

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141513.D
 Acq On : 07 Feb 2025 17:43
 Operator : RC/JU
 Sample : Q1288-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425MS

Quant Time: Feb 07 22:23:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	92803	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	356369	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	182146	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	262167	20.000	ng	0.00
76) Chrysene-d12	13.968	240	176335	20.000	ng	0.00
86) Perylene-d12	15.433	264	147556	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	642053	108.464	ng	0.00
7) Phenol-d6	6.439	99	800748	107.026	ng	0.00
23) Nitrobenzene-d5	7.357	82	526280	77.026	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	182848	99.931	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	929841	78.649	ng	0.00
79) Terphenyl-d14	12.904	244	767401	73.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	104925	44.040	ng	100
3) Pyridine	3.269	79	239441	42.234	ng	99
4) n-Nitrosodimethylamine	3.216	42	164743	43.885	ng	99
6) Aniline	6.457	93	115915	16.516	ng	# 8
8) 2-Chlorophenol	6.581	128	291117	45.514	ng	99
9) Benzaldehyde	6.339	77	189802	47.739	ng	94
10) Phenol	6.451	94	354611	45.538	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	297103	50.796	ng	96
12) 1,3-Dichlorobenzene	6.734	146	301913	44.710	ng	98
13) 1,4-Dichlorobenzene	6.810	146	301678	43.726	ng	98
14) 1,2-Dichlorobenzene	6.963	146	293947	45.905	ng	99
15) Benzyl Alcohol	6.939	79	254400	44.341	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	439230	43.869	ng	71
17) 2-Methylphenol	7.057	107	226234	45.197	ng	93
18) Hexachloroethane	7.304	117	131690	51.575	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	206796	46.208	ng	98
20) 3+4-Methylphenols	7.210	107	300469	47.234	ng	93
22) Acetophenone	7.204	105	496051	55.957	ng	97
24) Nitrobenzene	7.375	77	301803	45.299	ng	99
25) Isophorone	7.616	82	551112	50.588	ng	98
26) 2-Nitrophenol	7.692	139	150798	45.494	ng	97
27) 2,4-Dimethylphenol	7.733	122	232743	60.104	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	331773	47.527	ng	97
29) 2,4-Dichlorophenol	7.945	162	244576	46.746	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	256412	45.004	ng	99
31) Naphthalene	8.098	128	898258	48.423	ng	98
32) Benzoic acid	7.875	122	193314	48.062	ng	91
33) 4-Chloroaniline	8.157	127	75246	11.618	ng	# 93
34) Hexachlorobutadiene	8.210	225	161871	47.325	ng	99
35) Caprolactam	8.563	113	16582	10.409	ng	# 1
36) 4-Chloro-3-methylphenol	8.645	107	259439	44.765	ng	99
37) 2-Methylnaphthalene	8.792	142	600980	49.786	ng	99
38) 1-Methylnaphthalene	8.886	142	551145	47.141	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	265455	50.374	ng	99
41) Hexachlorocyclopentadiene	8.939	237	38434	21.928	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	159203	46.743	ng	99

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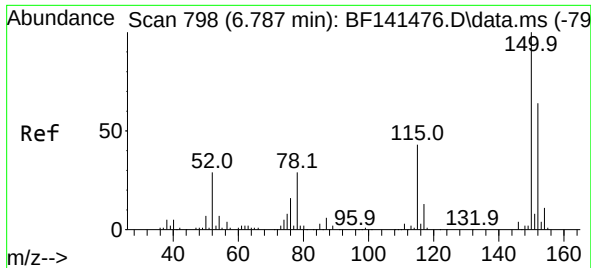
Quant Time: Feb 07 22:23:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	161313	43.702	ng	# 88
46) 1,1'-Biphenyl	9.257	154	744433	52.717	ng	99
47) 2-Chloronaphthalene	9.280	162	476402	45.622	ng	99
48) 2-Nitroaniline	9.374	65	170934	48.776	ng	96
49) Acenaphthylene	9.698	152	734623	47.298	ng	99
50) Dimethylphthalate	9.557	163	563639	45.582	ng	98
51) 2,6-Dinitrotoluene	9.622	165	119438	44.184	ng	95
52) Acenaphthene	9.869	154	499306	47.818	ng	98
53) 3-Nitroaniline	9.786	138	63023	21.662	ng	# 95
54) 2,4-Dinitrophenol	9.898	184	71581	44.555	ng	92
55) Dibenzofuran	10.039	168	673218	43.924	ng	97
56) 4-Nitrophenol	9.969	139	188603	87.326	ng	95
57) 2,4-Dinitrotoluene	10.027	165	159647	44.364	ng	# 100
58) Fluorene	10.386	166	553693	46.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	128824	40.538	ng	# 85
60) Diethylphthalate	10.257	149	542418	44.584	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	246802	43.289	ng	95
62) 4-Nitroaniline	10.404	138	90759	30.721	ng	92
63) Azobenzene	10.539	77	586136	48.462	ng	88
65) 4,6-Dinitro-2-methylph...	10.439	198	47638	26.158	ng	# 70
66) n-Nitrosodiphenylamine	10.492	169	467745	55.736	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	147233	50.249	ng	96
68) Hexachlorobenzene	10.933	284	140122	46.442	ng	94
69) Atrazine	11.027	200	174009	69.115	ng	99
70) Pentachlorophenol	11.133	266	173673	90.022	ng	99
71) Phenanthrene	11.351	178	1463714	101.428	ng	99
72) Anthracene	11.398	178	833684	57.469	ng	99
73) Carbazole	11.557	167	610381	46.762	ng	98
74) Di-n-butylphthalate	11.886	149	777973	51.617	ng	100
75) Fluoranthene	12.539	202	1691990	110.589	ng	99
77) Benzidine	12.657	184	173129	44.518	ng	96
78) Pyrene	12.768	202	1586371	105.681	ng	99
80) Butylbenzylphthalate	13.380	149	276842	53.246	ng	98
81) Benzo(a)anthracene	13.957	228	1028687	87.760	ng	98
82) 3,3'-Dichlorobenzidine	13.915	252	74707	22.249	ng	99
83) Chrysene	13.992	228	909011	83.988	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	384909	65.639	ng	99
85) Di-n-octyl phthalate	14.568	149	615827	73.615	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	484894	53.184	ng	99
88) Benzo(b)fluoranthene	15.015	252	839900	84.773	ng	98
89) Benzo(k)fluoranthene	15.015	252	839900	99.276	ng	99
90) Benzo(a)pyrene	15.374	252	646442	80.634	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	318007	43.046	ng	99
92) Benzo(g,h,i)perylene	17.315	276	381089	49.294	ng	99

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

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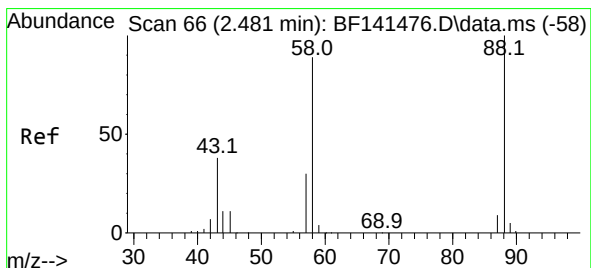
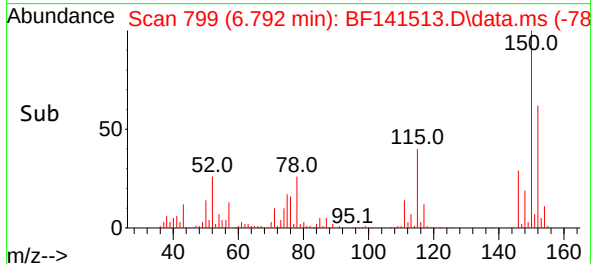
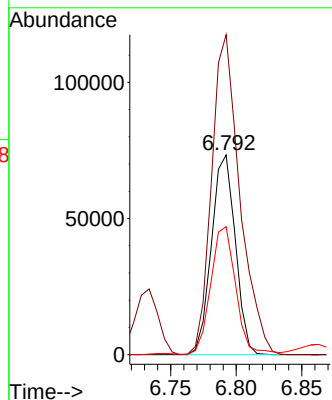
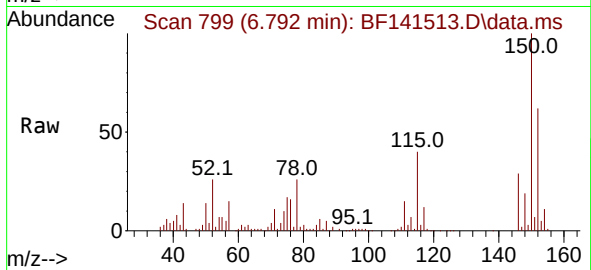




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

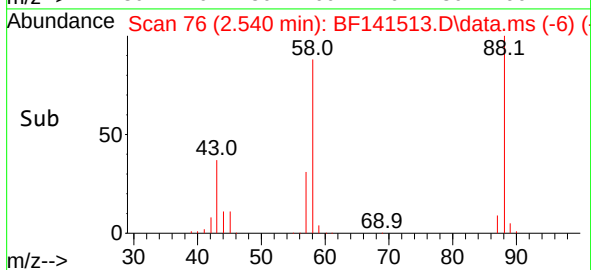
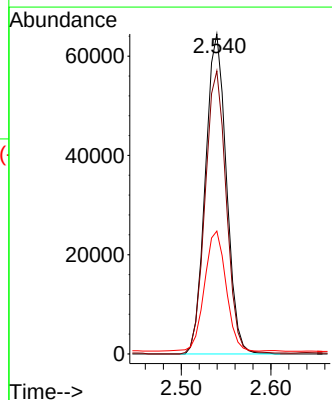
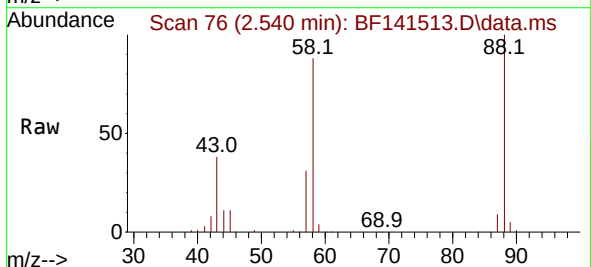
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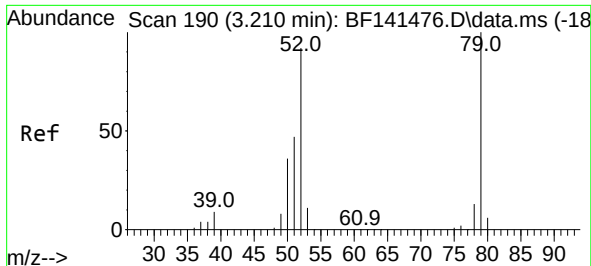
Tgt Ion:152 Resp: 92803
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.0 187.4
 115 64.1 53.6 80.4



#2
 1,4-Dioxane
 Concen: 44.040 ng
 RT: 2.540 min Scan# 76
 Delta R.T. 0.059 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

Tgt Ion: 88 Resp: 104925
 Ion Ratio Lower Upper
 88 100
 58 89.5 71.1 106.7
 43 38.3 30.6 46.0

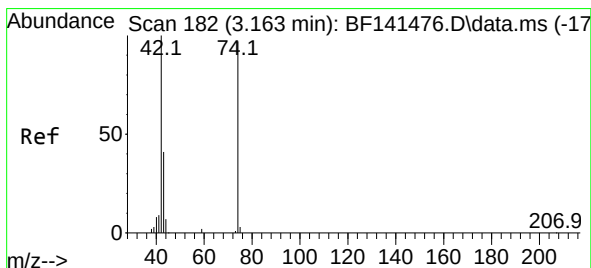
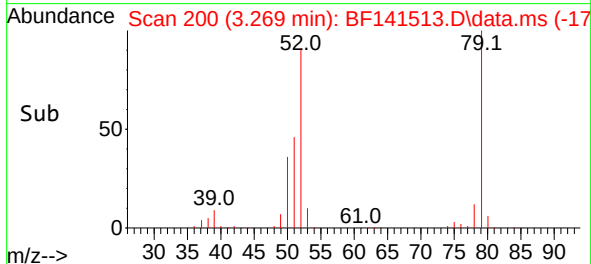
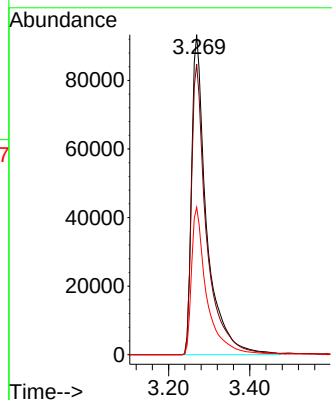
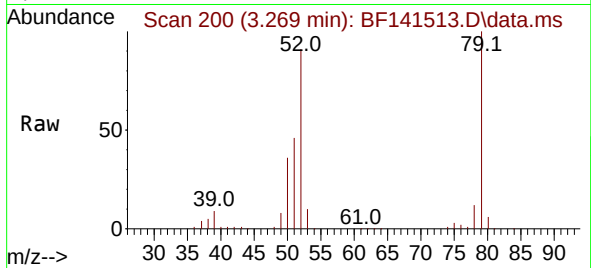




#3
 Pyridine
 Concen: 42.234 ng
 RT: 3.269 min Scan# 20
 Delta R.T. 0.053 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

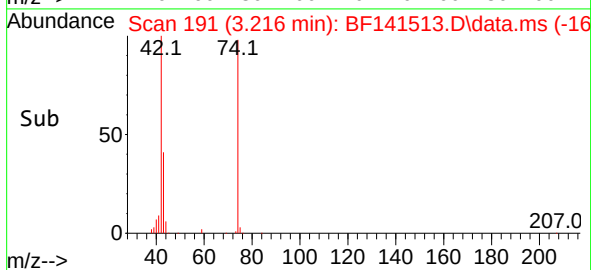
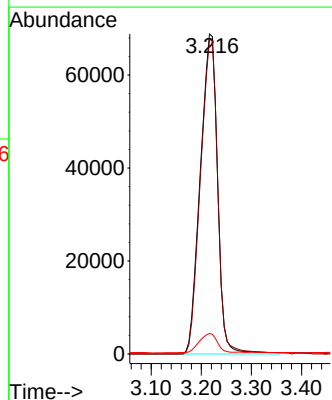
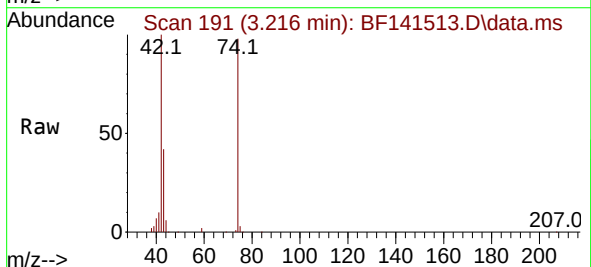
Instrument :
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 ClientSampleId :
 HR-01-020425MS

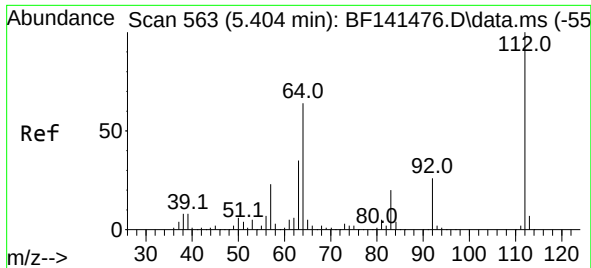
Tgt Ion: 79 Resp: 239441
 Ion Ratio Lower Upper
 79 100
 52 90.8 73.7 110.5
 51 46.0 37.5 56.3



#4
 n-Nitrosodimethylamine
 Concen: 43.885 ng
 RT: 3.216 min Scan# 191
 Delta R.T. 0.029 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

Tgt Ion: 42 Resp: 164743
 Ion Ratio Lower Upper
 42 100
 74 98.2 78.0 117.0
 44 6.4 5.4 8.2

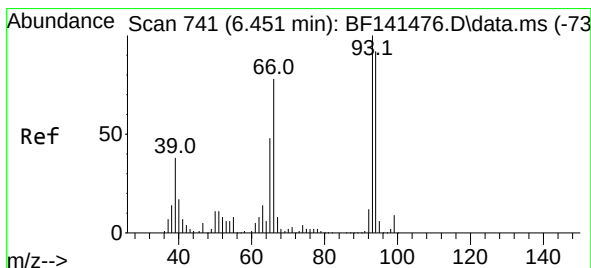
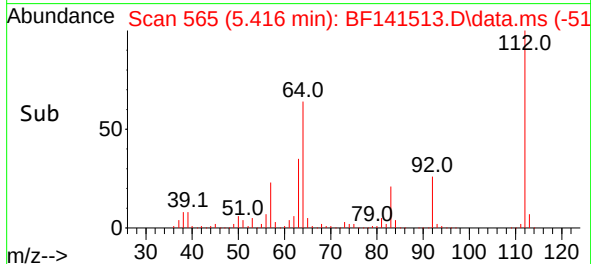
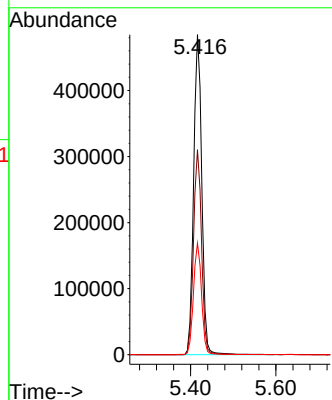
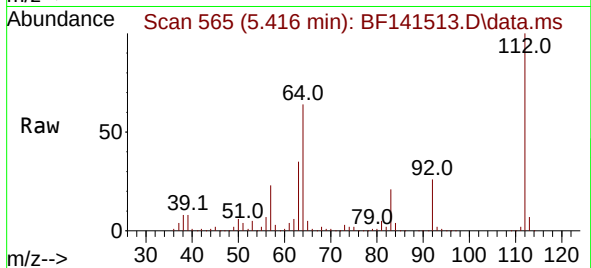




#5
2-Fluorophenol
Concen: 108.464 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

