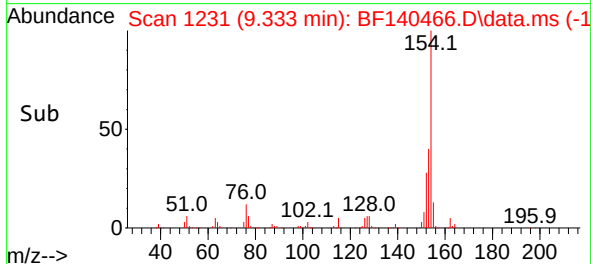
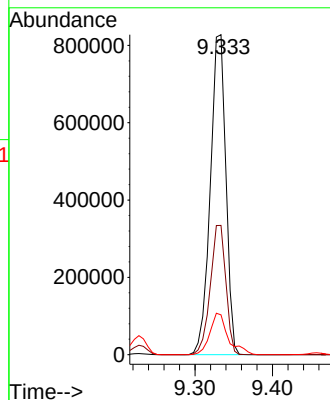
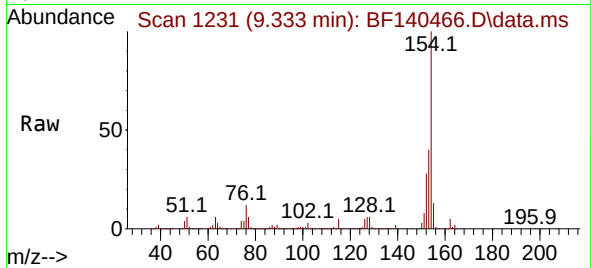




#46
1,1'-Biphenyl
Concen: 50.890 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

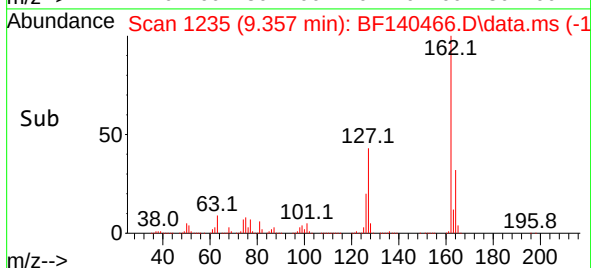
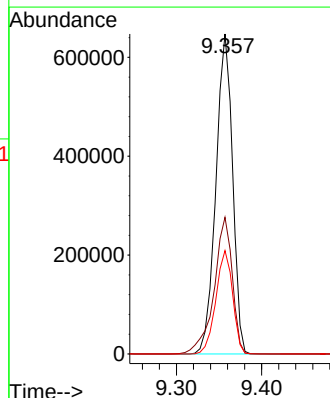
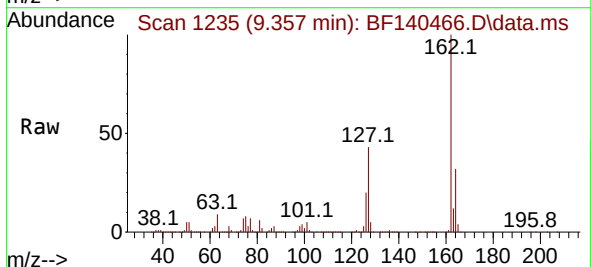
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

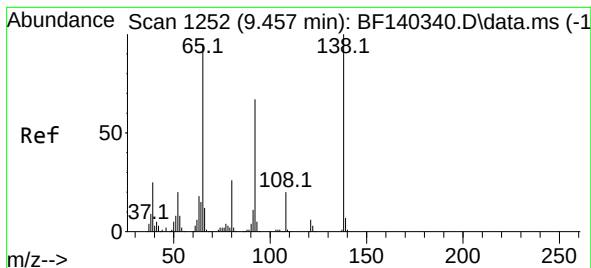
Tgt Ion:154 Resp: 1154477
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 12.4 0.0 32.9



#47
2-Chloronaphthalene
Concen: 50.844 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:162 Resp: 878650
Ion Ratio Lower Upper
162 100
127 42.7 34.0 51.0
164 32.3 26.5 39.7





#48

2-Nitroaniline

Concen: 51.902 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

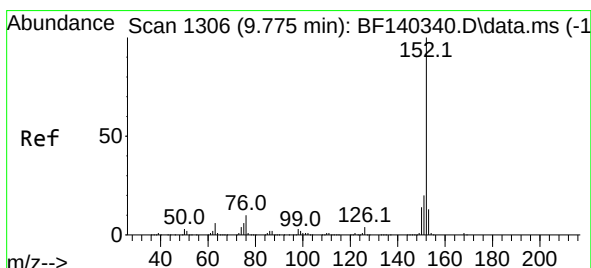
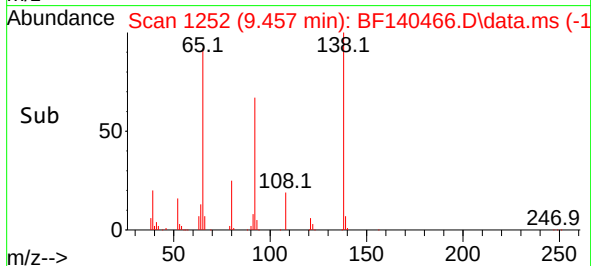
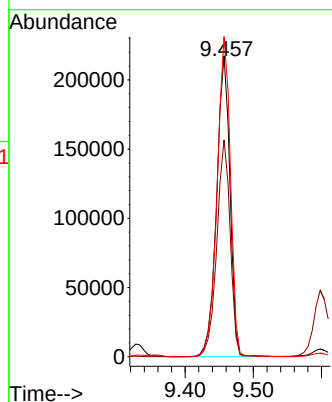
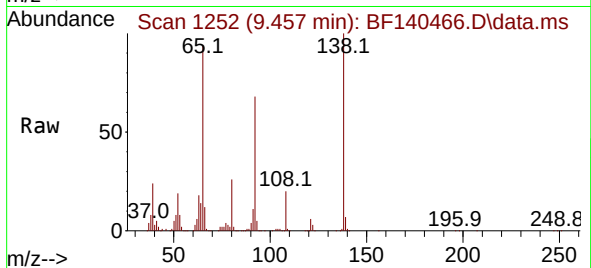
Tgt Ion: 65 Resp: 297459

Ion Ratio Lower Upper

65 100

92 72.0 56.4 84.6

138 106.3 84.8 127.2



#49

Acenaphthylene

Concen: 55.138 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

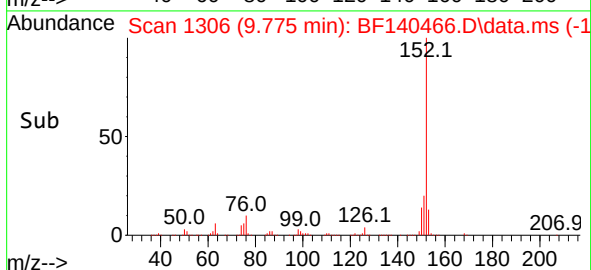
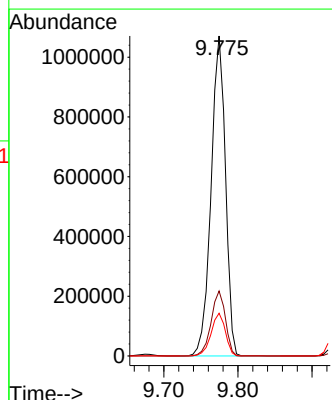
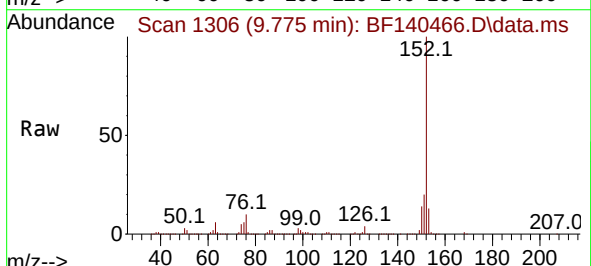
Tgt Ion: 152 Resp: 1441643

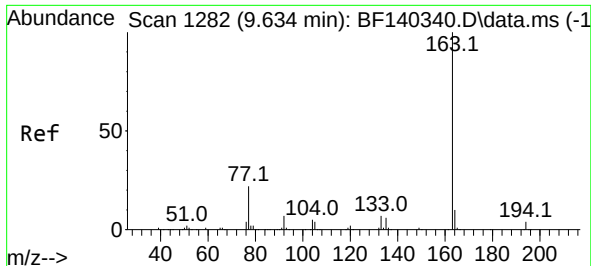
Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.3 10.7 16.1

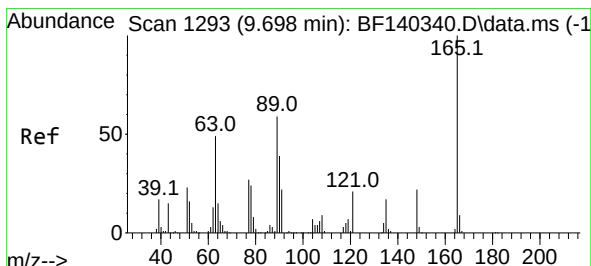
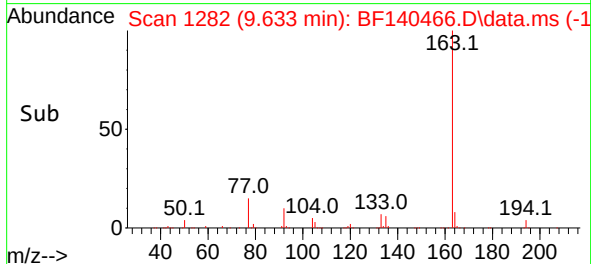
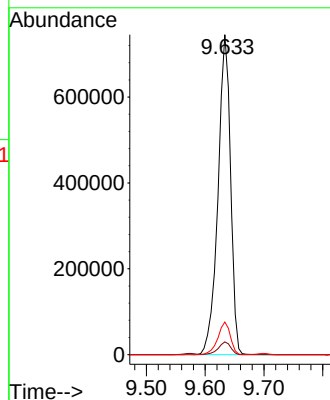
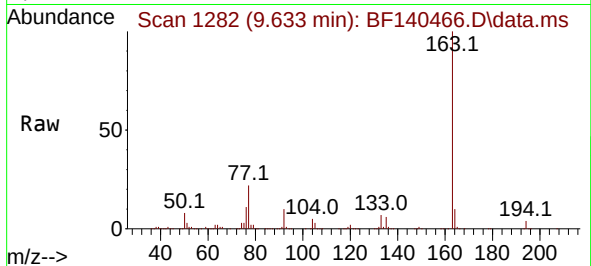




#50
Dimethylphthalate
Concen: 54.336 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

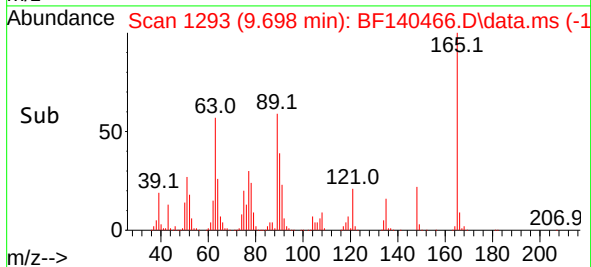
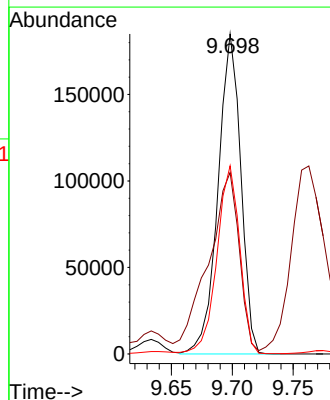
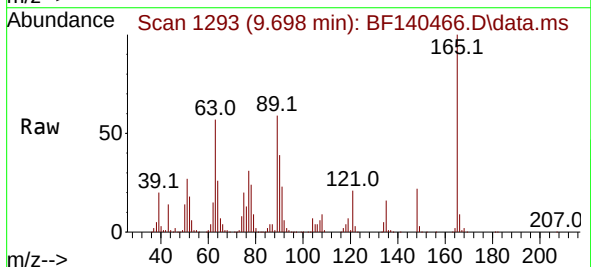
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

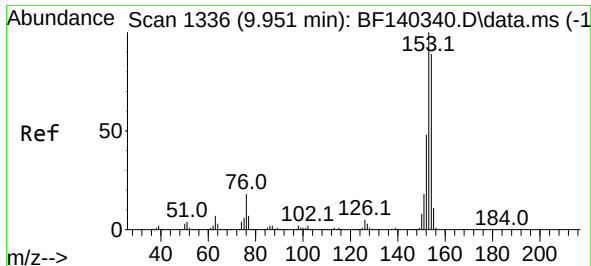
Tgt Ion:163 Resp: 1104405
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 51.823 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:165 Resp: 240132
Ion Ratio Lower Upper
165 100
63 56.7 47.6 71.4
89 58.8 48.1 72.1

