

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141262.D
 Acq On : 24 Jan 2025 15:09
 Operator : RC/JU
 Sample : Q1169-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITEMSD

Quant Time: Jan 25 01:01:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	144006	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	571039	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	308120	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	493766	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	341560	20.000	ng	0.00
86) Perylene-d12	15.445	264	390286	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	737914	79.159	ng	0.00
7) Phenol-d6	6.440	99	929306	78.700	ng	0.00
23) Nitrobenzene-d5	7.363	82	584372	54.246	ng	-0.02
42) 2,4,6-Tribromophenol	10.634	330	317904	90.550	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1150691	57.028	ng	-0.02
79) Terphenyl-d14	12.916	244	1131429	49.234	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.587	88	174361	42.002	ng	# 77
3) Pyridine	3.328	79	444567	43.672	ng	95
4) n-Nitrosodimethylamine	3.263	42	224391	45.081	ng	96
6) Aniline	6.469	93	329558	31.435	ng	# 87
8) 2-Chlorophenol	6.593	128	494798	49.473	ng	96
9) Benzaldehyde	6.351	77	50842	7.310	ng	96
10) Phenol	6.451	94	595642	47.123	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	449611	47.729	ng	96
12) 1,3-Dichlorobenzene	6.746	146	517946	46.433	ng	99
13) 1,4-Dichlorobenzene	6.822	146	525735	46.771	ng	99
14) 1,2-Dichlorobenzene	6.975	146	503528	48.023	ng	97
15) Benzyl Alcohol	6.946	79	421604	49.440	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	603230	45.889	ng	95
17) 2-Methylphenol	7.057	107	385744	47.773	ng	99
18) Hexachloroethane	7.316	117	193205	47.530	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	322815	46.409	ng	98
20) 3+4-Methylphenols	7.210	107	472873	46.420	ng	# 82
22) Acetophenone	7.216	105	628769	46.318	ng	98
24) Nitrobenzene	7.387	77	497869	44.344	ng	97
25) Isophorone	7.628	82	904016	49.105	ng	99
26) 2-Nitrophenol	7.704	139	263514	51.597	ng	98
27) 2,4-Dimethylphenol	7.740	122	392460	56.971	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	547929	47.425	ng	99
29) 2,4-Dichlorophenol	7.945	162	405483	49.560	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	429028	45.876	ng	100
31) Naphthalene	8.110	128	1407998	46.755	ng	100
32) Benzoic acid	7.863	122	320925	48.564	ng	97
33) 4-Chloroaniline	8.157	127	164763	15.820	ng	99
34) Hexachlorobutadiene	8.228	225	267214	47.420	ng	99
35) Caprolactam	8.522	113	127226m	47.497	ng	
36) 4-Chloro-3-methylphenol	8.640	107	434838	48.597	ng	100
37) 2-Methylnaphthalene	8.798	142	941866	49.081	ng	99
38) 1-Methylnaphthalene	8.898	142	865648	45.772	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	434294	49.108	ng	100
41) Hexachlorocyclopentadiene	8.951	237	468408	161.892	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	297109	49.813	ng	100

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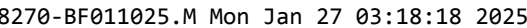
Instrument :
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Quant Time: Jan 25 01:01:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	305256	48.459	ng	98
46) 1,1'-Biphenyl	9.263	154	1146699	47.922	ng	100
47) 2-Chloronaphthalene	9.292	162	867705	46.557	ng	99
48) 2-Nitroaniline	9.387	65	267867	48.485	ng	97
49) Acenaphthylene	9.704	152	1342372	50.413	ng	100
50) Dimethylphthalate	9.569	163	1053559	50.933	ng	100
51) 2,6-Dinitrotoluene	9.628	165	234320	48.712	ng	99
52) Acenaphthene	9.881	154	1005670	54.059	ng	99
53) 3-Nitroaniline	9.798	138	131469	26.895	ng	99
54) 2,4-Dinitrophenol	9.904	184	262147	114.654	ng	95
55) Dibenzofuran	10.051	168	1220749	48.243	ng	100
56) 4-Nitrophenol	9.963	139	388856	101.573	ng	98
57) 2,4-Dinitrotoluene	10.034	165	315753	50.935	ng	99
58) Fluorene	10.392	166	944796	48.060	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	268245	51.231	ng	99
60) Diethylphthalate	10.269	149	1031805	51.094	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	467332	48.775	ng	99
62) 4-Nitroaniline	10.416	138	230100	48.094	ng	99
63) Azobenzene	10.545	77	1008538	50.614	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	177174	61.922	ng	98
66) n-Nitrosodiphenylamine	10.504	169	846663	53.162	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	312478	54.968	ng	95
68) Hexachlorobenzene	10.939	284	333888	52.762	ng	100
69) Atrazine	11.034	200	292193	68.138	ng	99
70) Pentachlorophenol	11.139	266	397935	98.193	ng	99
71) Phenanthrene	11.357	178	1408704	53.141	ng	99
72) Anthracene	11.410	178	1400869	54.348	ng	100
73) Carbazole	11.563	167	1179615	49.910	ng	100
74) Di-n-butylphthalate	11.898	149	1502080	55.534	ng	100
75) Fluoranthene	12.545	202	1383806	52.312	ng	99
77) Benzidine	12.669	184	420058	66.318	ng	99
78) Pyrene	12.775	202	1374558	42.134	ng	100
80) Butylbenzylphthalate	13.398	149	528018	48.545	ng	97
81) Benzo(a)anthracene	13.969	228	1154633	49.672	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	258259	34.892	ng	99
83) Chrysene	14.004	228	1076303	49.485	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	689209	52.810	ng	100
85) Di-n-octyl phthalate	14.592	149	1204794	61.134	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1285168	44.946	ng	99
88) Benzo(b)fluoranthene	15.027	252	1237142	49.157	ng	100
89) Benzo(k)fluoranthene	15.057	252	1102497	51.838	ng	99
90) Benzo(a)pyrene	15.386	252	1135658	54.693	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	1050244	45.413	ng	99
92) Benzo(g,h,i)perylene	17.339	276	911679	37.900	ng	99

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

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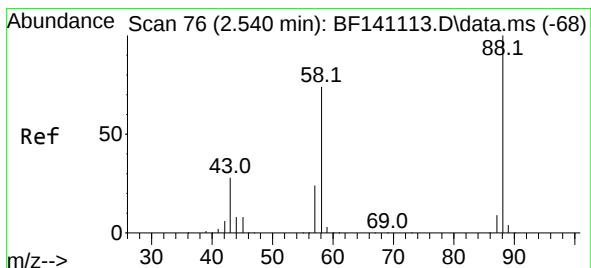
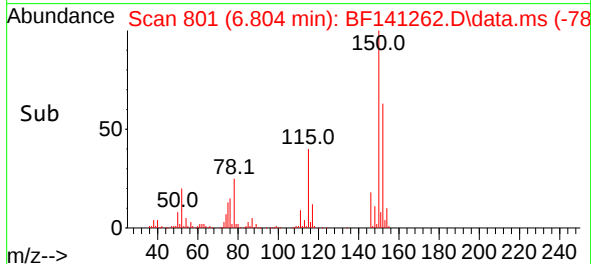
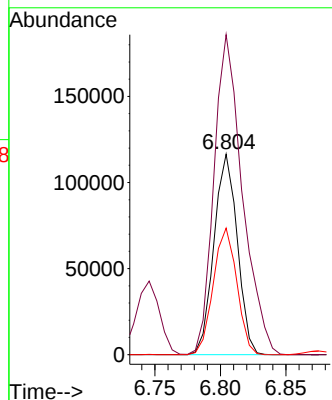
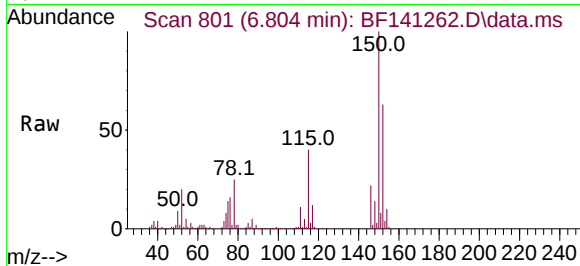




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

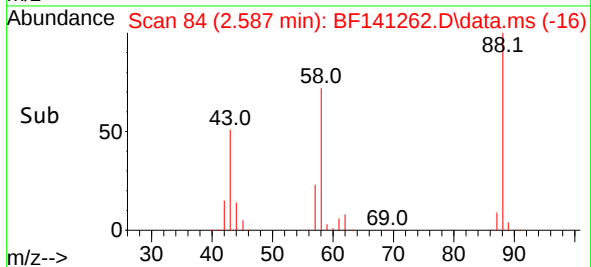
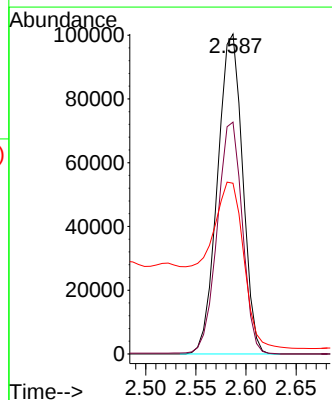
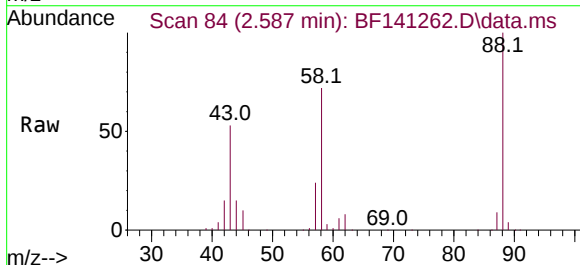
Instrument :
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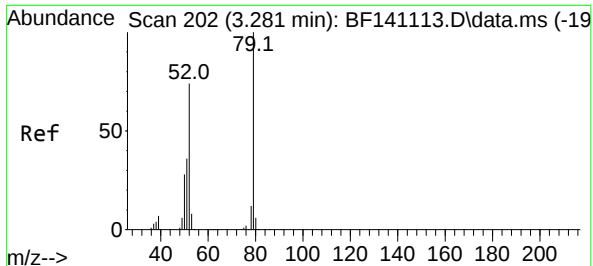
Tgt Ion:152 Resp: 144006
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.8 188.8
 115 63.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.002 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.047 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

Tgt Ion: 88 Resp: 174361
 Ion Ratio Lower Upper
 88 100
 58 72.6 60.1 90.1
 43 68.7 23.1 34.7#

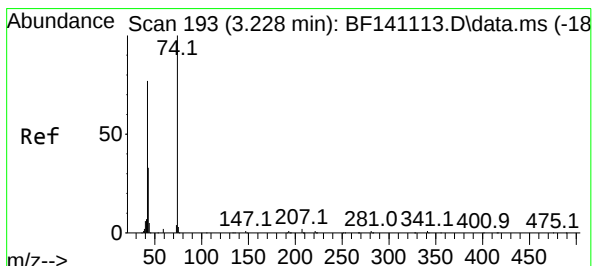
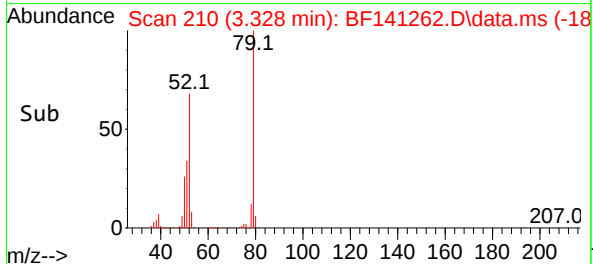
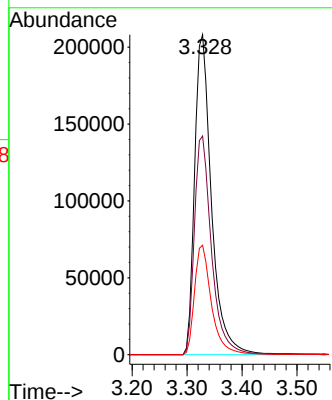
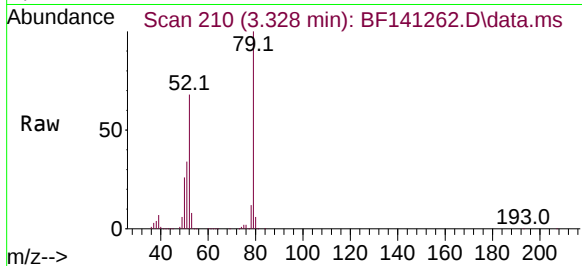




#3
Pyridine
Concen: 43.672 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

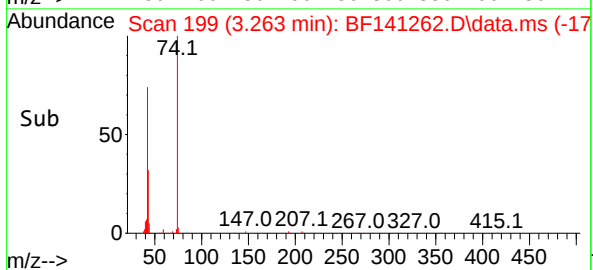
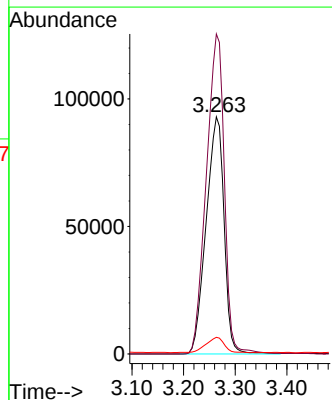
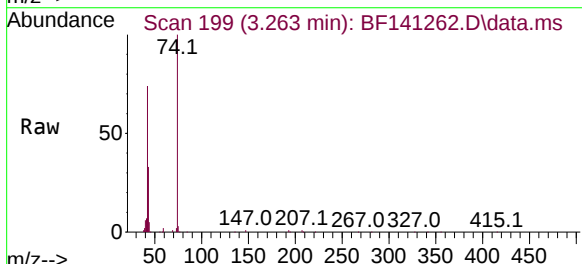
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BNA_F
ClientSampleId :
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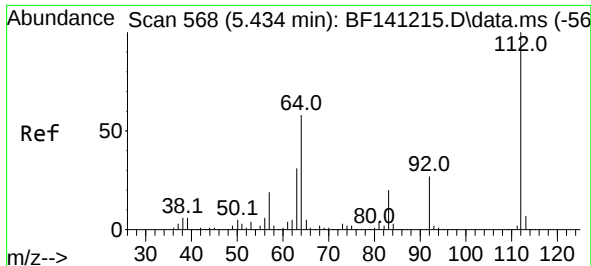
Tgt Ion: 79 Resp: 444567
Ion Ratio Lower Upper
79 100
52 68.4 58.9 88.3
51 34.2 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 45.081 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.035 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 42 Resp: 224391
Ion Ratio Lower Upper
42 100
74 134.9 103.8 155.6
44 7.0 5.3 7.9

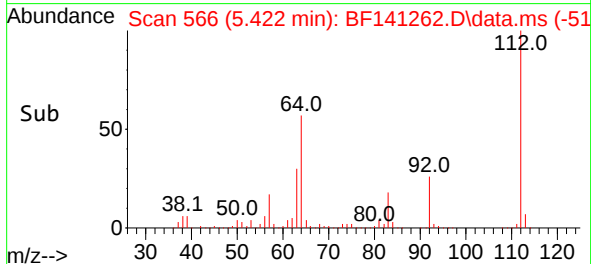
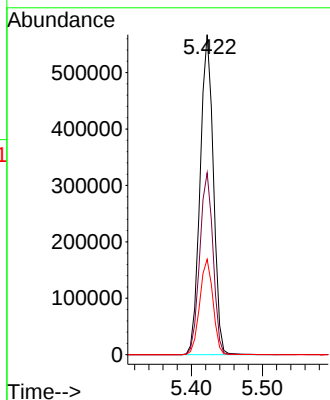
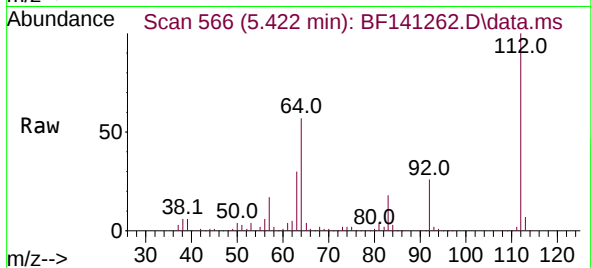




#5
2-Fluorophenol
Concen: 79.159 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

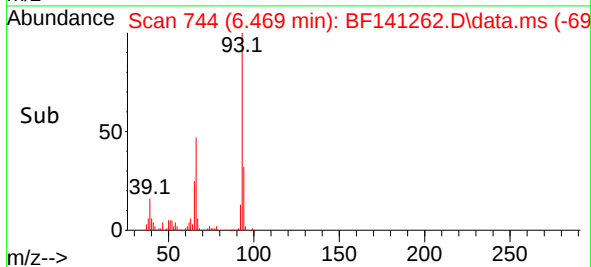
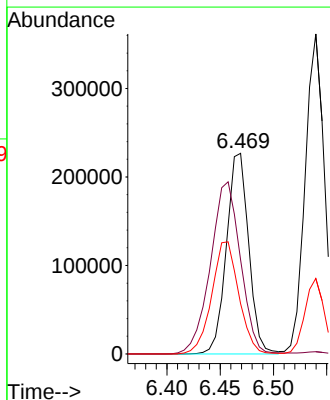
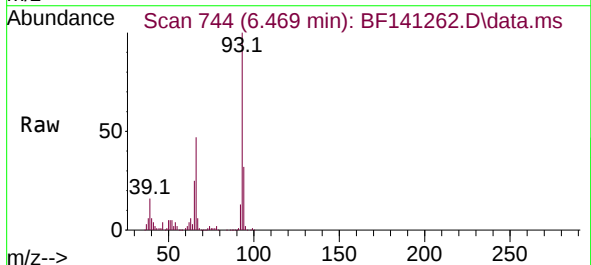
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:112 Resp: 737914
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.8 24.2 36.2



#6
Aniline
Concen: 31.435 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 93 Resp: 329558
Ion Ratio Lower Upper
93 100
66 46.9 31.5 47.3
65 25.1 15.3 22.9#

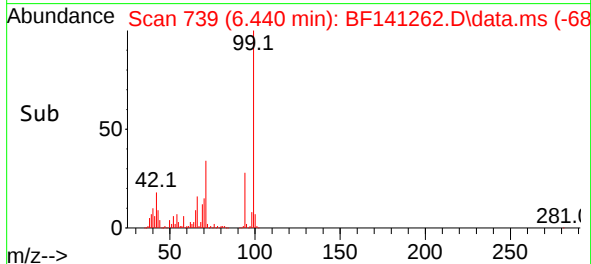
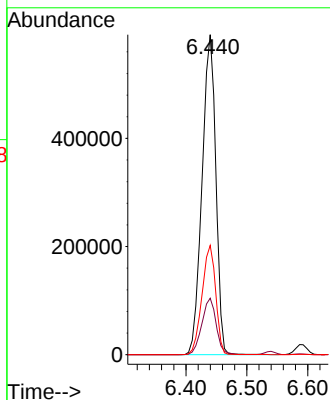
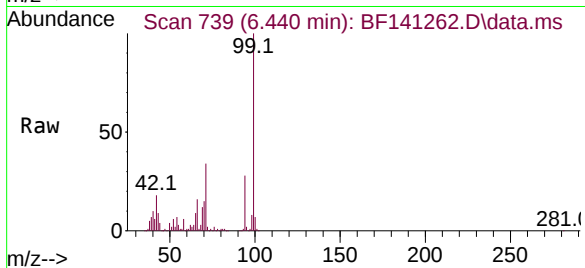




#7
Phenol-d6
Concen: 78.700 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

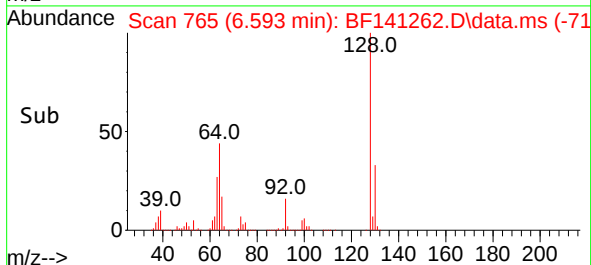
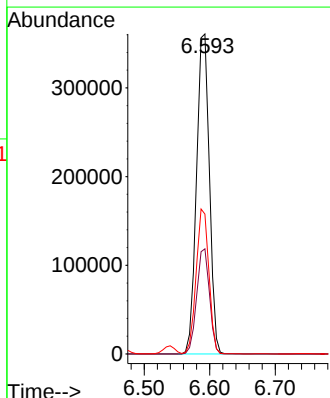
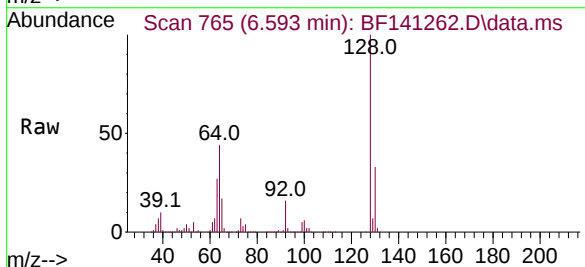
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 929306
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.2 27.6 41.4



#8
2-Chlorophenol
Concen: 49.473 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 128 Resp: 494798
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 43.7 28.3 68.3

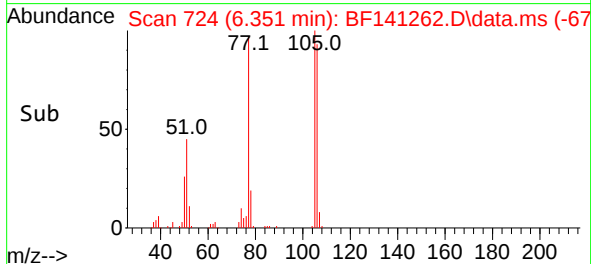
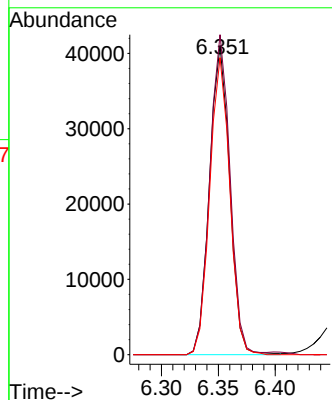
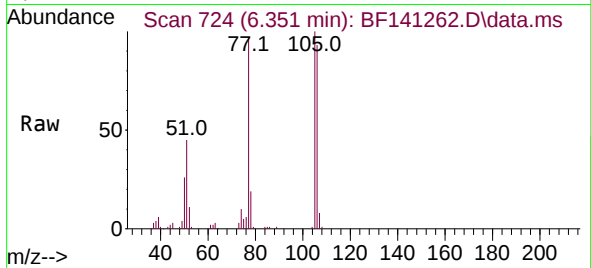




#9
Benzaldehyde
Concen: 7.310 ng
RT: 6.351 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

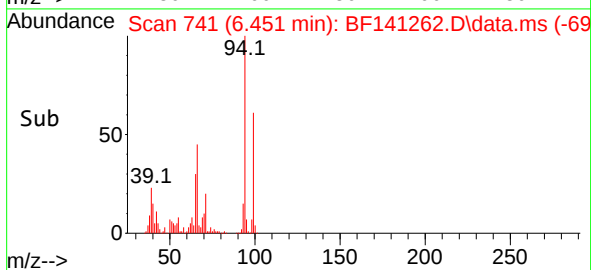
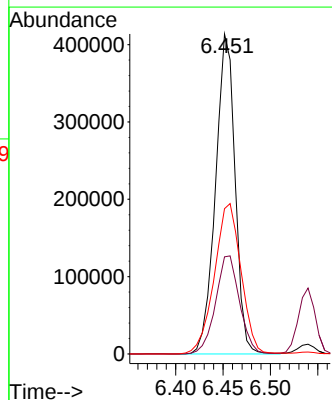
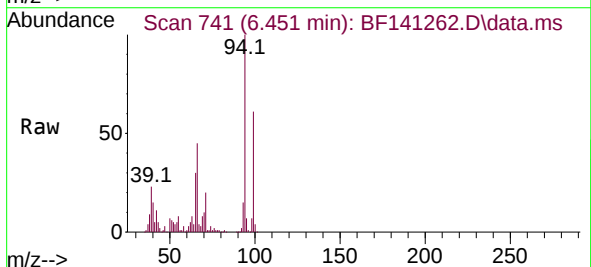
Instrument :
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SPILL-SITEMSD