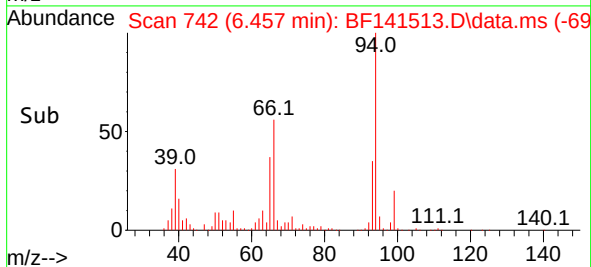
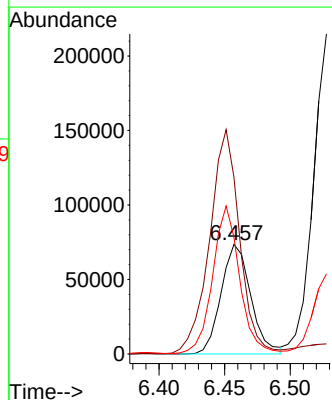
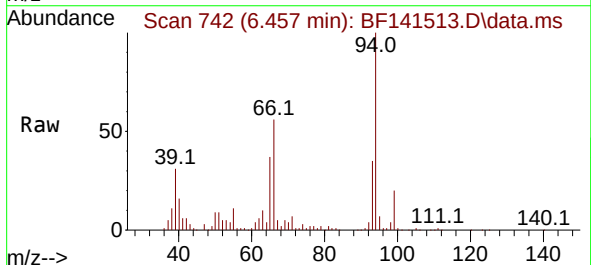
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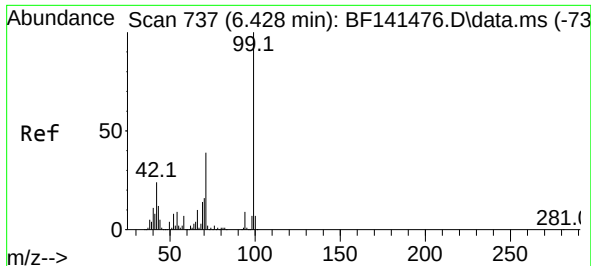
Tgt Ion:112 Resp: 642053
Ion Ratio Lower Upper
112 100
64 64.1 51.1 76.7
63 34.8 28.4 42.6



#6
Aniline
Concen: 16.516 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion: 93 Resp: 115915
Ion Ratio Lower Upper
93 100
66 161.2 62.6 94.0#
65 106.6 38.3 57.5#

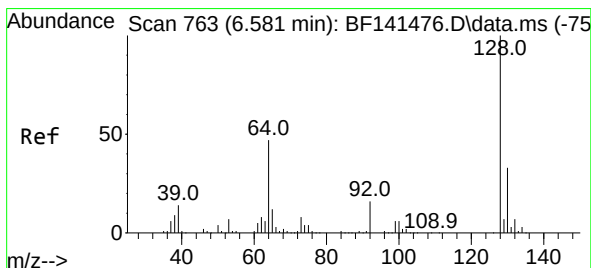
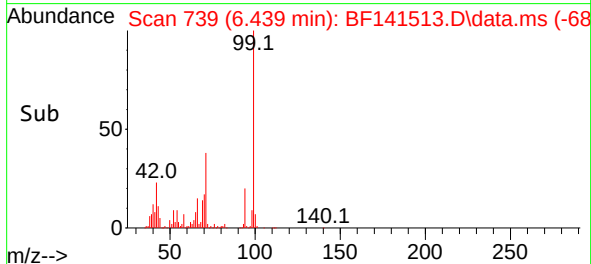
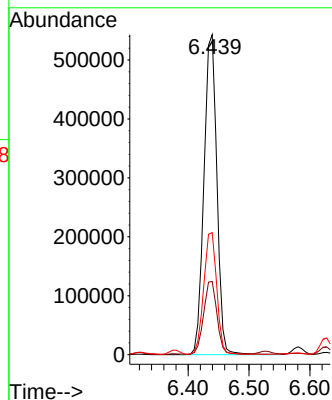
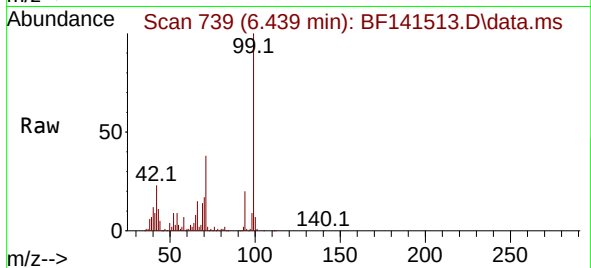




#7
Phenol-d6
Concen: 107.026 ng
RT: 6.439 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

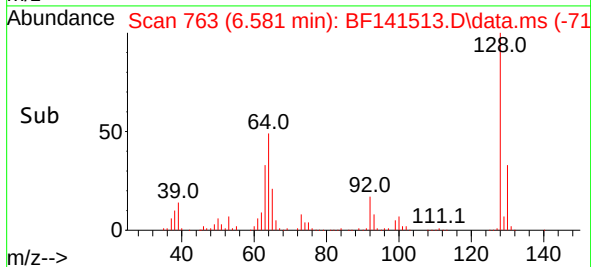
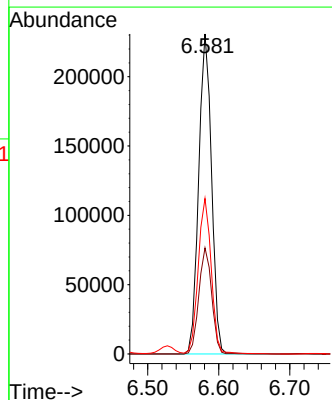
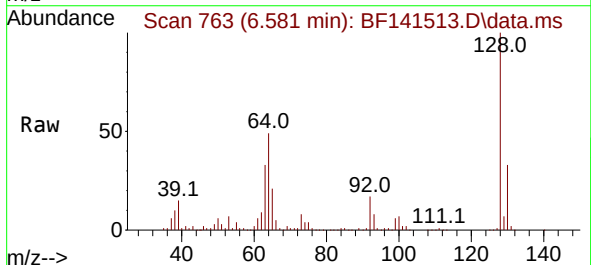
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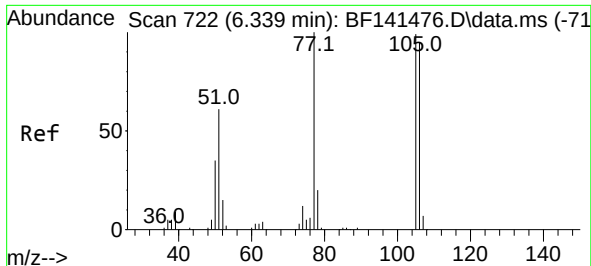
Tgt Ion: 99 Resp: 800748
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 38.2 31.1 46.7



#8
2-Chlorophenol
Concen: 45.514 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion: 128 Resp: 291117
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 48.6 28.3 68.3





#9

Benzaldehyde

Concen: 47.739 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

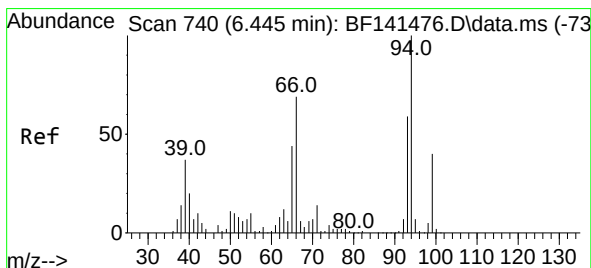
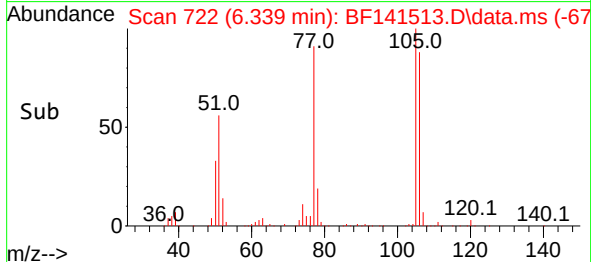
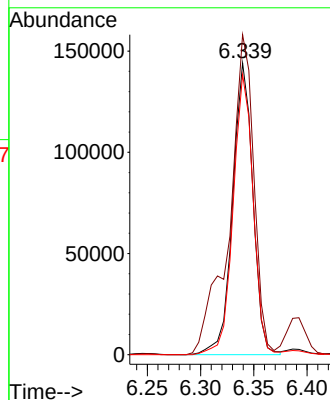
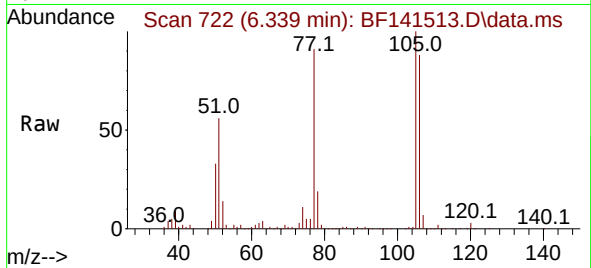
Tgt Ion: 77 Resp: 189802

Ion Ratio Lower Upper

77 100

105 109.7 79.4 119.4

106 96.1 75.1 115.1



#10

Phenol

Concen: 45.538 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

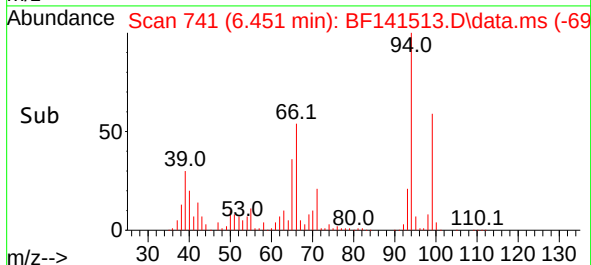
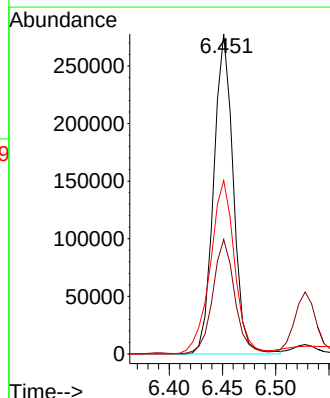
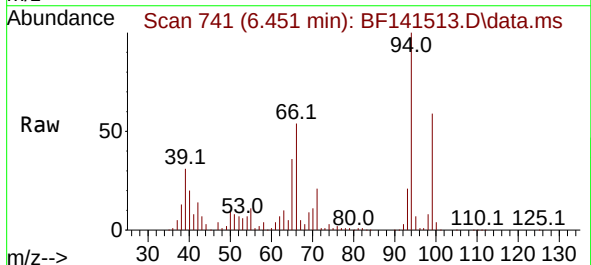
Tgt Ion: 94 Resp: 354611

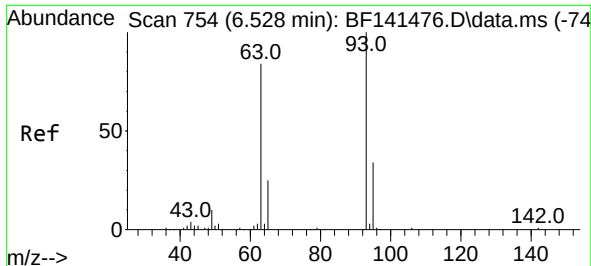
Ion Ratio Lower Upper

94 100

65 35.8 23.7 63.7

66 54.2 49.3 89.3

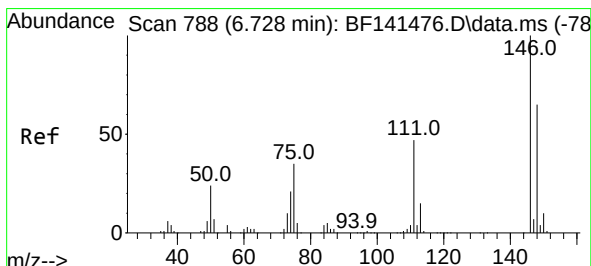
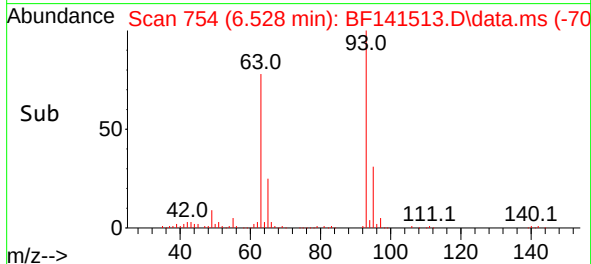
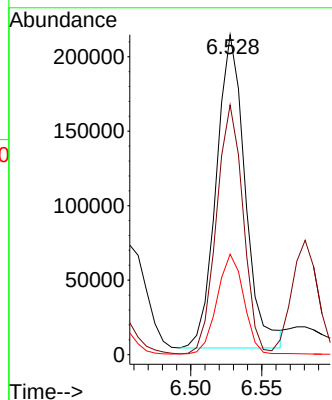
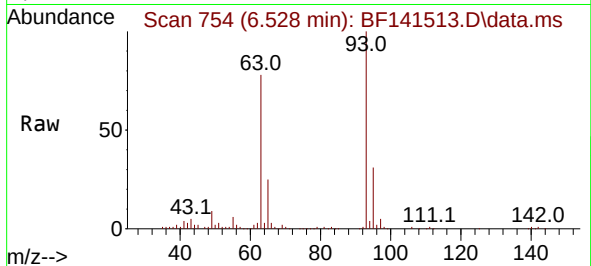




#11
bis(2-Chloroethyl)ether
Concen: 50.796 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

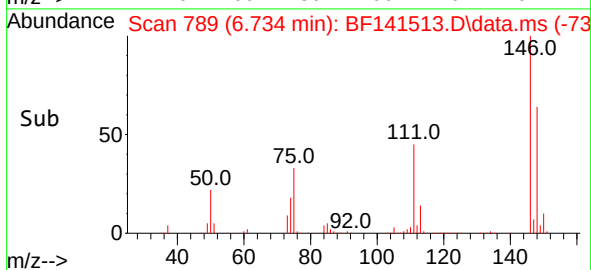
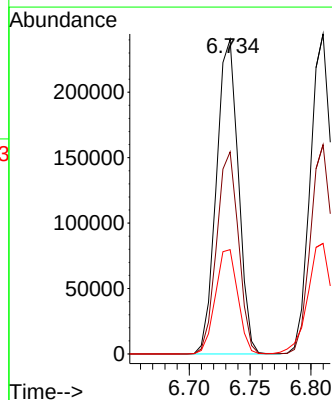
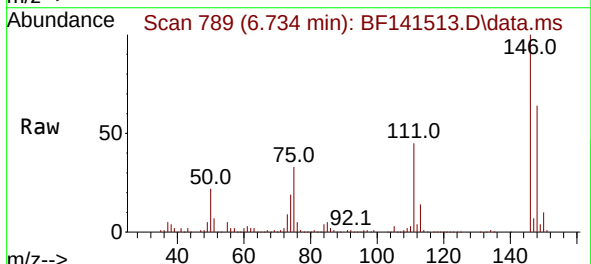
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

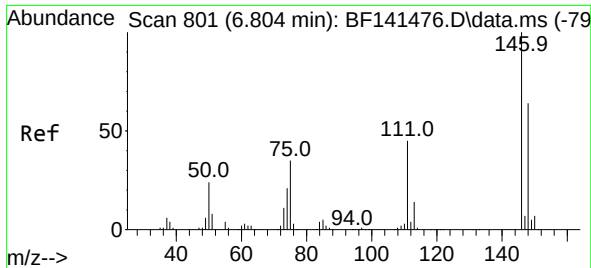
Tgt Ion: 93 Resp: 297103
Ion Ratio Lower Upper
93 100
63 78.1 62.0 102.0
95 31.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.710 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:146 Resp: 301913
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 33.2 28.2 42.2

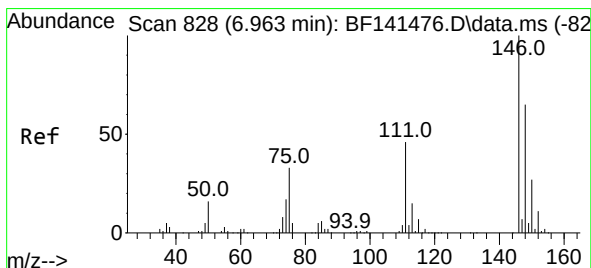
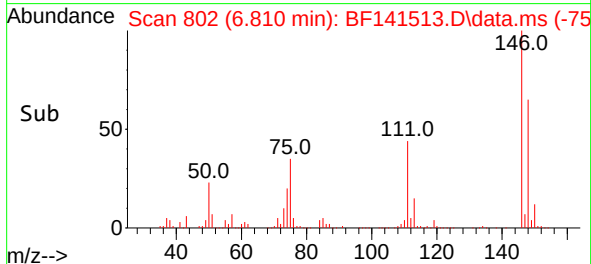
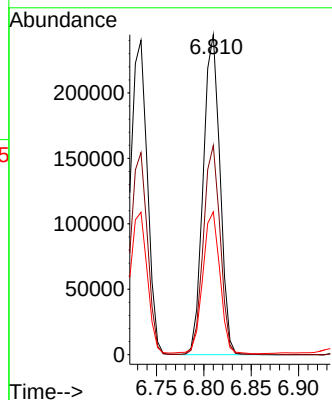
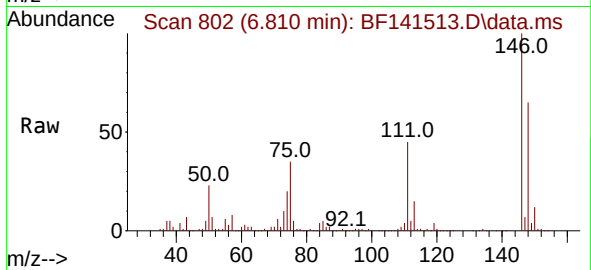




#13
1,4-Dichlorobenzene
Concen: 43.726 ng
RT: 6.810 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