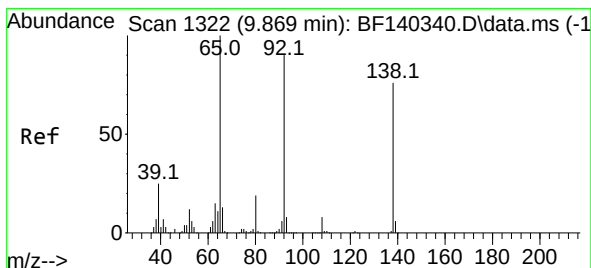
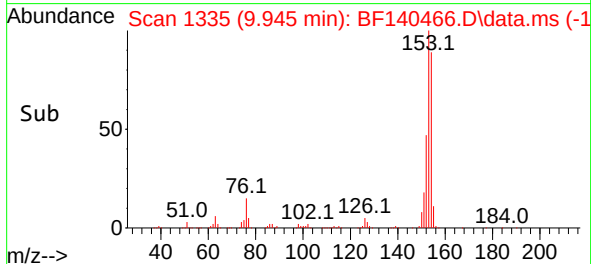
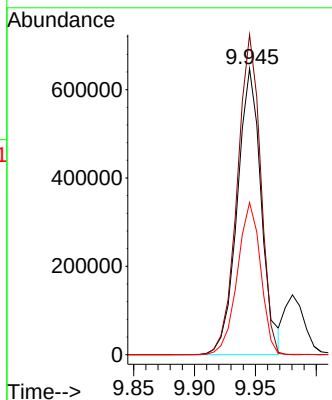
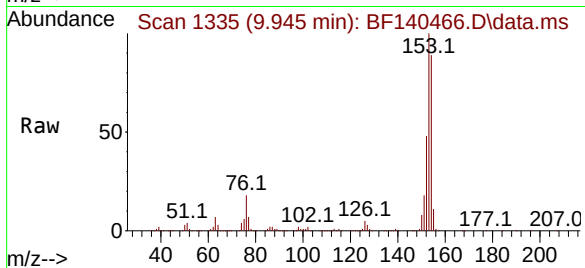




#52
Acenaphthene
Concen: 50.322 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

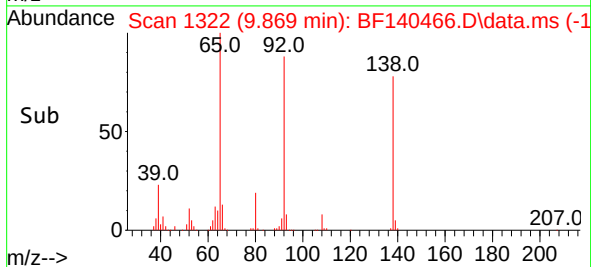
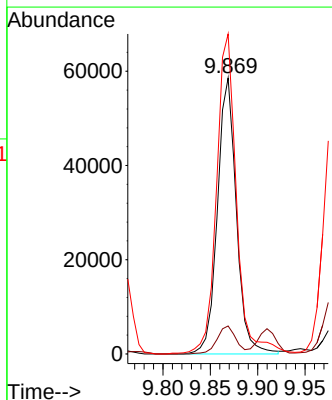
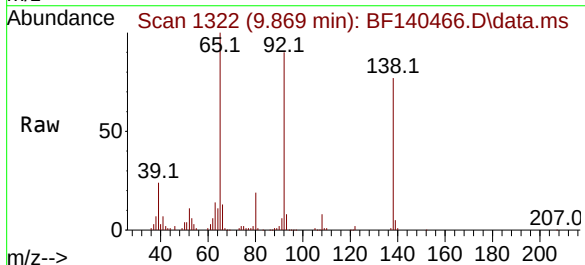
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

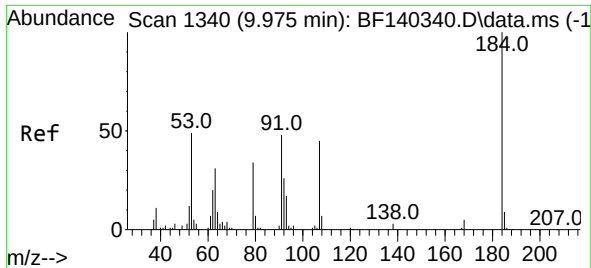
Tgt Ion:154 Resp: 888668
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.8
152 53.2 42.6 64.0



#53
3-Nitroaniline
Concen: 16.784 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:138 Resp: 81674
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 116.0 95.5 143.3

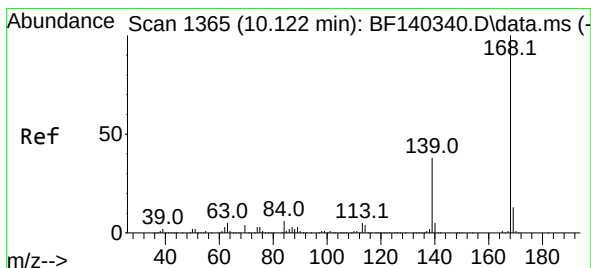
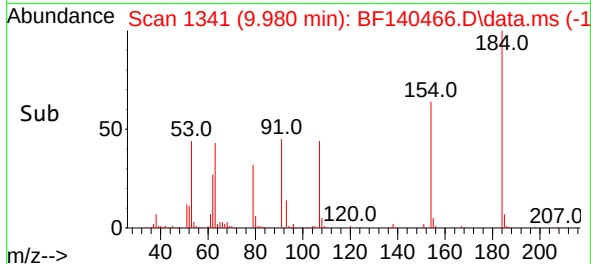
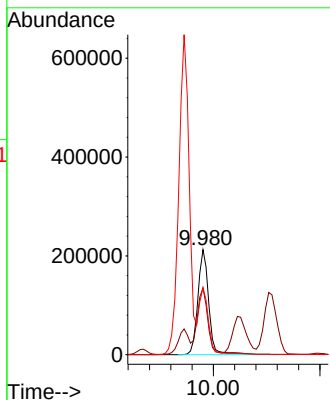
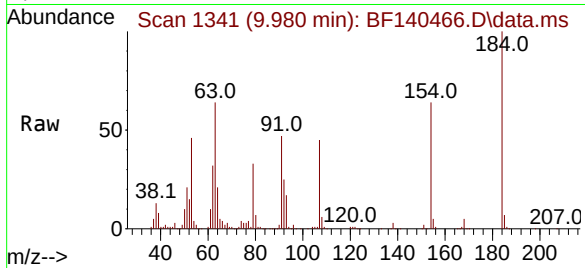




#54
2,4-Dinitrophenol
Concen: 127.208 ng
RT: 9.980 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

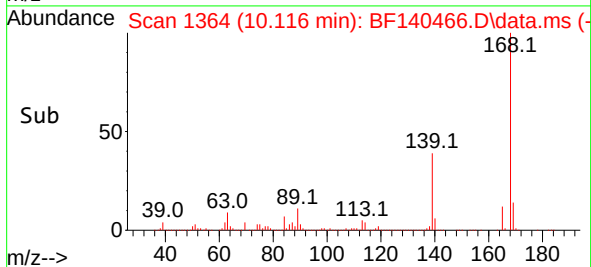
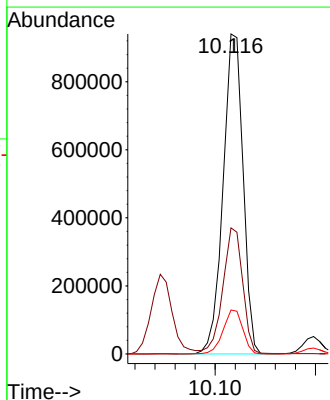
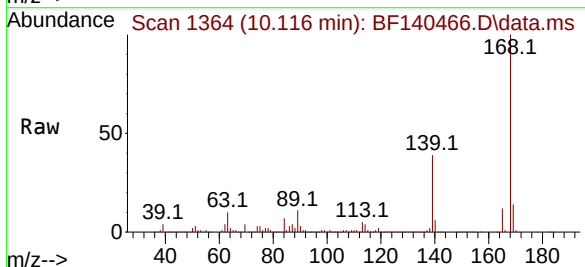
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

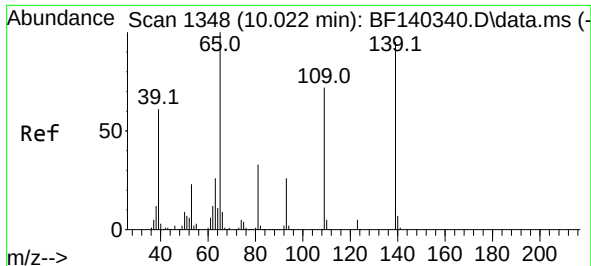
Tgt Ion:184 Resp: 303967
Ion Ratio Lower Upper
184 100
63 63.6 53.5 80.3
154 63.7 51.3 76.9



#55
Dibenzofuran
Concen: 51.960 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:168 Resp: 1298986
Ion Ratio Lower Upper
168 100
139 39.4 30.8 46.2
169 13.8 10.8 16.2

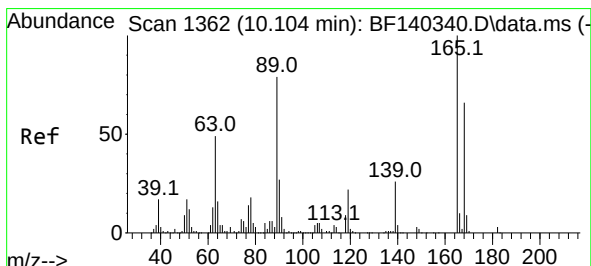
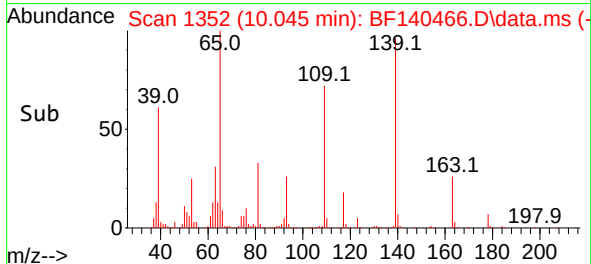
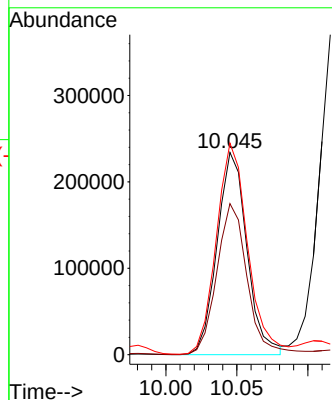
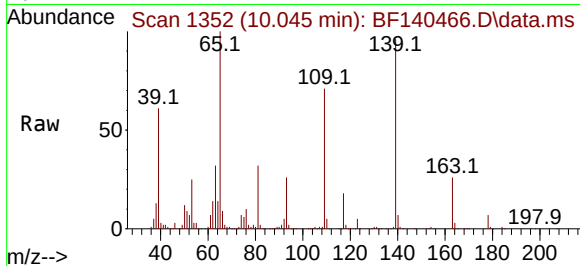




#56
4-Nitrophenol
Concen: 96.471 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

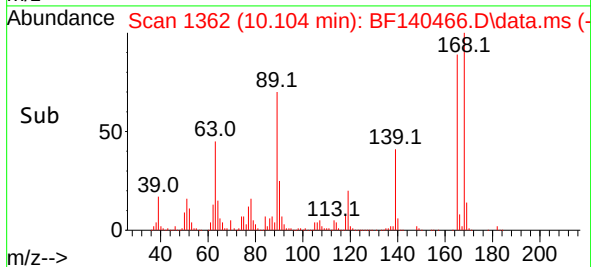
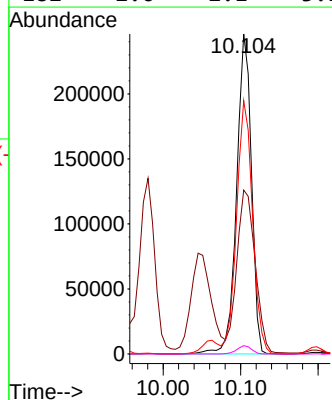
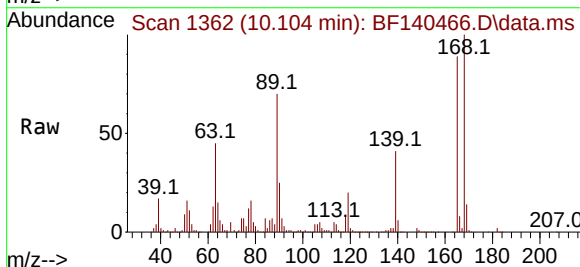
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