Tgt Ion: 77 Resp: 50842
Ion Ratio Lower Upper
77 100
105 103.5 78.9 118.9
106 96.1 73.6 113.6



#10
Phenol
Concen: 47.123 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 94 Resp: 595642
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 45.4 21.2 61.2

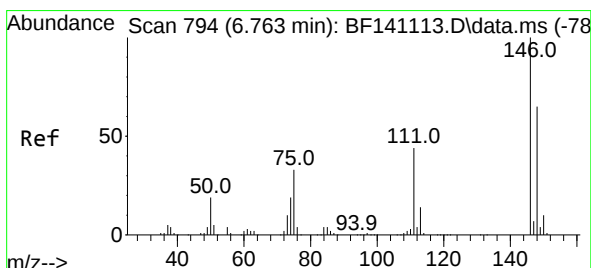
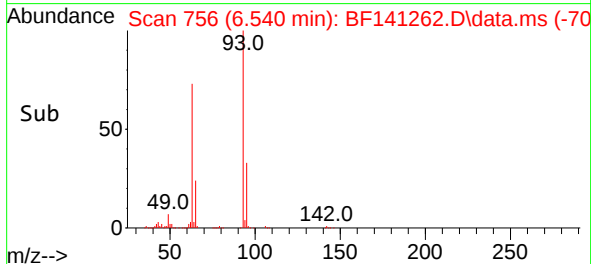
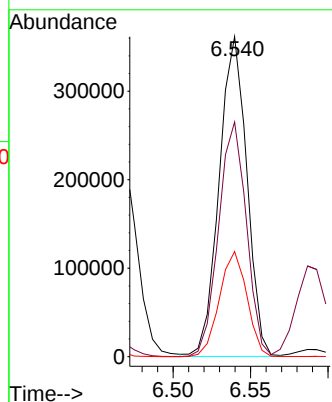
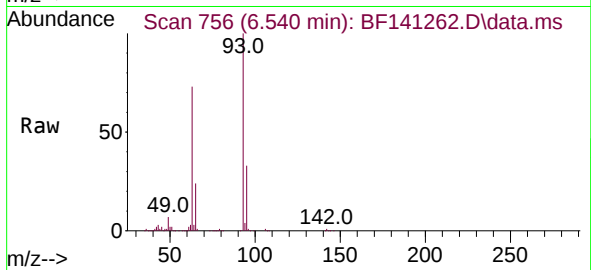




#11
bis(2-Chloroethyl)ether
Concen: 47.729 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

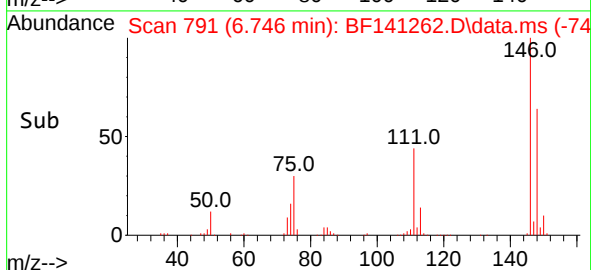
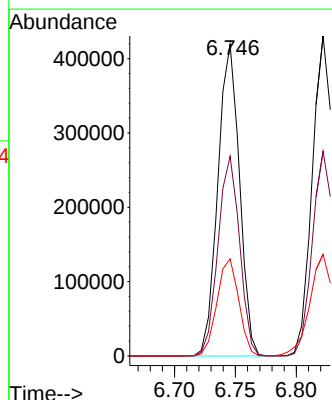
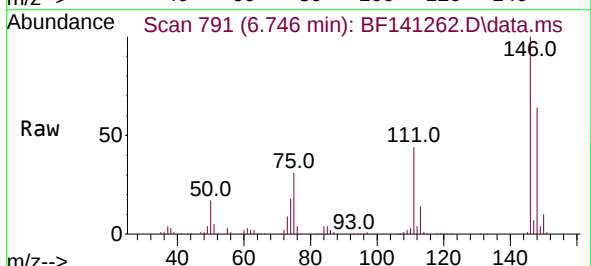
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

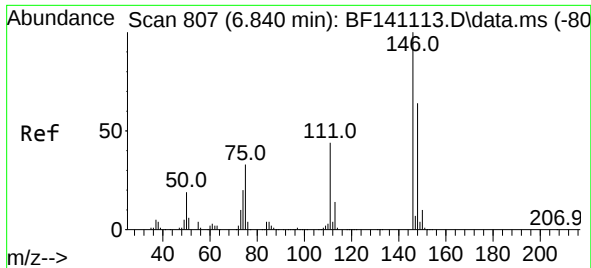
Tgt Ion: 93 Resp: 449611
Ion Ratio Lower Upper
93 100
63 73.4 58.0 98.0
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 46.433 ng
RT: 6.746 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

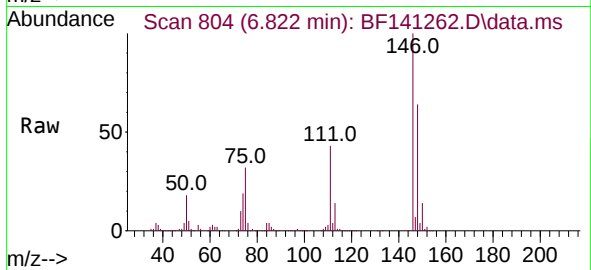
Tgt Ion:146 Resp: 517946
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 31.1 26.2 39.2



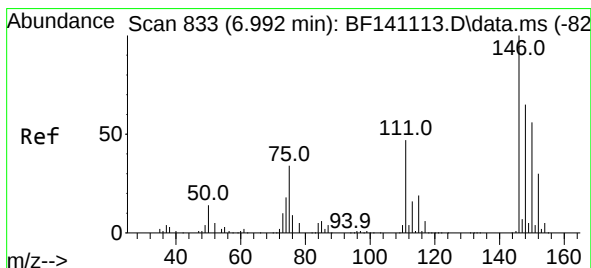
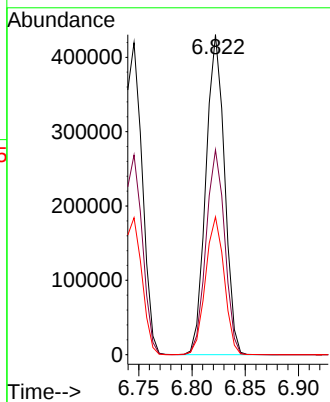
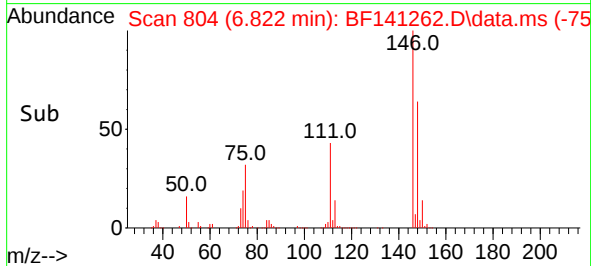


#13
1,4-Dichlorobenzene
Concen: 46.771 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

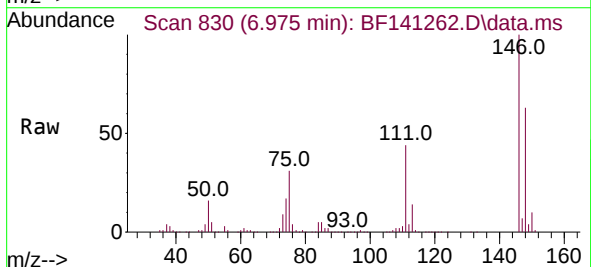
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD



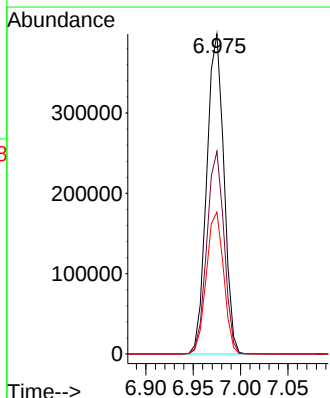
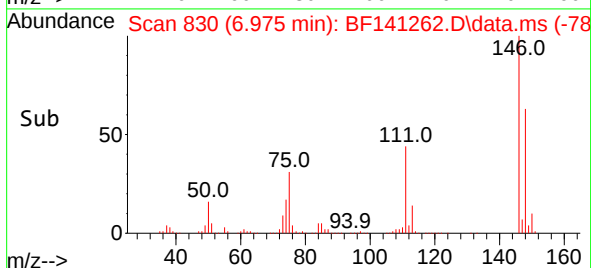
Tgt Ion:146 Resp: 525735
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 43.1 34.9 52.3

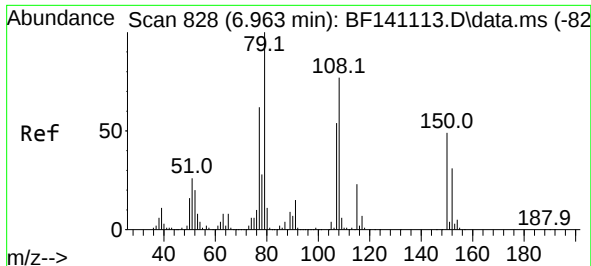


#14
1,2-Dichlorobenzene
Concen: 48.023 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09



Tgt Ion:146 Resp: 503528
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 44.4 37.5 56.3

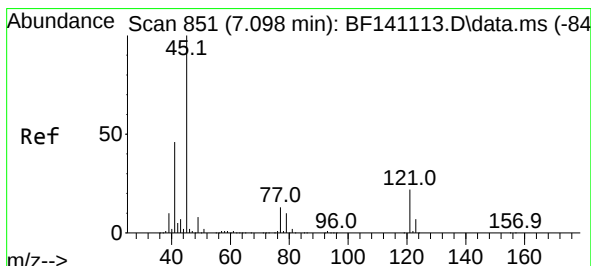
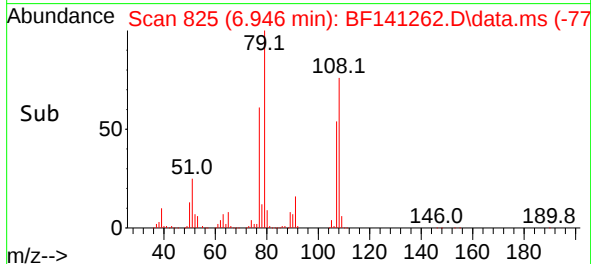
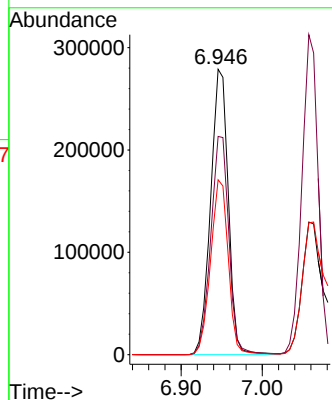
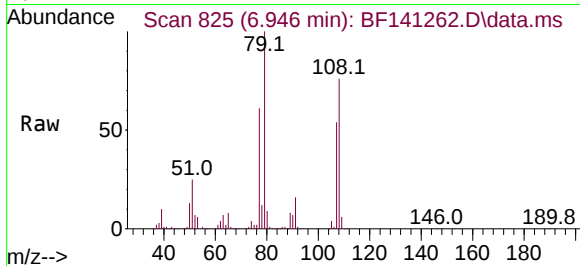




#15
Benzyl Alcohol
Concen: 49.440 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

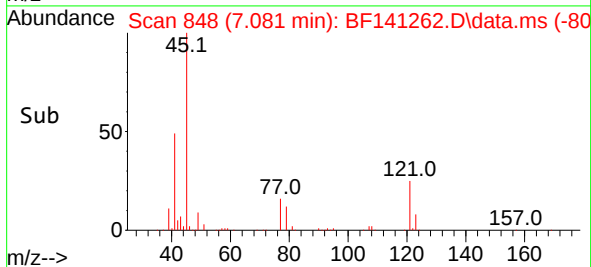
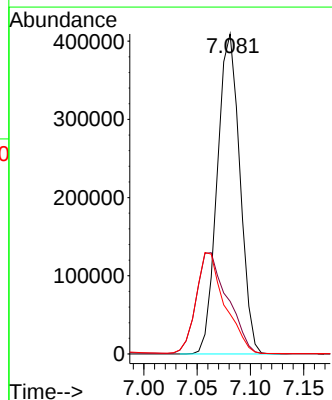
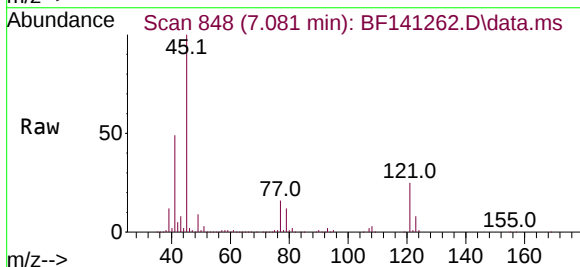
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

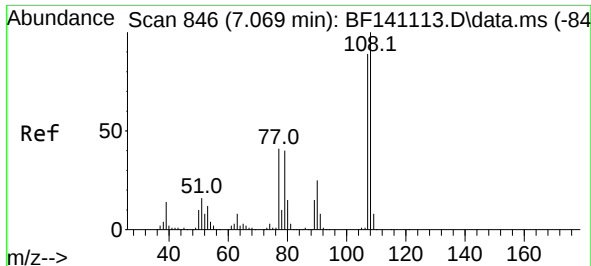
Tgt Ion: 79 Resp: 421604
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 61.3 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.889 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

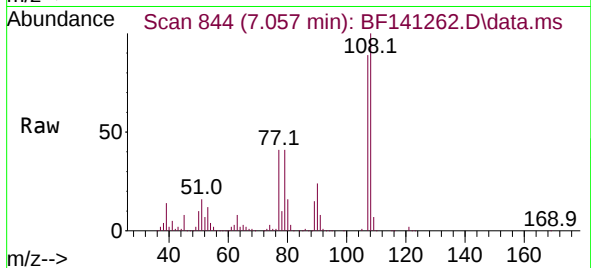
Tgt Ion: 45 Resp: 603230
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.1
79 12.5 0.0 31.0



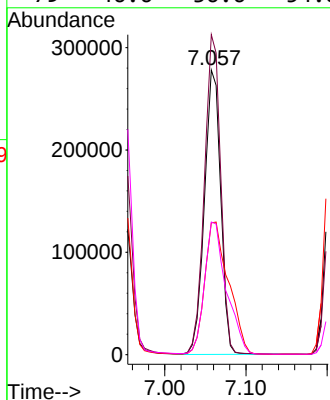
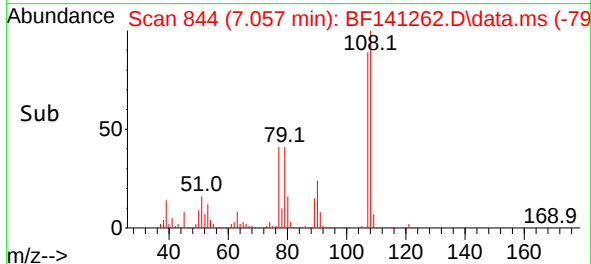


#17
2-Methylphenol
Concen: 47.773 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

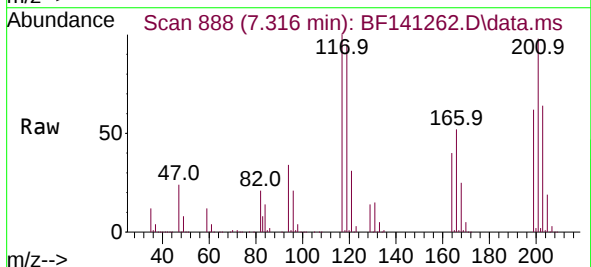
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD



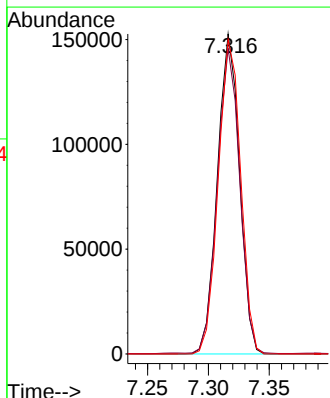
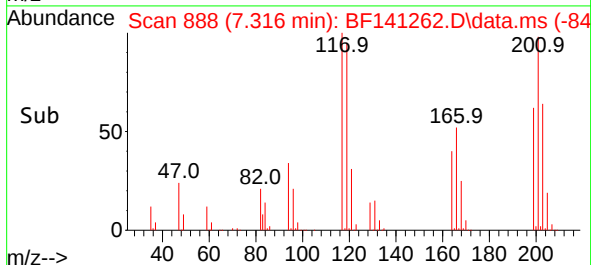
Tgt Ion:	107	Resp:	385744
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.1	135.1
77	46.3	36.6	55.0
79	46.6	36.6	54.8



#18
Hexachloroethane
Concen: 47.530 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09



Tgt Ion:	117	Resp:	193205
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.6	116.4
201	98.3	75.1	112.7

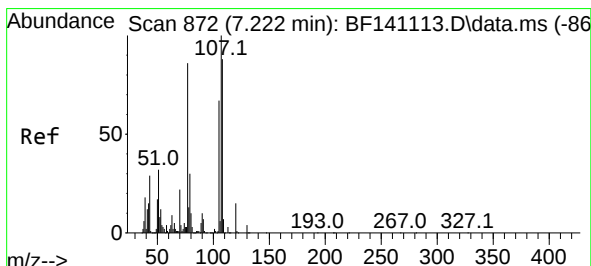
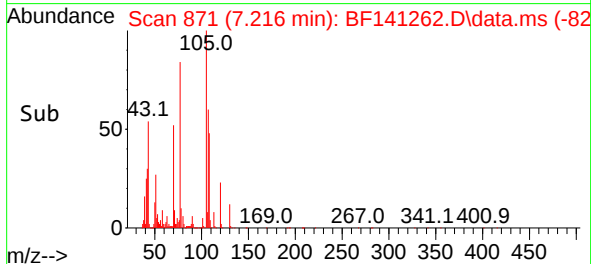
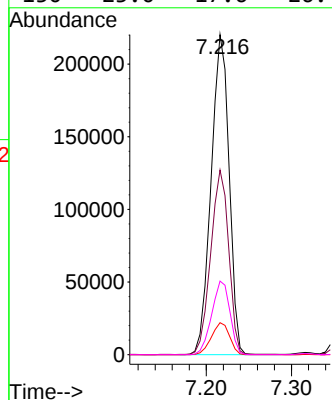
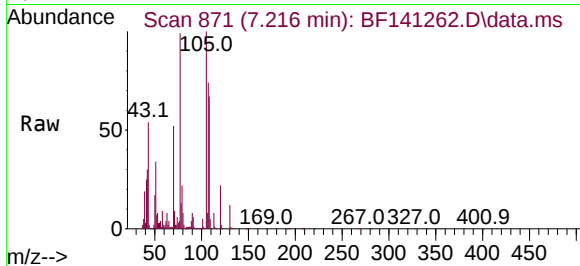




#19
n-Nitroso-di-n-propylamine
Concen: 46.409 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

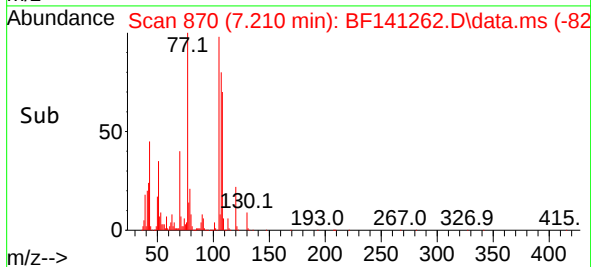
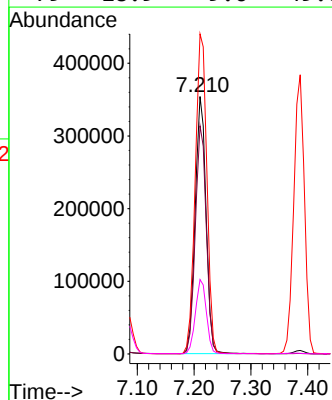
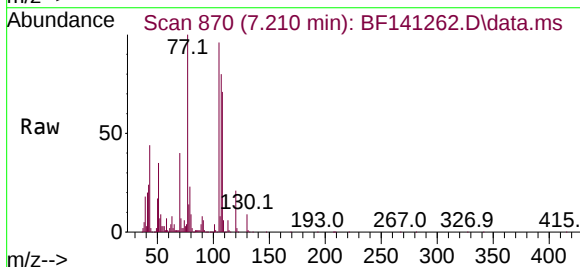
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

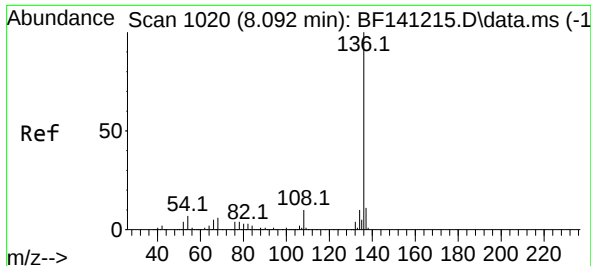
Tgt Ion: 70 Resp: 322815
Ion Ratio Lower Upper
70 100
42 57.7 47.8 71.6
101 10.0 7.9 11.9
130 23.0 17.6 26.4



#20
3+4-Methylphenols
Concen: 46.420 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 107 Resp: 472873
Ion Ratio Lower Upper
107 100
108 88.7 68.3 108.3
77 124.3 66.4 106.4#
79 28.9 9.6 49.6



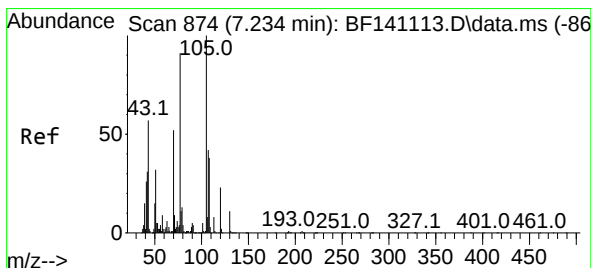
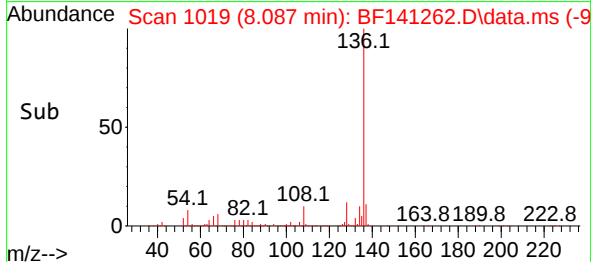
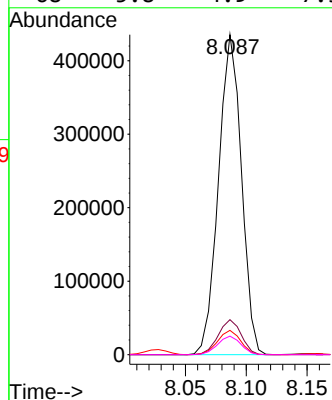
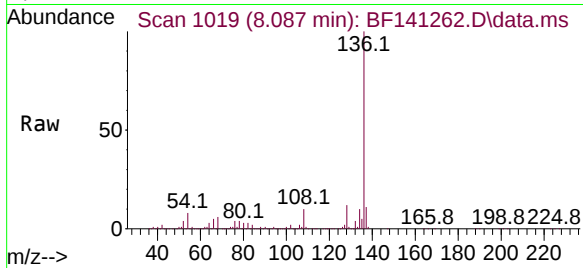