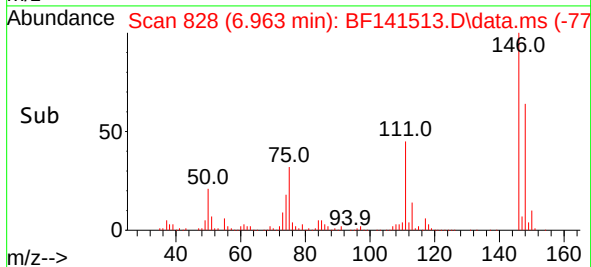
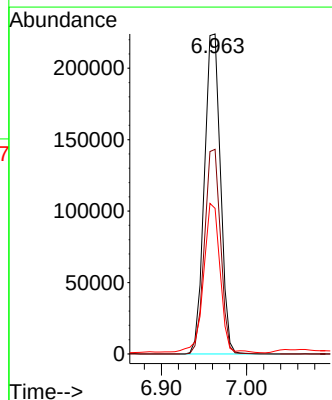
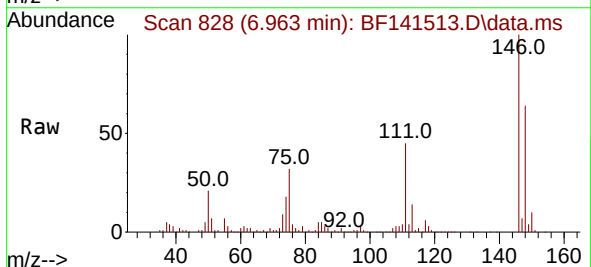
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

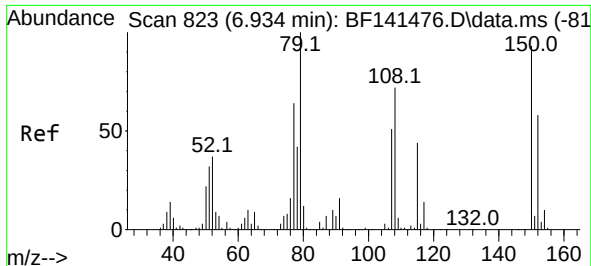
Tgt Ion:146 Resp: 301678
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
111 44.7 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.905 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:146 Resp: 293947
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
111 45.5 37.0 55.4

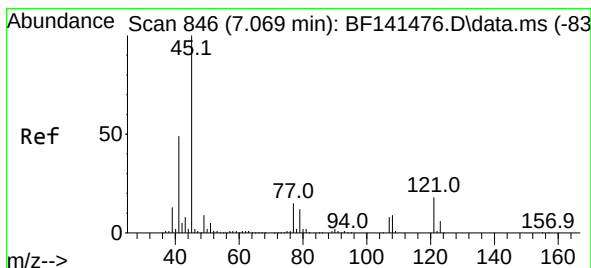
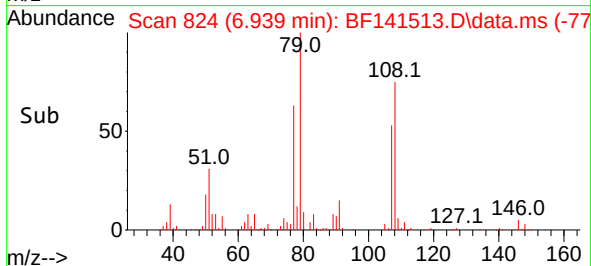
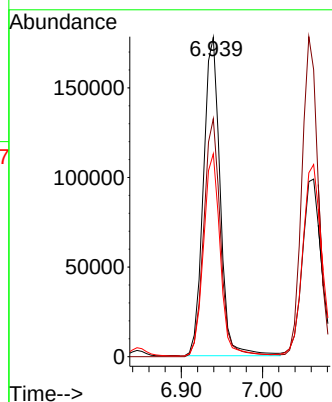
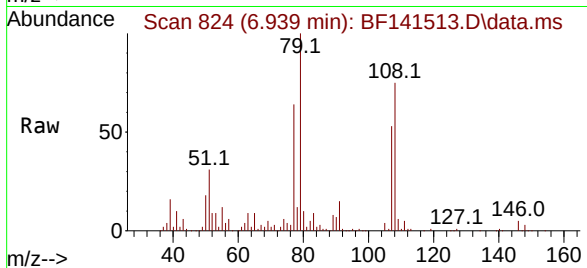




#15
Benzyl Alcohol
Concen: 44.341 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

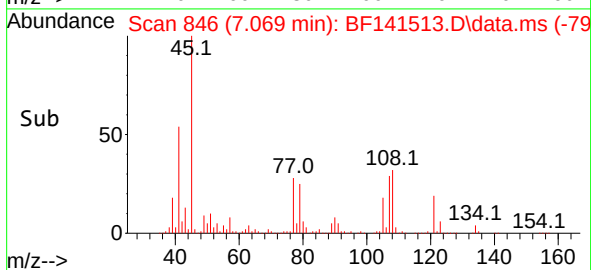
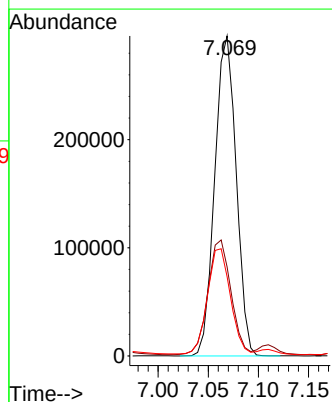
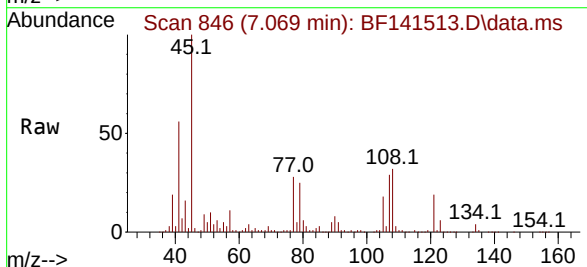
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

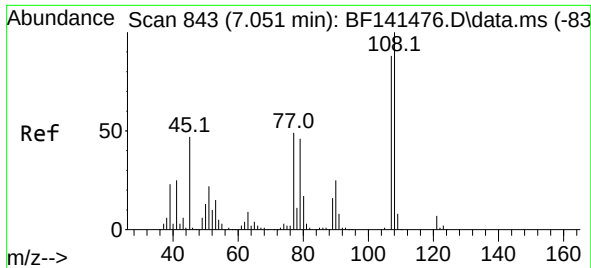
Tgt Ion: 79 Resp: 254400
Ion Ratio Lower Upper
79 100
108 74.5 57.4 86.2
77 63.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.869 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion: 45 Resp: 439230
Ion Ratio Lower Upper
45 100
77 27.9 0.0 35.8
79 24.8 0.0 32.7

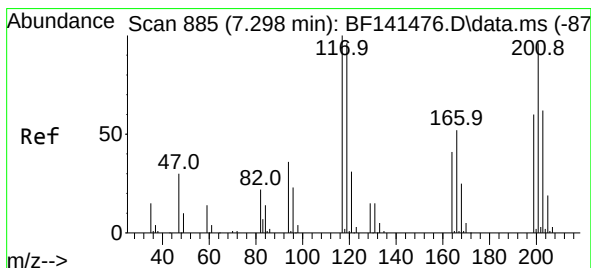
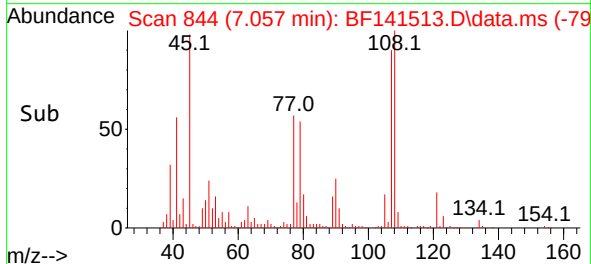
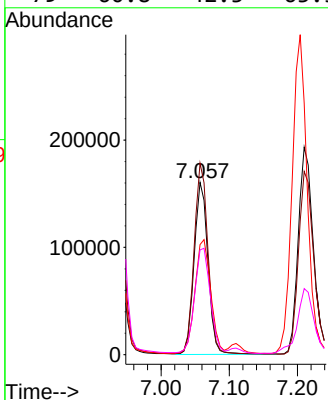
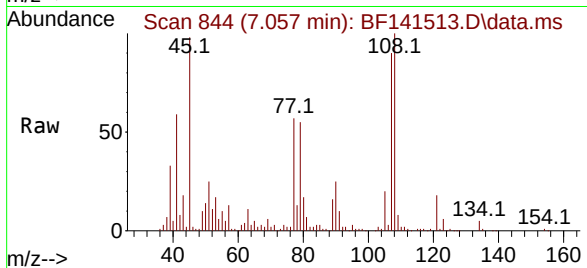




#17
2-Methylphenol
Concen: 45.197 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

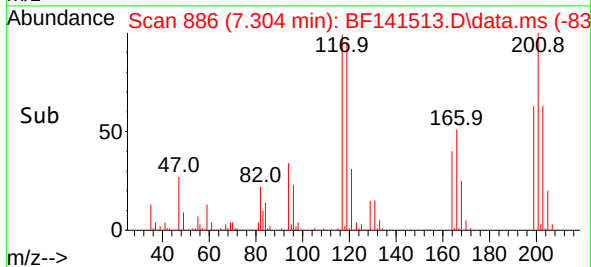
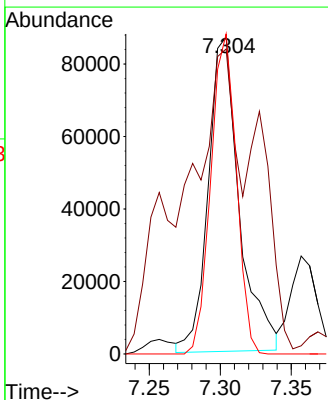
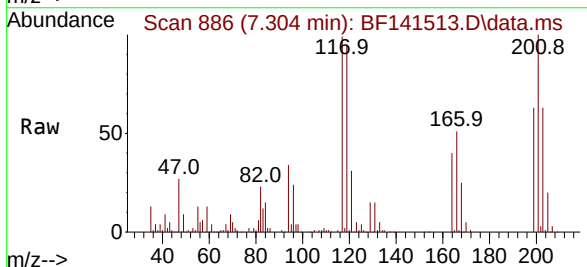
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

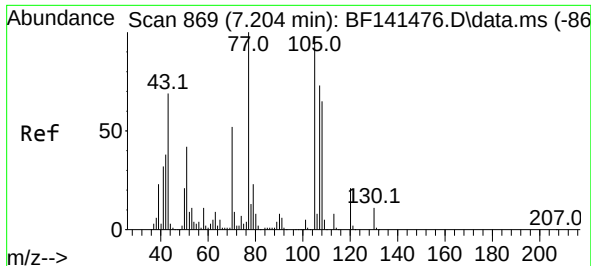
Tgt	Ion:107	Resp:	226234
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.6	136.0
77	63.9	44.4	66.6
79	60.8	42.3	63.5



#18
Hexachloroethane
Concen: 51.575 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:117	Resp:	131690	
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
201	100.9	76.7	115.1



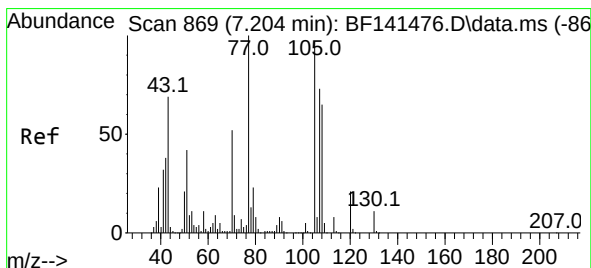
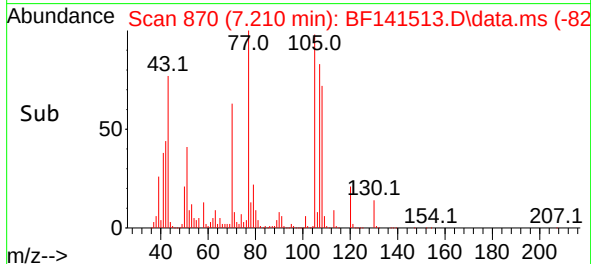
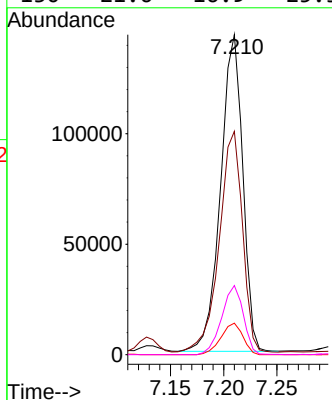
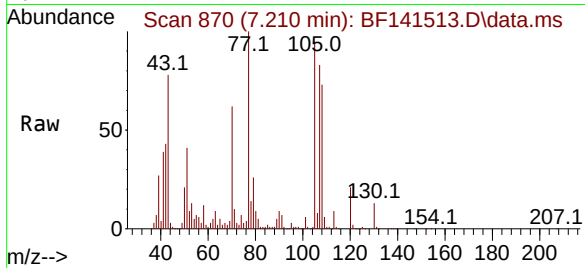


#19
n-Nitroso-di-n-propylamine
Concen: 46.208 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

Tgt Ion: 70 Resp: 206796

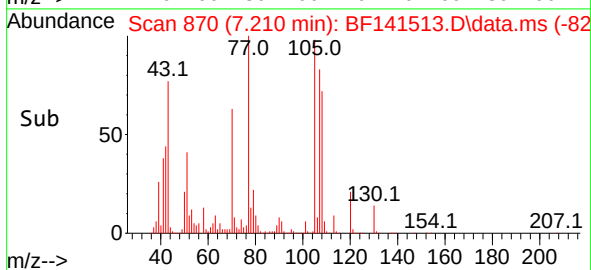
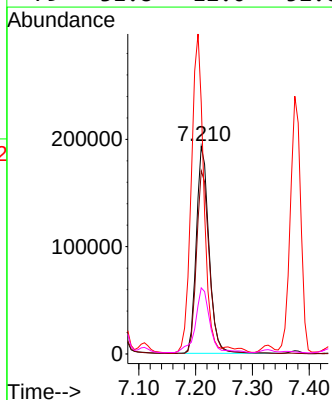
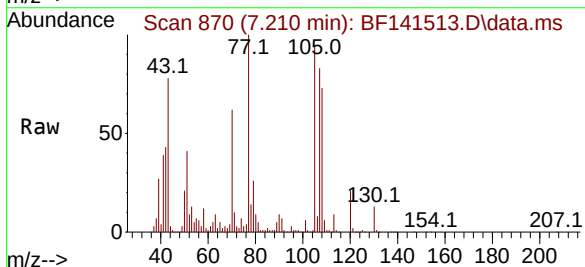
Ion	Ratio	Lower	Upper
70	100		
42	69.8	57.4	86.2
101	9.9	8.0	12.0
130	21.6	16.9	25.3

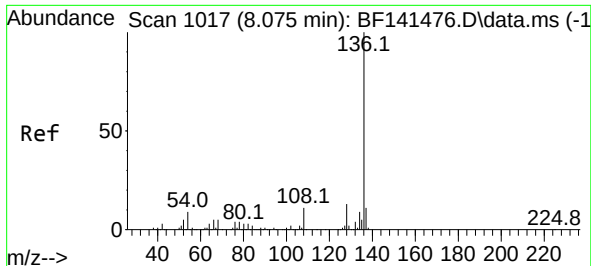


#20
3+4-Methylphenols
Concen: 47.234 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion: 107 Resp: 300469

Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.5	108.5
77	121.1	116.5	156.5
79	31.8	12.0	52.0



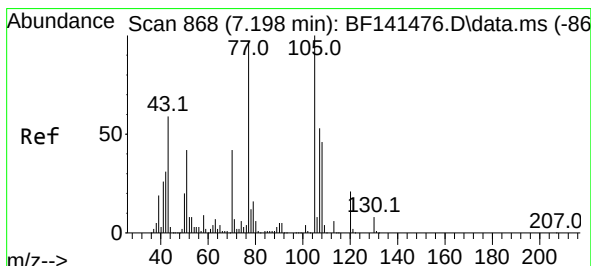
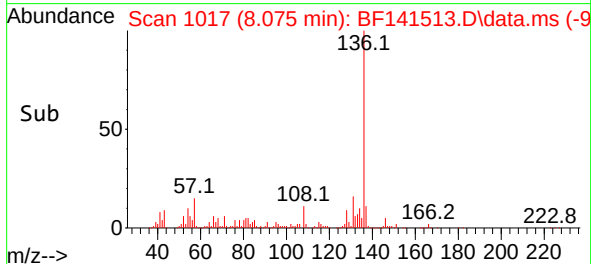
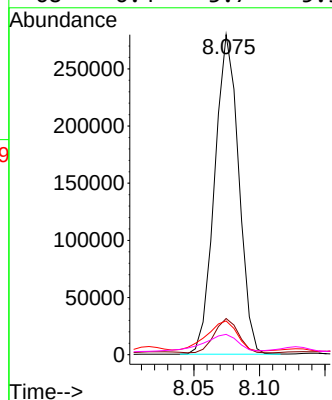
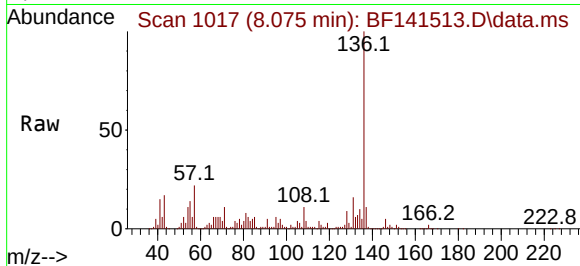