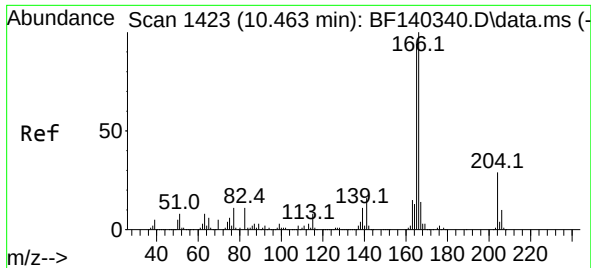
Tgt Ion:139 Resp: 342426
Ion Ratio Lower Upper
139 100
109 74.7 54.5 94.5
65 104.6 84.4 124.4



#57
2,4-Dinitrotoluene
Concen: 53.581 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:165 Resp: 326760
Ion Ratio Lower Upper
165 100
63 51.2 39.4 59.0
89 79.2 62.4 93.6
182 2.6 2.1 3.1

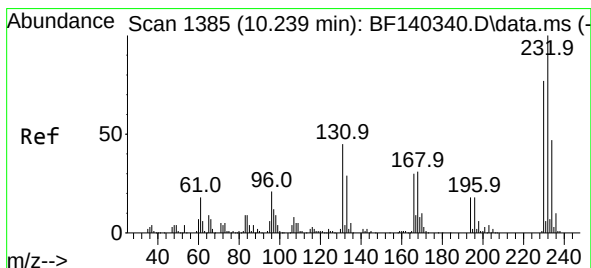
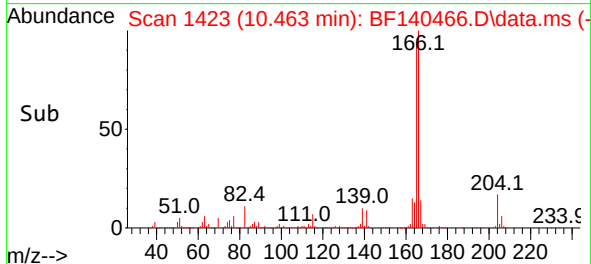
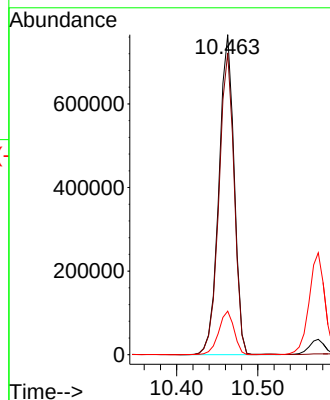
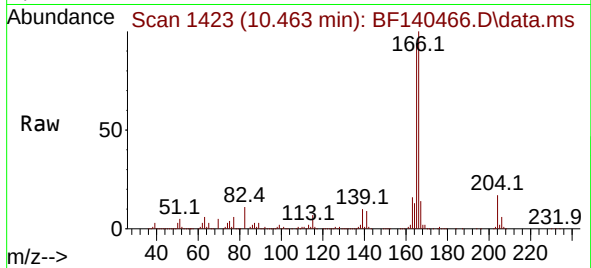




#58
Fluorene
Concen: 50.659 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

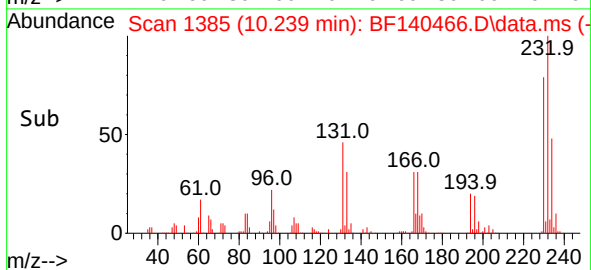
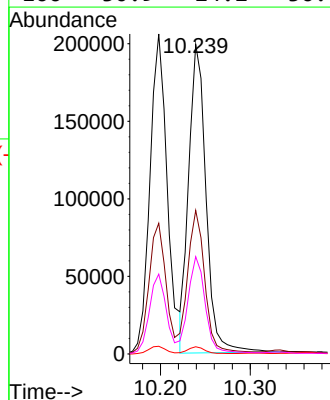
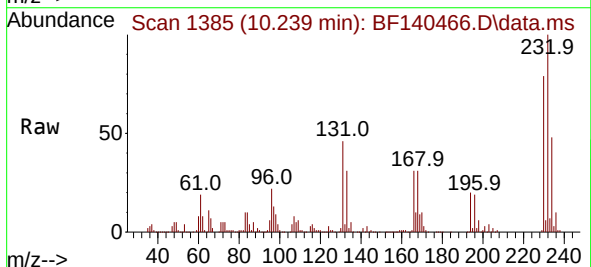
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

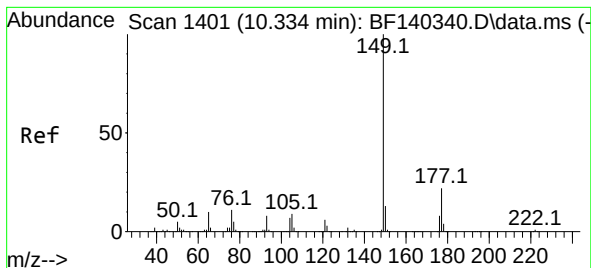
Tgt Ion:166 Resp: 1000473
Ion Ratio Lower Upper
166 100
165 94.3 73.9 110.9
167 13.6 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 54.652 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:232 Resp: 266995
Ion Ratio Lower Upper
232 100
131 45.7 36.8 55.2
130 2.5 1.9 2.9
166 30.9 24.2 36.4

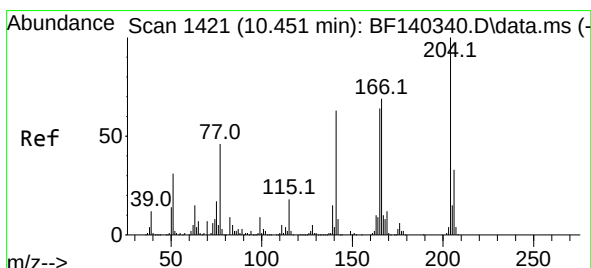
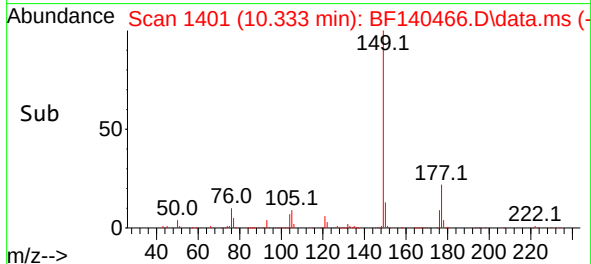
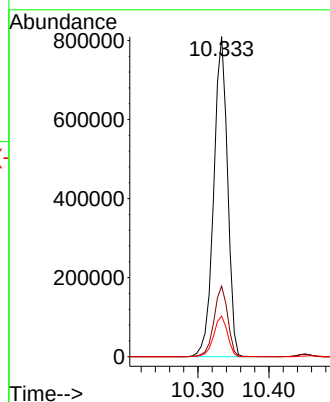
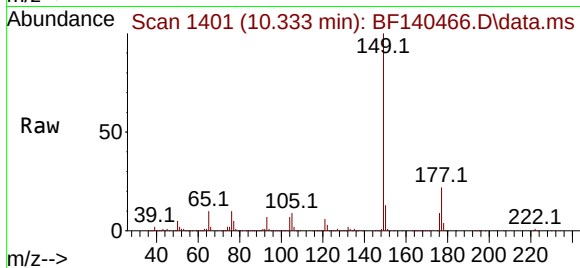




#60
Diethylphthalate
Concen: 52.381 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

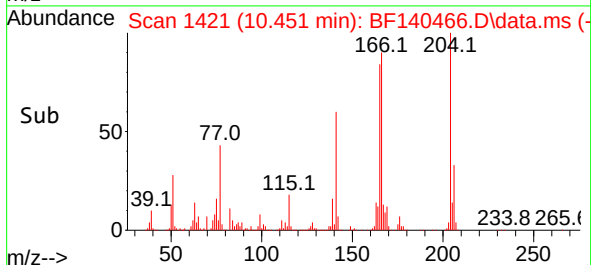
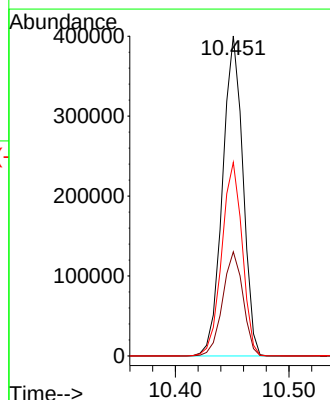
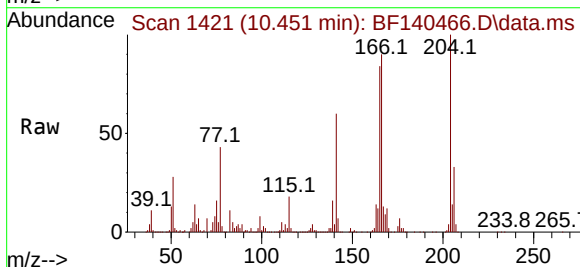
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

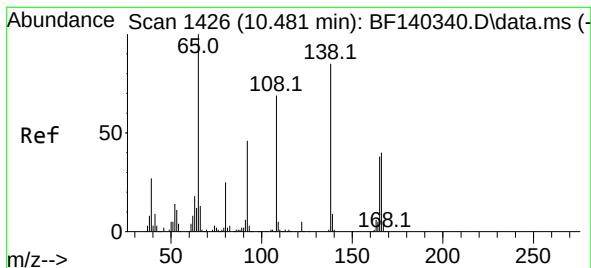
Tgt Ion:149 Resp: 1088675
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 51.184 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:204 Resp: 499052
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 60.5 49.8 74.8

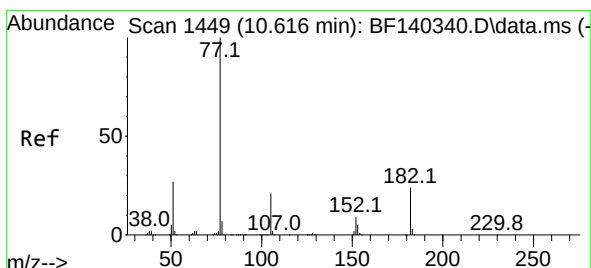
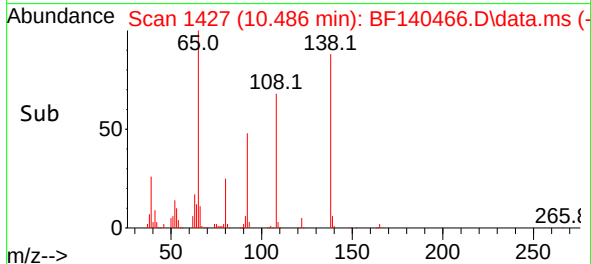
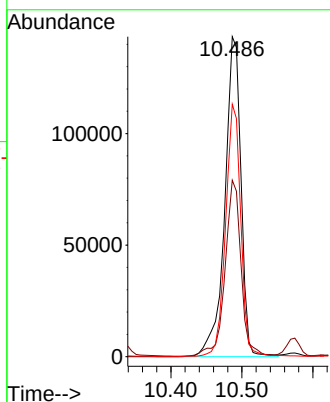
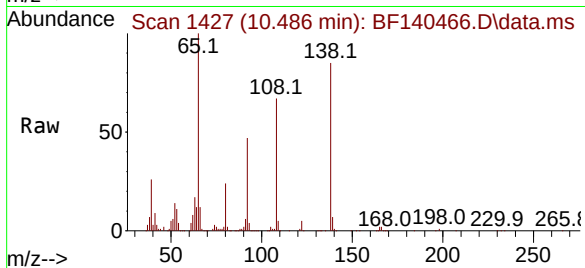




#62
4-Nitroaniline
Concen: 45.622 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

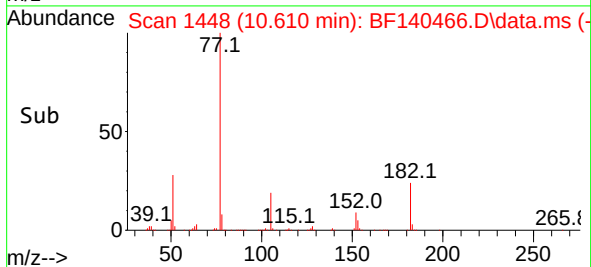
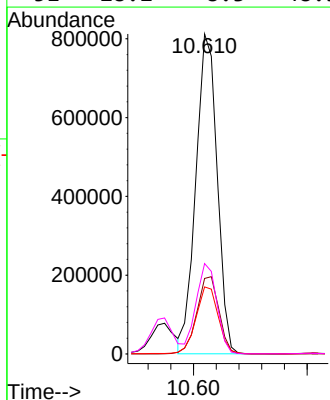
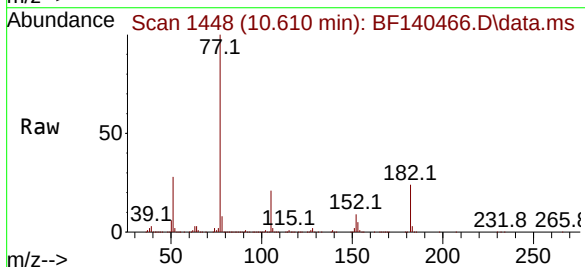
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