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:136 Resp: 571039

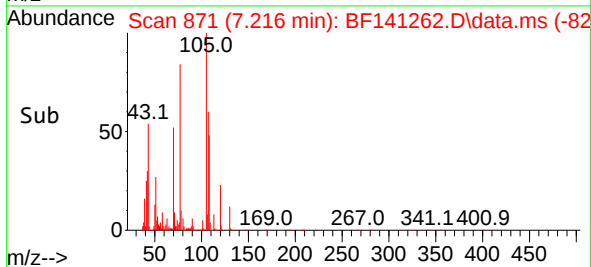
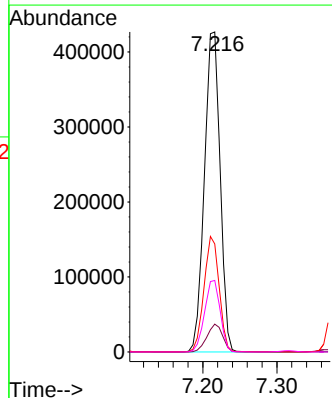
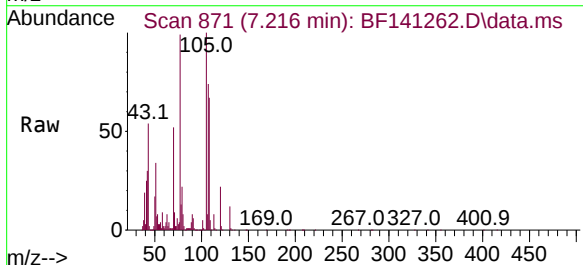
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3

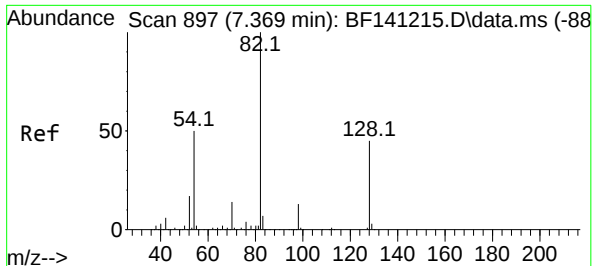


#22
Acetophenone
Concen: 46.318 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:105 Resp: 628769

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.1	10.7
51	33.8	25.4	38.2
120	22.4	18.0	27.0





#23

Nitrobenzene-d5

Concen: 54.246 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.023 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

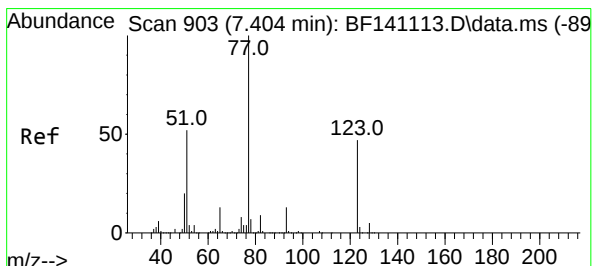
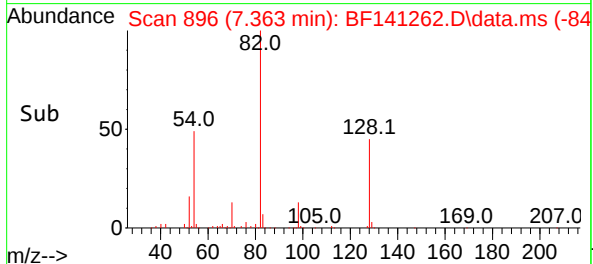
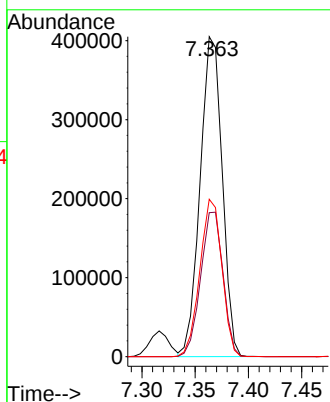
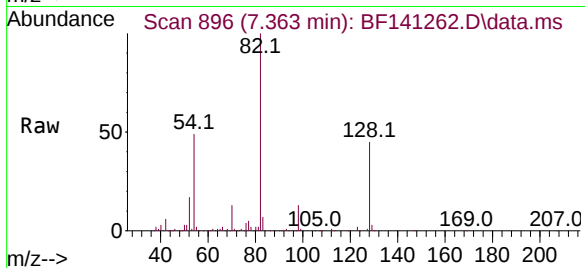
Tgt Ion: 82 Resp: 584372

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 49.2 41.0 61.4



#24

Nitrobenzene

Concen: 44.344 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.018 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

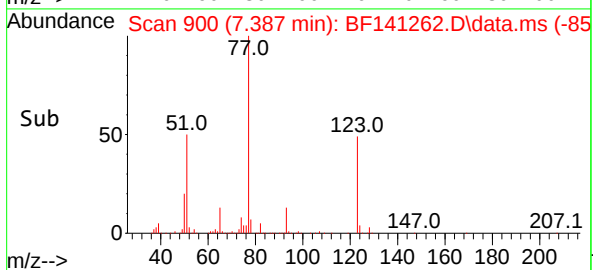
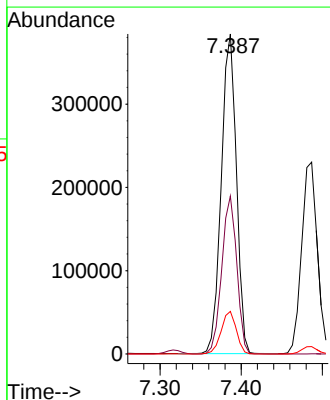
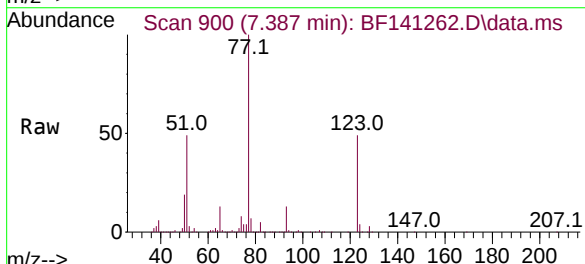
Tgt Ion: 77 Resp: 497869

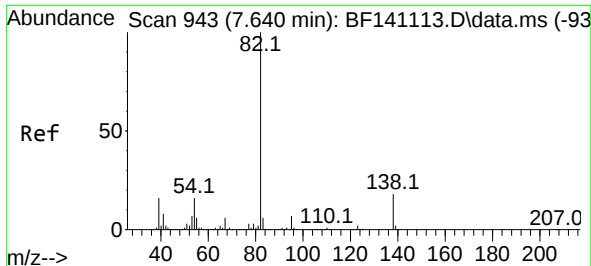
Ion Ratio Lower Upper

77 100

123 49.4 37.7 56.5

65 13.3 10.6 16.0

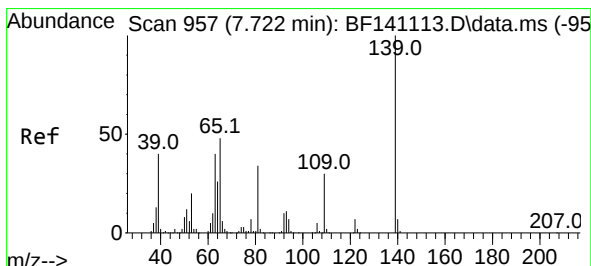
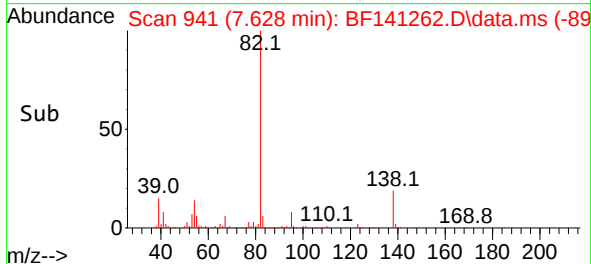
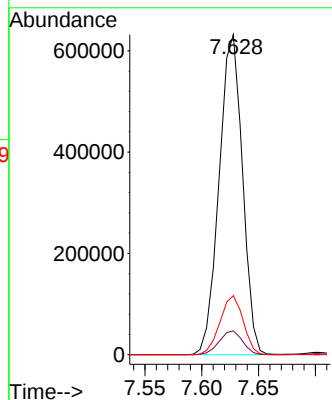
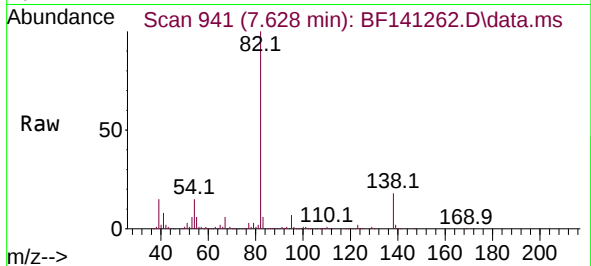




#25
Isophorone
Concen: 49.105 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

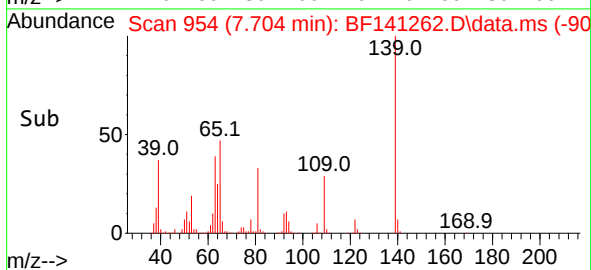
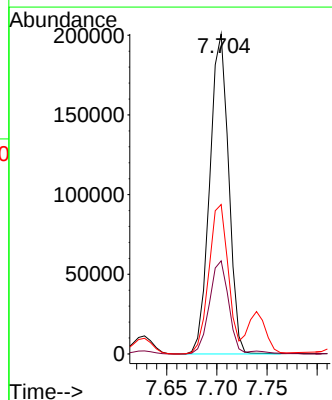
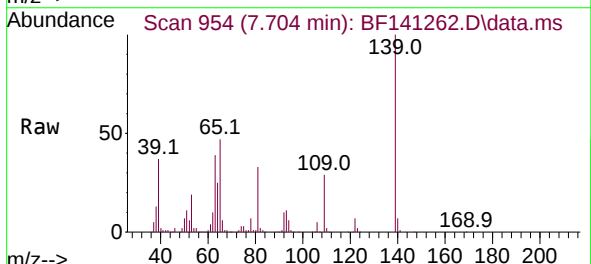
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

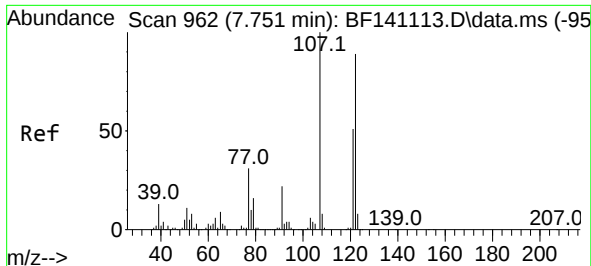
Tgt Ion: 82 Resp: 904016
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 51.597 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 139 Resp: 263514
Ion Ratio Lower Upper
139 100
109 29.1 23.8 35.6
65 46.7 38.5 57.7

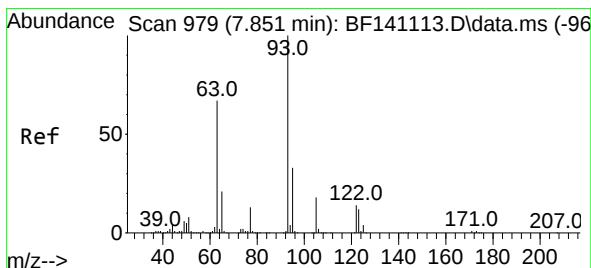
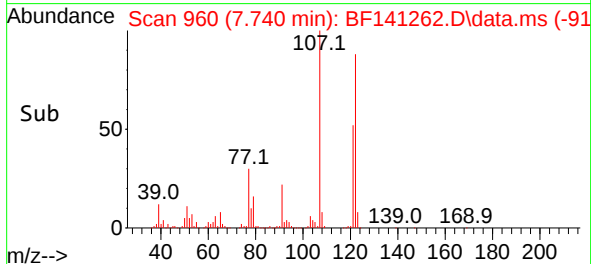
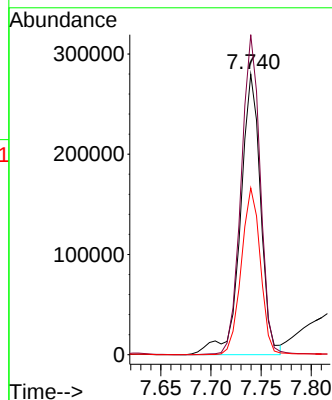
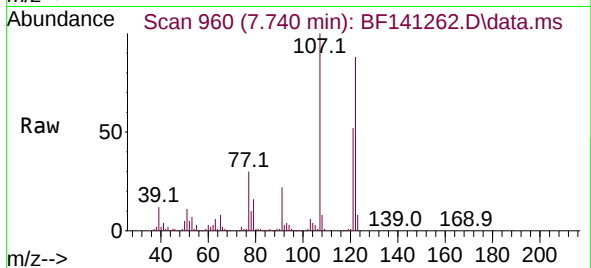




#27
2,4-Dimethylphenol
Concen: 56.971 ng
RT: 7.740 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

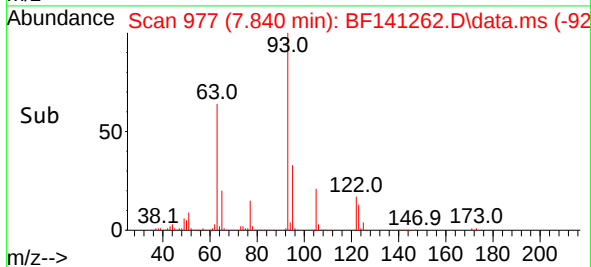
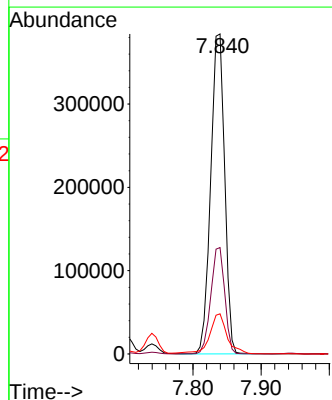
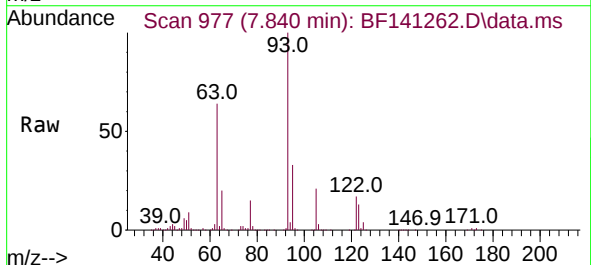
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:122 Resp: 392460
Ion Ratio Lower Upper
122 100
107 114.1 90.3 135.5
121 59.5 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 47.425 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion: 93 Resp: 547929
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.560 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

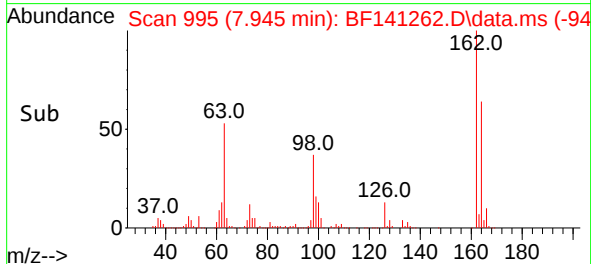
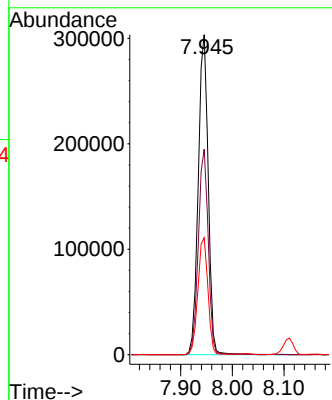
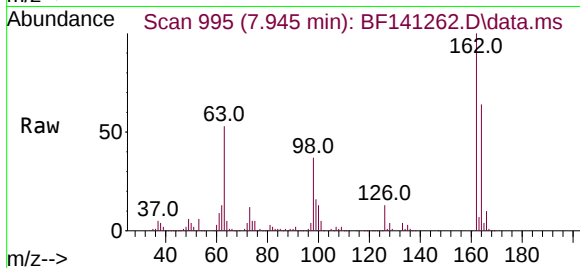
Tgt Ion:162 Resp: 405483

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 36.5 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 45.876 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

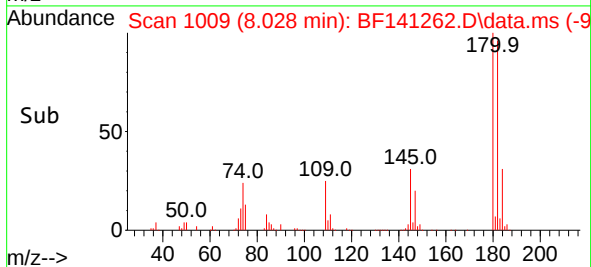
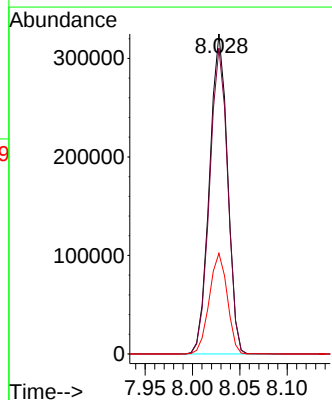
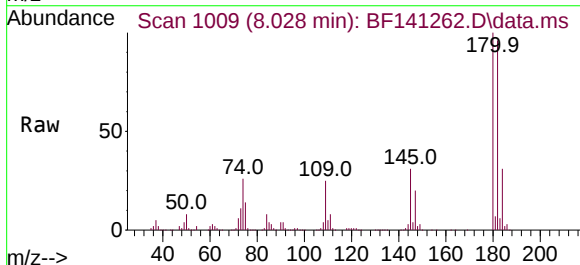
Tgt Ion:180 Resp: 429028

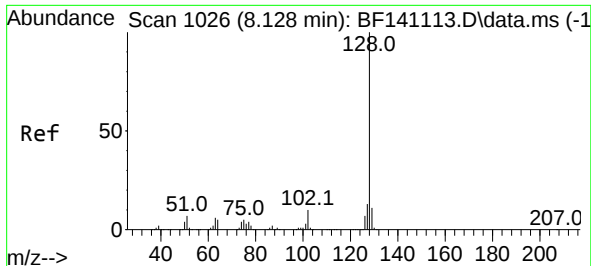
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 31.4 25.3 37.9

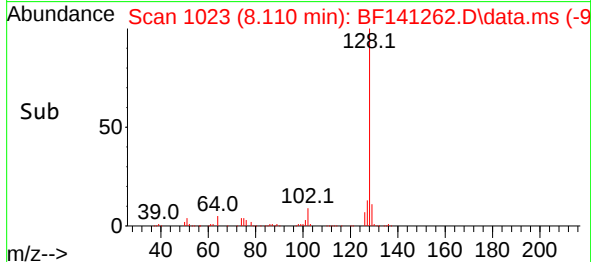
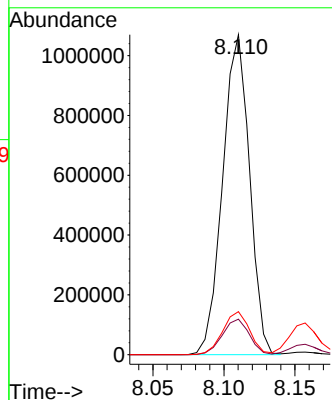
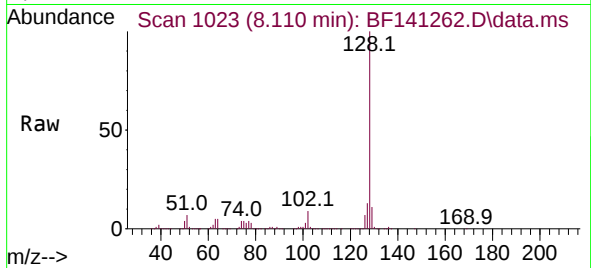




#31
Naphthalene
Concen: 46.755 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

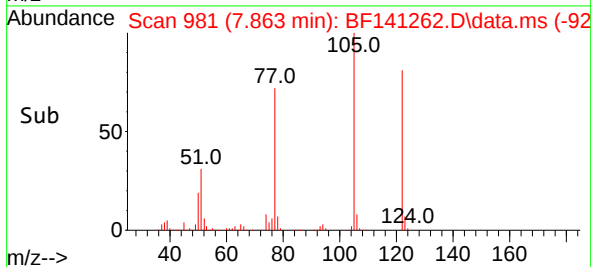
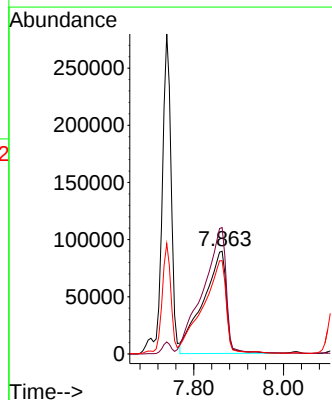
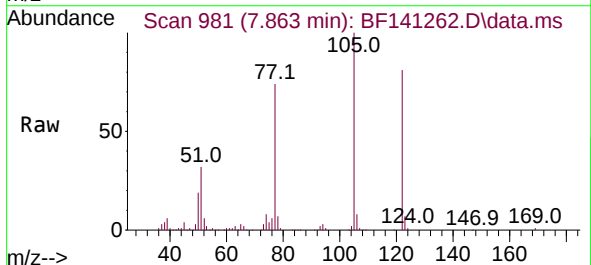
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:128 Resp: 1407998
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 48.564 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:122 Resp: 320925
Ion Ratio Lower Upper
122 100
105 123.1 105.5 145.5
77 90.8 75.1 115.1



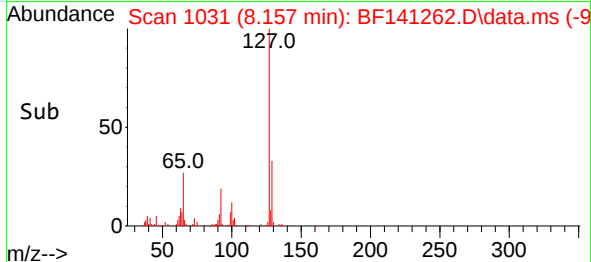
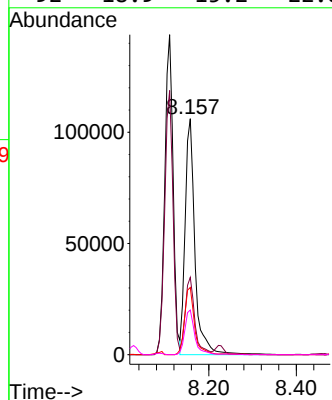
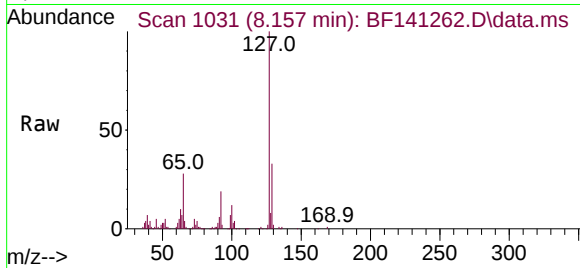


#33
4-Chloroaniline
Concen: 15.820 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:127 Resp: 164763

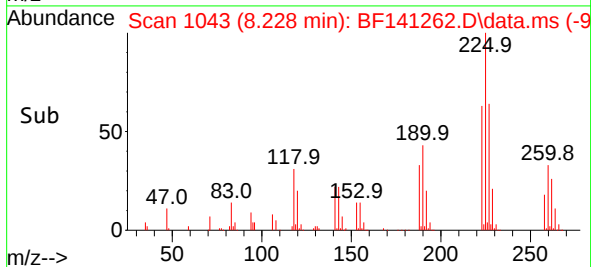
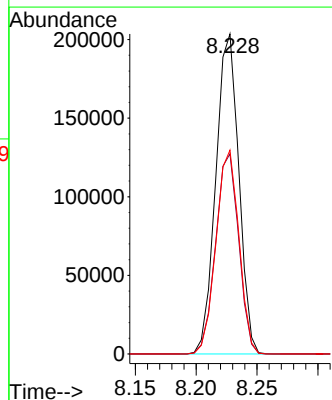
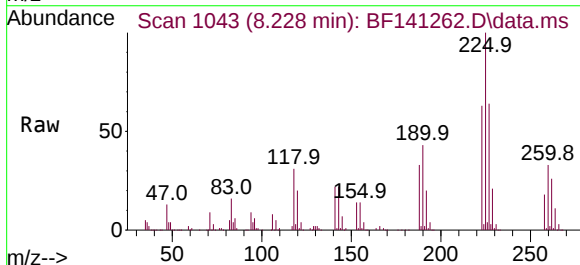
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	28.4	23.8	35.8
92	18.9	15.2	22.8