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

Tgt Ion:136 Resp: 356369

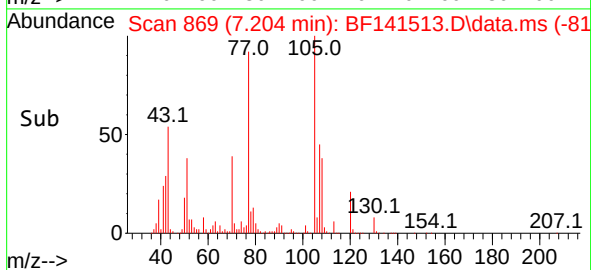
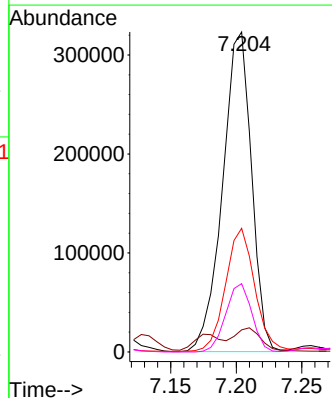
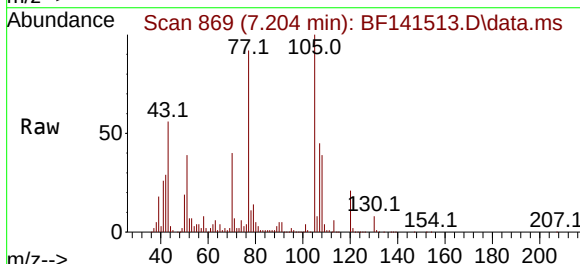
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.6	7.2	10.8
68	6.4	3.7	5.5

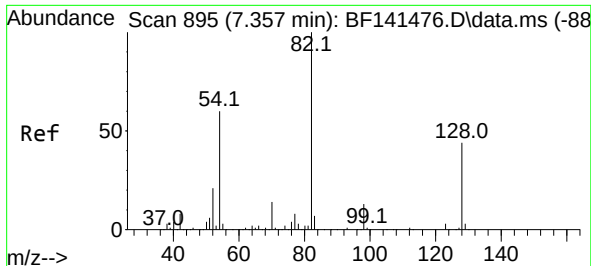


#22
Acetophenone
Concen: 55.957 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:105 Resp: 496051

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.7	8.5
51	38.7	33.7	50.5
120	21.4	17.0	25.6





#23

Nitrobenzene-d5

Concen: 77.026 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

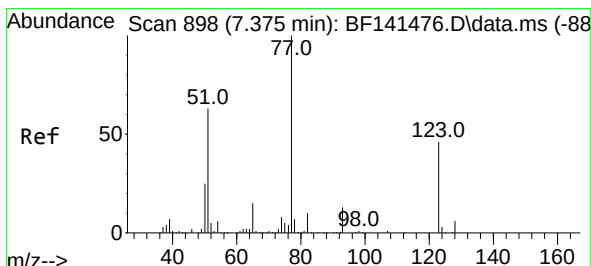
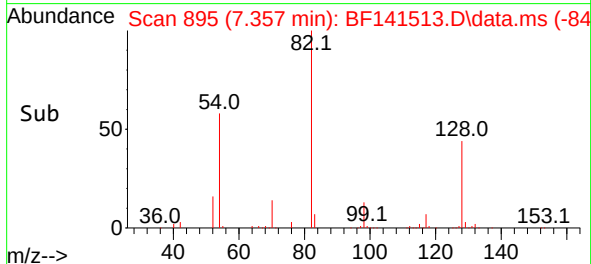
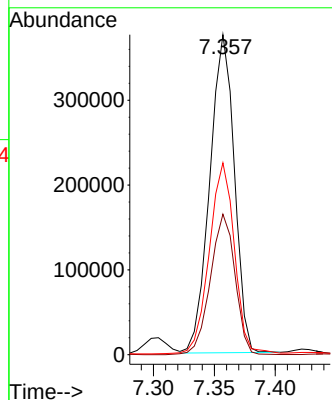
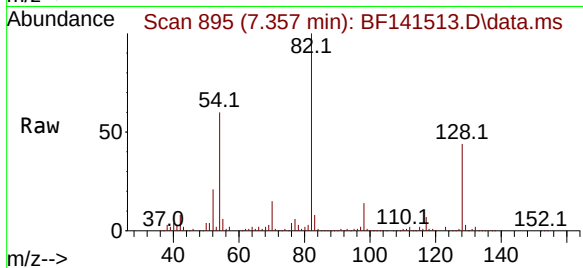
BNA_F

ClientSampleId :

HR-01-020425MS

Tgt Ion: 82 Resp: 526280

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.8	52.2
54	59.9	48.2	72.4



#24

Nitrobenzene

Concen: 45.299 ng

RT: 7.375 min Scan# 898

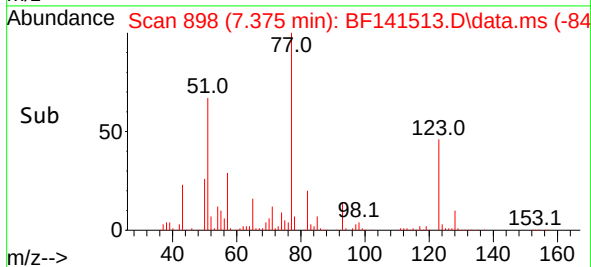
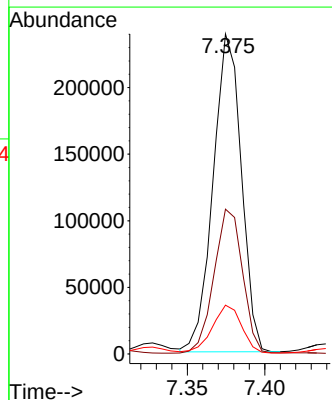
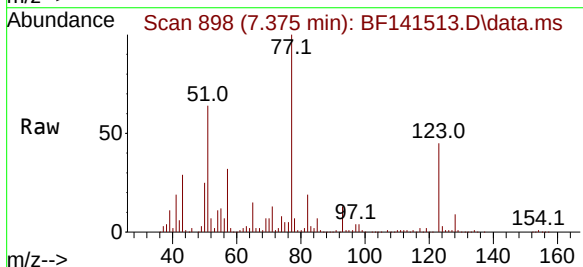
Delta R.T. -0.006 min

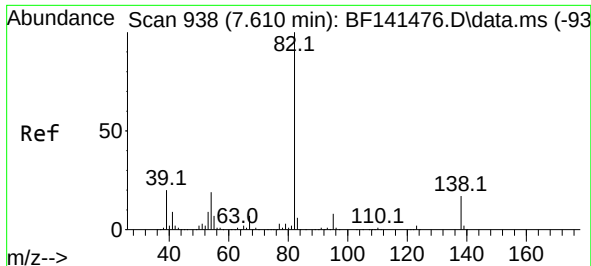
Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Tgt Ion: 77 Resp: 301803

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.9	55.3
65	15.2	11.9	17.9

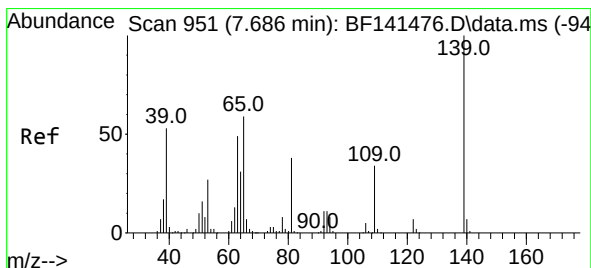
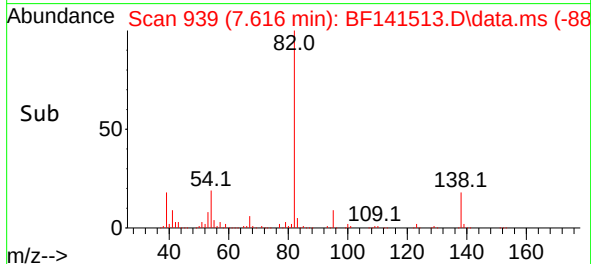
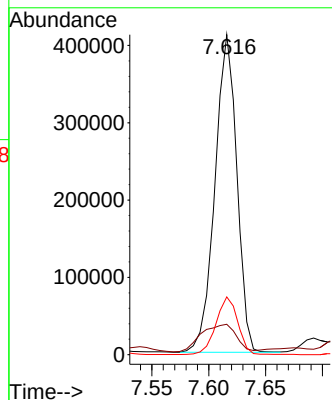
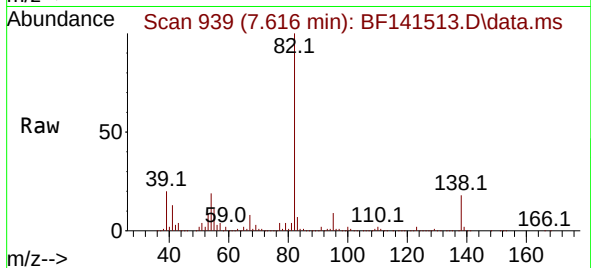




#25
Isophorone
Concen: 50.588 ng
RT: 7.616 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

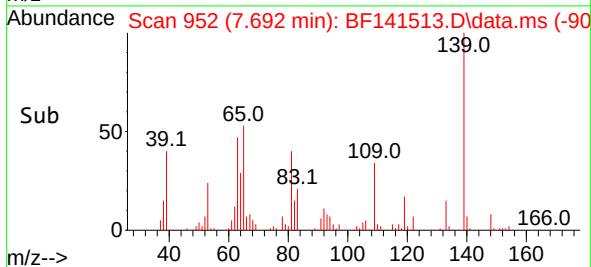
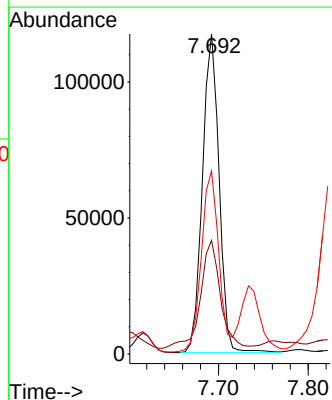
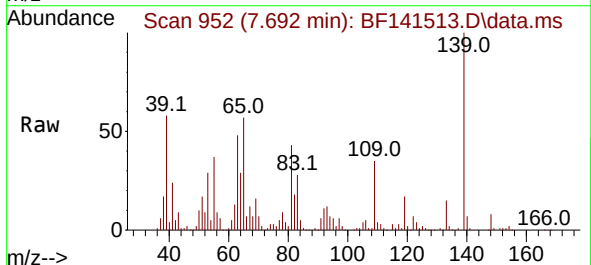
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

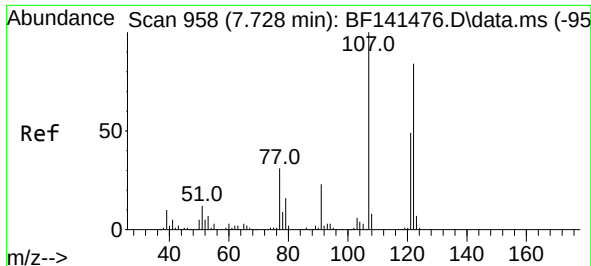
Tgt Ion: 82 Resp: 551112
Ion Ratio Lower Upper
82 100
95 9.5 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 45.494 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:139 Resp: 150798
Ion Ratio Lower Upper
139 100
109 35.5 27.0 40.6
65 57.2 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 60.104 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

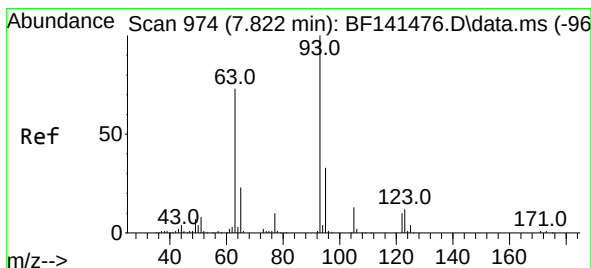
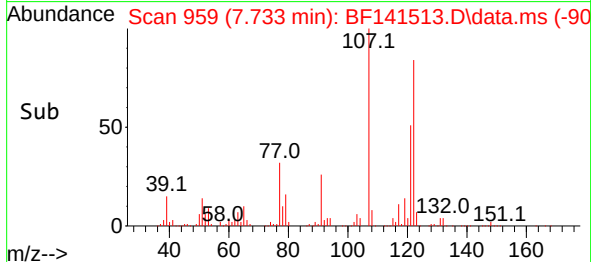
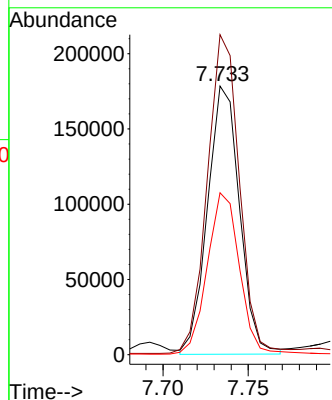
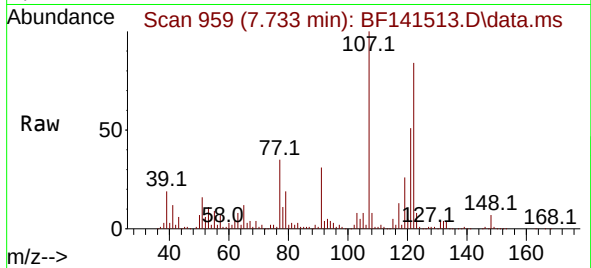
Tgt Ion:122 Resp: 232743

Ion Ratio Lower Upper

122 100

107 119.1 94.3 141.5

121 60.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.527 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

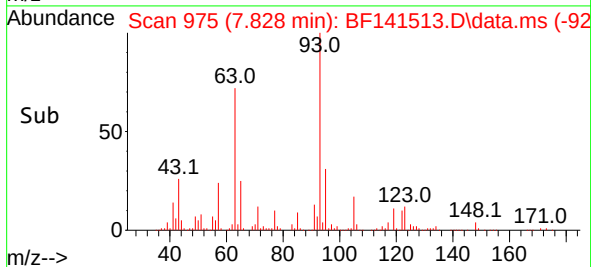
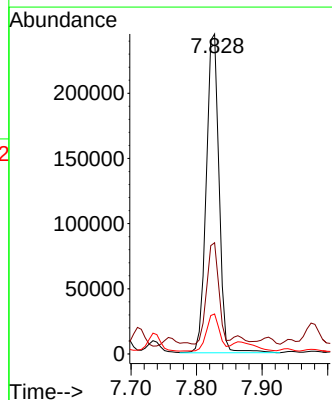
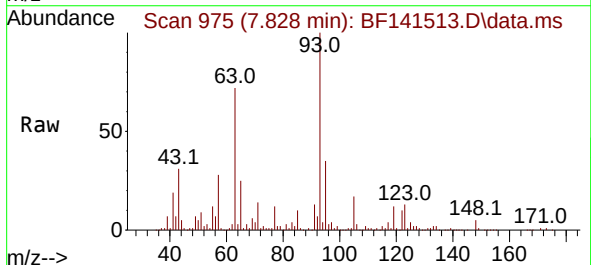
Tgt Ion: 93 Resp: 331773

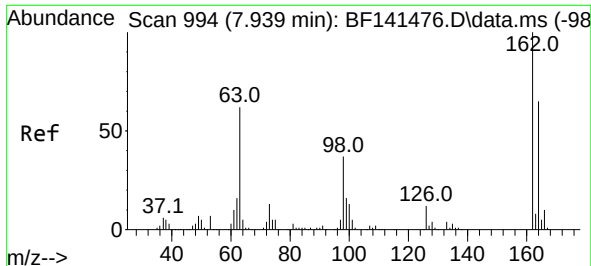
Ion Ratio Lower Upper

93 100

95 34.7 26.1 39.1

123 12.5 9.5 14.3

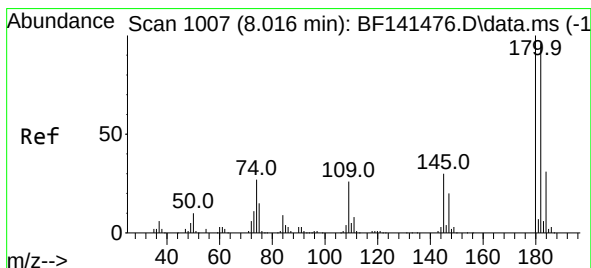
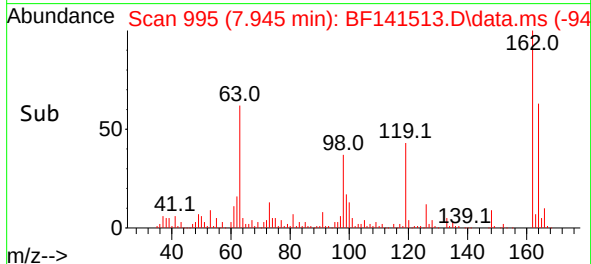
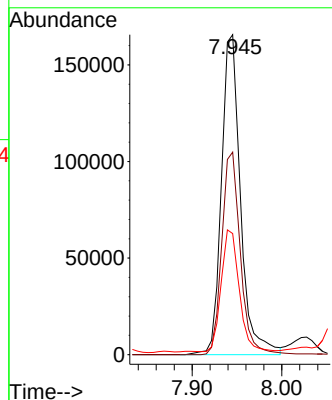
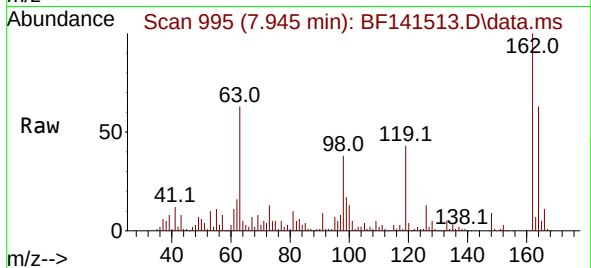




#29
2,4-Dichlorophenol
Concen: 46.746 ng
RT: 7.945 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