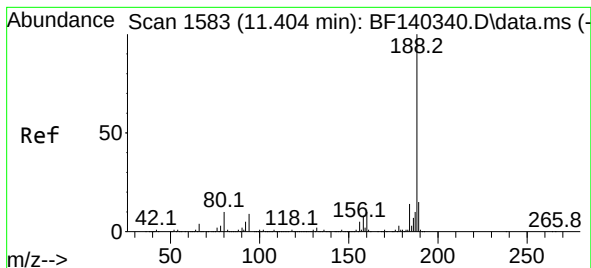
Tgt Ion:138 Resp: 227000
Ion Ratio Lower Upper
138 100
92 55.2 33.8 73.8
108 78.9 59.9 99.9



#63
Azobenzene
Concen: 51.462 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 77 Resp: 1056806
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 21.0 0.9 40.9
51 28.2 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

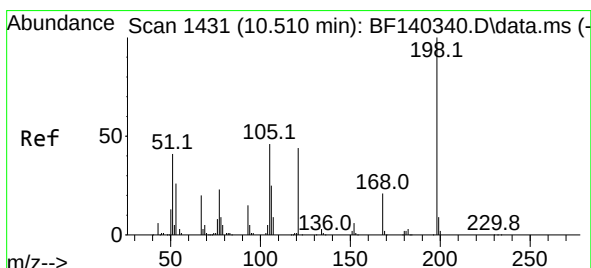
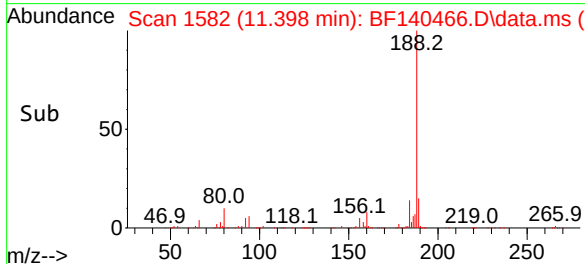
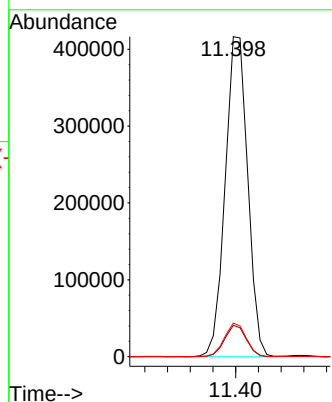
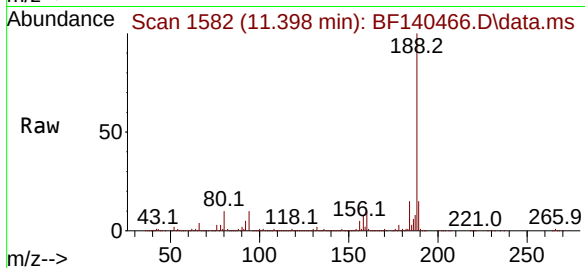
Tgt Ion:188 Resp: 573421

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.5 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 61.120 ng

RT: 10.516 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

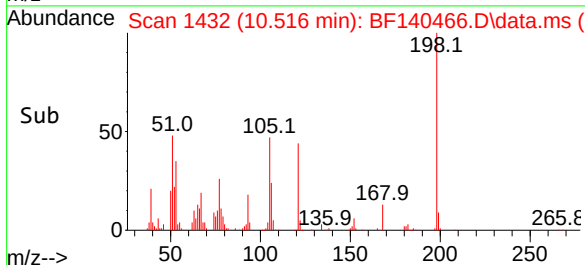
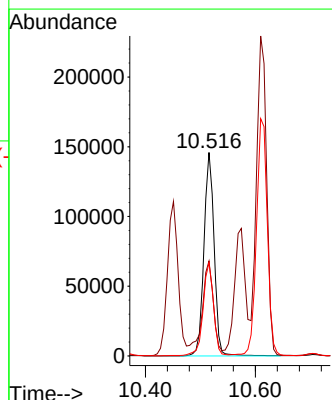
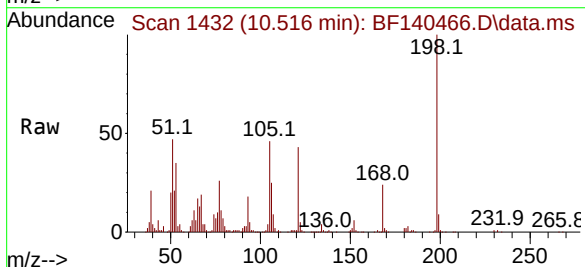
Tgt Ion:198 Resp: 188565

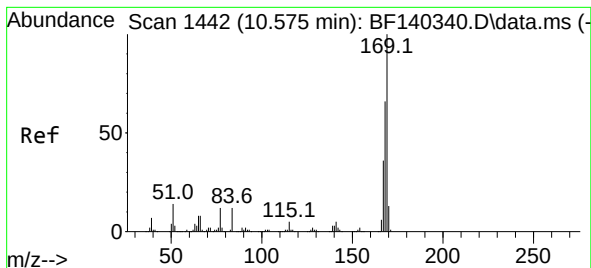
Ion Ratio Lower Upper

198 100

51 46.6 29.7 69.7

105 45.8 26.3 66.3

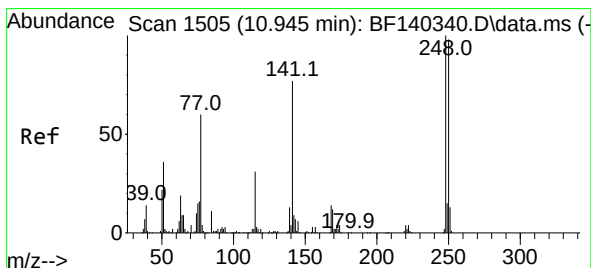
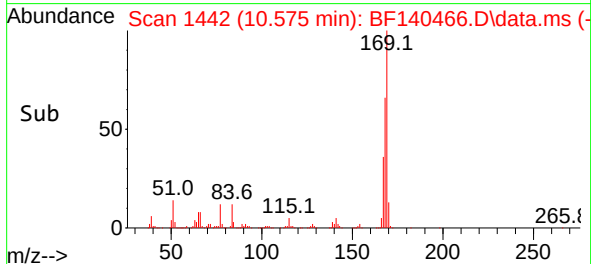
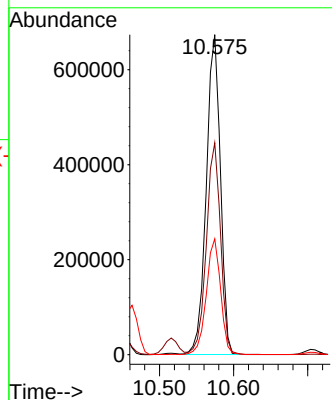
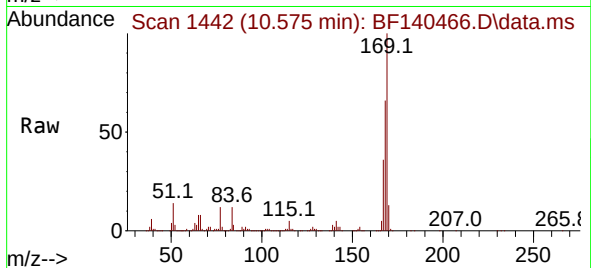




#66
n-Nitrosodiphenylamine
Concen: 53.826 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

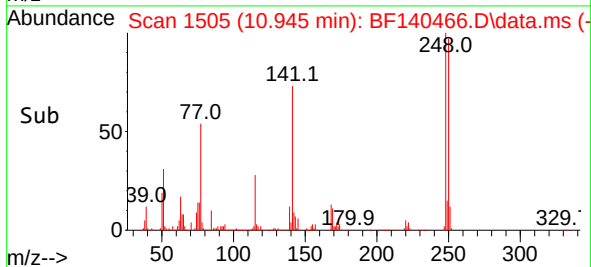
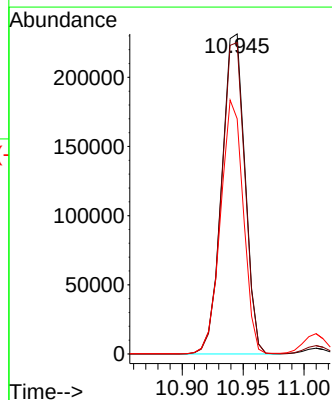
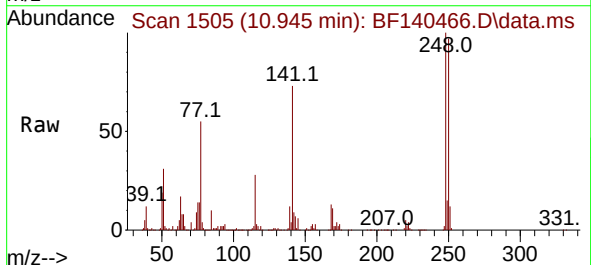
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

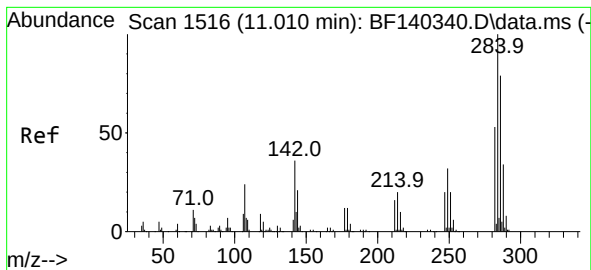
Tgt Ion:169 Resp: 891791
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.2 29.3 43.9



#67
4-Bromophenyl-phenylether
Concen: 53.751 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:248 Resp: 308097
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 73.5 61.8 92.6





#68

Hexachlorobenzene

Concen: 53.807 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

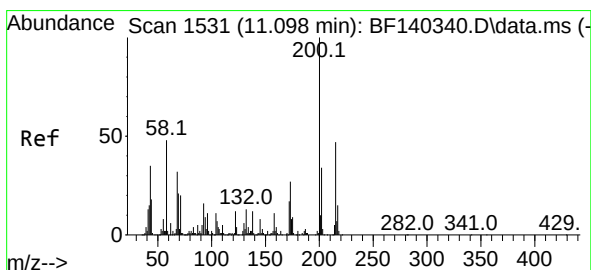
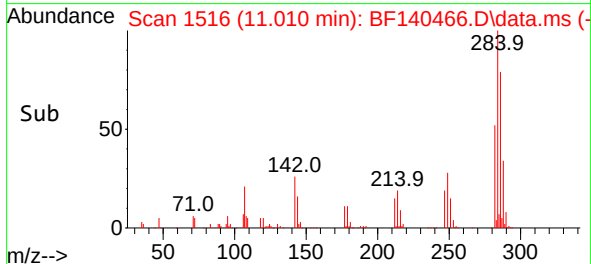
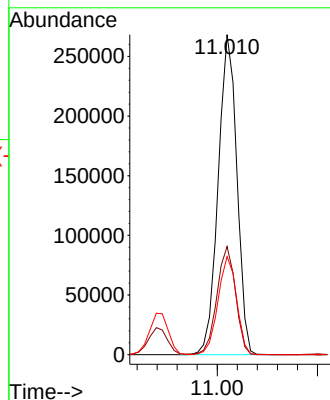
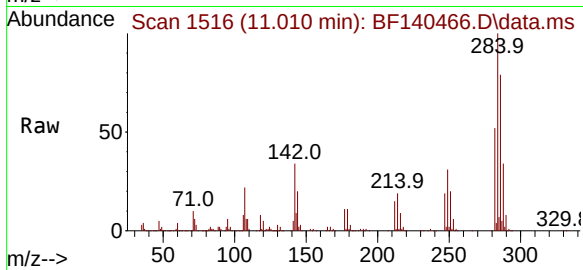
Tgt Ion:284 Resp: 347014