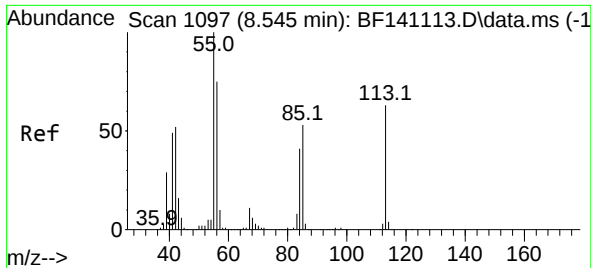


#34
Hexachlorobutadiene
Concen: 47.420 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:225 Resp: 267214

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.7	51.6	77.4

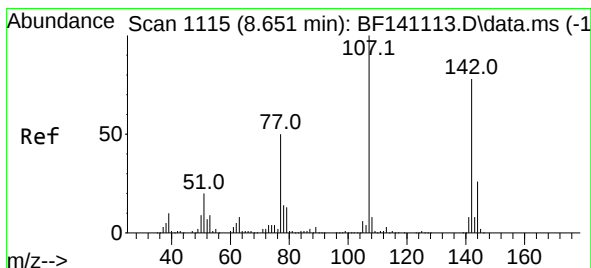
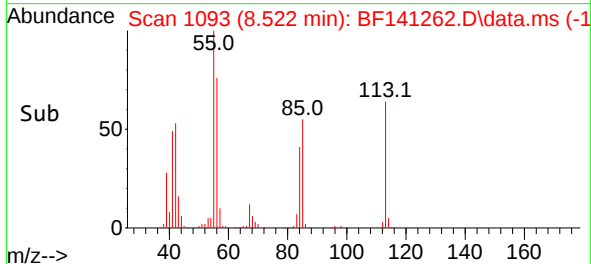
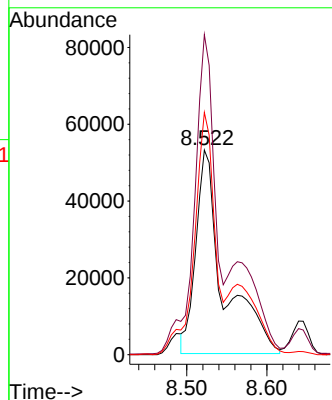
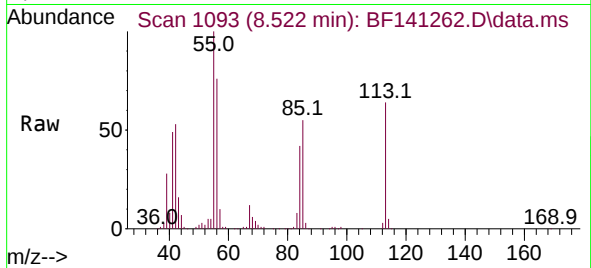




#35
 Caprolactam
 Concen: 47.497 ng m
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

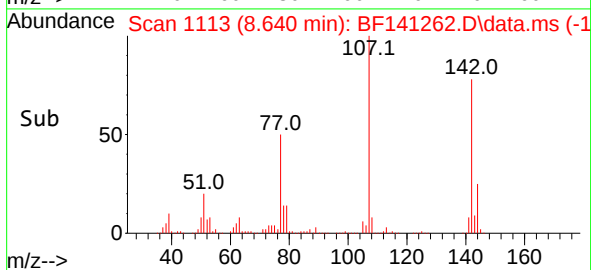
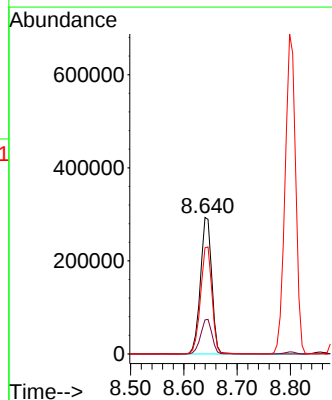
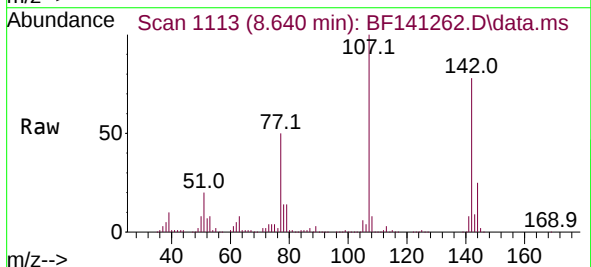
Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITEMSD

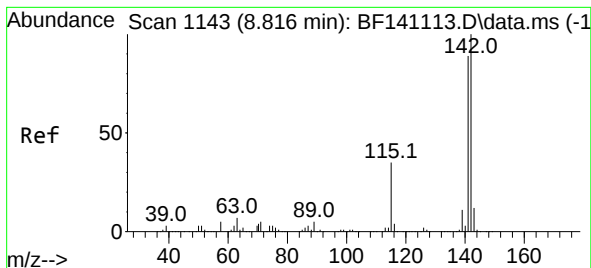
Tgt Ion:113 Resp: 127226
 Ion Ratio Lower Upper
 113 100
 55 156.4 139.7 179.7
 56 118.4 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.597 ng
 RT: 8.640 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

Tgt Ion:107 Resp: 434838
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 77.9 62.2 93.2

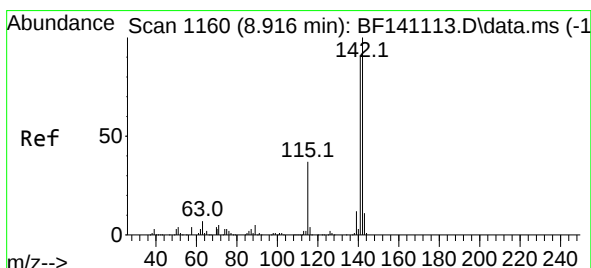
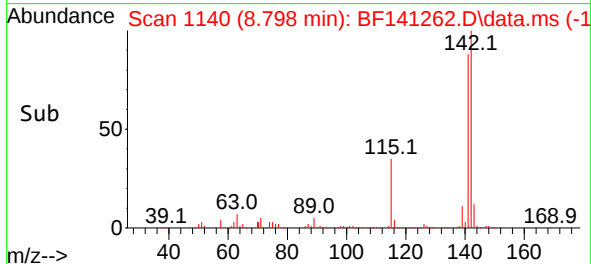
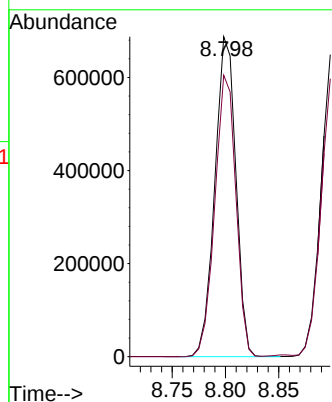
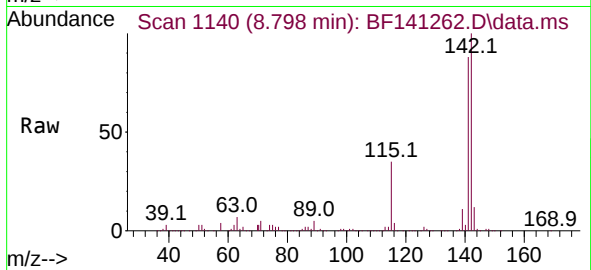




#37
2-Methylnaphthalene
Concen: 49.081 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

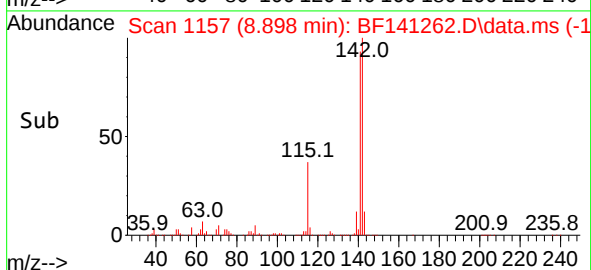
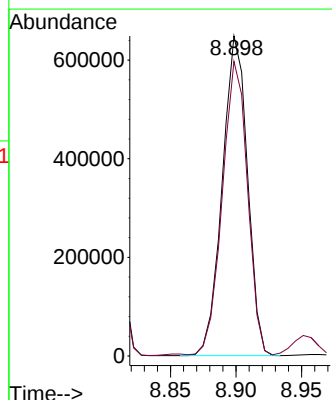
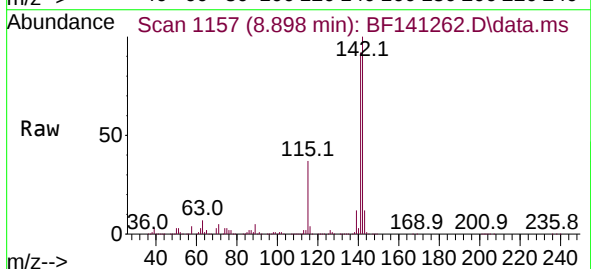
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

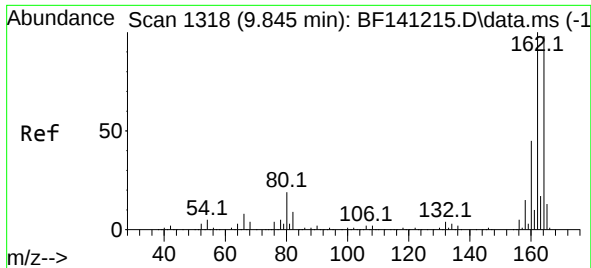
Tgt Ion:142 Resp: 941866
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9



#38
1-Methylnaphthalene
Concen: 45.772 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:142 Resp: 865648
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

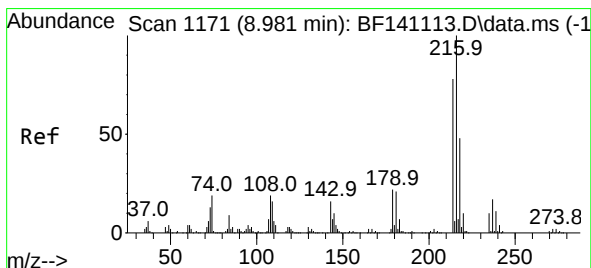
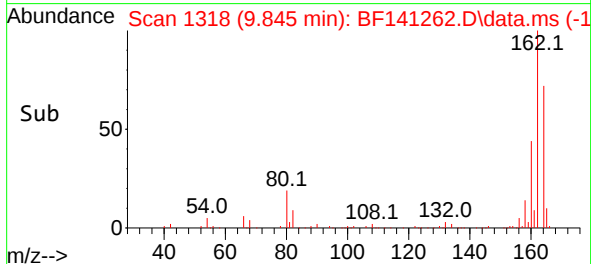
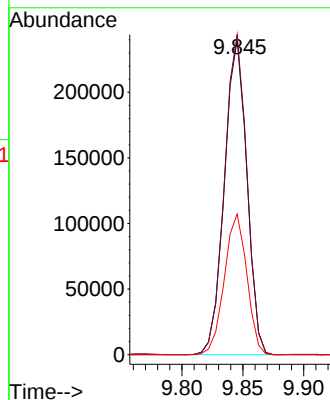
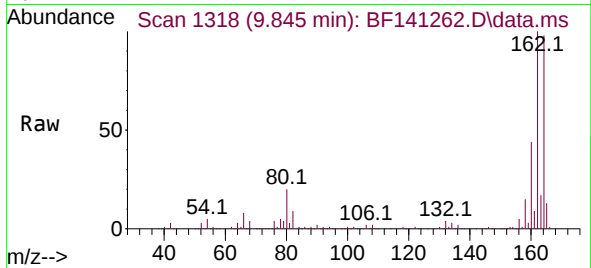




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

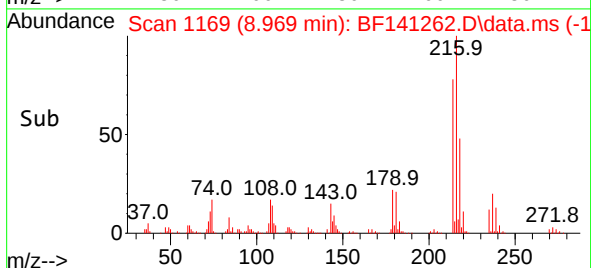
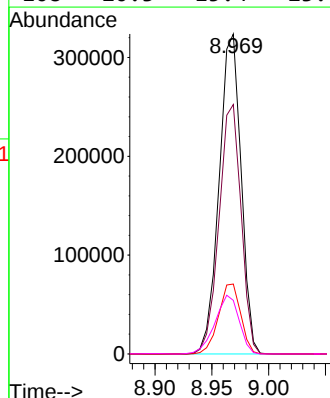
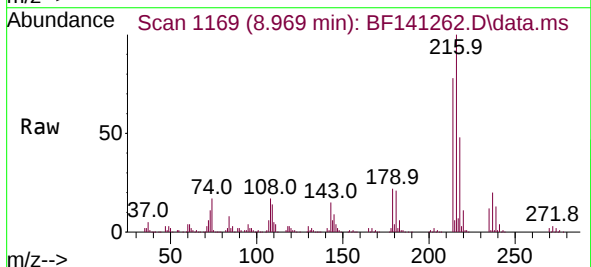
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:164 Resp: 308120
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.6 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.108 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:216 Resp: 434294
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 22.2 17.7 26.5
108 20.3 15.4 23.0

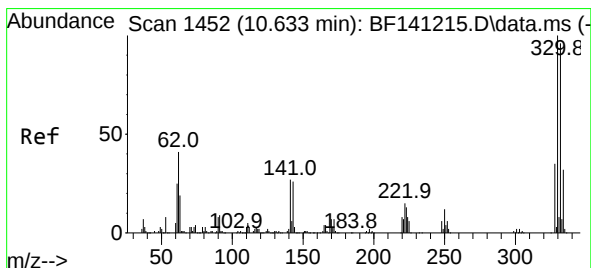
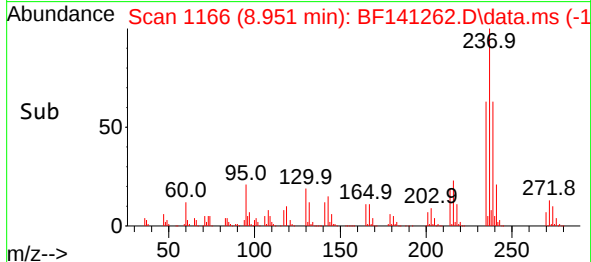
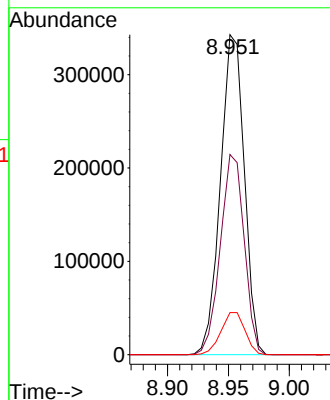
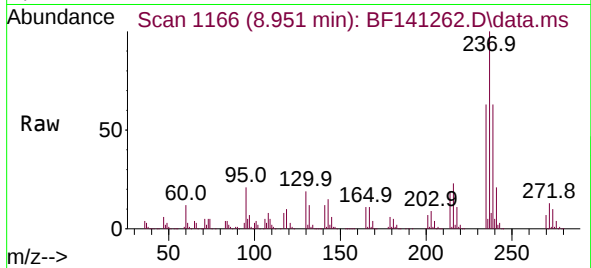




#41
Hexachlorocyclopentadiene
Concen: 161.892 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

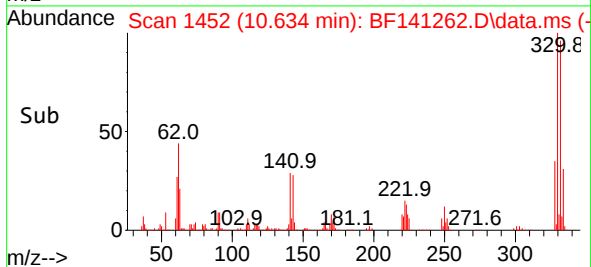
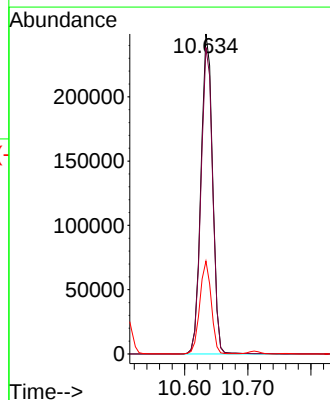
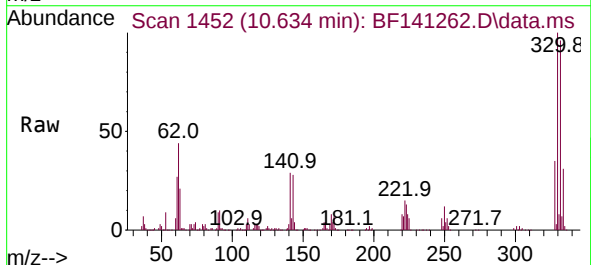
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:237 Resp: 468408
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 90.550 ng
RT: 10.634 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:330 Resp: 317904
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 28.6 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 49.813 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

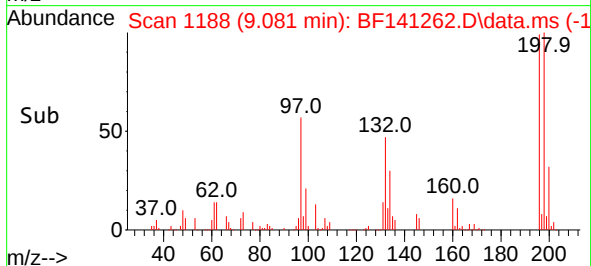
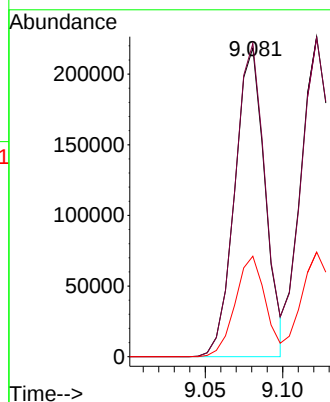
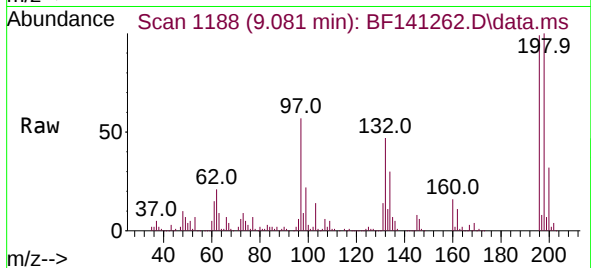
Tgt Ion:196 Resp: 297109

Ion Ratio Lower Upper

196 100

198 101.4 80.8 121.2

200 32.5 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 48.459 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Tgt Ion:196 Resp: 305256

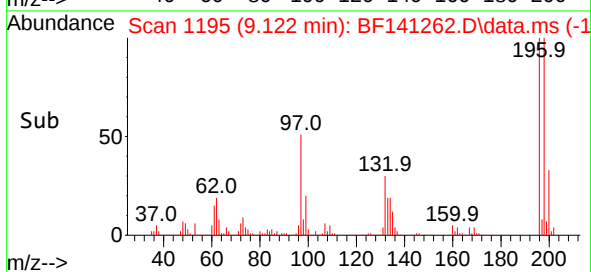
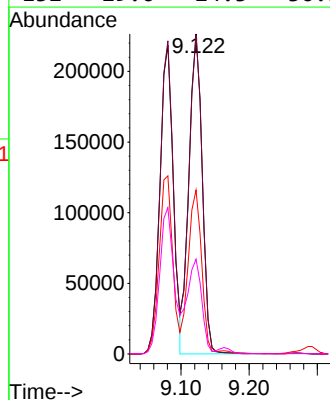
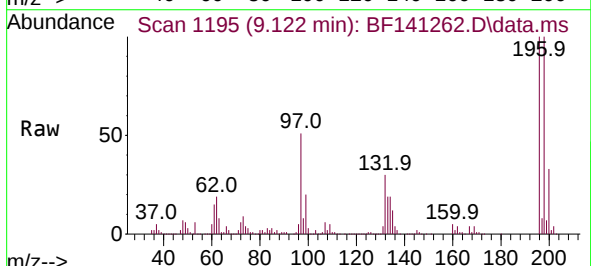
Ion Ratio Lower Upper

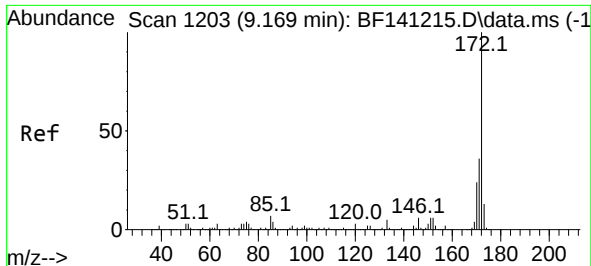
196 100

198 99.6 80.6 120.8

97 51.2 43.1 64.7

132 29.6 24.3 36.5

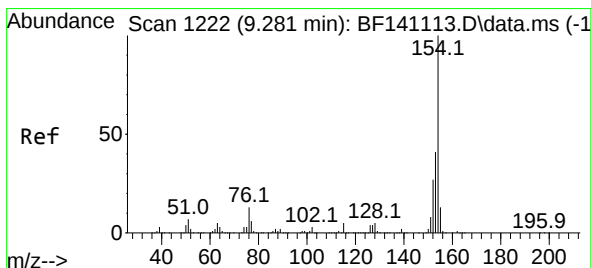
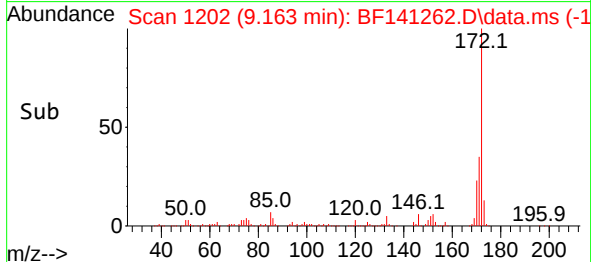
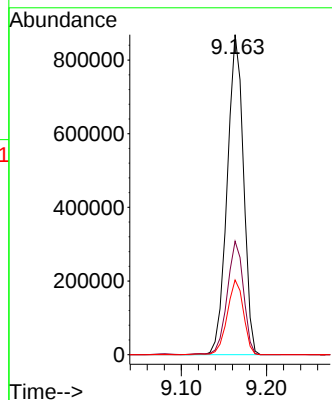
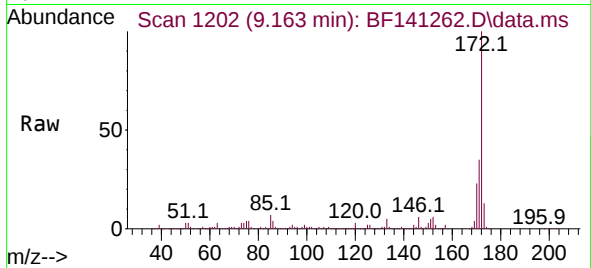




#45
2-Fluorobiphenyl
Concen: 57.028 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