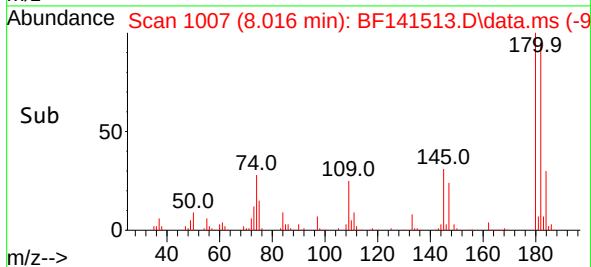
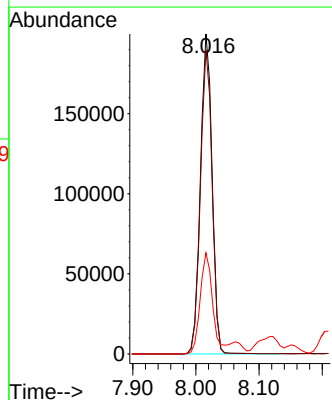
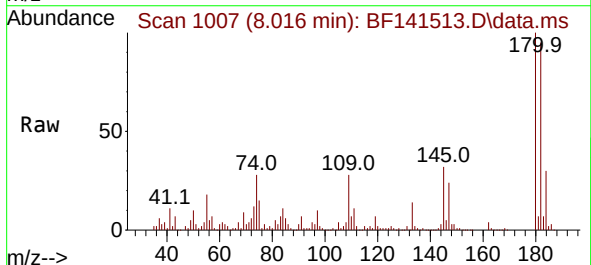
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

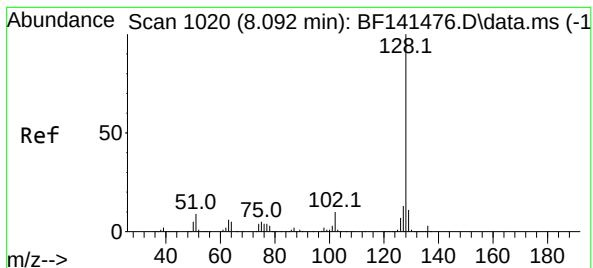
Tgt Ion:162 Resp: 244576
Ion Ratio Lower Upper
162 100
164 63.3 44.6 84.6
98 37.8 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 45.004 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:180 Resp: 256412
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.6 24.2 36.4





#31

Naphthalene

Concen: 48.423 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

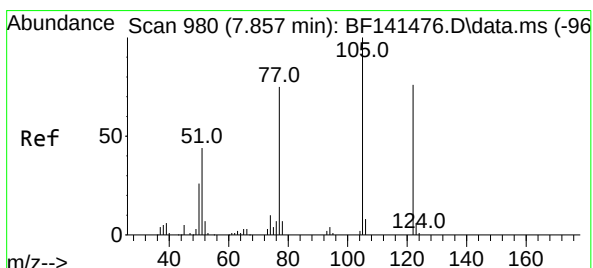
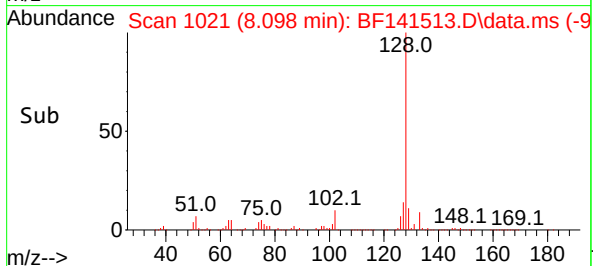
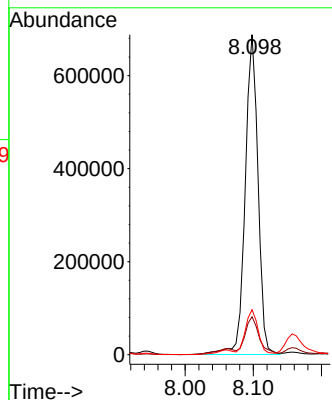
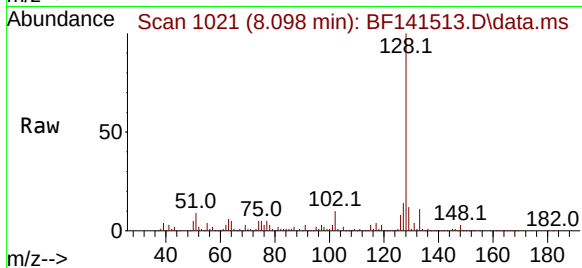
Tgt Ion:128 Resp: 898258

Ion Ratio Lower Upper

128 100

129 11.8 8.9 13.3

127 14.1 10.7 16.1



#32

Benzoic acid

Concen: 48.062 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.018 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

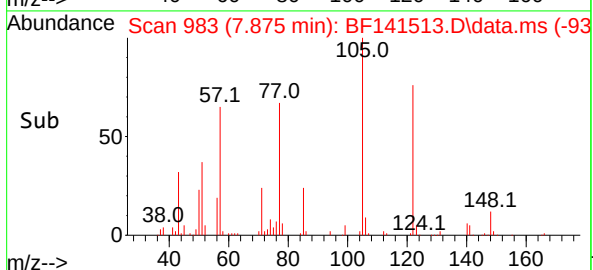
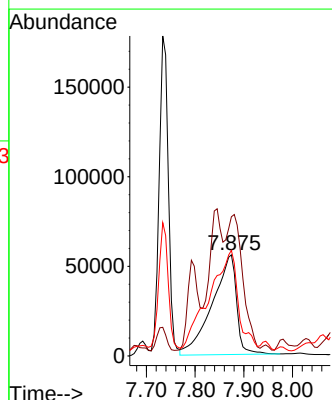
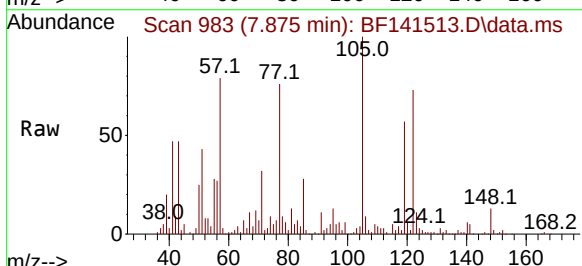
Tgt Ion:122 Resp: 193314

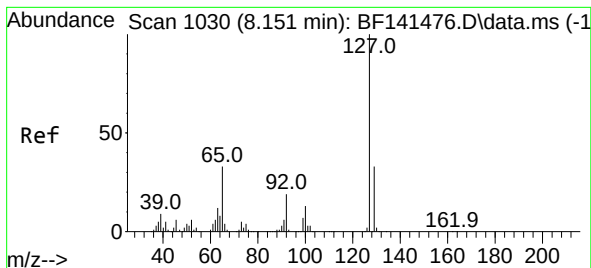
Ion Ratio Lower Upper

122 100

105 137.6 106.5 146.5

77 104.4 76.3 116.3





#33

4-Chloroaniline

Concen: 11.618 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

Tgt Ion:127 Resp: 75246

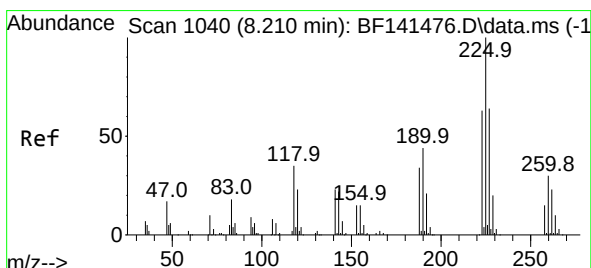
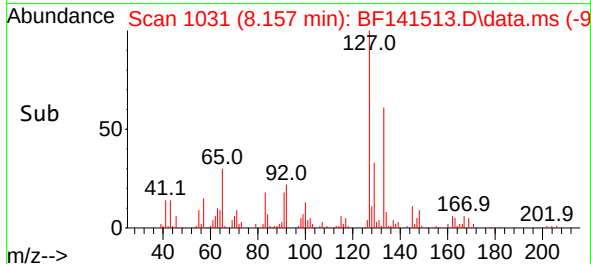
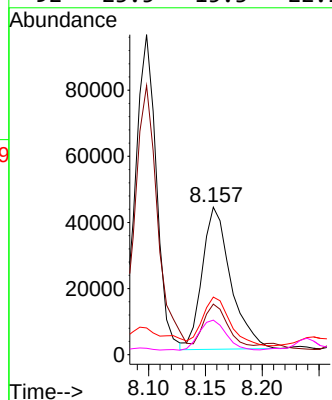
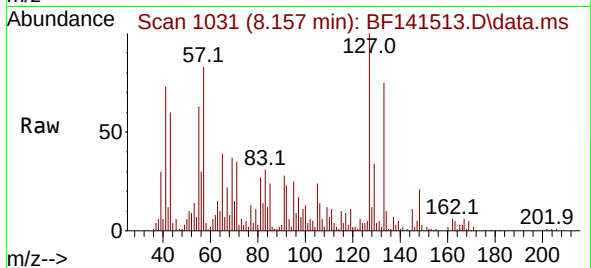
Ion Ratio Lower Upper

127 100

129 34.3 26.5 39.7

65 39.1 26.4 39.6

92 23.5 15.3 22.9#



#34

Hexachlorobutadiene

Concen: 47.325 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

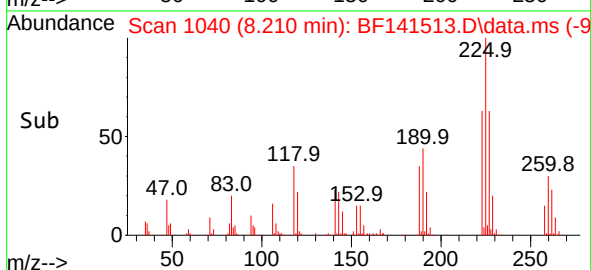
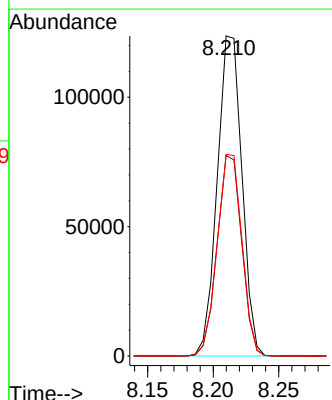
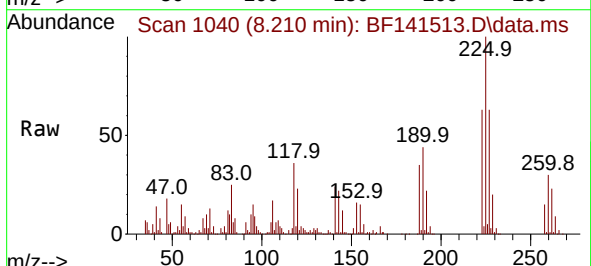
Tgt Ion:225 Resp: 161871

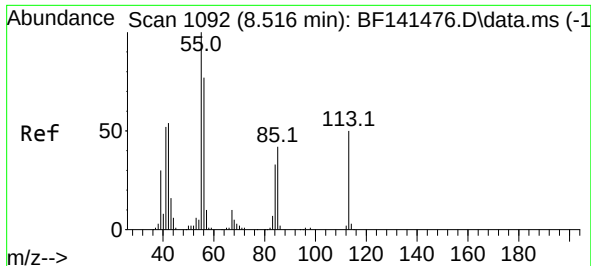
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 63.0 51.0 76.6

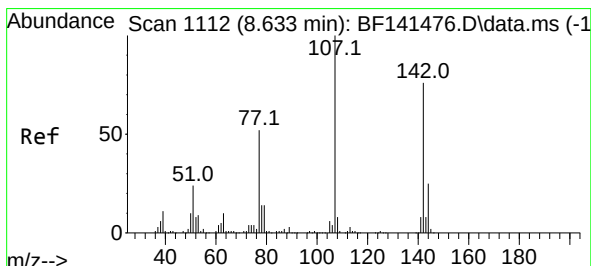
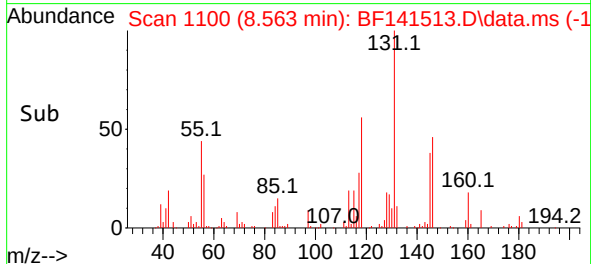
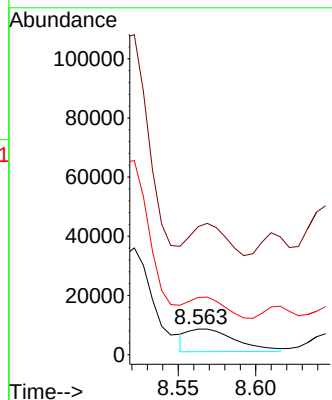
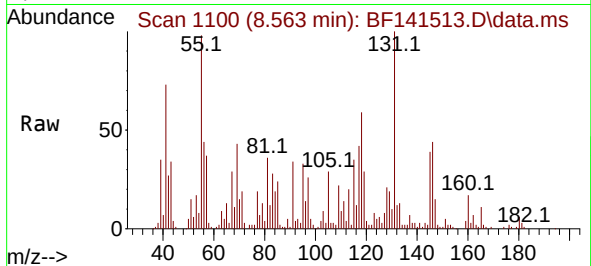




#35
 Caprolactam
 Concen: 10.409 ng
 RT: 8.563 min Scan# 1110
 Delta R.T. 0.018 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

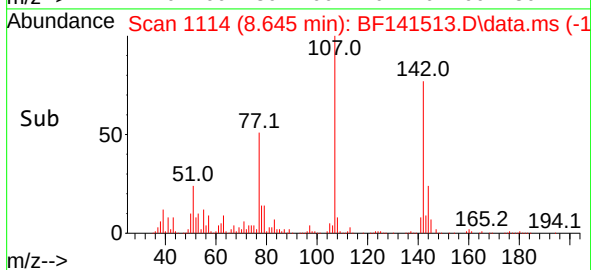
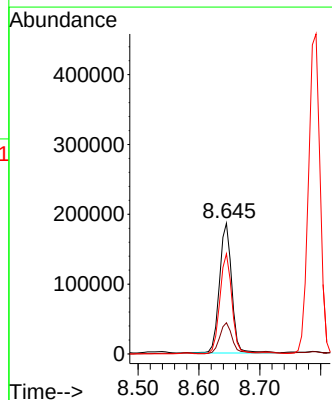
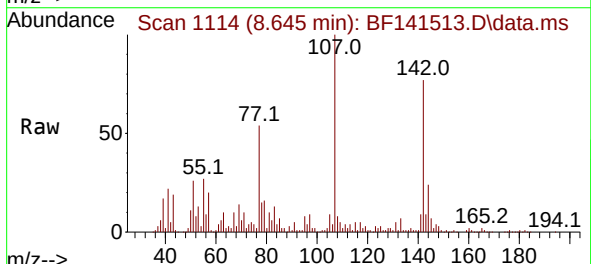
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425MS

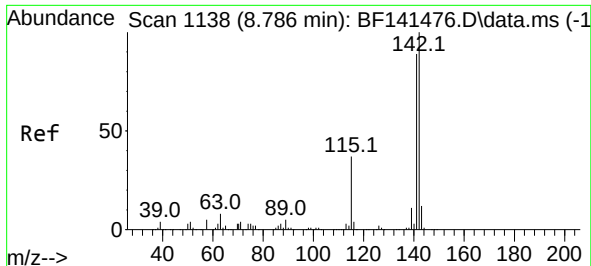
Tgt Ion:113 Resp: 16582
 Ion Ratio Lower Upper
 113 100
 55 500.3 180.8 220.8#
 56 223.8 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.765 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

Tgt Ion:107 Resp: 259439
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.7 29.5
 142 76.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 49.786 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

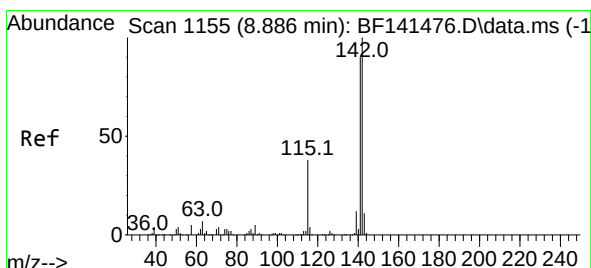
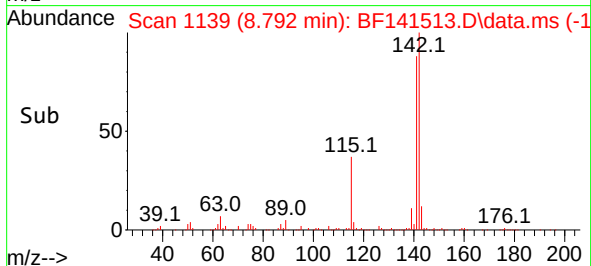
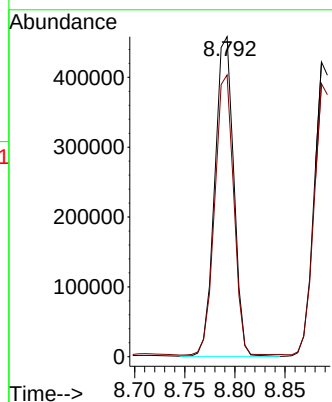
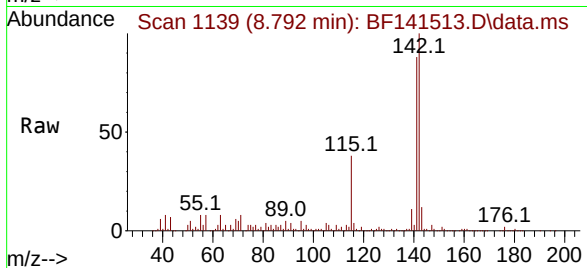
HR-01-020425MS

Tgt Ion:142 Resp: 600980

Ion Ratio Lower Upper

142 100

141 88.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 47.141 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF141513.D