Ion Ratio Lower Upper

284 100

142 33.8 28.1 42.1

249 30.7 24.9 37.3



#69

Atrazine

Concen: 49.990 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

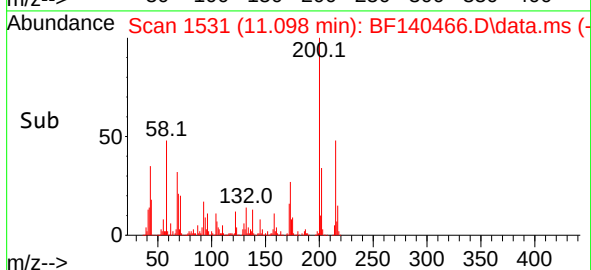
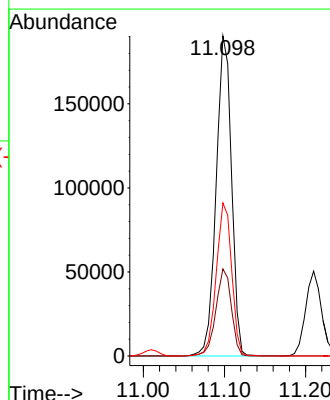
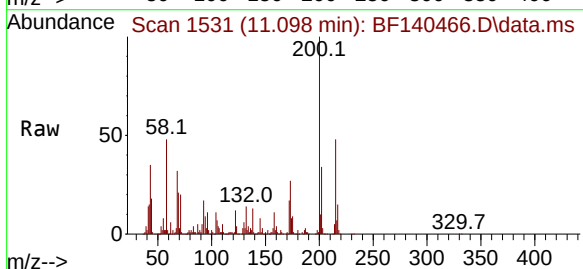
Tgt Ion:200 Resp: 250580

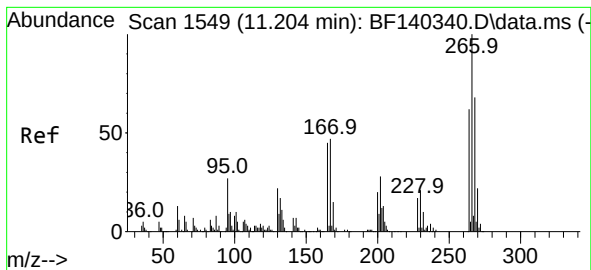
Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

215 47.8 27.2 67.2





#70

Pentachlorophenol

Concen: 109.696 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

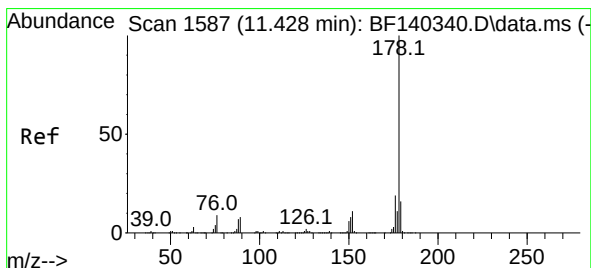
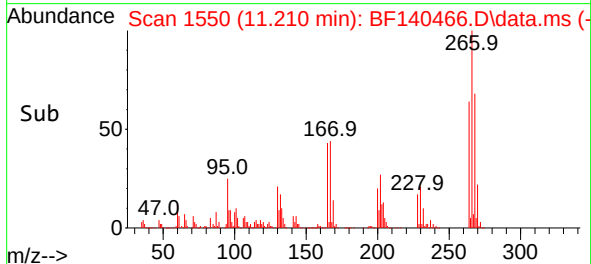
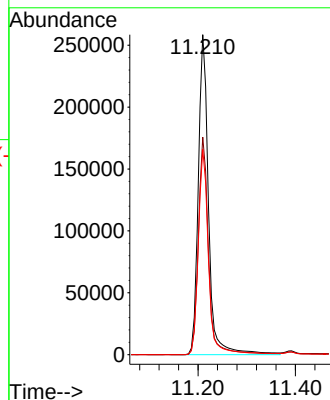
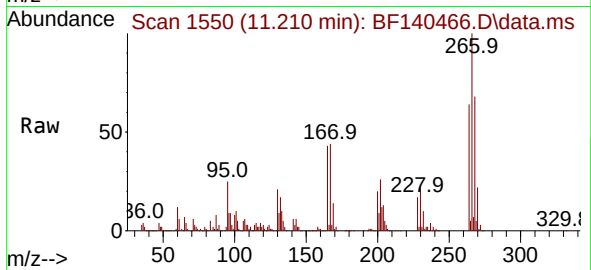
Tgt Ion:266 Resp: 381086

Ion Ratio Lower Upper

266 100

268 68.0 52.9 79.3

264 64.1 50.3 75.5



#71

Phenanthrene

Concen: 53.334 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

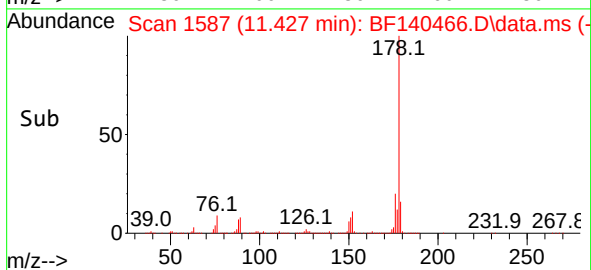
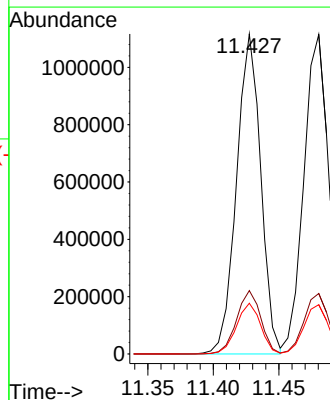
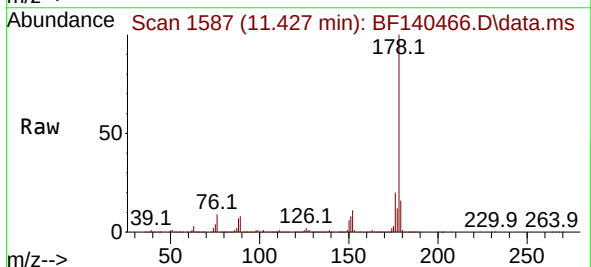
Tgt Ion:178 Resp: 1436654

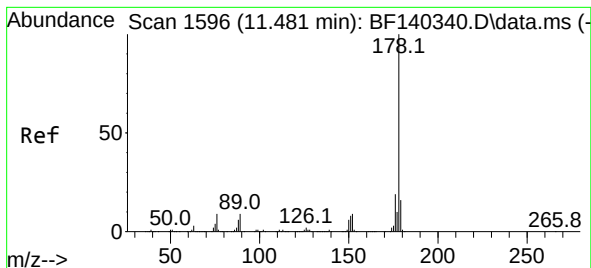
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.9 12.4 18.6





#72

Anthracene

Concen: 55.145 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

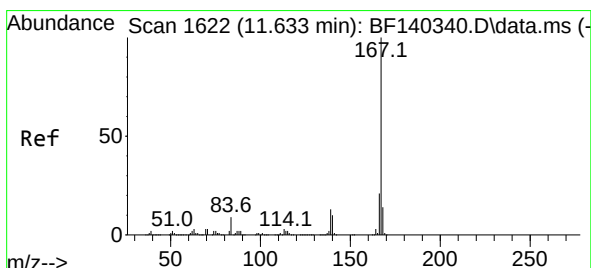
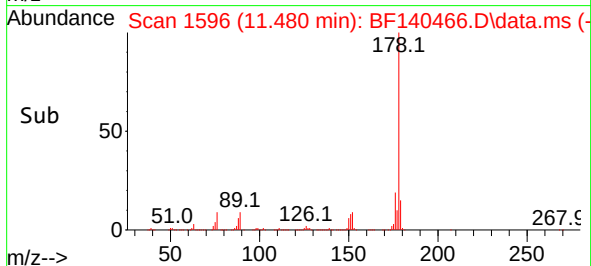
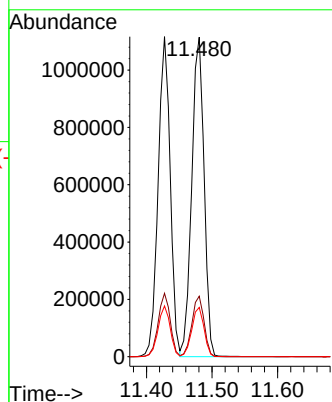
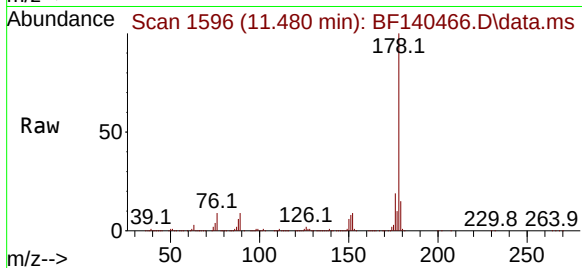
Tgt Ion:178 Resp: 1455828

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.6 18.8



#73

Carbazole

Concen: 50.795 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

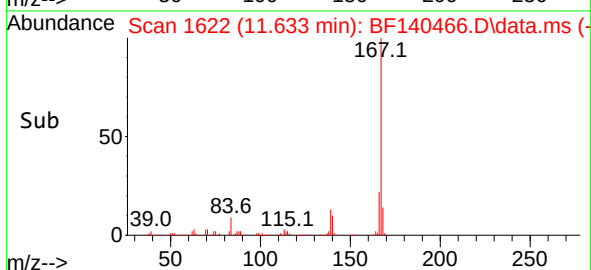
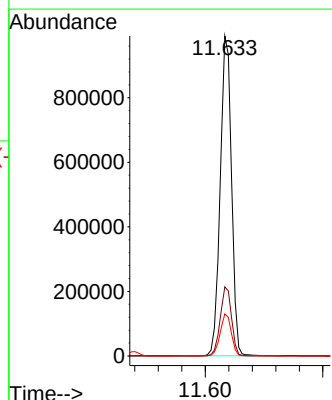
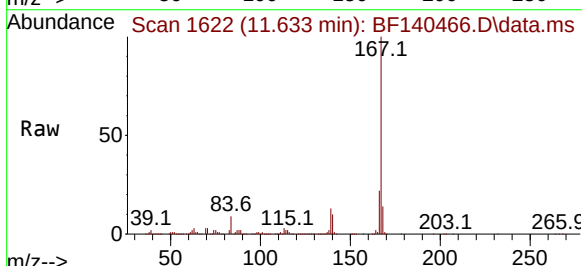
Tgt Ion:167 Resp: 1324088

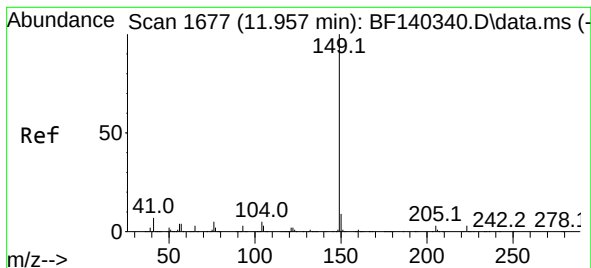
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.2 10.4 15.6





#74

Di-n-butylphthalate

Concen: 52.502 ng

RT: 11.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

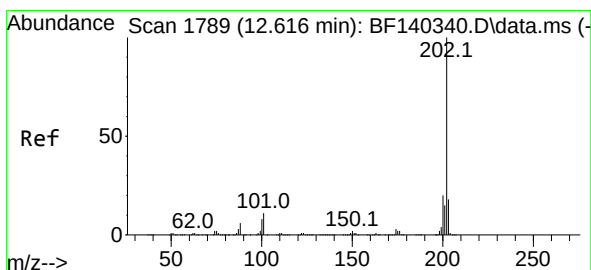
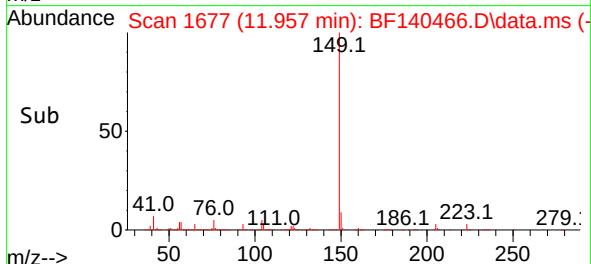
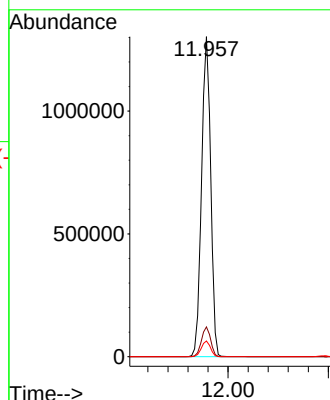
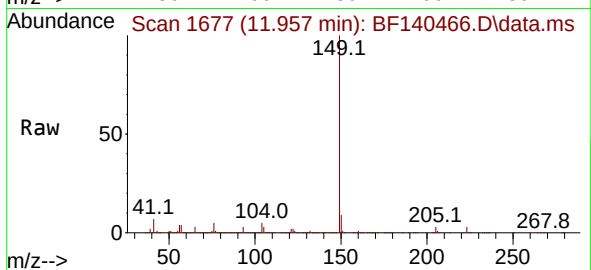
Tgt Ion:149 Resp: 1642600