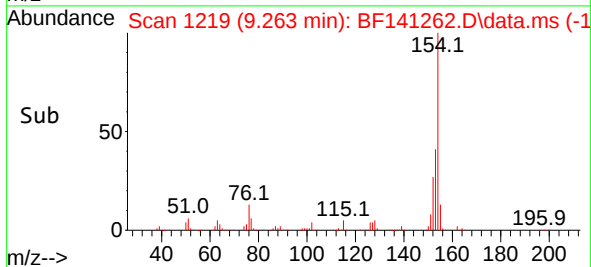
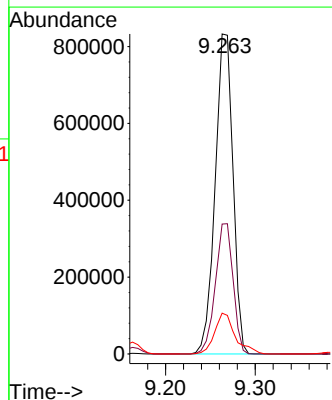
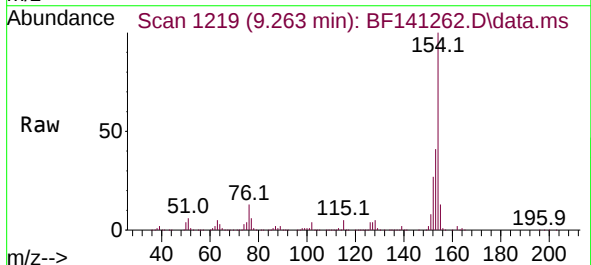
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:172 Resp: 1150691
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.922 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:154 Resp: 1146699
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.8 0.0 33.1





#47

2-Chloronaphthalene

Concen: 46.557 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

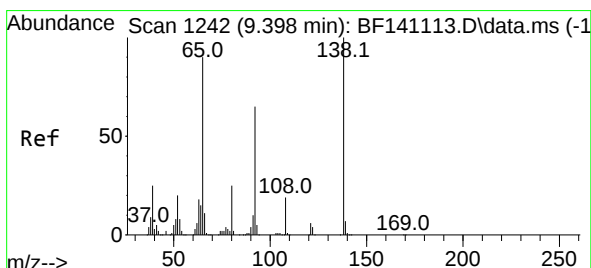
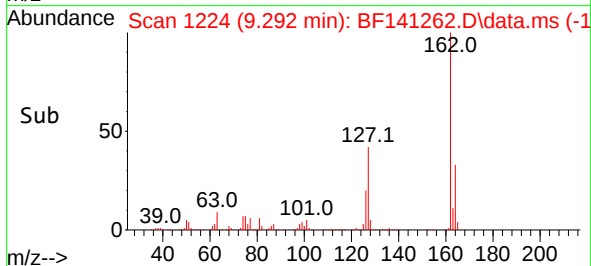
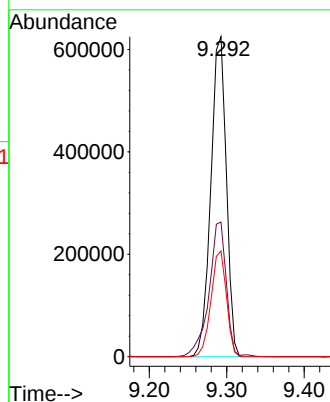
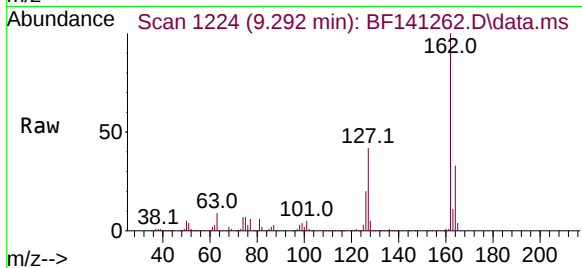
Tgt Ion:162 Resp: 867705

Ion Ratio Lower Upper

162 100

127 42.1 34.6 51.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 48.485 ng

RT: 9.387 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

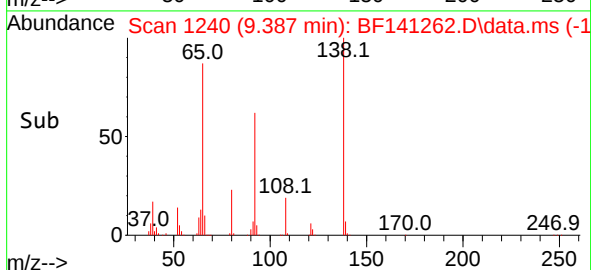
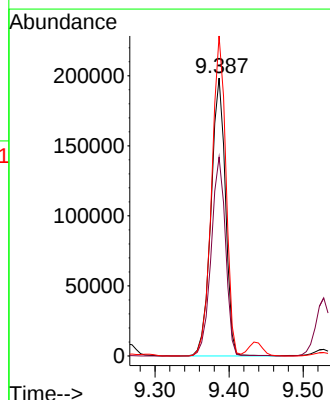
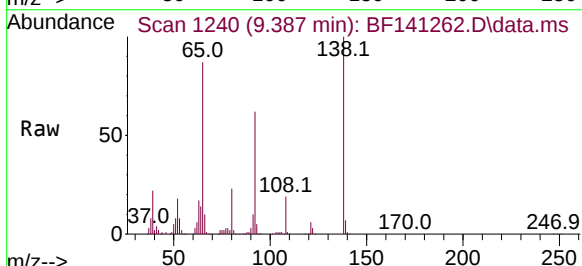
Tgt Ion: 65 Resp: 267867

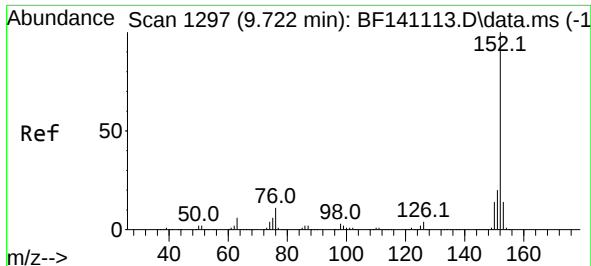
Ion Ratio Lower Upper

65 100

92 71.6 58.3 87.5

138 115.2 89.1 133.7





#49

Acenaphthylene

Concen: 50.413 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

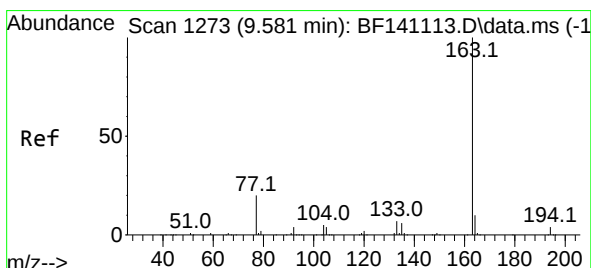
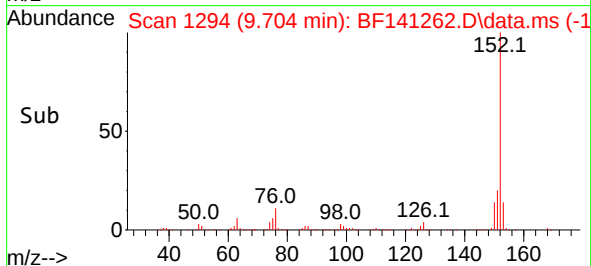
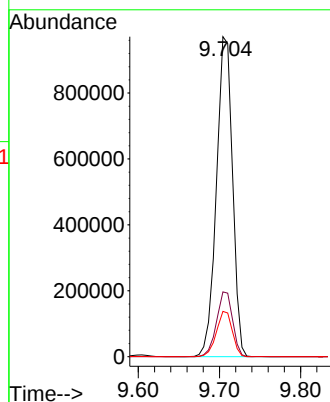
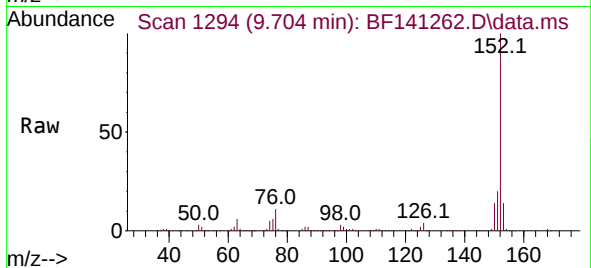
Tgt Ion:152 Resp: 1342372

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 14.2 11.1 16.7



#50

Dimethylphthalate

Concen: 50.933 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

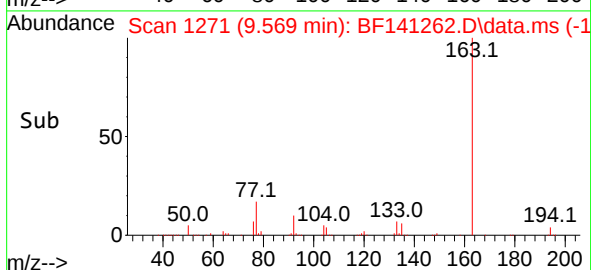
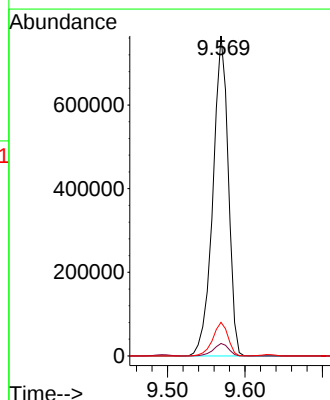
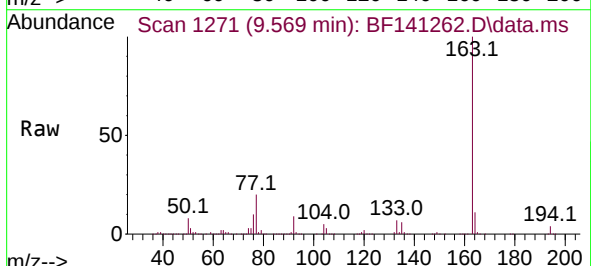
Tgt Ion:163 Resp: 1053559

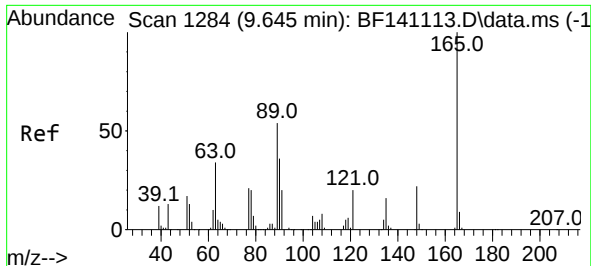
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.5 8.2 12.4

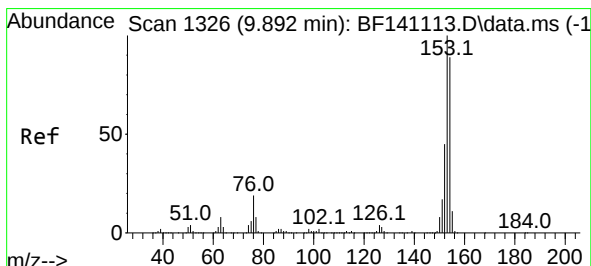
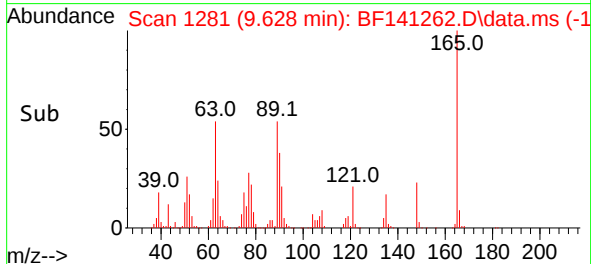
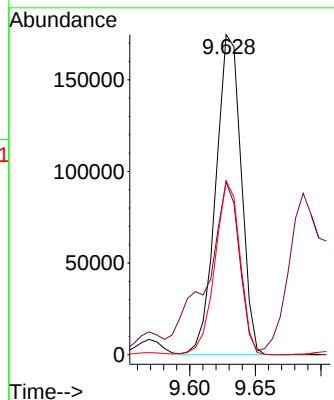
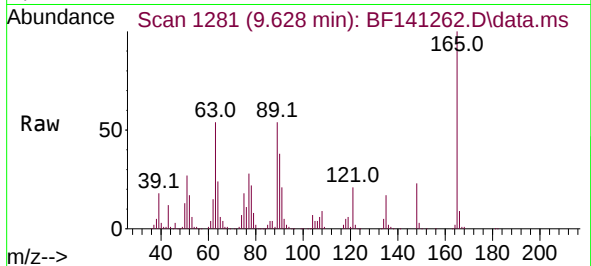




#51
2,6-Dinitrotoluene
Concen: 48.712 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

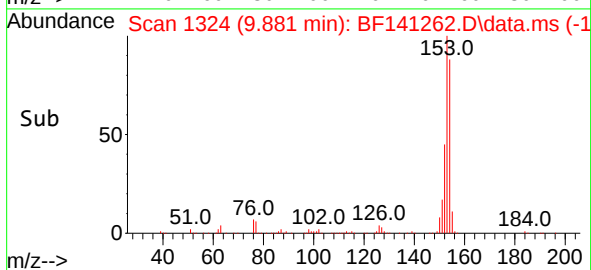
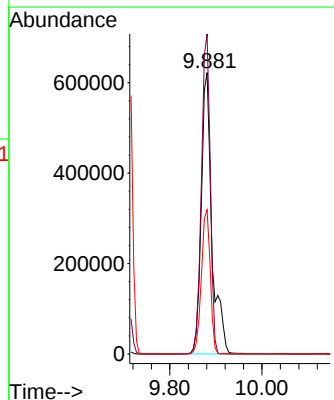
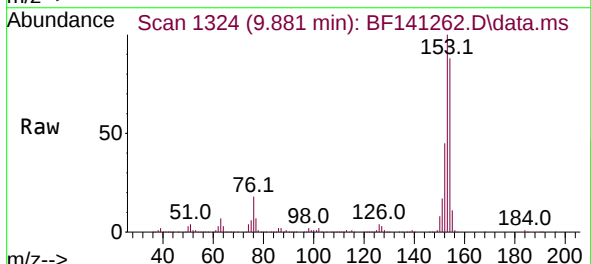
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:165 Resp: 234320
Ion Ratio Lower Upper
165 100
63 54.0 42.3 63.5
89 54.3 43.1 64.7



#52
Acenaphthene
Concen: 54.059 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:154 Resp: 1005670
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 51.2 40.8 61.2

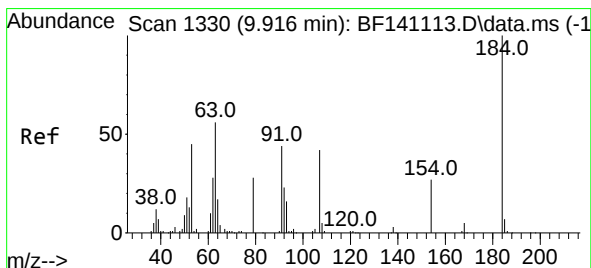
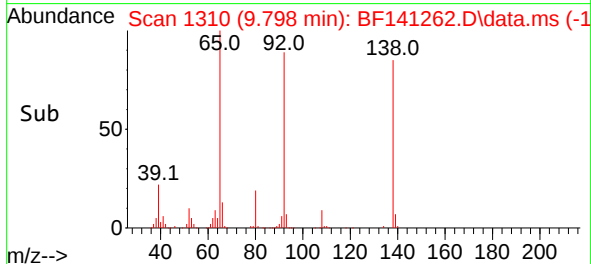
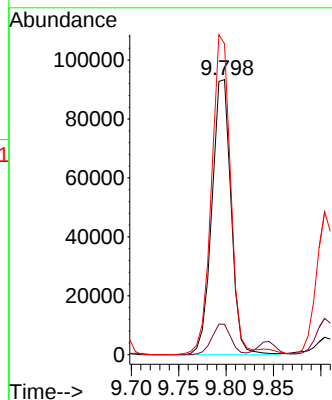
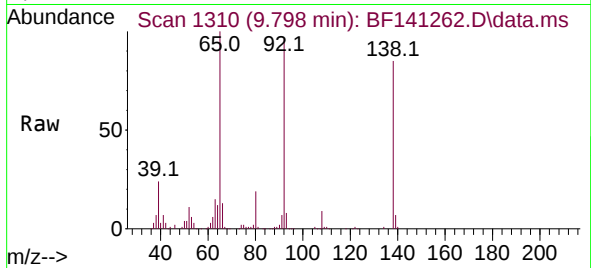




#53
3-Nitroaniline
Concen: 26.895 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

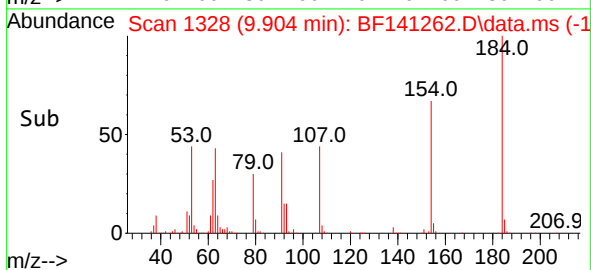
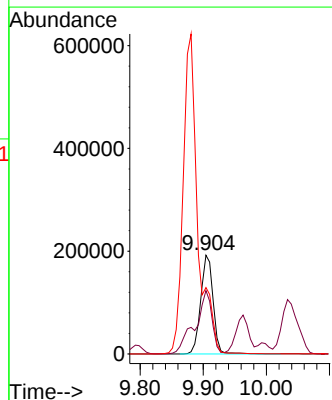
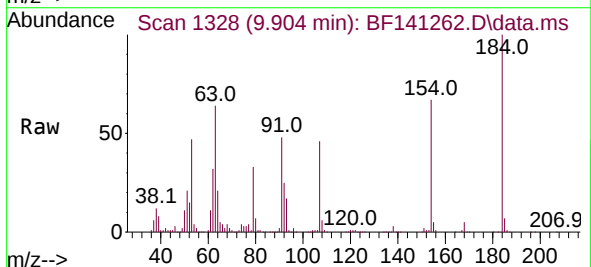
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

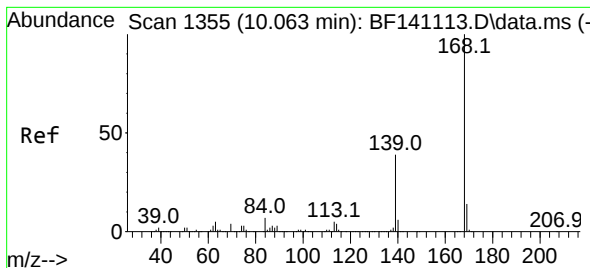
Tgt Ion:138 Resp: 131469
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 113.0 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 114.654 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:184 Resp: 262147
Ion Ratio Lower Upper
184 100
63 64.1 48.7 73.1
154 67.2 57.1 85.7

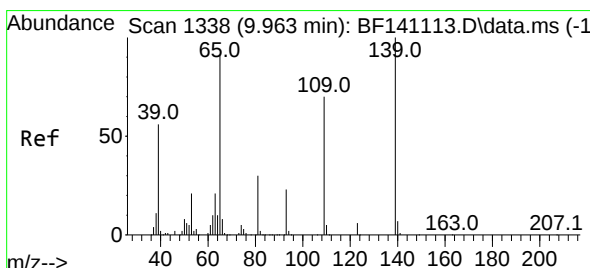
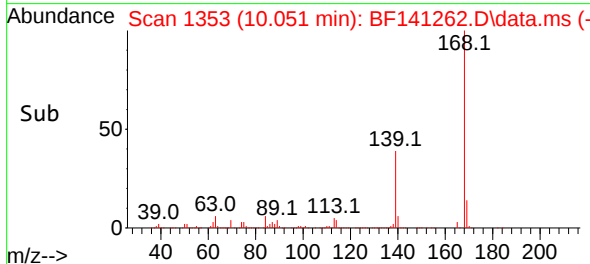
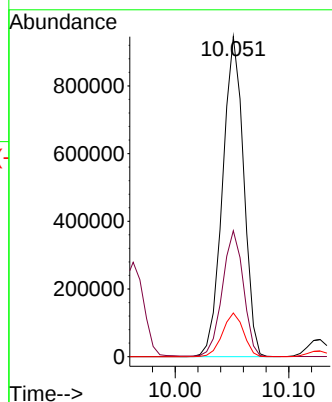
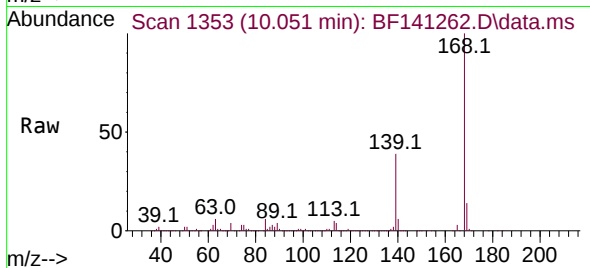




#55
Dibenzenofuran
Concen: 48.243 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

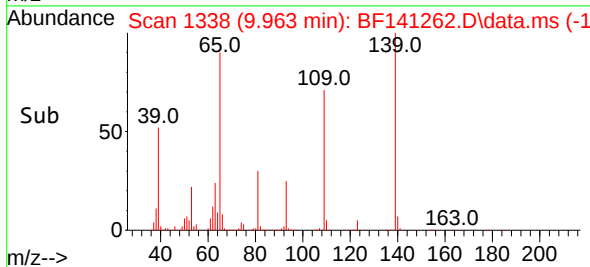
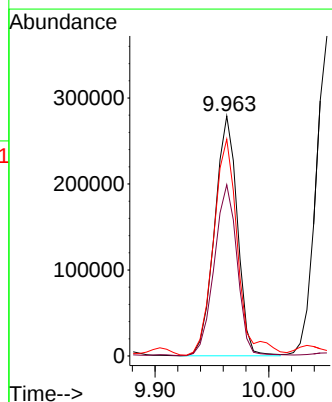
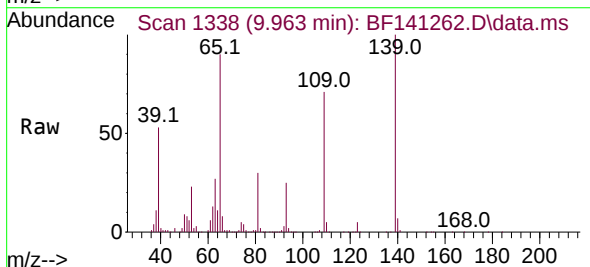
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

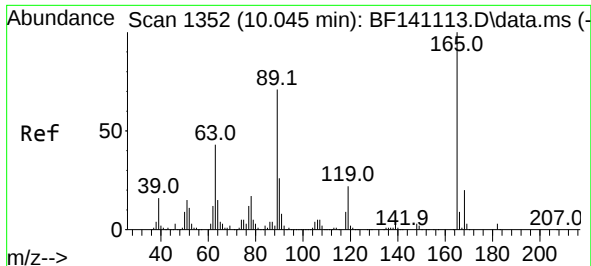
Tgt Ion:168 Resp: 1220749
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 101.573 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:139 Resp: 388856
Ion Ratio Lower Upper
139 100
109 71.4 50.2 90.2
65 90.3 72.1 112.1

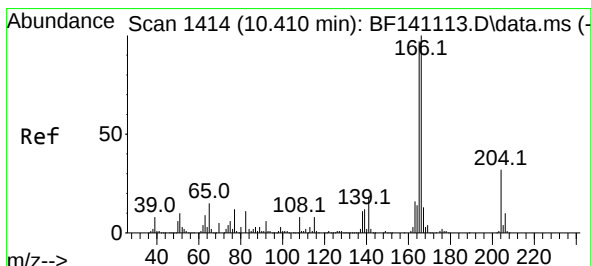
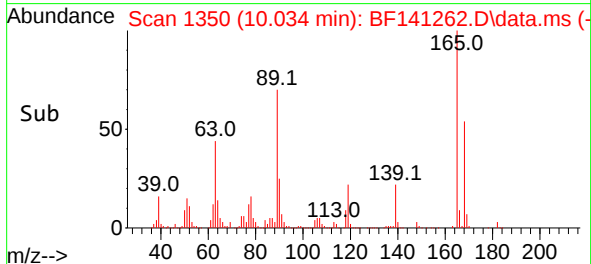
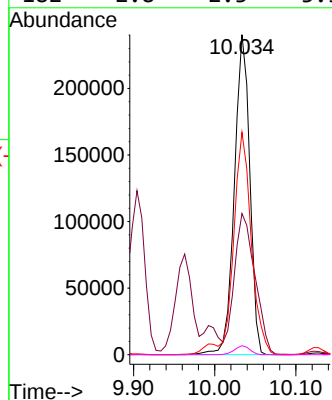
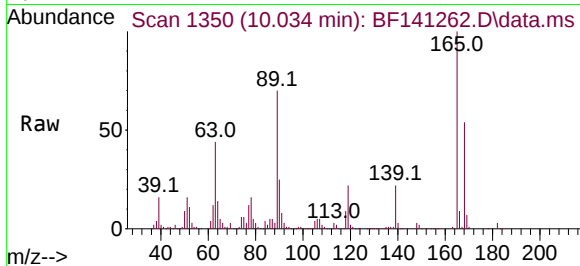