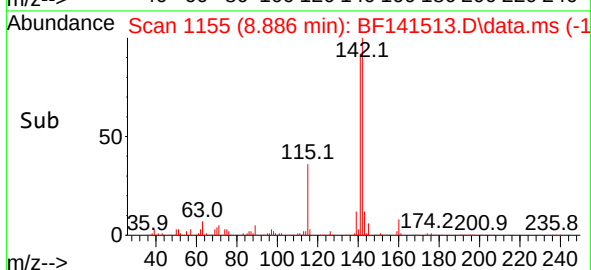
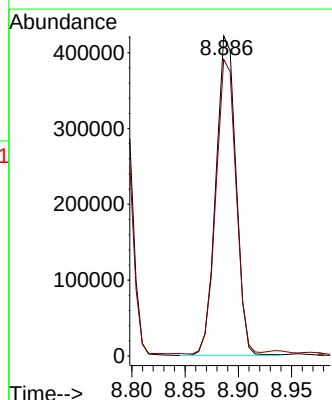
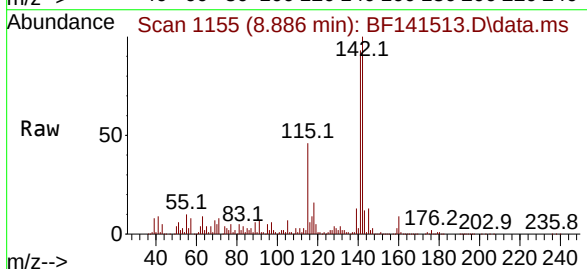
Acq: 07 Feb 2025 17:43

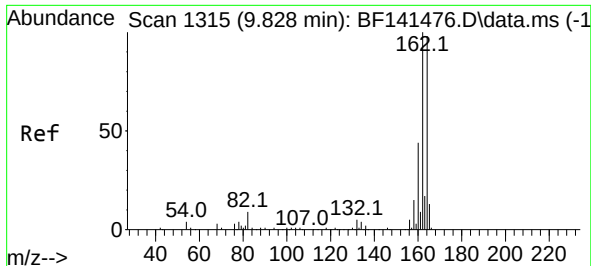
Tgt Ion:142 Resp: 551145

Ion Ratio Lower Upper

142 100

141 92.6 72.1 108.1



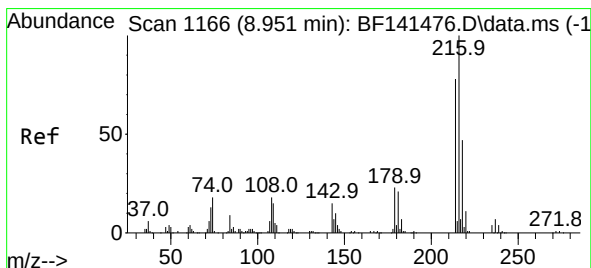
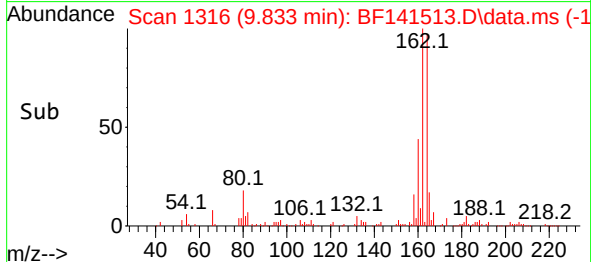
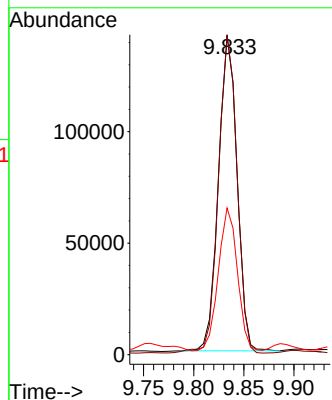
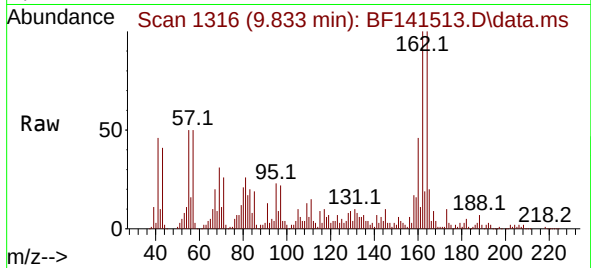


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

Tgt Ion:164 Resp: 182146

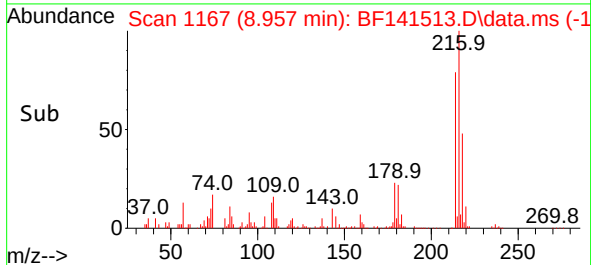
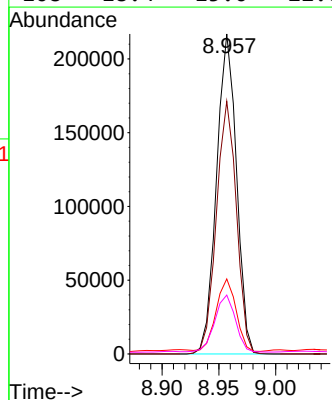
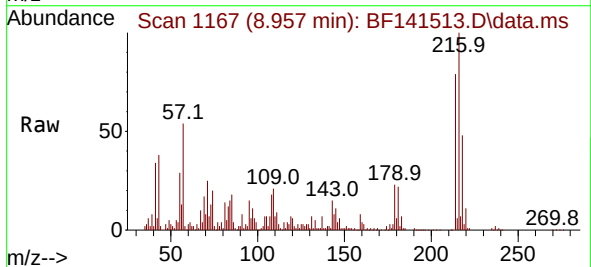
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.1	35.9	53.9

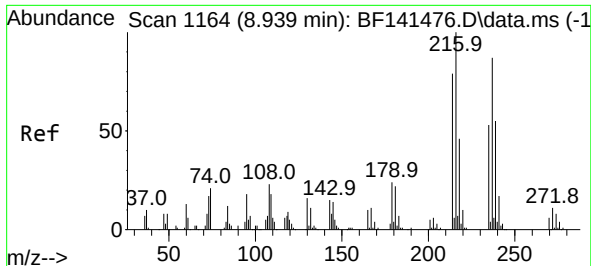


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.374 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:216 Resp: 265455

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.3	93.5
179	22.7	18.0	27.0
108	18.4	15.0	22.6

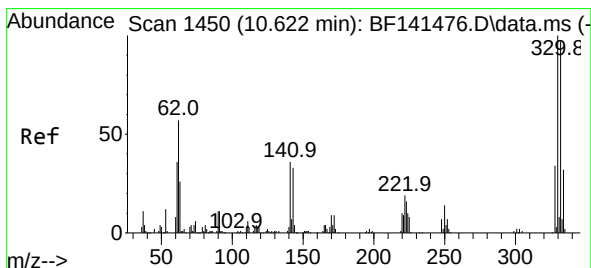
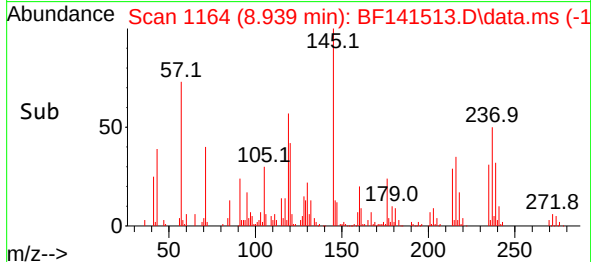
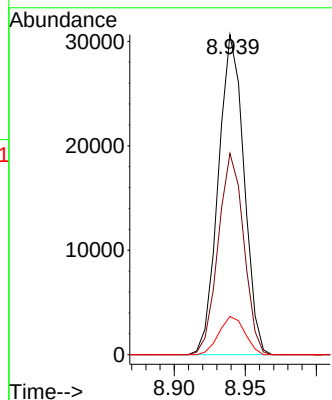
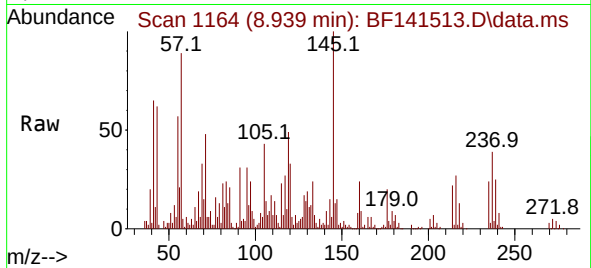




#41
Hexachlorocyclopentadiene
Concen: 21.928 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

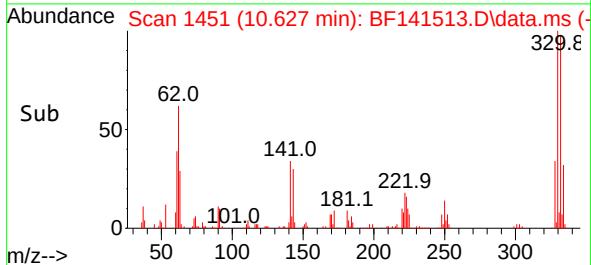
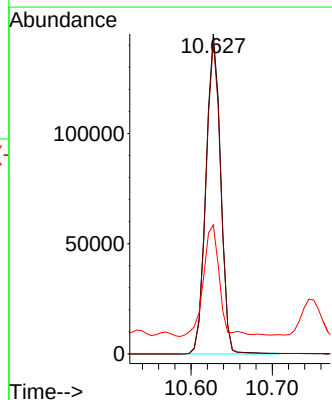
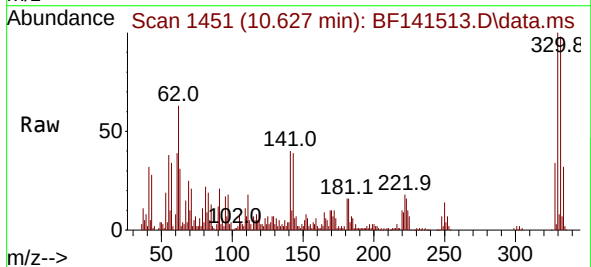
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

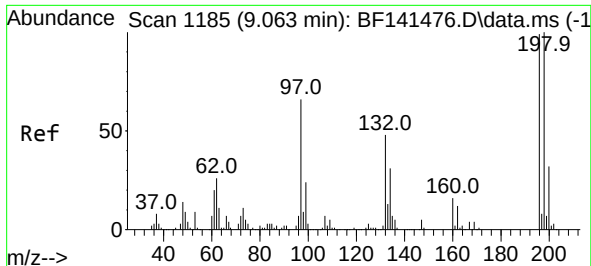
Tgt Ion:237	Resp:	38434
Ion Ratio	Lower	Upper
237	100	
235	62.9	41.4 81.4
272	11.9	0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 99.931 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:330	Resp:	182848
Ion Ratio	Lower	Upper
330	100	
332	97.3	78.5 117.7
141	36.8	31.0 46.4

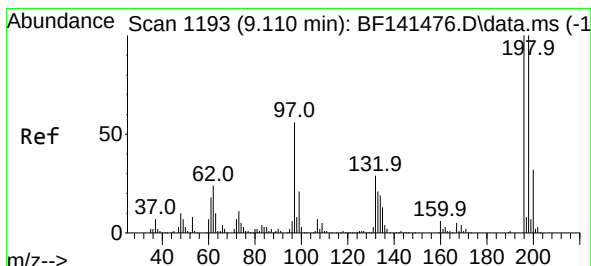
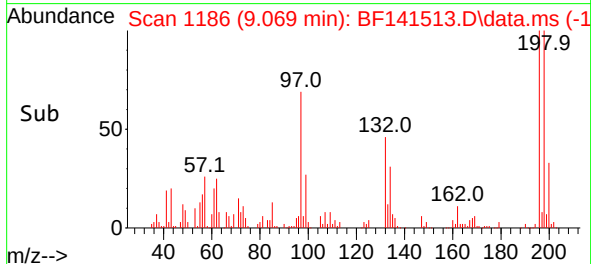
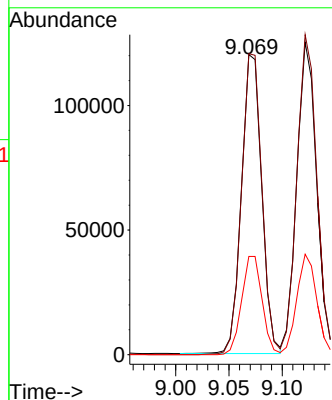
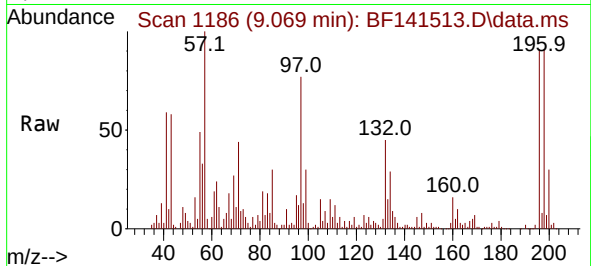




#43
2,4,6-Trichlorophenol
Concen: 46.743 ng
RT: 9.069 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

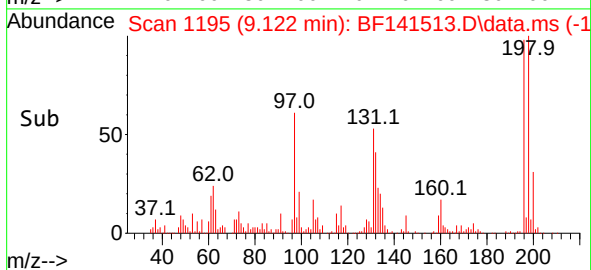
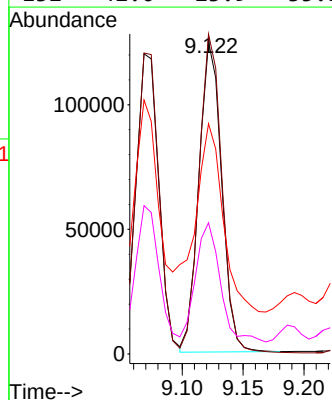
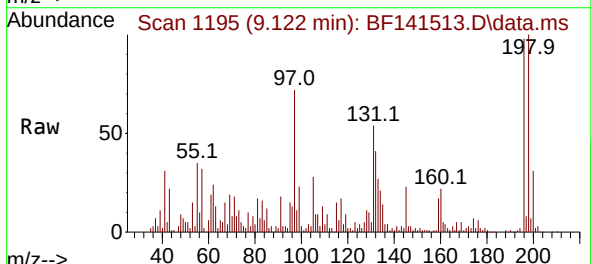
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

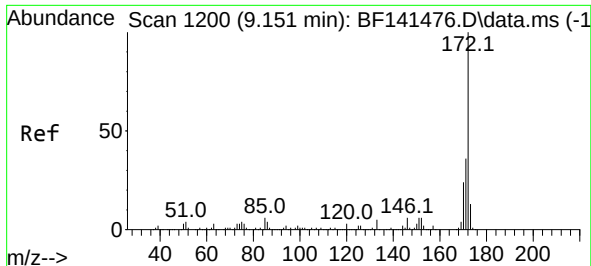
Tgt Ion:196 Resp: 159203
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 32.7 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 43.702 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:196 Resp: 161313
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.8
97 73.7 44.8 67.2#
132 42.0 23.9 35.9#

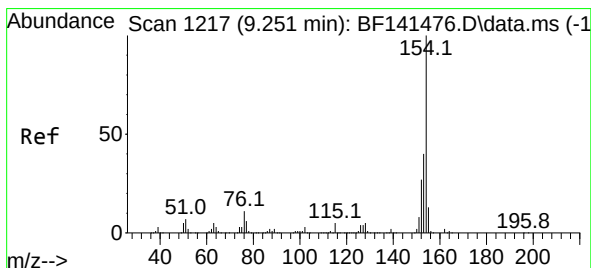
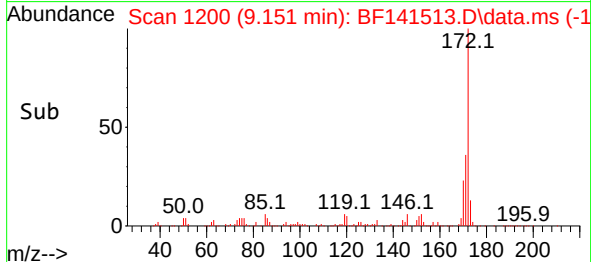
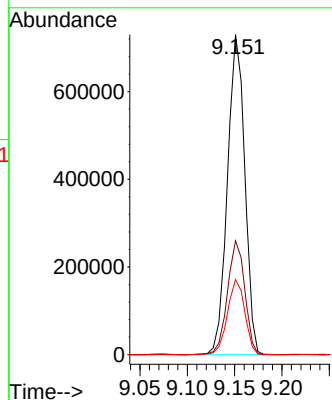
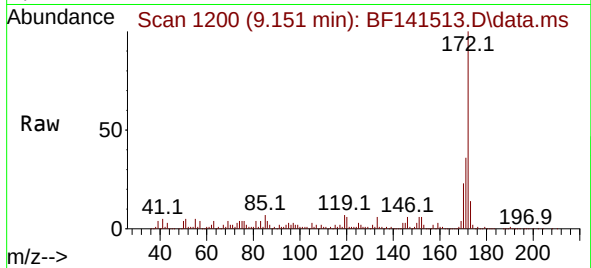




#45
2-Fluorobiphenyl
Concen: 78.649 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

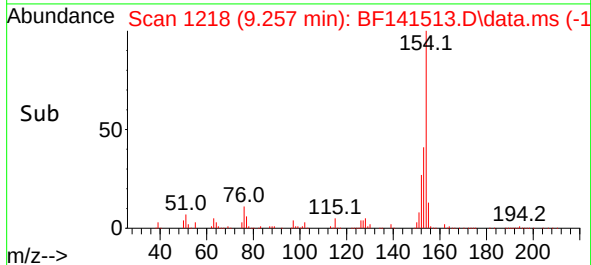
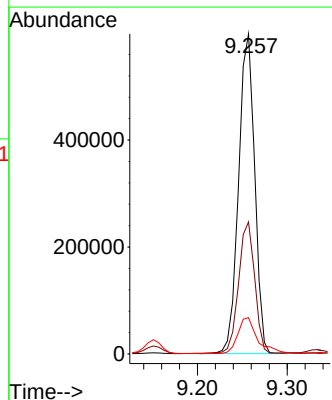
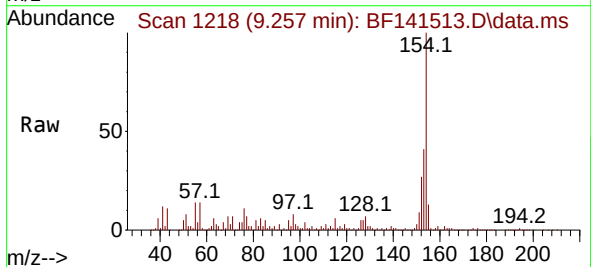
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