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 4.0 6.0



#75

Fluoranthene

Concen: 50.769 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

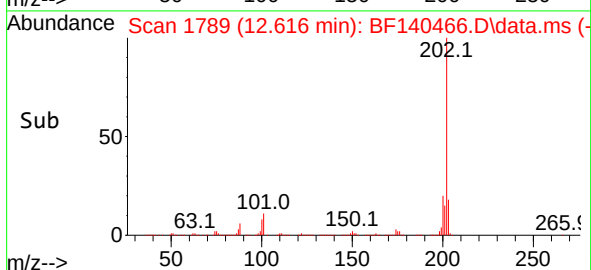
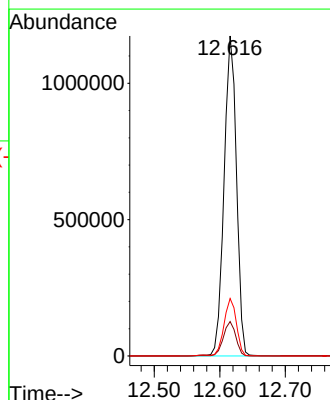
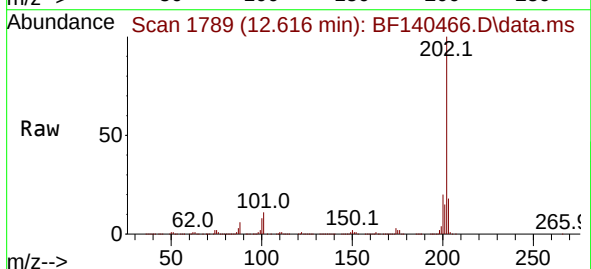
Tgt Ion:202 Resp: 1534269

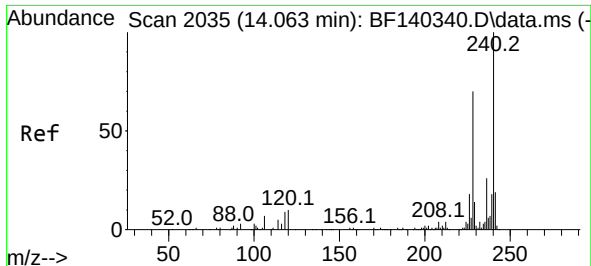
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

203 17.9 0.0 37.7

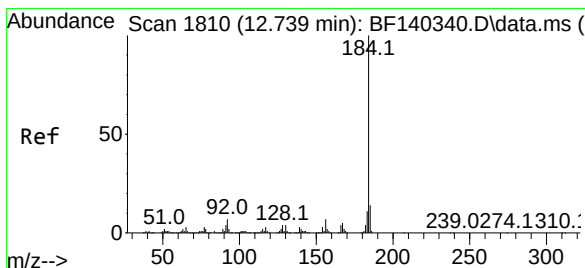
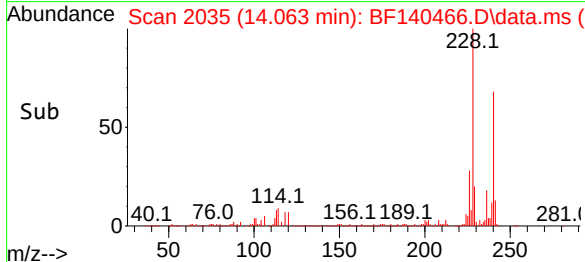
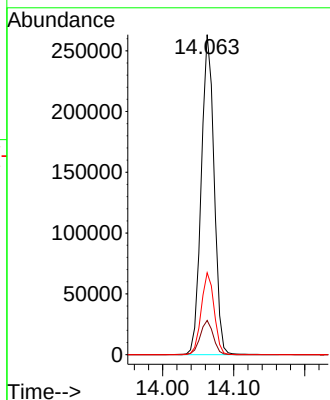
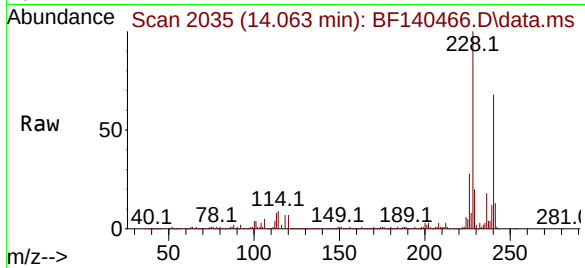




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

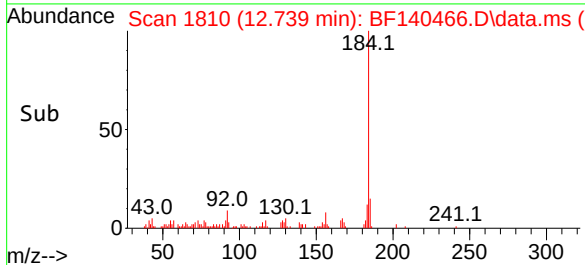
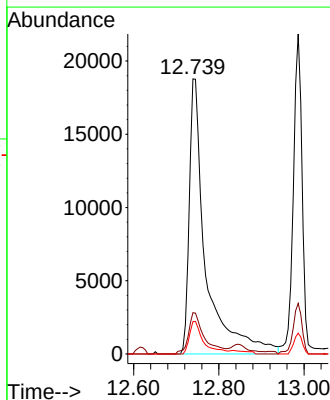
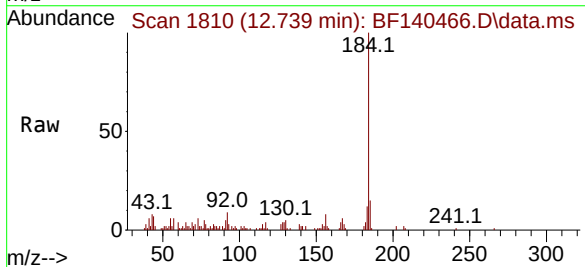
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

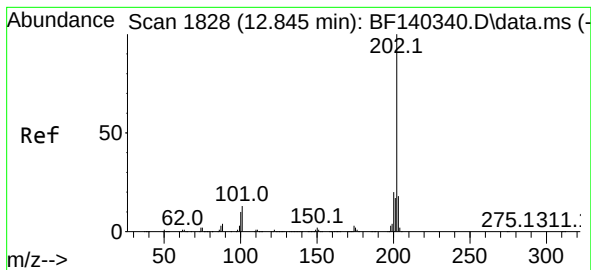
Tgt Ion:240 Resp: 332365
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.6 20.9 31.3



#77
Benzidine
Concen: 3.972 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:184 Resp: 50672
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.7 8.6 13.0





#78

Pyrene

Concen: 55.684 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

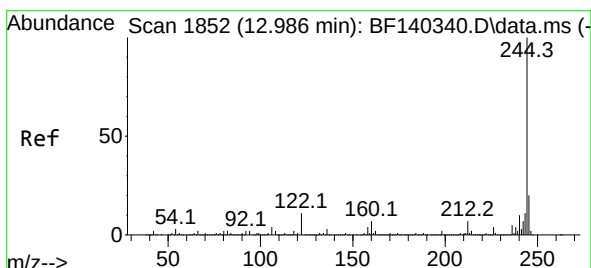
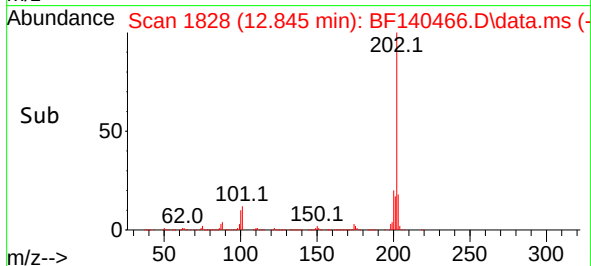
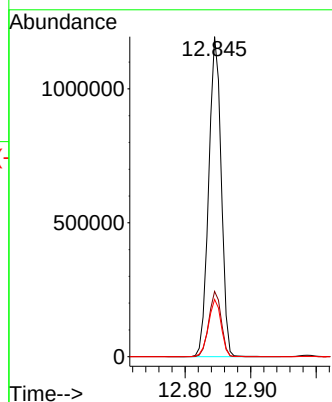
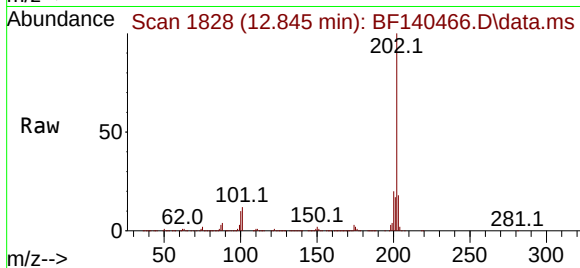
Tgt Ion:202 Resp: 1583066

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 113.111 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

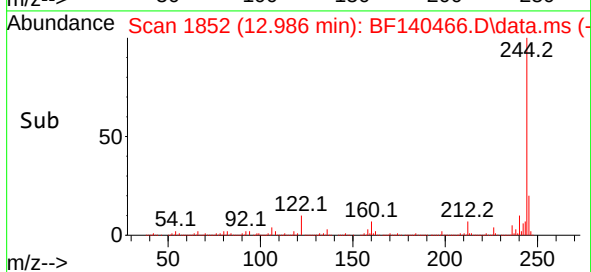
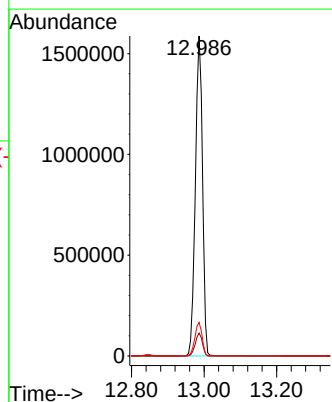
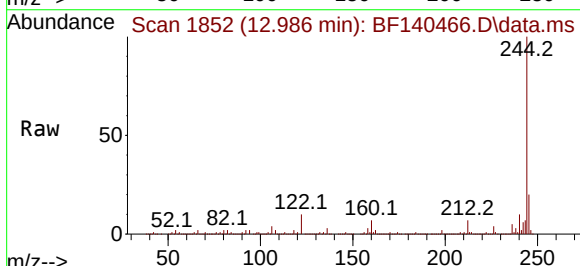
Tgt Ion:244 Resp: 2165816

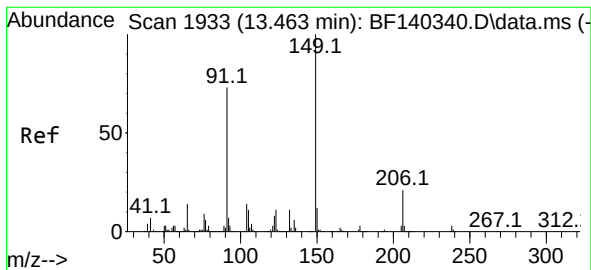
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.5 8.8 13.2





#80

Butylbenzylphthalate

Concen: 58.563 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

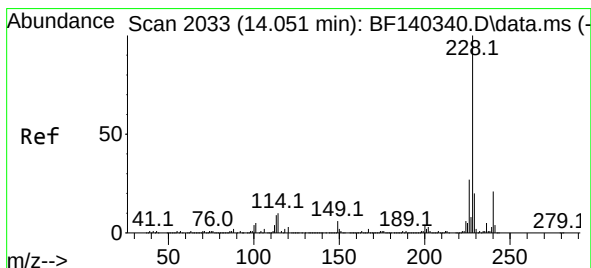
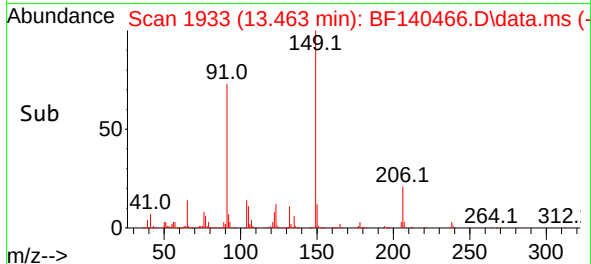
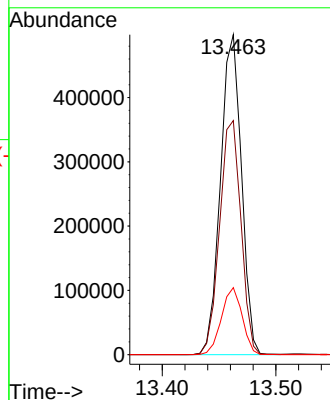
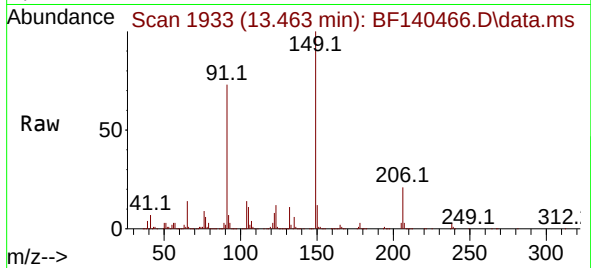
Tgt Ion:149 Resp: 639583