#57
2,4-Dinitrotoluene
Concen: 50.935 ng
RT: 10.034 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

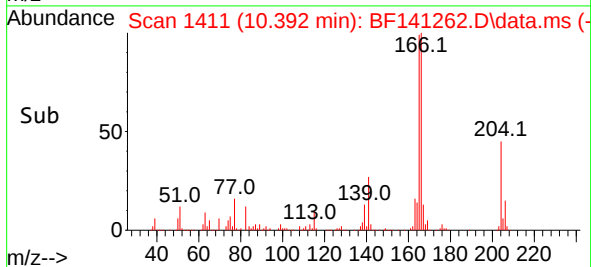
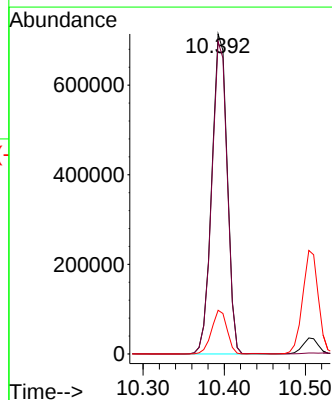
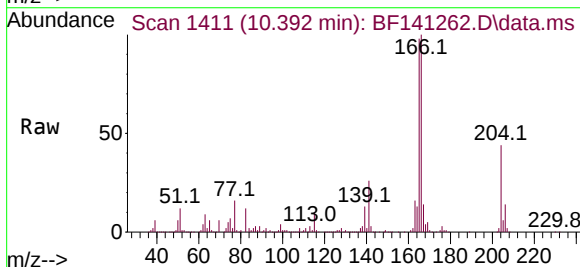
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:165 Resp: 315753
Ion Ratio Lower Upper
165 100
63 44.1 35.0 52.4
89 69.5 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 48.060 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:166 Resp: 944796
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.6 10.8 16.2

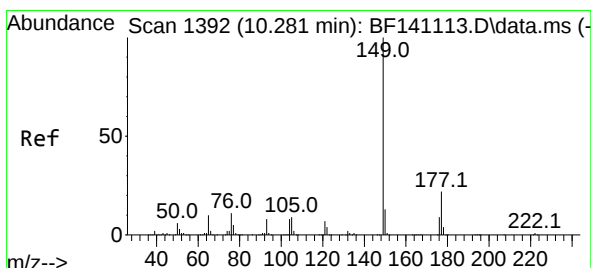
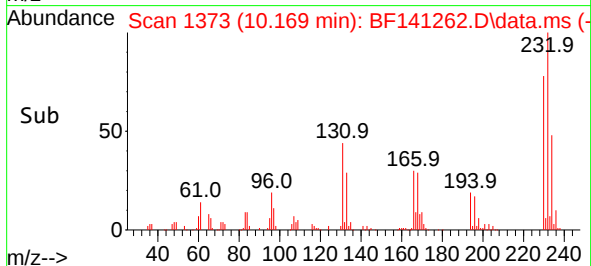
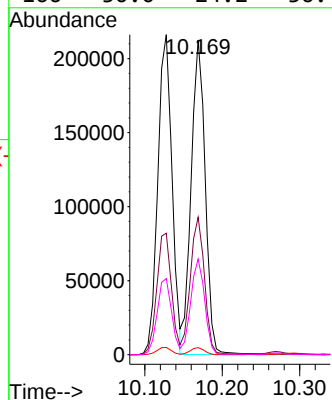
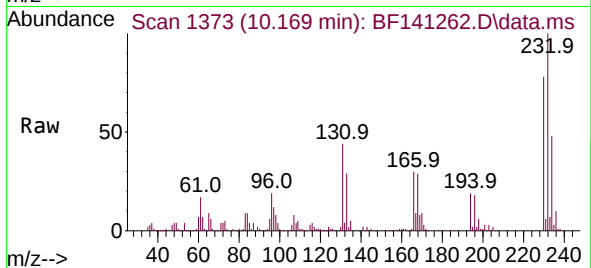




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.231 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

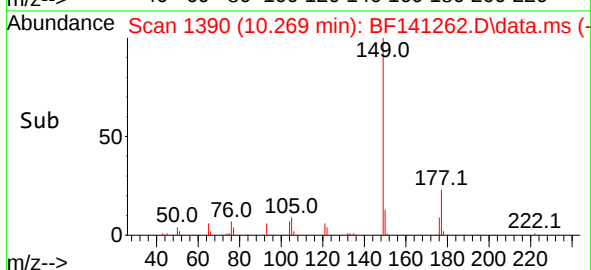
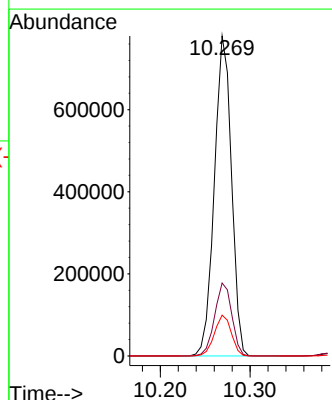
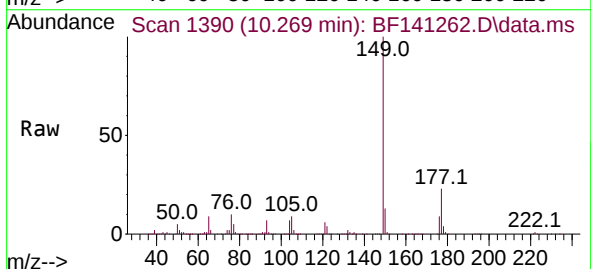
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

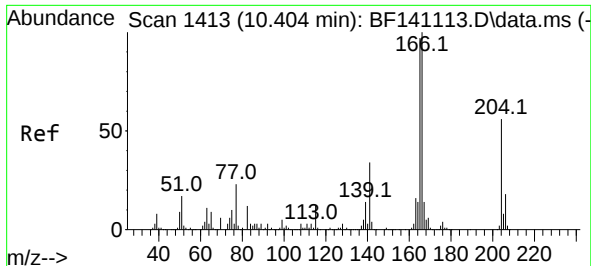
Tgt Ion:232 Resp: 268245
Ion Ratio Lower Upper
232 100
131 44.2 36.2 54.4
130 2.3 2.0 3.0
166 30.0 24.2 36.4



#60
Diethylphthalate
Concen: 51.094 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:149 Resp: 1031805
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.7 10.2 15.2

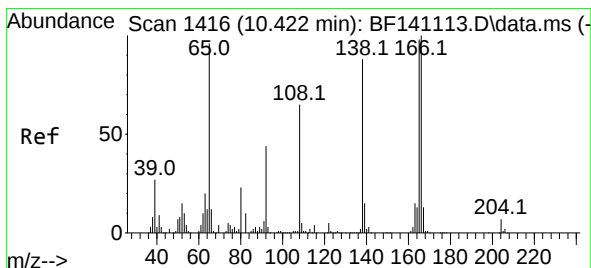
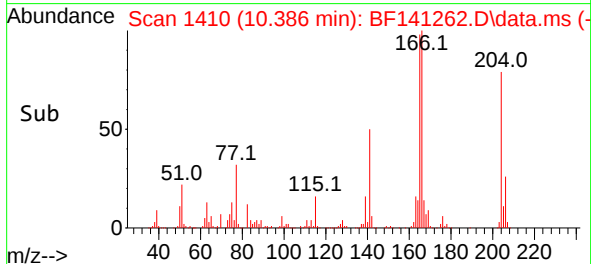
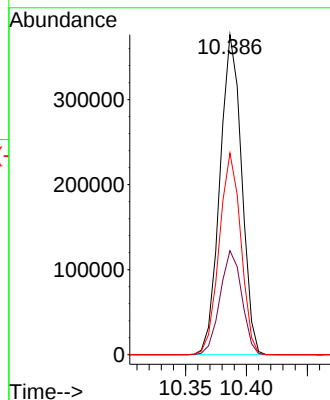
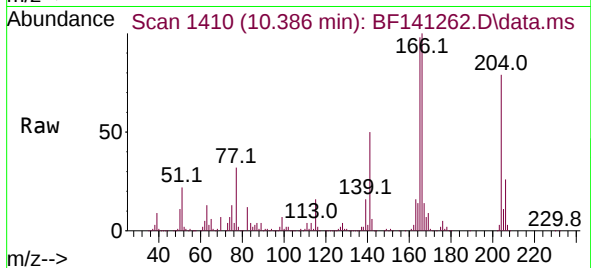




#61
4-Chlorophenyl-phenylether
Concen: 48.775 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

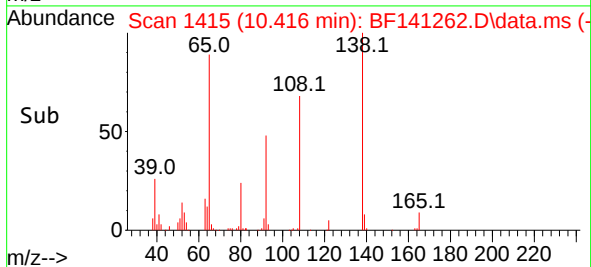
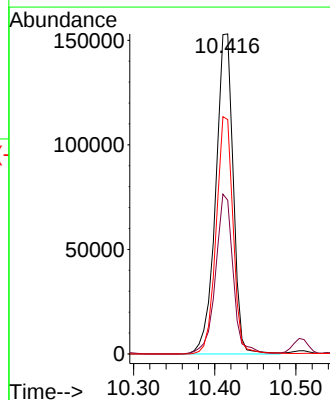
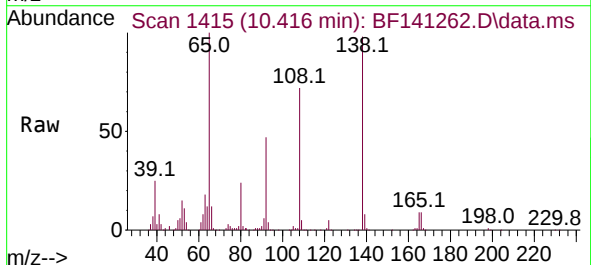
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

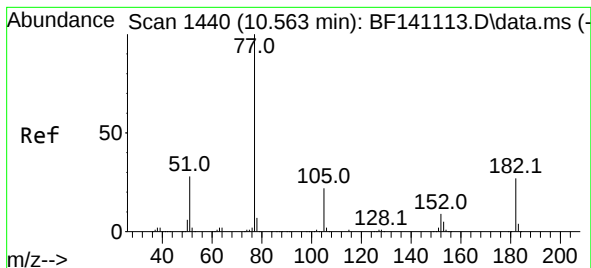
Tgt Ion:204 Resp: 467332
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.0 49.1 73.7



#62
4-Nitroaniline
Concen: 48.094 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:138 Resp: 230100
Ion Ratio Lower Upper
138 100
92 48.1 29.4 69.4
108 73.2 53.7 93.7





#63

Azobenzene

Concen: 50.614 ng

RT: 10.545 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

Tgt Ion: 77 Resp: 1008538

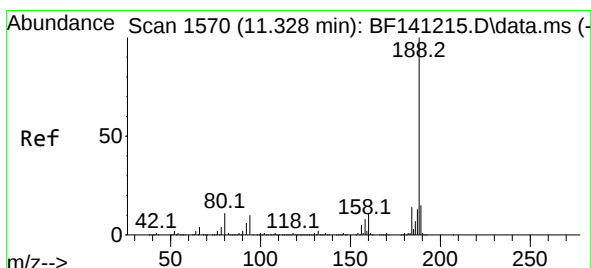
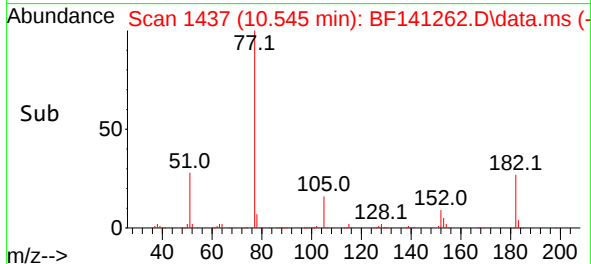
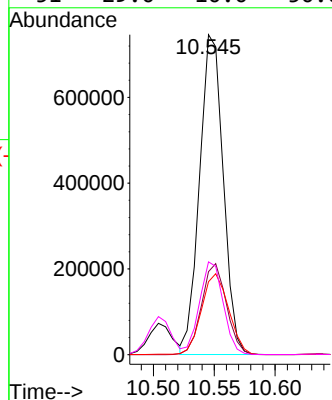
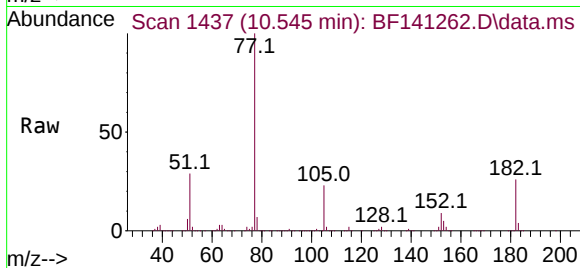
Ion Ratio Lower Upper

77 100

182 26.0 6.1 46.1

105 22.8 2.1 42.1

51 29.0 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

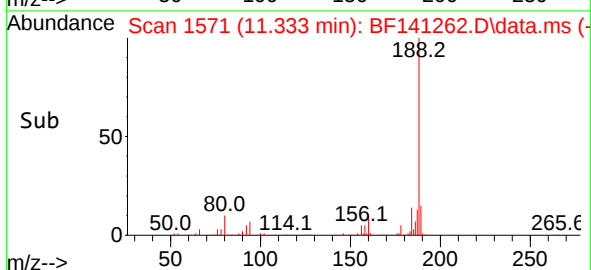
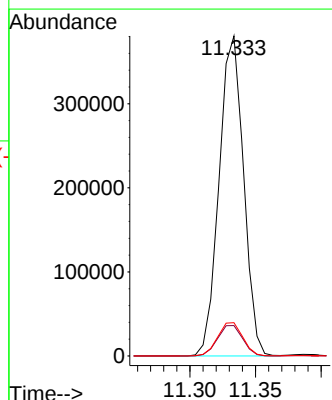
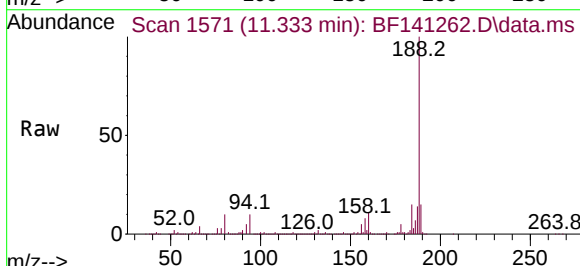
Tgt Ion:188 Resp: 493766

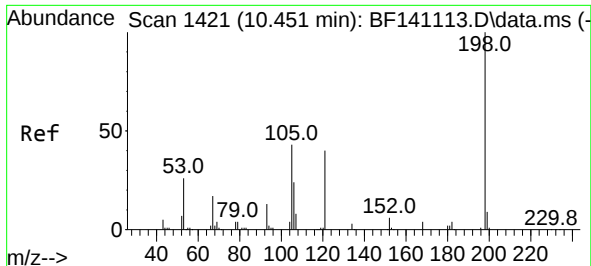
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 10.4 9.0 13.4

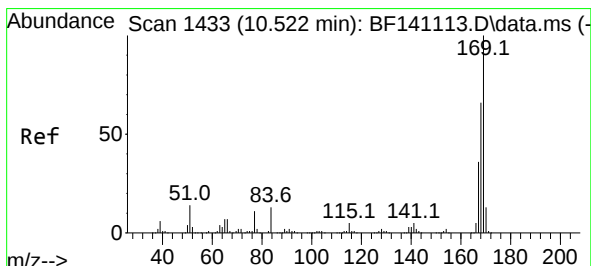
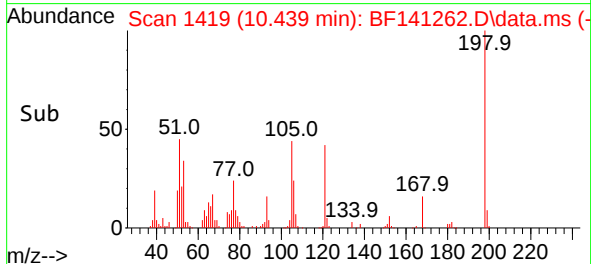
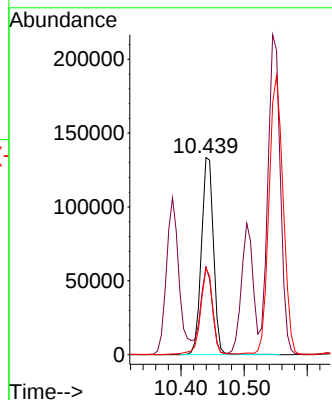
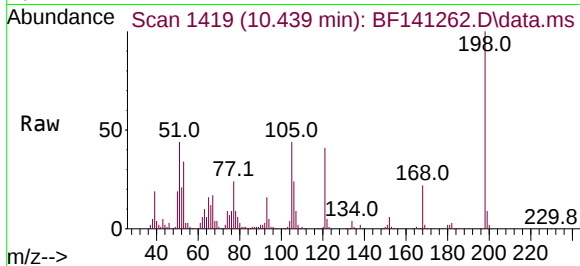




#65
4,6-Dinitro-2-methylphenol
Concen: 61.922 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

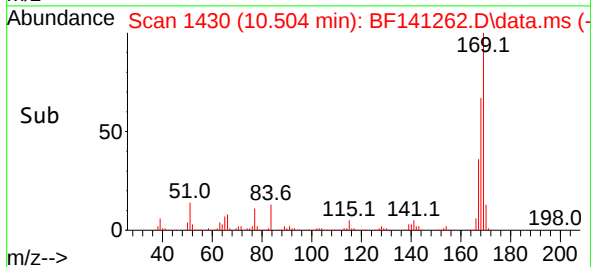
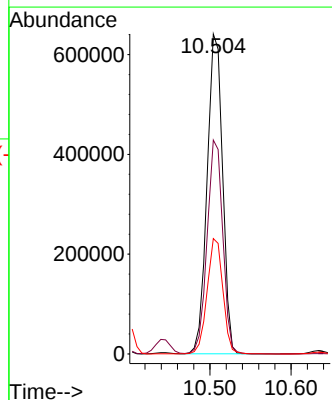
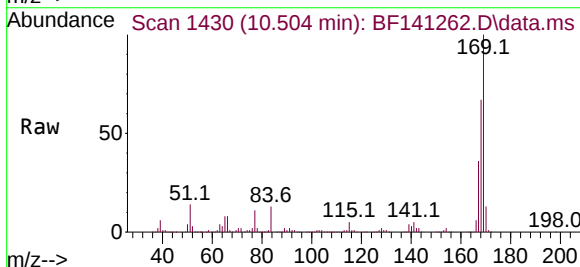
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

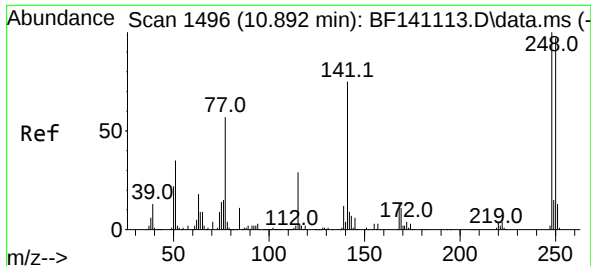
Tgt Ion:198 Resp: 177174
Ion Ratio Lower Upper
198 100
51 44.5 27.1 67.1
105 43.9 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 53.162 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:169 Resp: 846663
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.1 28.9 43.3

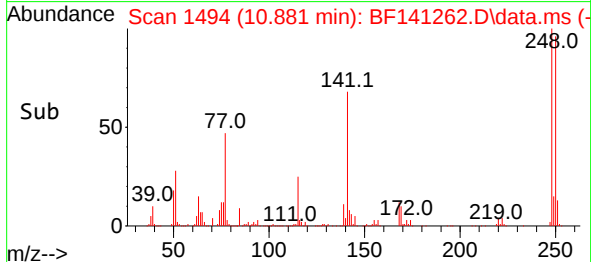
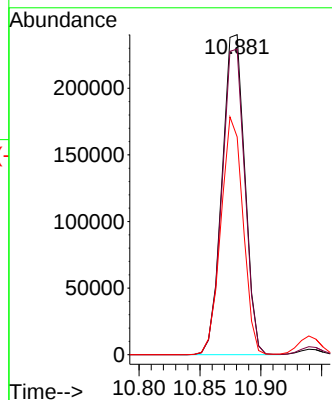
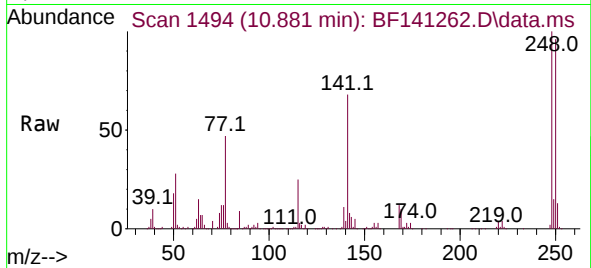




#67
4-Bromophenyl-phenylether
Concen: 54.968 ng
RT: 10.881 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

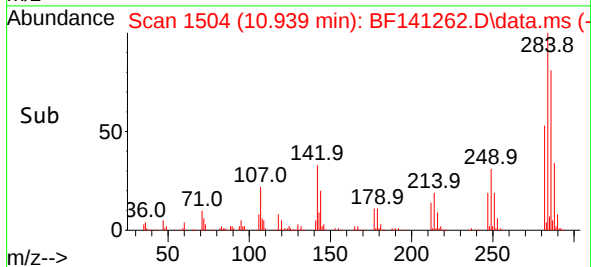
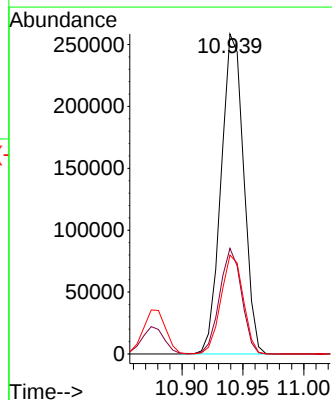
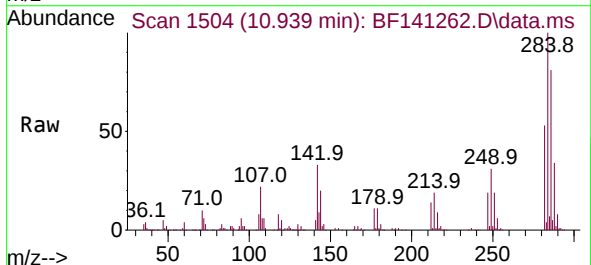
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

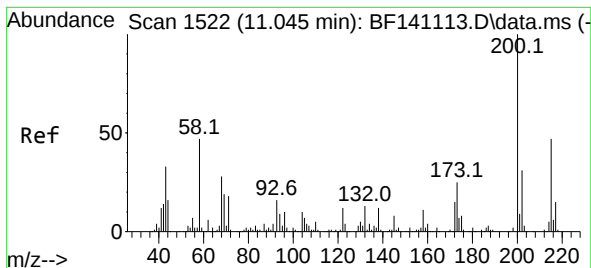
Tgt Ion:248 Resp: 312478
Ion Ratio Lower Upper
248 100
250 95.5 77.9 116.9
141 68.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.762 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:284 Resp: 333888
Ion Ratio Lower Upper
284 100
142 33.0 26.3 39.5
249 30.9 24.9 37.3