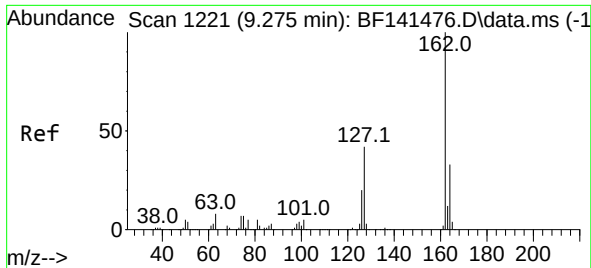
Tgt Ion:172 Resp: 929841
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 52.717 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:154 Resp: 744433
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 11.4 0.0 30.8

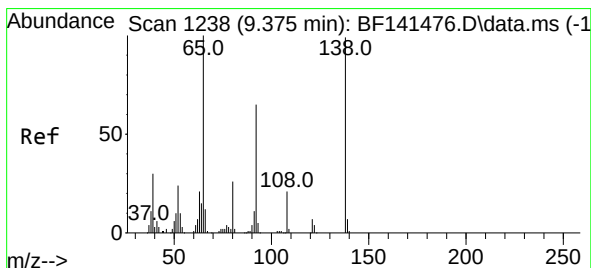
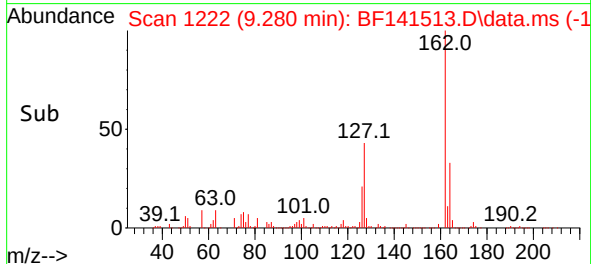
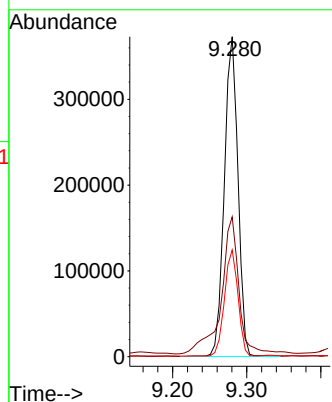
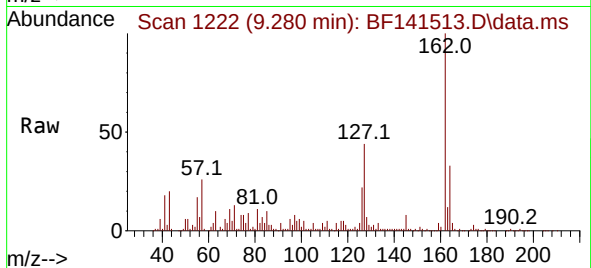




#47
2-Chloronaphthalene
Concen: 45.622 ng
RT: 9.280 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

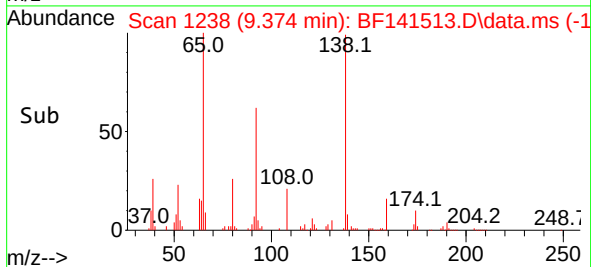
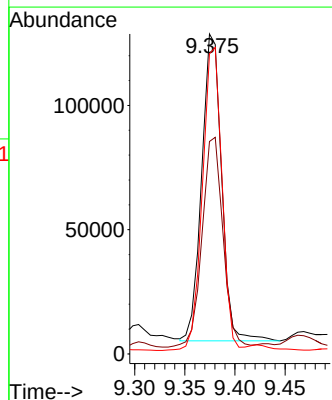
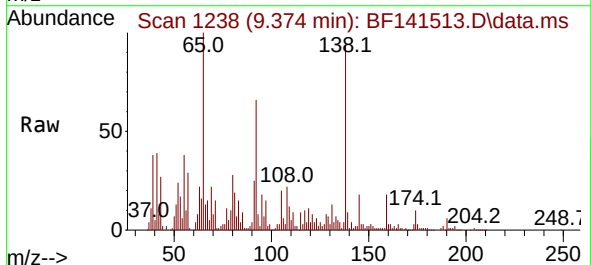
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

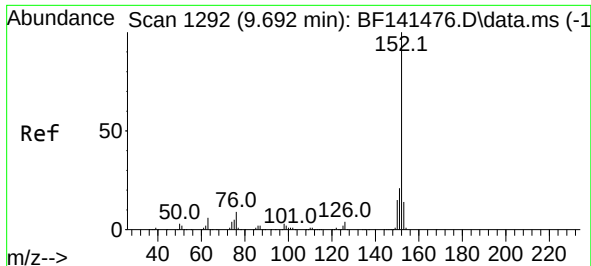
Tgt Ion:162 Resp: 476402
Ion Ratio Lower Upper
162 100
127 43.7 34.1 51.1
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 48.776 ng
RT: 9.374 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion: 65 Resp: 170934
Ion Ratio Lower Upper
65 100
92 66.4 52.2 78.2
138 93.8 79.5 119.3

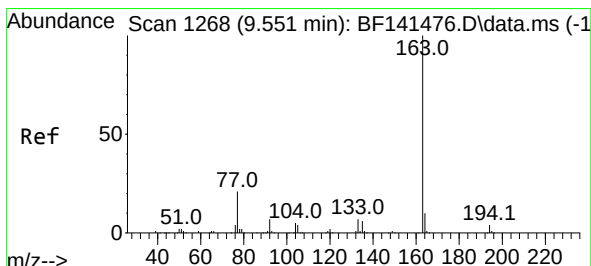
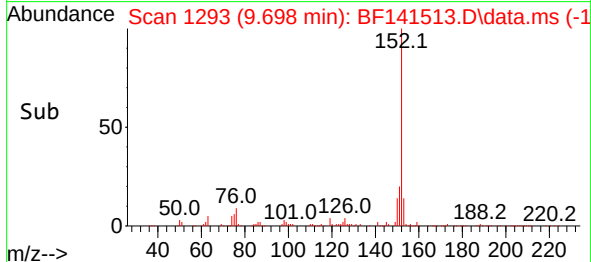
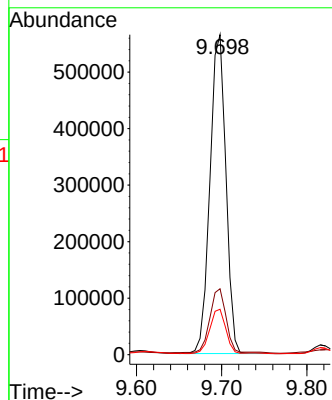
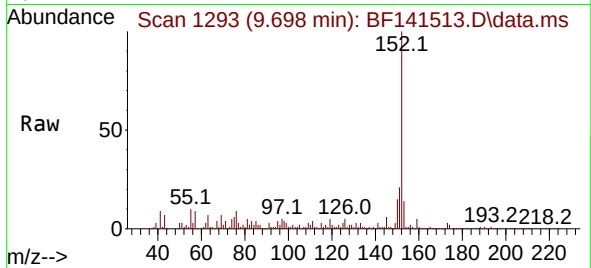




#49
Acenaphthylene
Concen: 47.298 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

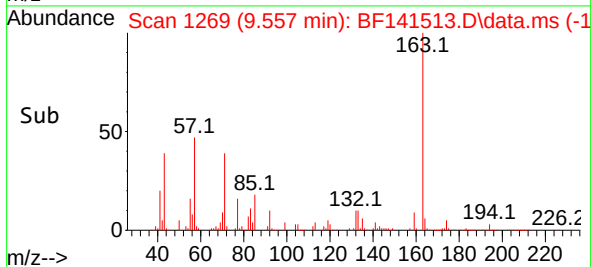
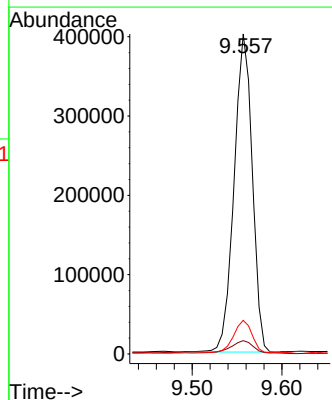
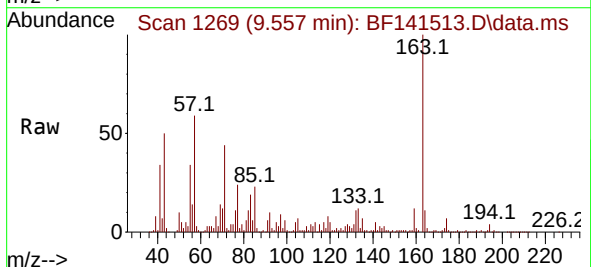
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

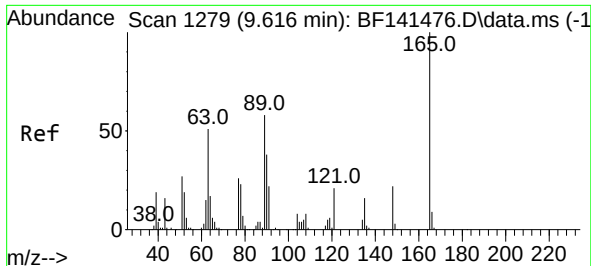
Tgt Ion:152 Resp: 734623
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.2 10.9 16.3



#50
Dimethylphthalate
Concen: 45.582 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:163 Resp: 563639
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.5 7.9 11.9

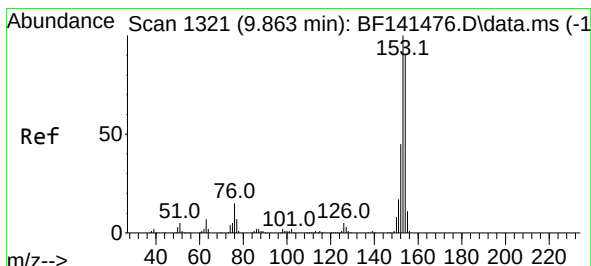
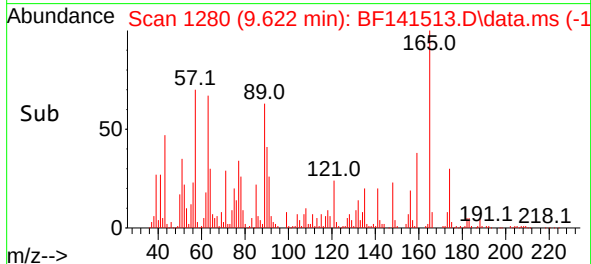
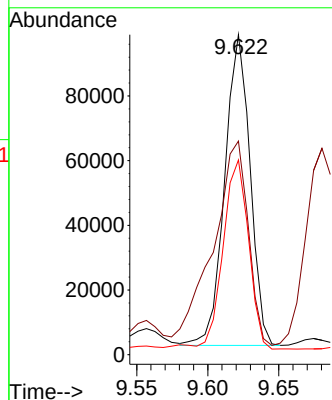
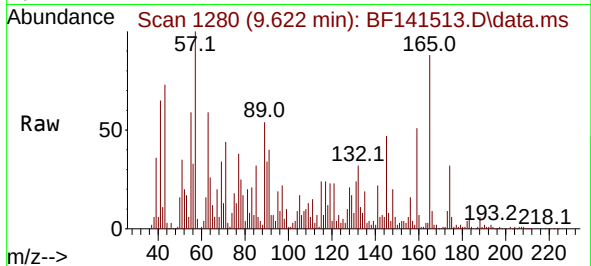




#51
2,6-Dinitrotoluene
Concen: 44.184 ng
RT: 9.622 min Scan# 119438
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

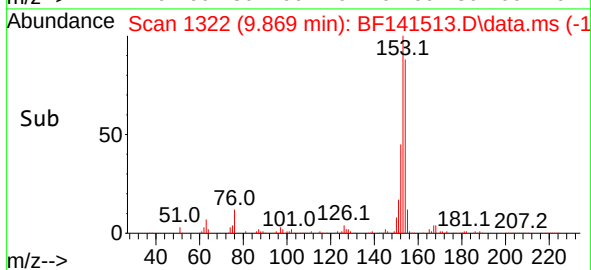
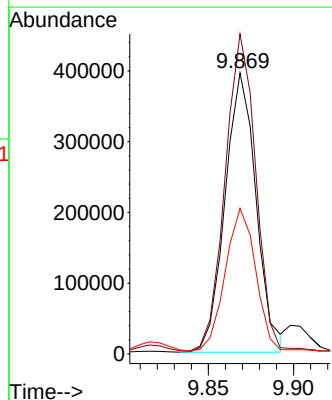
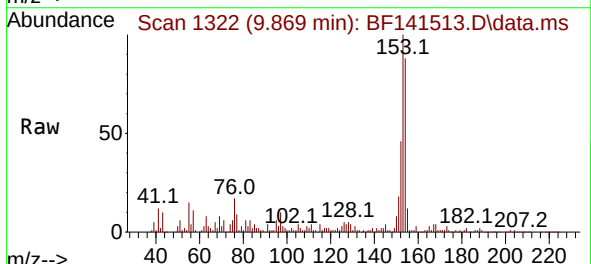
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

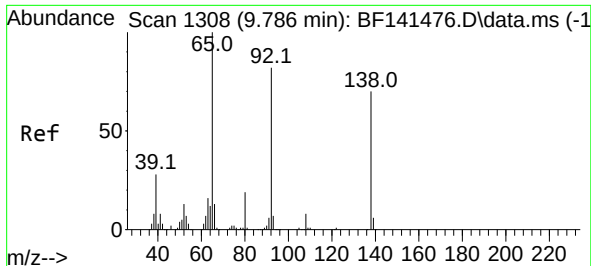
Tgt Ion:165 Resp: 119438
Ion Ratio Lower Upper
165 100
63 66.7 49.4 74.0
89 60.8 46.5 69.7



#52
Acenaphthene
Concen: 47.818 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:154 Resp: 499306
Ion Ratio Lower Upper
154 100
153 113.9 89.2 133.8
152 51.8 39.8 59.8

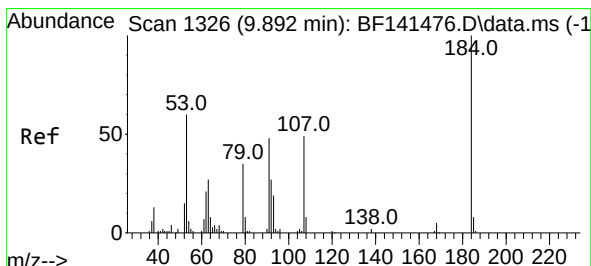
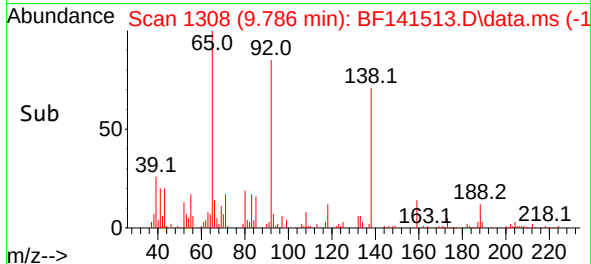
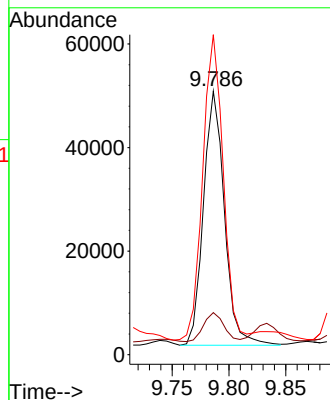
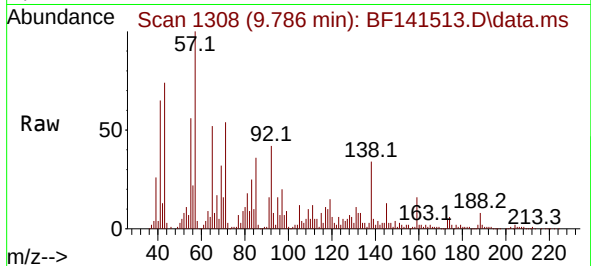




#53
3-Nitroaniline
Concen: 21.662 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

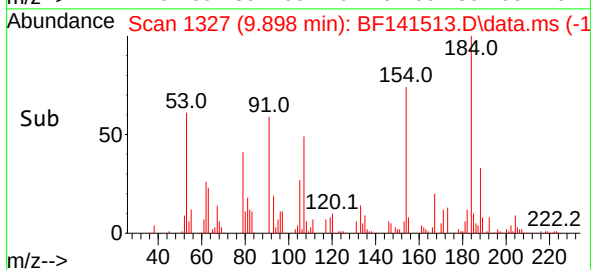
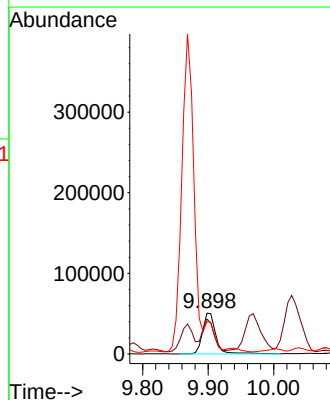
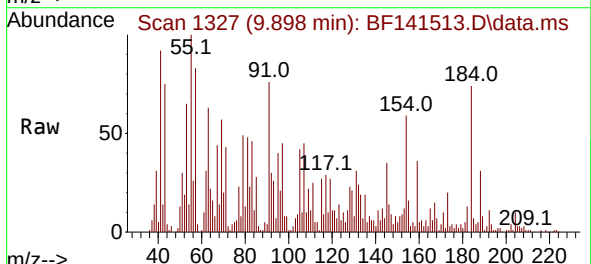
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