Ion Ratio Lower Upper

149 100

91 73.2 61.0 91.4

206 21.0 16.1 24.1



#81

Benzo(a)anthracene

Concen: 54.173 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

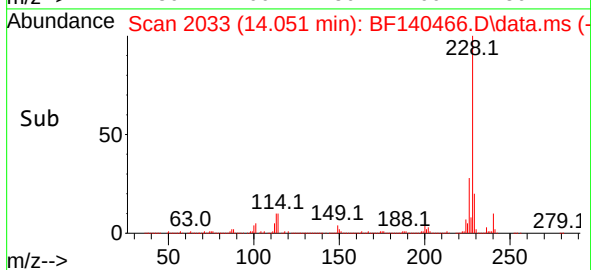
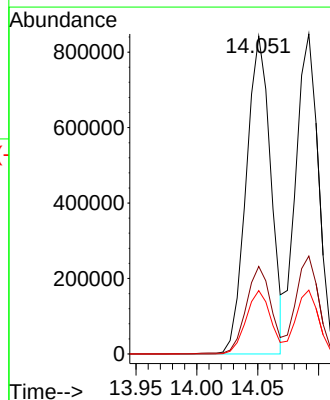
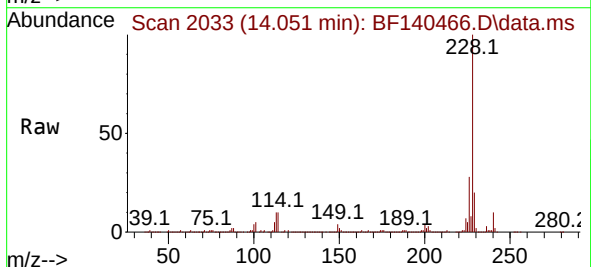
Tgt Ion:228 Resp: 1183344

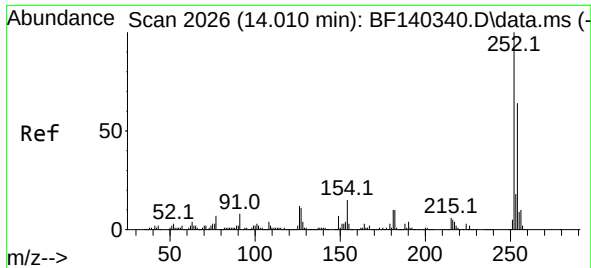
Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.0 15.8 23.6

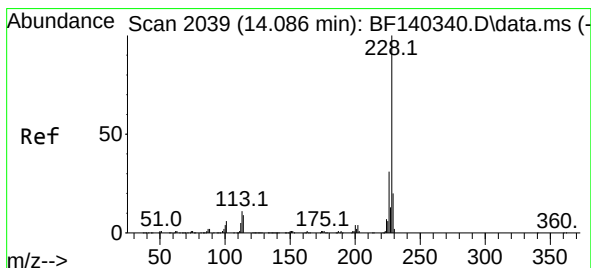
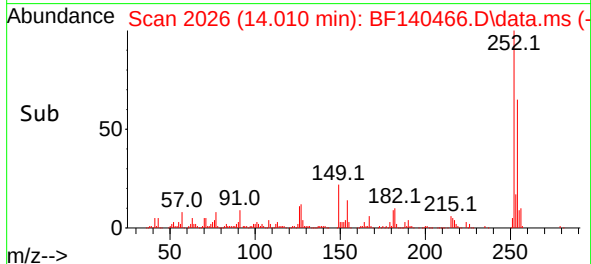
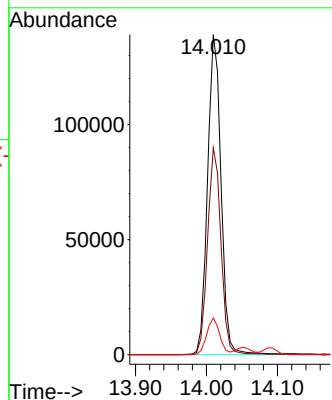
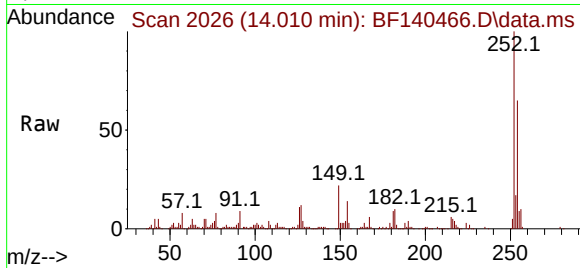




#82
3,3'-Dichlorobenzidine
Concen: 26.475 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

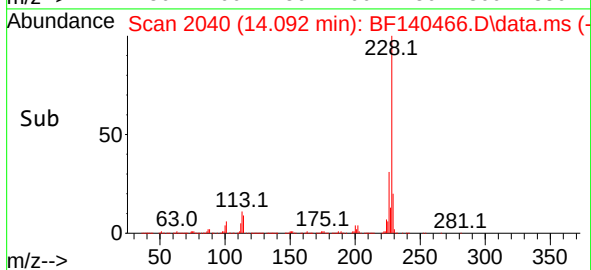
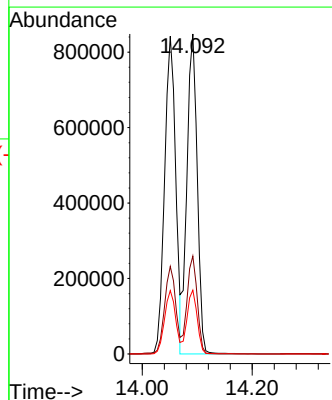
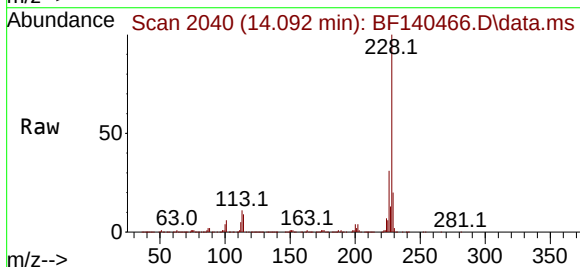
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

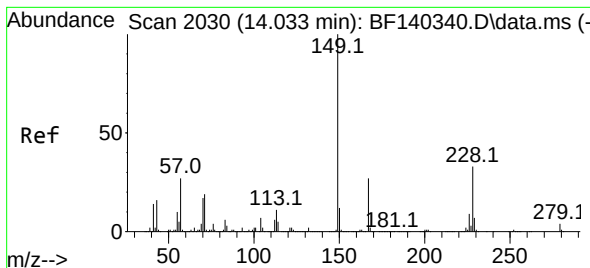
Tgt Ion:252 Resp: 183818
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 11.5 9.4 14.0



#83
Chrysene
Concen: 55.436 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.012 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:228 Resp: 1104867
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.0 16.0 24.0

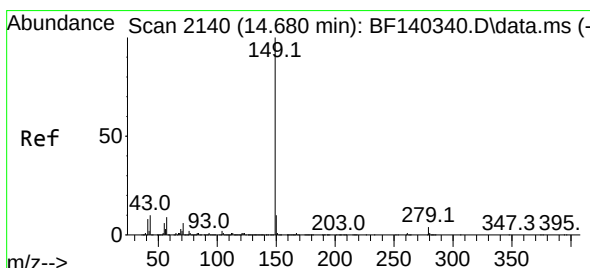
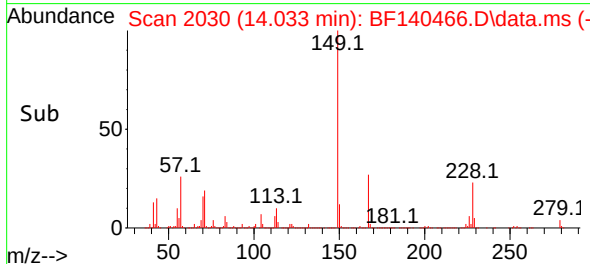
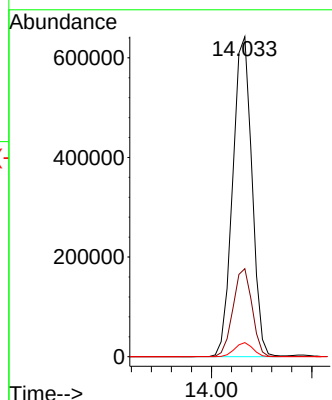
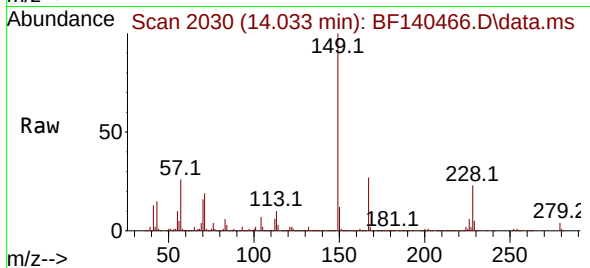




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.549 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. 0.012 min
 Lab File: BF140466.D
 Acq: 19 Nov 2024 12:02

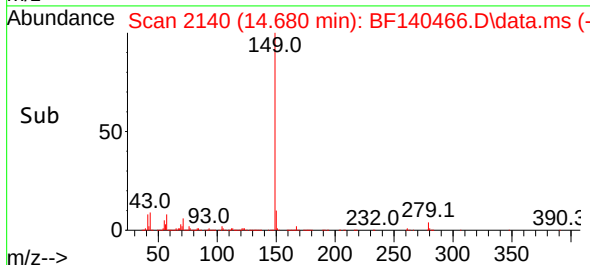
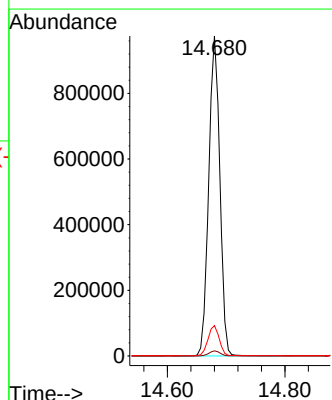
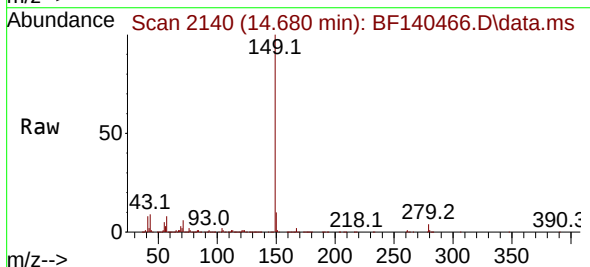
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

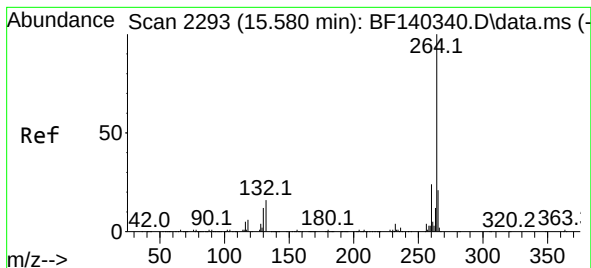
Tgt Ion:149 Resp: 853491
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 4.4 3.0 4.6



#85
 Di-n-octyl phthalate
 Concen: 61.997 ng
 RT: 14.680 min Scan# 2140
 Delta R.T. 0.018 min
 Lab File: BF140466.D
 Acq: 19 Nov 2024 12:02