#69

Atrazine

Concen: 68.138 ng

RT: 11.034 min Scan# 1522

Delta R.T. -0.011 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

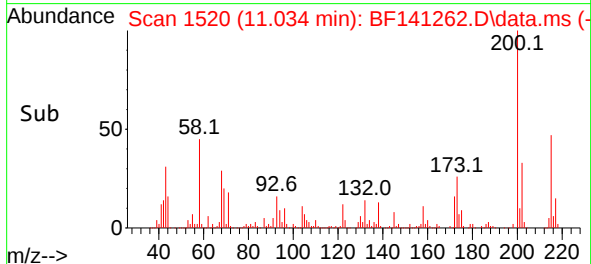
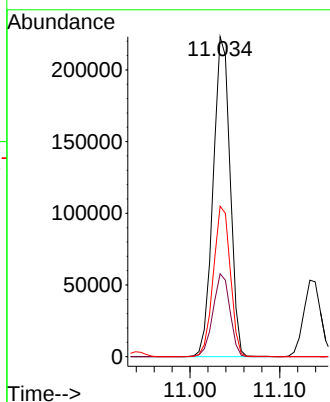
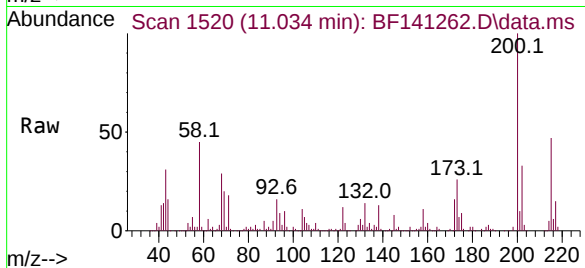
Tgt Ion:200 Resp: 292193

Ion Ratio Lower Upper

200 100

173 25.9 5.4 45.4

215 47.0 26.6 66.6



#70

Pentachlorophenol

Concen: 98.193 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

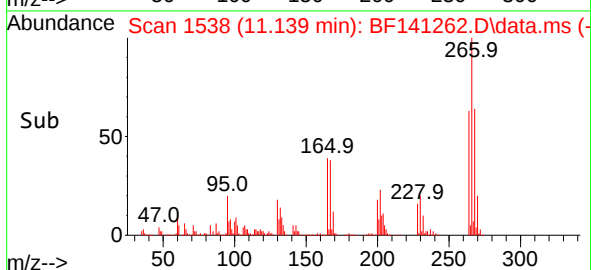
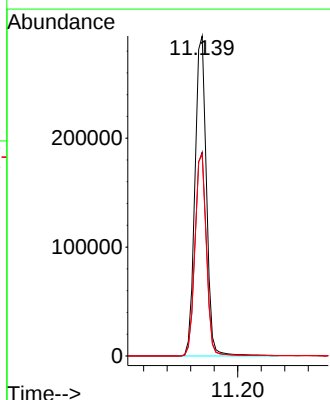
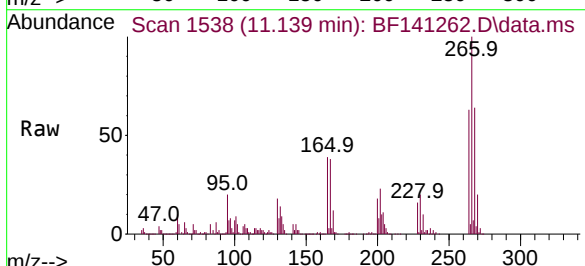
Tgt Ion:266 Resp: 397935

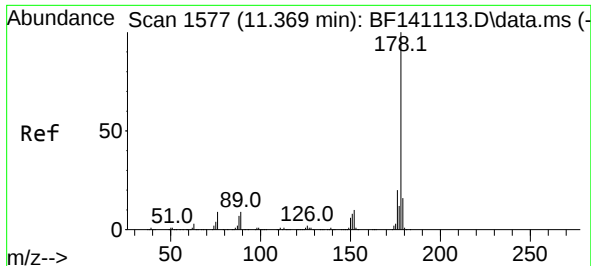
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 62.9 50.2 75.2

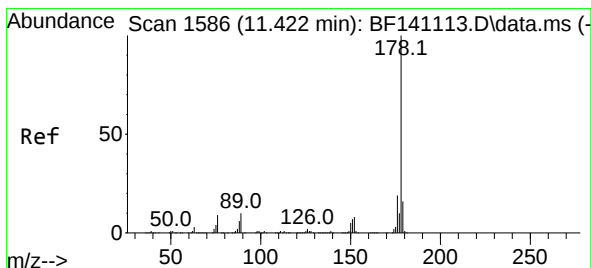
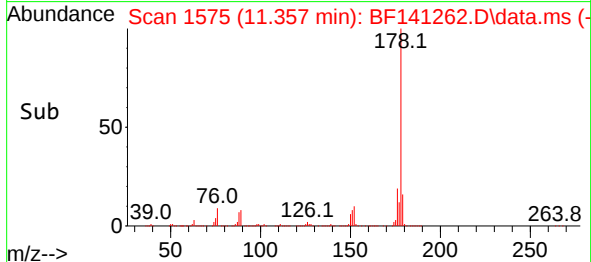
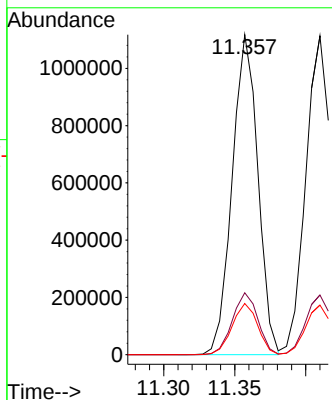
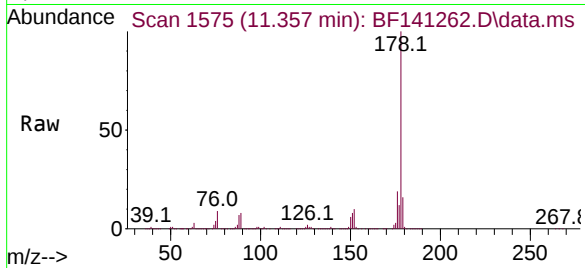




#71
Phenanthrene
Concen: 53.141 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

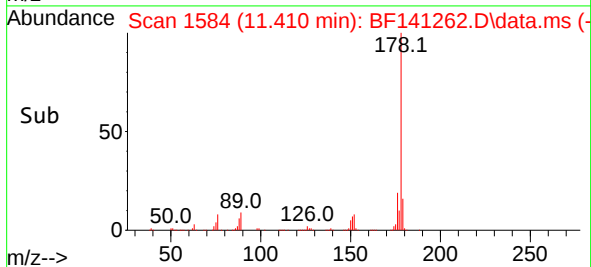
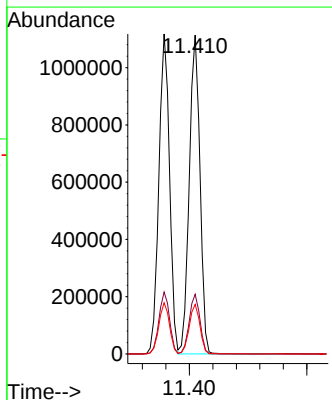
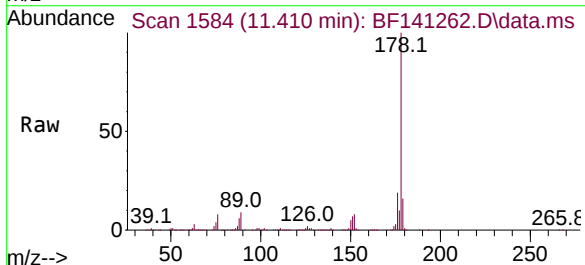
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

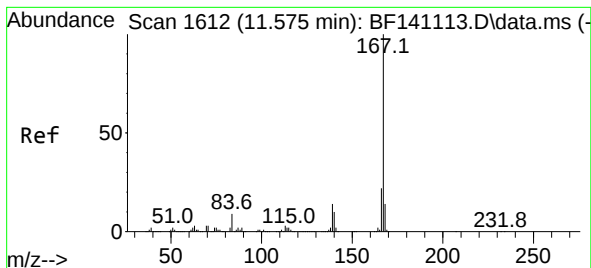
Tgt Ion:178 Resp: 1408704
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 16.0 12.6 19.0



#72
Anthracene
Concen: 54.348 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:178 Resp: 1400869
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.6 19.0





#73

Carbazole

Concen: 49.910 ng

RT: 11.563 min Scan# 1610

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

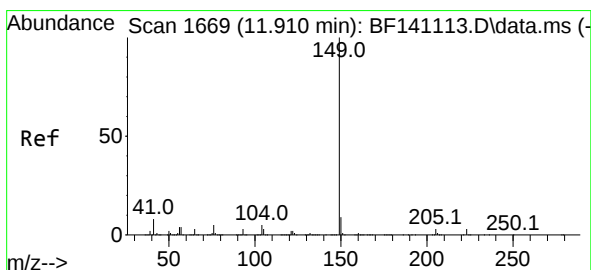
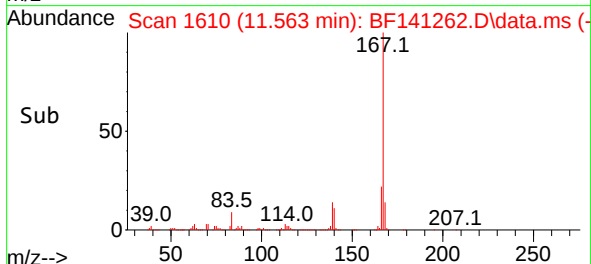
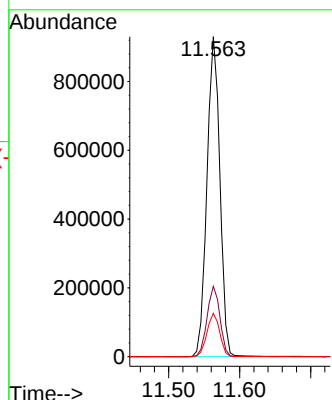
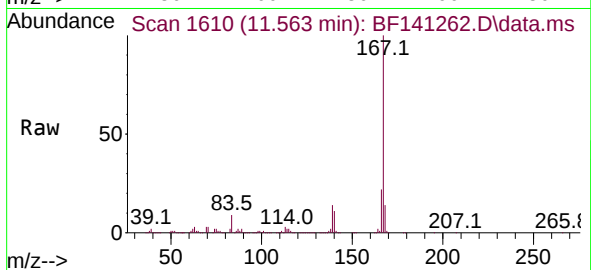
Tgt Ion:167 Resp: 1179615

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 55.534 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

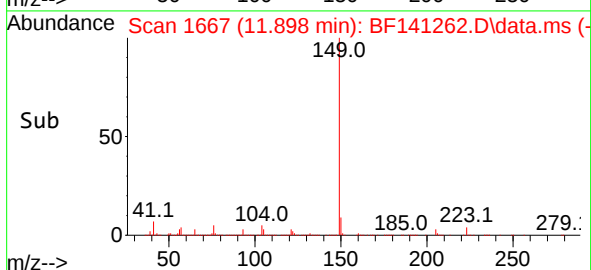
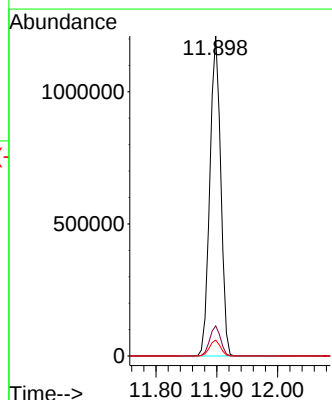
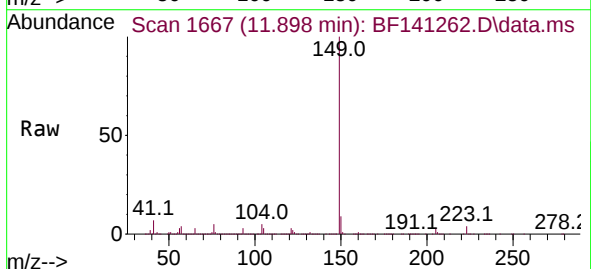
Tgt Ion:149 Resp: 1502080

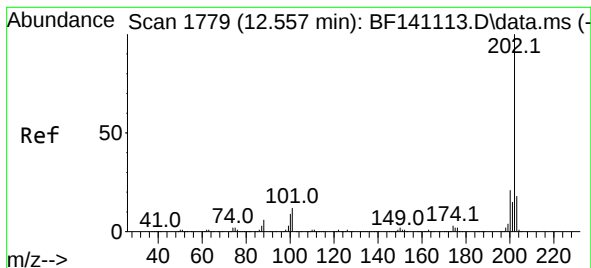
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 4.2 6.2

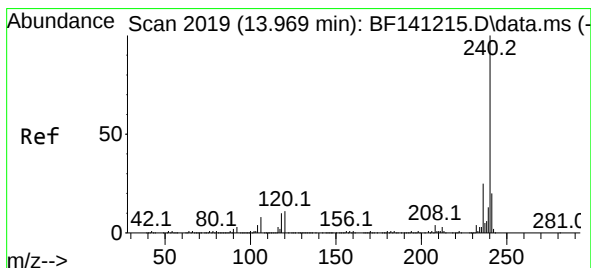
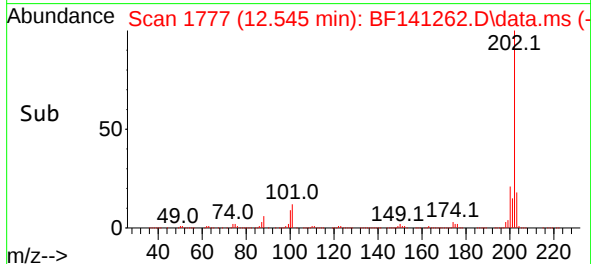
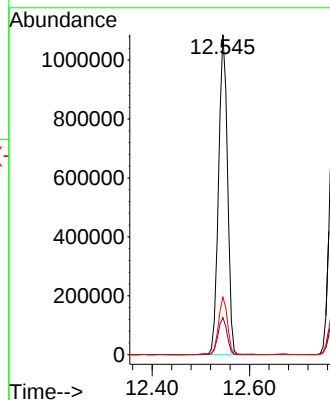
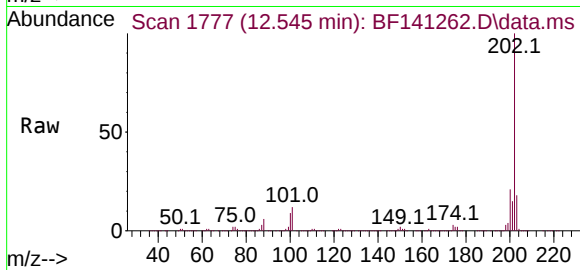




#75
Fluoranthene
Concen: 52.312 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

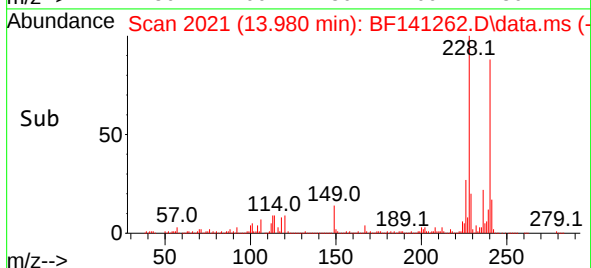
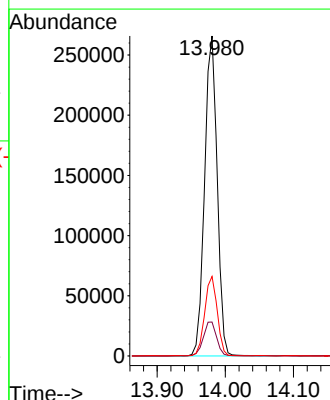
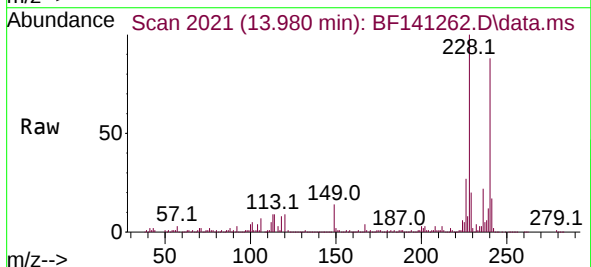
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

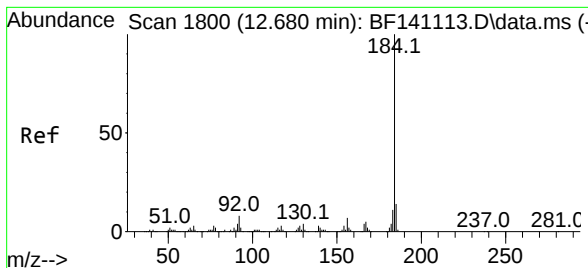
Tgt Ion:202 Resp: 1383806
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.3
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:240 Resp: 341560
Ion Ratio Lower Upper
240 100
120 10.6 9.1 13.7
236 24.8 19.8 29.6





#77

Benzidine

Concen: 66.318 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

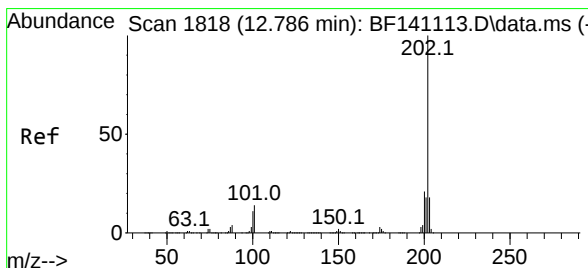
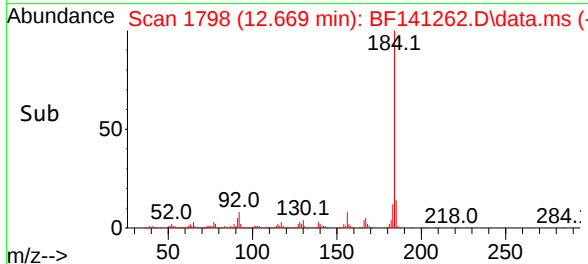
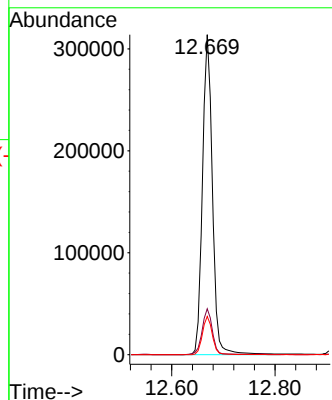
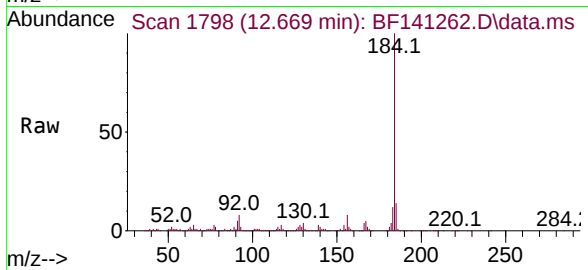
Tgt Ion:184 Resp: 420058

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.9 9.2 13.8



#78

Pyrene

Concen: 42.134 ng

RT: 12.775 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

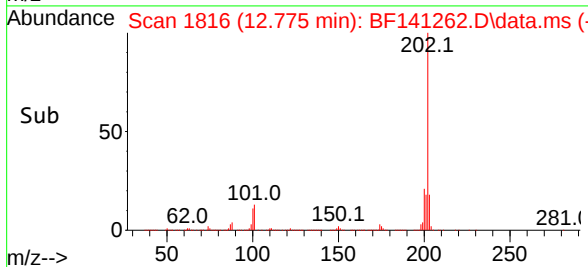
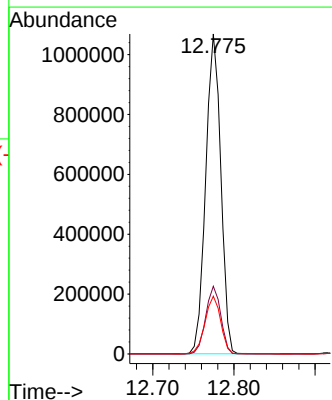
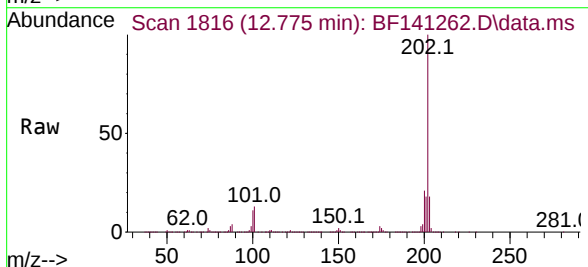
Tgt Ion:202 Resp: 1374558

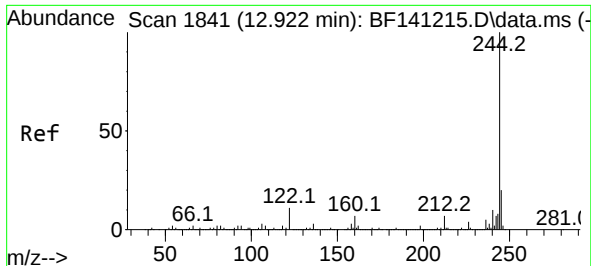
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.1 14.3 21.5

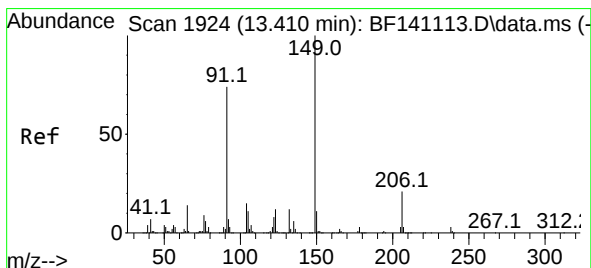
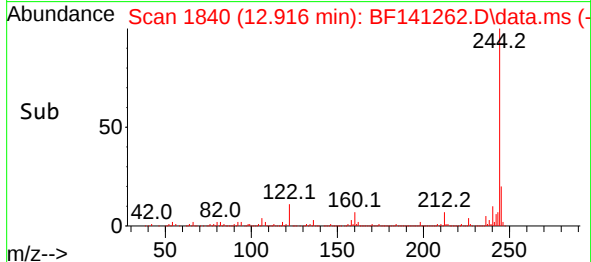
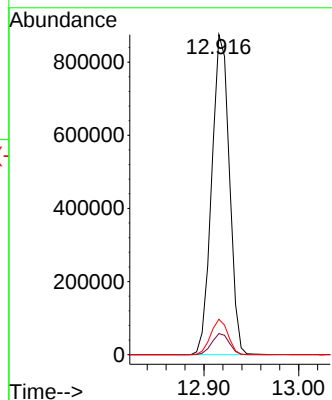
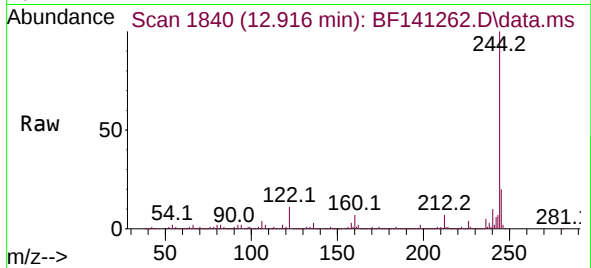




#79
 Terphenyl-d14
 Concen: 49.234 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

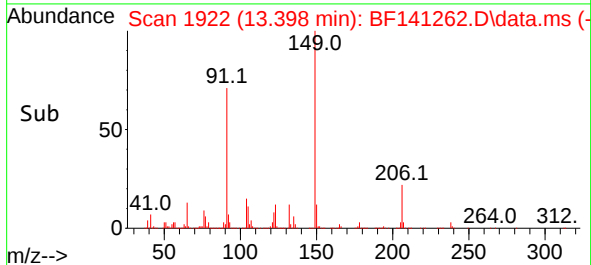
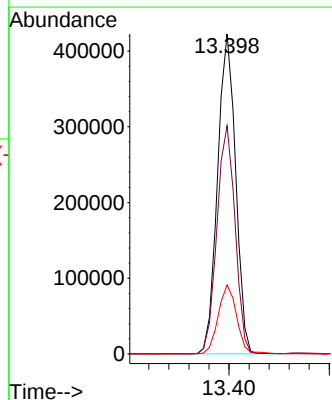
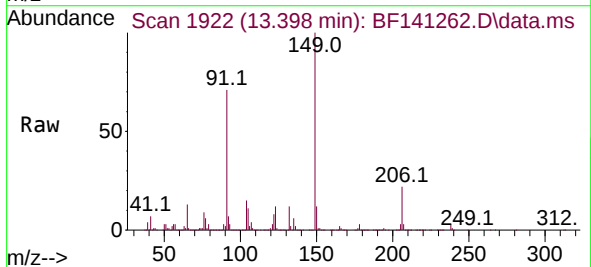
Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITEMSD

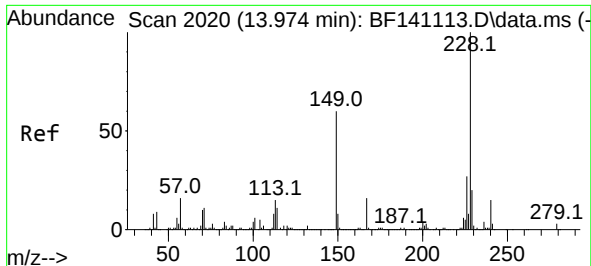
Tgt Ion:244 Resp: 1131429
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 48.545 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141262.D
 Acq: 24 Jan 2025 15:09

Tgt Ion:149 Resp: 528018
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.0 88.6
 206 21.6 16.5 24.7

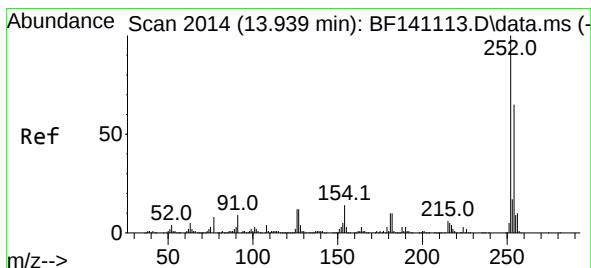
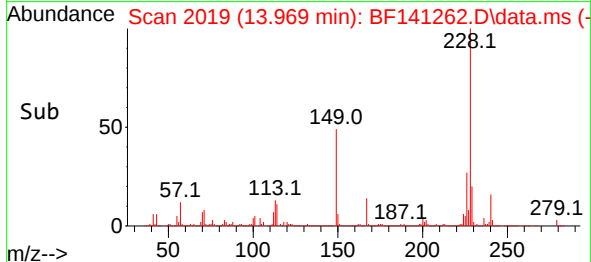
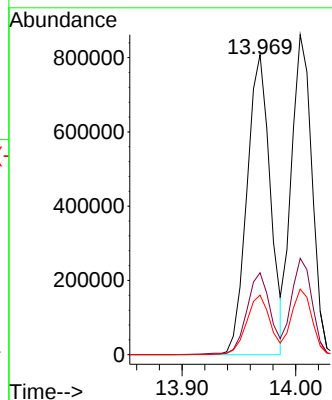
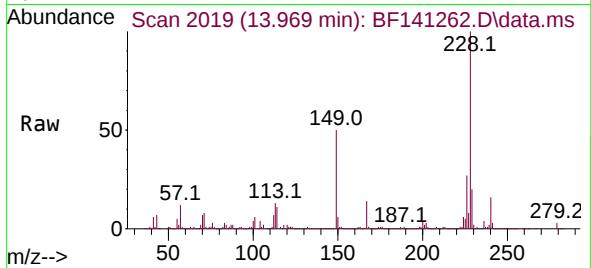




#81
Benzo(a)anthracene
Concen: 49.672 ng
RT: 13.969 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

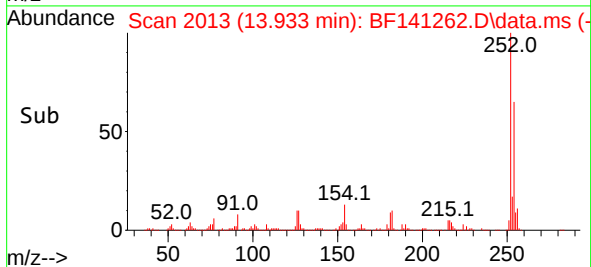
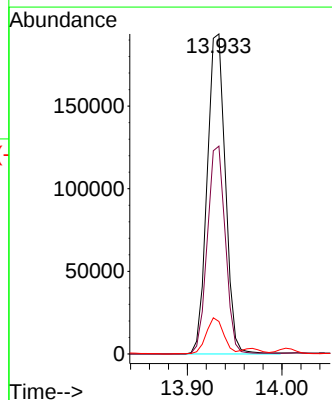
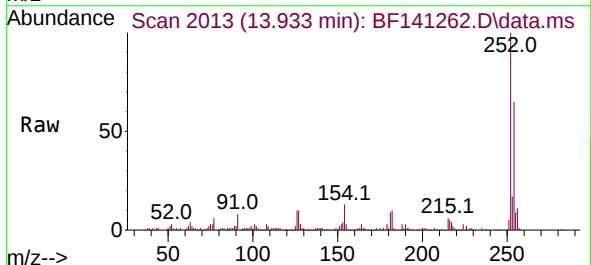
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

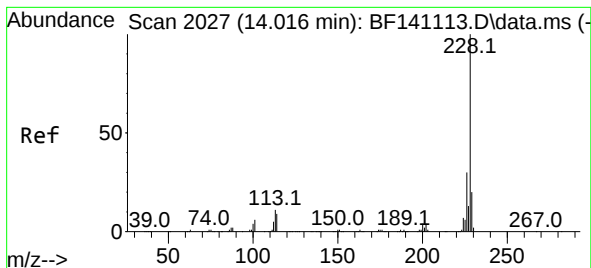
Tgt Ion:228 Resp: 1154633
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 34.892 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:252 Resp: 258259
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 10.2 9.4 14.0





#83

Chrysene

Concen: 49.485 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

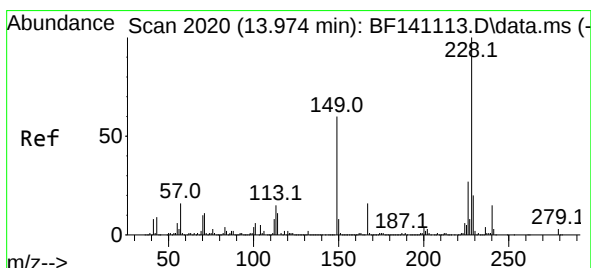
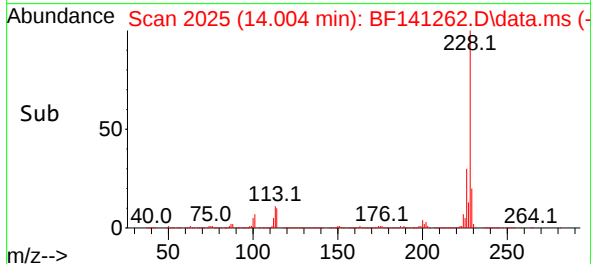
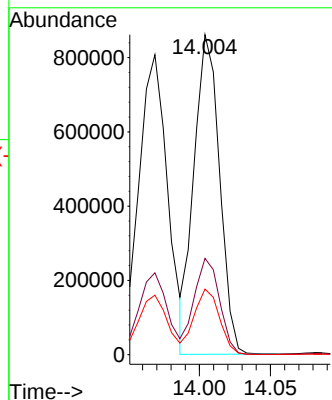
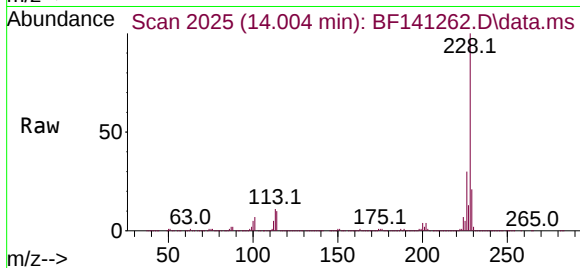
Tgt Ion:228 Resp: 1076303

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.810 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

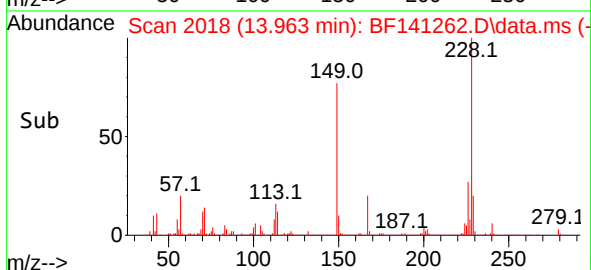
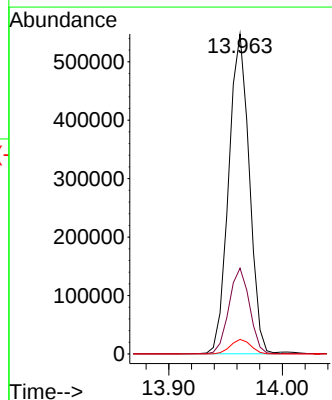
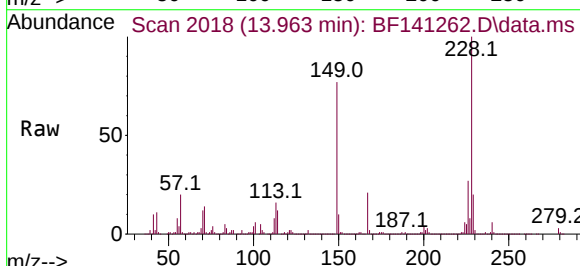
Tgt Ion:149 Resp: 689209

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 61.134 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

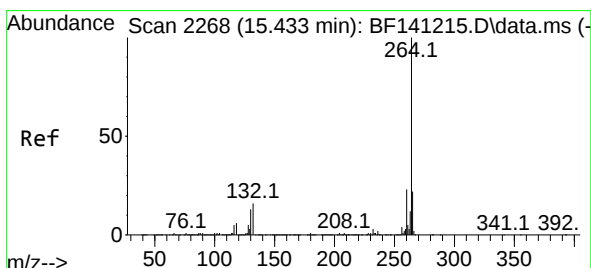
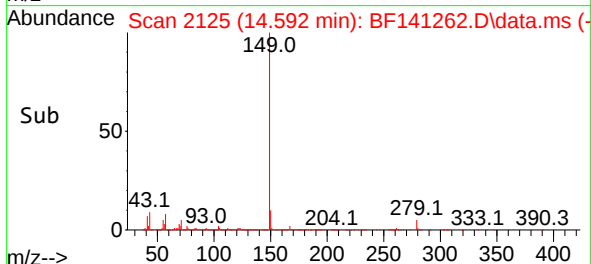
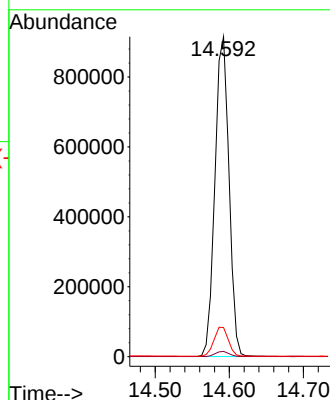
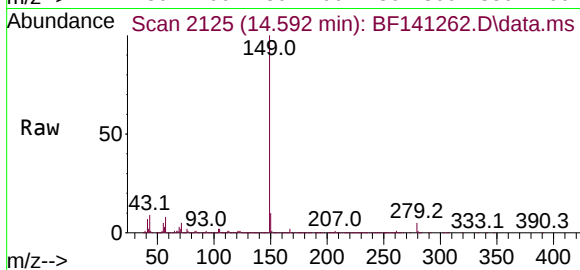
Tgt Ion:149 Resp: 1204794

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

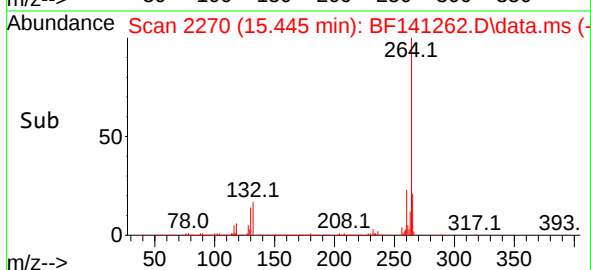
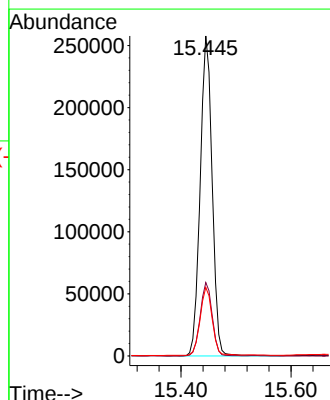
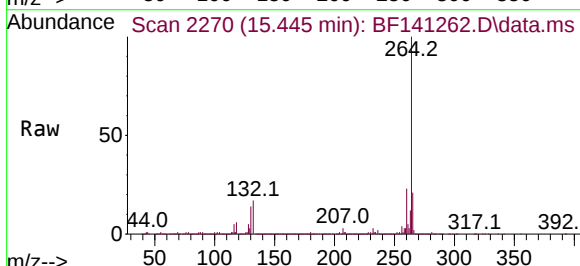
Tgt Ion:264 Resp: 390286

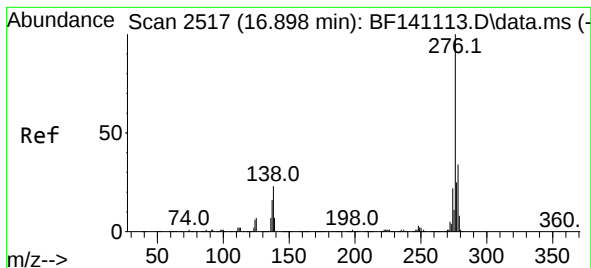
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.946 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SPILL-SITEMSD

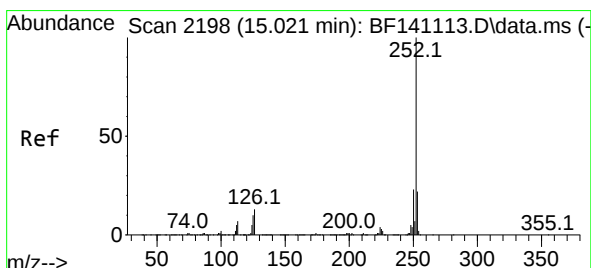
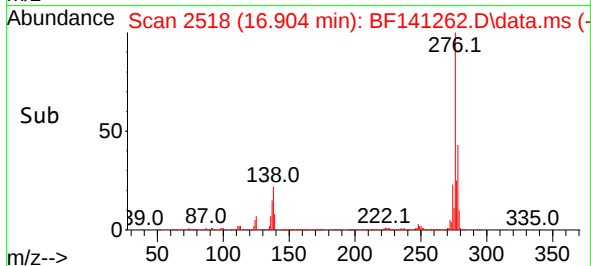
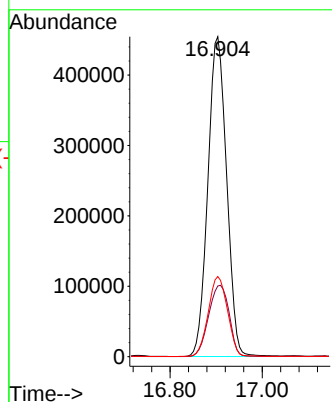
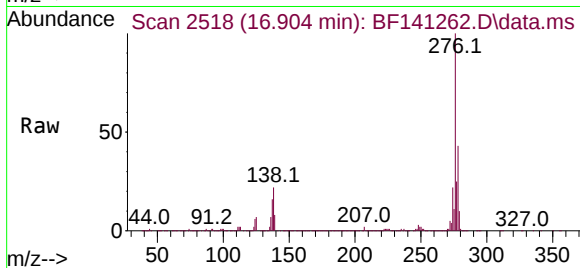
Tgt Ion:276 Resp: 1285168

Ion Ratio Lower Upper

276 100

138 24.5 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.157 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141262.D

Acq: 24 Jan 2025 15:09

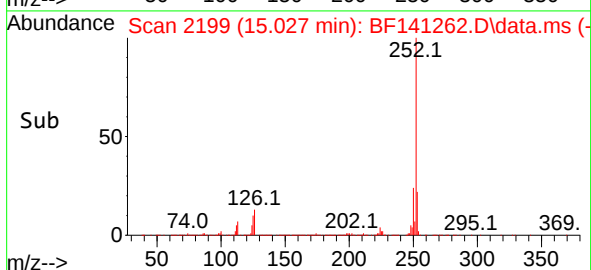
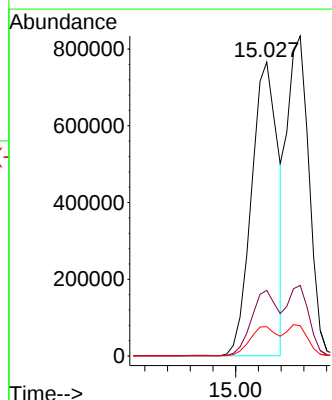
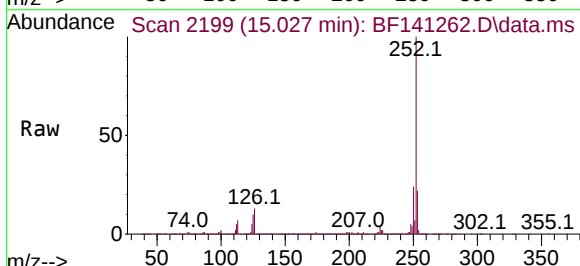
Tgt Ion:252 Resp: 1237142

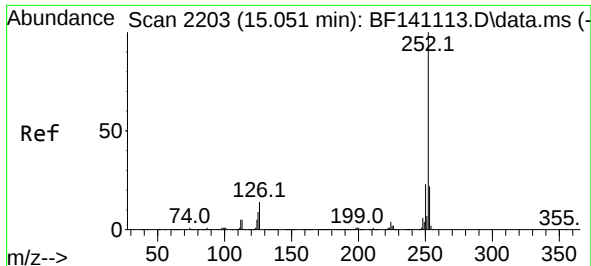
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.0 8.1 12.1

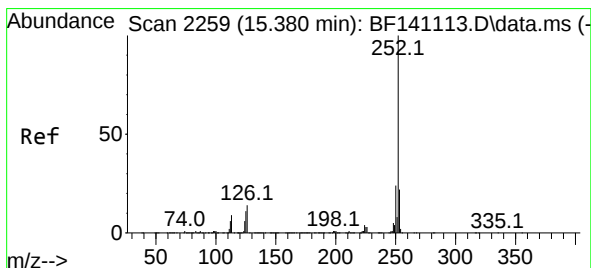
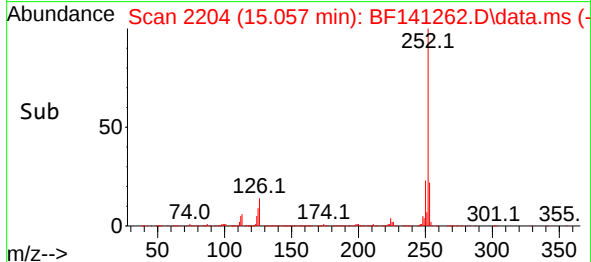
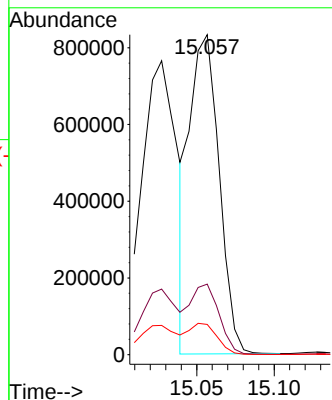
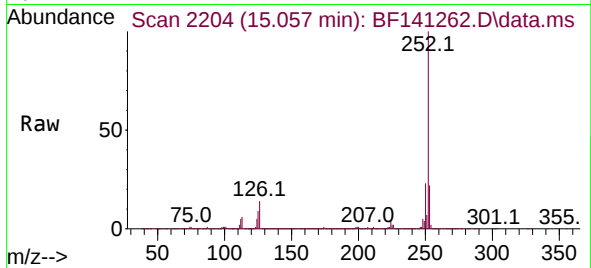




#89
Benzo(k)fluoranthene
Concen: 51.838 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

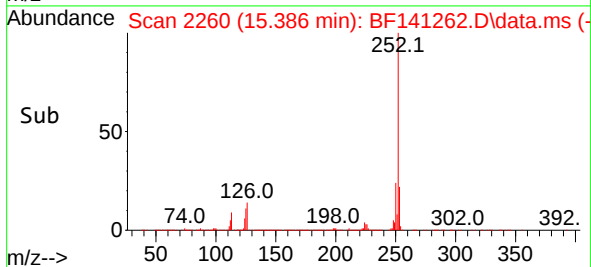
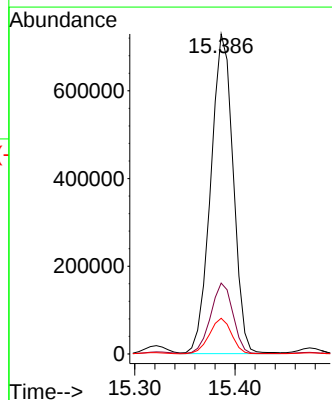
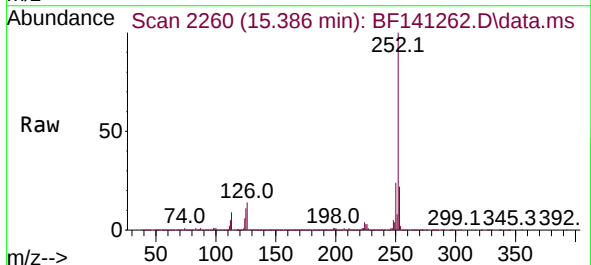
Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:252 Resp: 1102497
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 54.693 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:252 Resp: 1135658
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.1 9.1 13.7

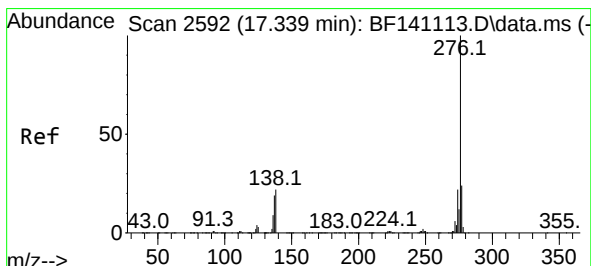
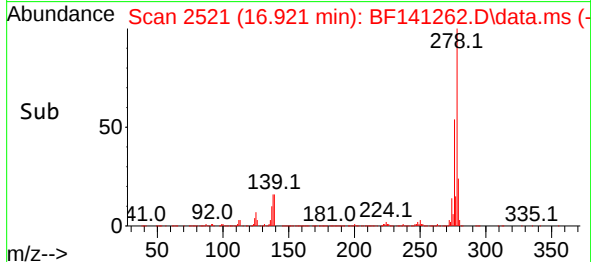
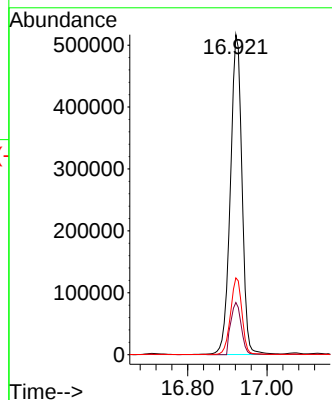
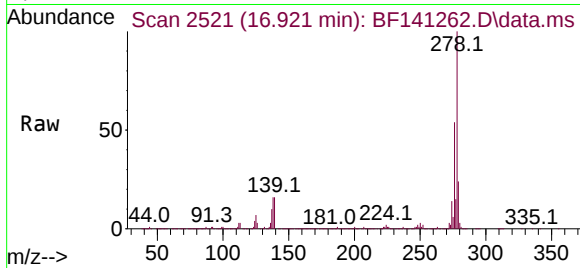




#91
Dibenzo(a,h)anthracene
Concen: 45.413 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMSD

Tgt Ion:278 Resp: 1050244
Ion Ratio Lower Upper
278 100
139 16.3 13.8 20.6
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.900 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF141262.D
Acq: 24 Jan 2025 15:09

Tgt Ion:276 Resp: 911679
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 21.1 17.4 26.2