Tgt Ion:149 Resp: 1272836
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

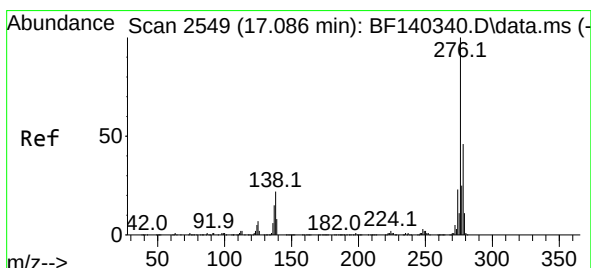
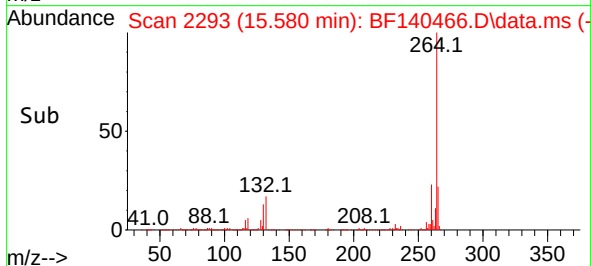
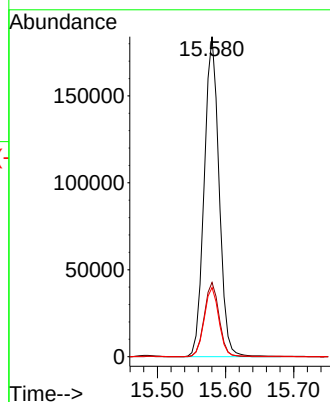
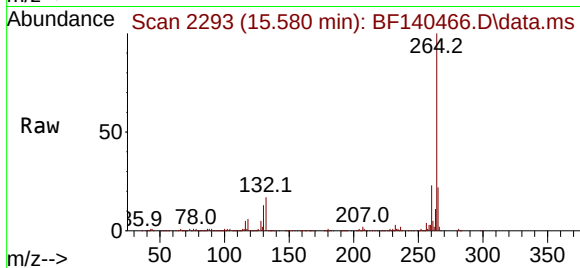
Tgt Ion:264 Resp: 278980

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 54.819 ng

RT: 17.092 min Scan# 2550

Delta R.T. 0.035 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

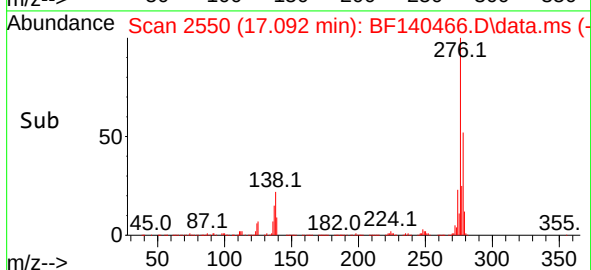
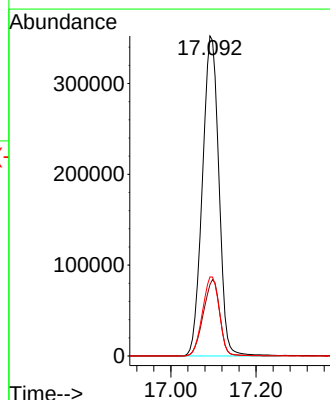
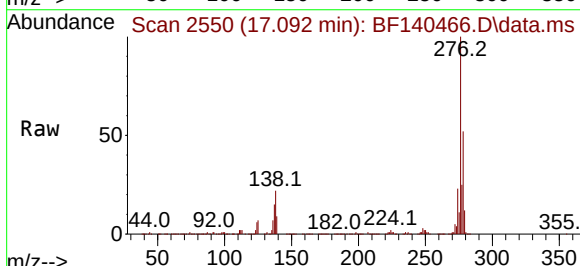
Tgt Ion:276 Resp: 944710

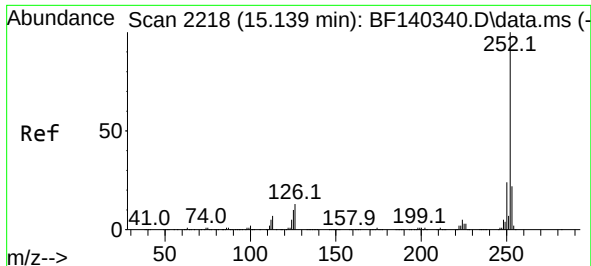
Ion Ratio Lower Upper

276 100

138 23.9 18.8 28.2

277 25.3 20.2 30.2

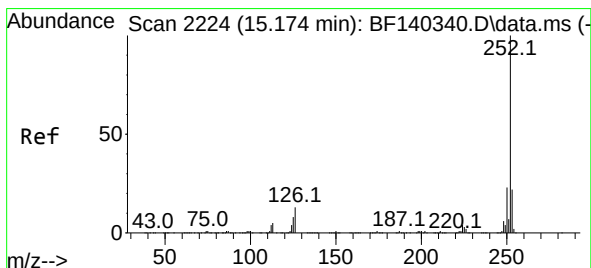
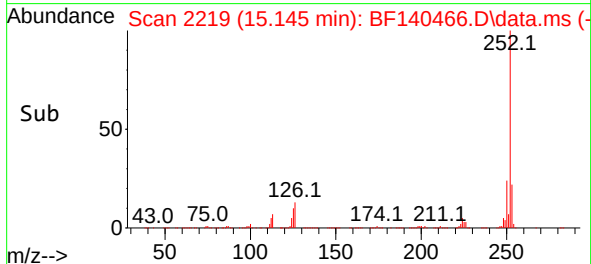
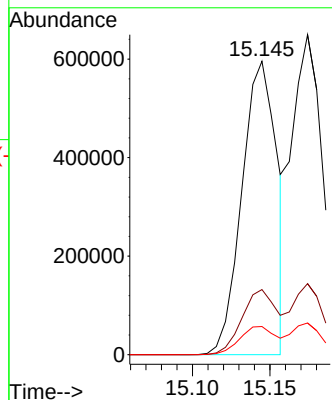
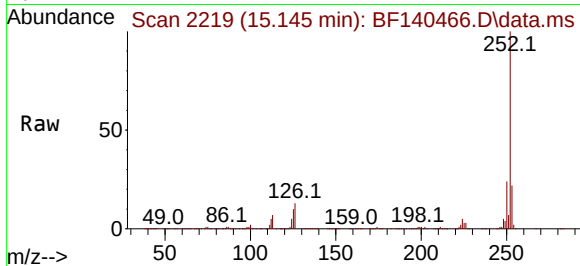




#88
Benzo(b)fluoranthene
Concen: 51.127 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.029 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

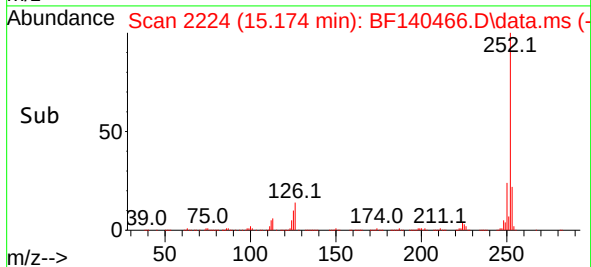
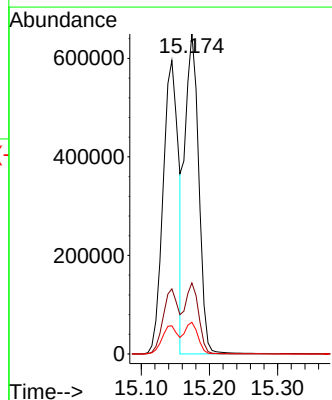
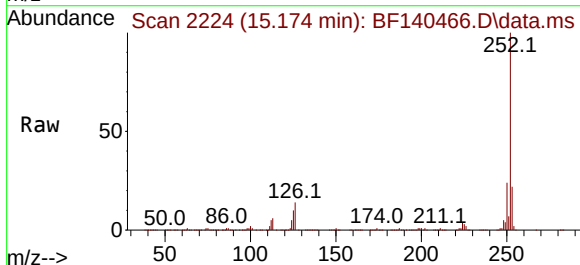
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

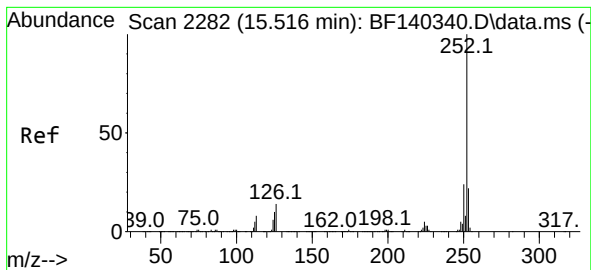
Tgt Ion:252 Resp: 933040
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 60.877 ng
RT: 15.174 min Scan# 2224
Delta R.T. 0.023 min
Lab File: BF140466.D
Acq: 19 Nov 2024 12:02

Tgt Ion:252 Resp: 907592
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.9 7.4 11.2





#90

Benzo(a)pyrene

Concen: 59.713 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

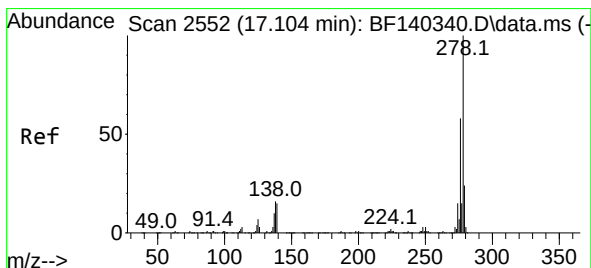
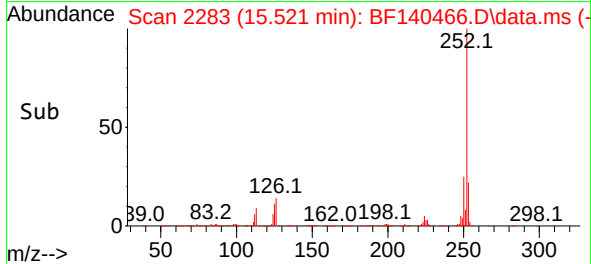
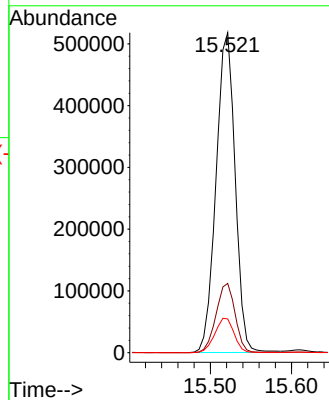
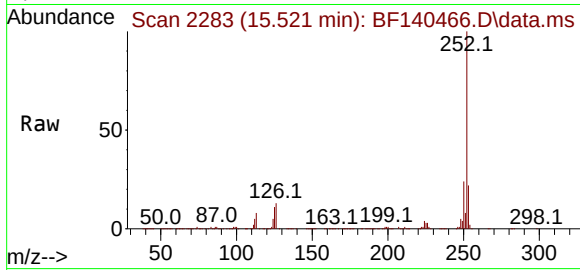
Tgt Ion:252 Resp: 846252

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.6 8.4 12.6



#91

Dibenzo(a,h)anthracene

Concen: 54.549 ng

RT: 17.109 min Scan# 2553

Delta R.T. 0.035 min

Lab File: BF140466.D

Acq: 19 Nov 2024 12:02

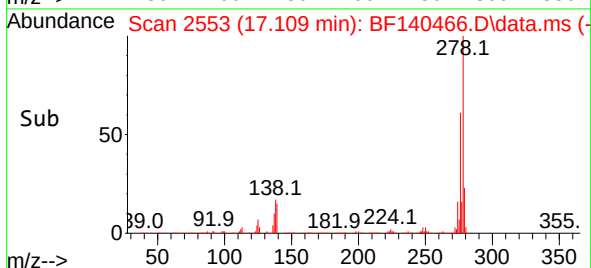
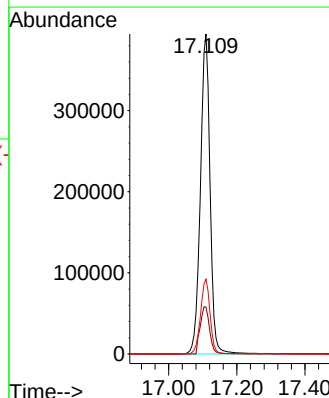
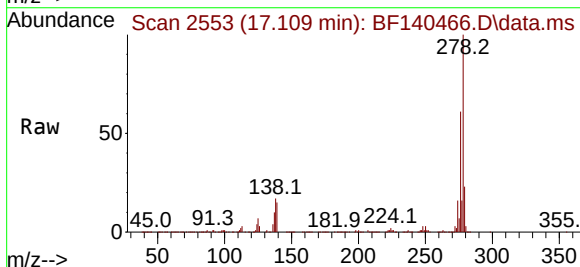
Tgt Ion:278 Resp: 777055

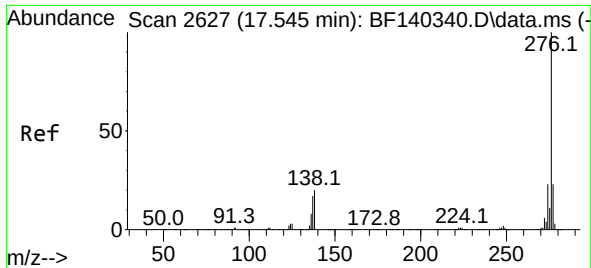
Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

279 23.4 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 49.152 ng
 RT: 17.551 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: BF140466.D
 Acq: 19 Nov 2024 12:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:276 Resp: 715799
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 20.3 16.0 24.0