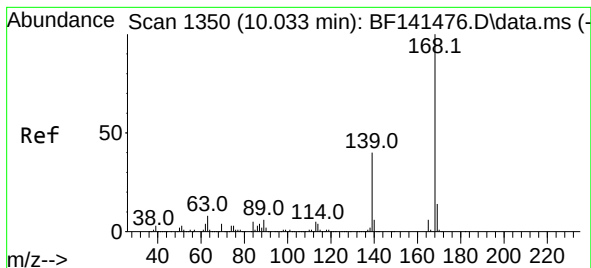
Tgt Ion:138 Resp: 63023
Ion Ratio Lower Upper
138 100
108 16.0 9.0 13.4#
92 121.4 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 44.555 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:184 Resp: 71581
Ion Ratio Lower Upper
184 100
63 85.6 61.0 91.6
154 79.7 59.9 89.9

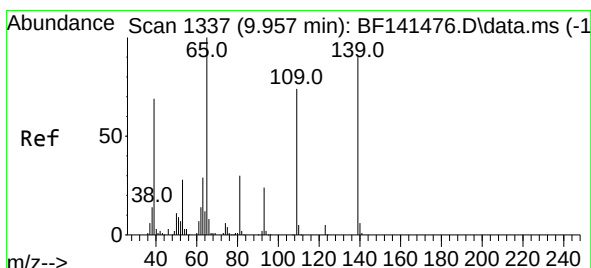
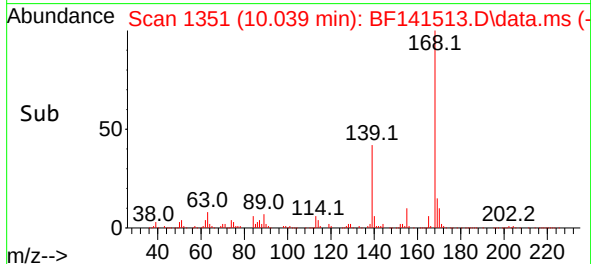
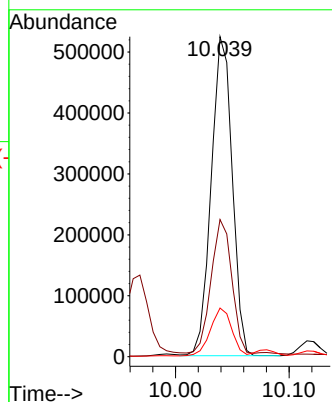
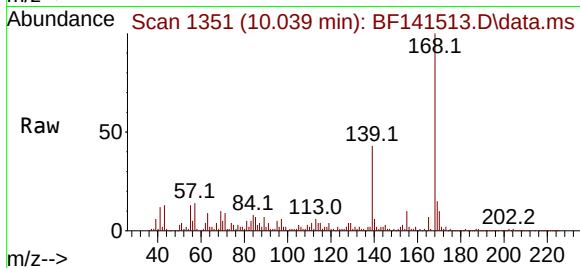




#55
Dibenzofuran
Concen: 43.924 ng
RT: 10.039 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

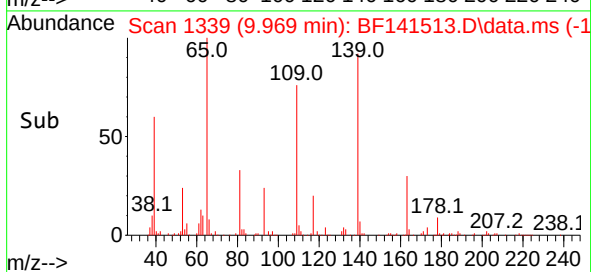
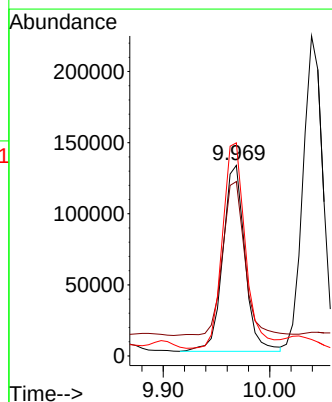
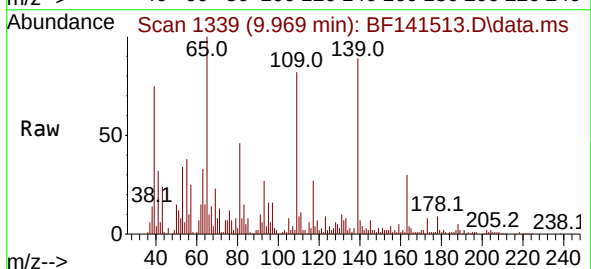
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

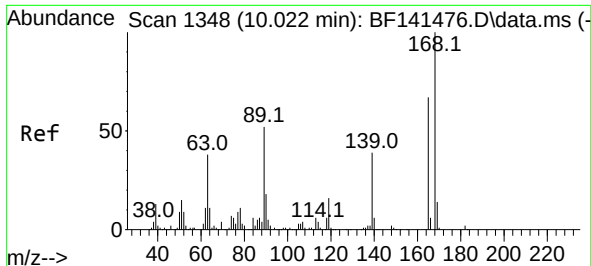
Tgt Ion:168 Resp: 673218
Ion Ratio Lower Upper
168 100
139 42.8 32.7 49.1
169 15.2 10.8 16.2



#56
4-Nitrophenol
Concen: 87.326 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

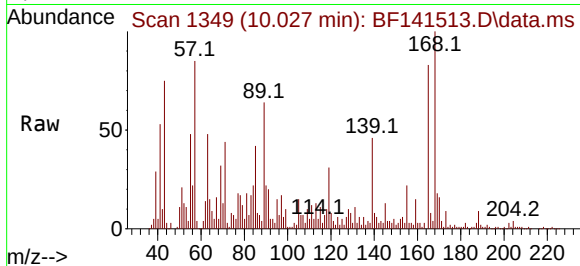
Tgt Ion:139 Resp: 188603
Ion Ratio Lower Upper
139 100
109 91.5 62.0 102.0
65 111.8 91.2 131.2



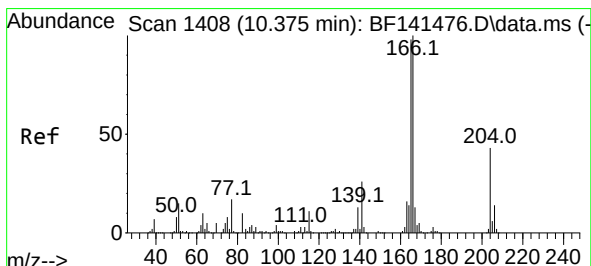
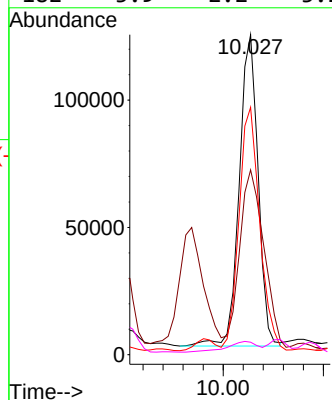
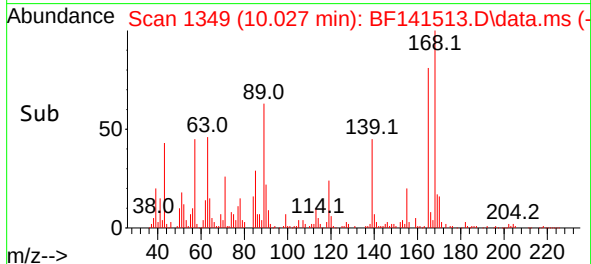


#57
2,4-Dinitrotoluene
Concen: 44.364 ng
RT: 10.027 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

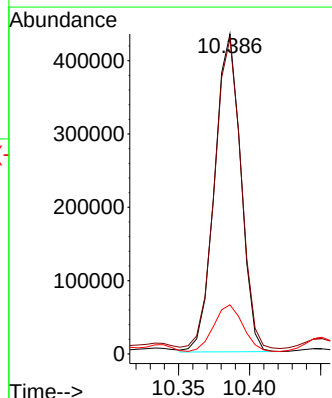
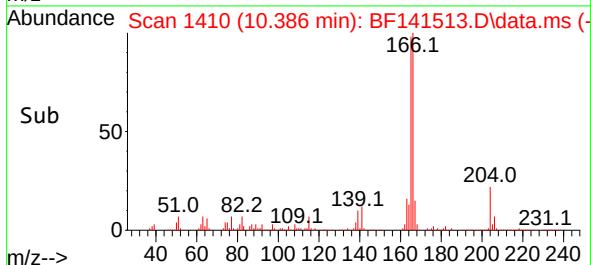
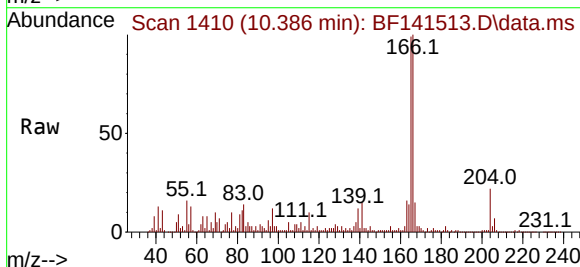


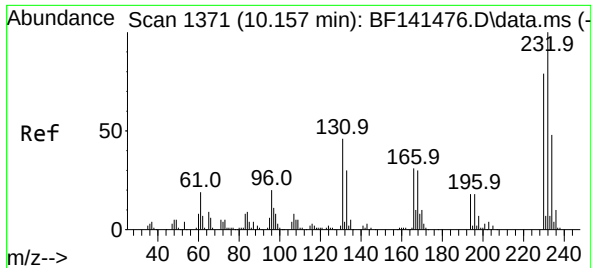
Tgt Ion:165 Resp: 159647
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 77.3 61.8 92.6
182 3.9 2.2 3.2#



#58
Fluorene
Concen: 46.722 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:166 Resp: 553693
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 15.4 10.7 16.1

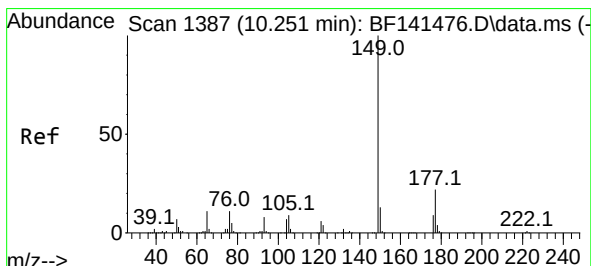
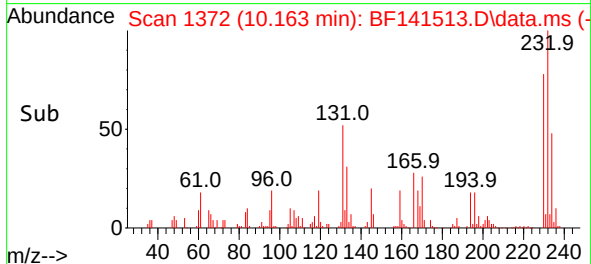
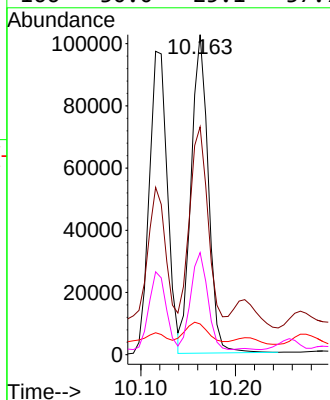
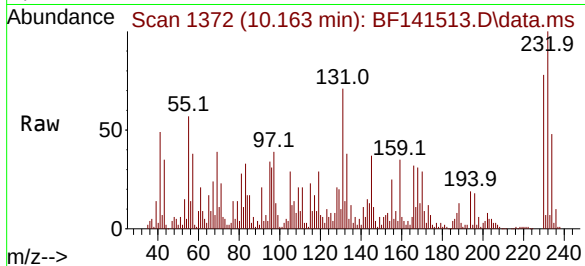




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.538 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

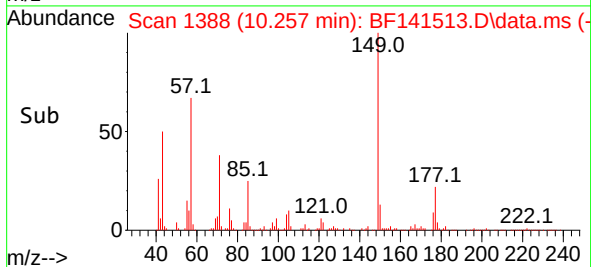
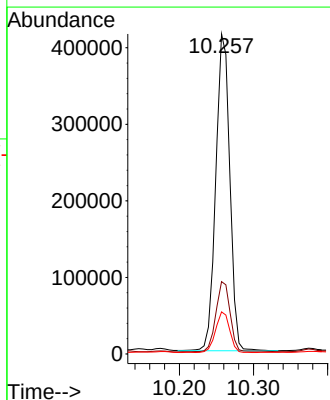
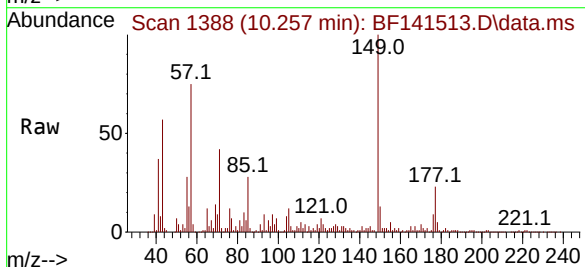
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

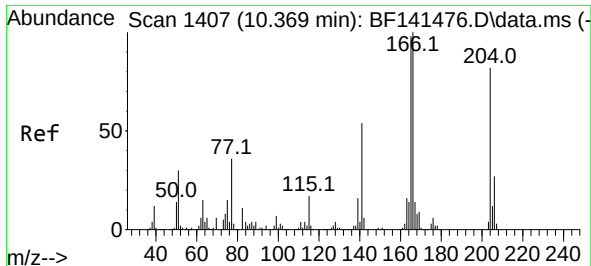
Tgt Ion:232 Resp: 128824
Ion Ratio Lower Upper
232 100
131 64.1 39.2 58.8#
130 8.1 2.1 3.1#
166 30.0 25.1 37.7



#60
Diethylphthalate
Concen: 44.584 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:149 Resp: 542418
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 13.2 10.1 15.1

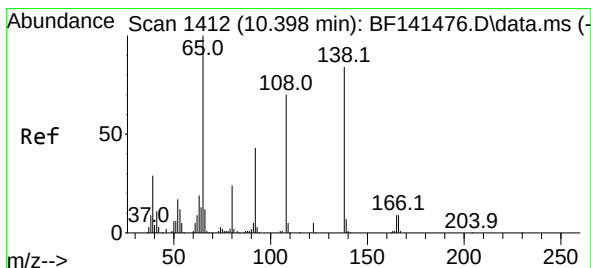
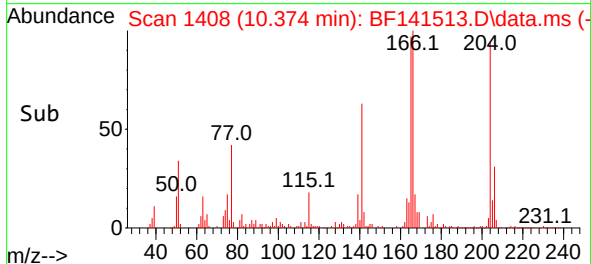
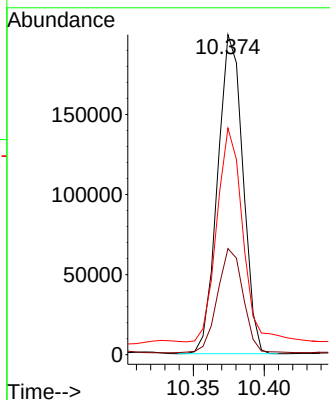
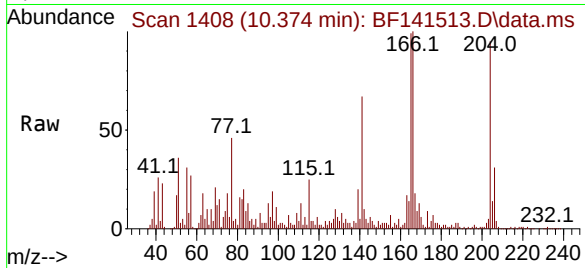




#61
4-Chlorophenyl-phenylether
Concen: 43.289 ng
RT: 10.374 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

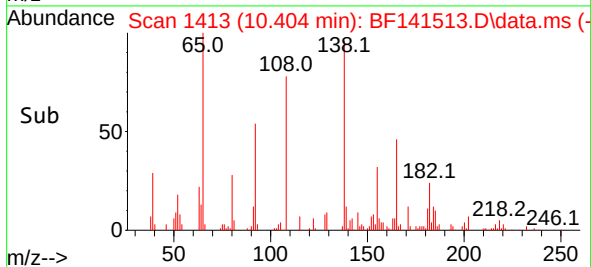
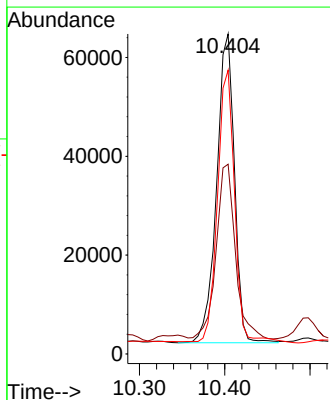
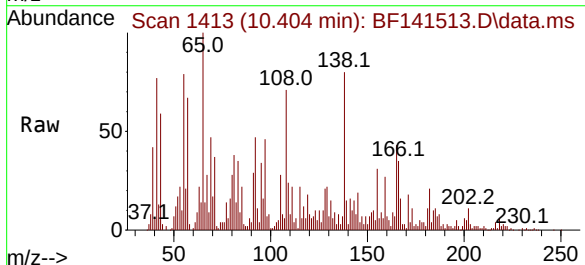
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

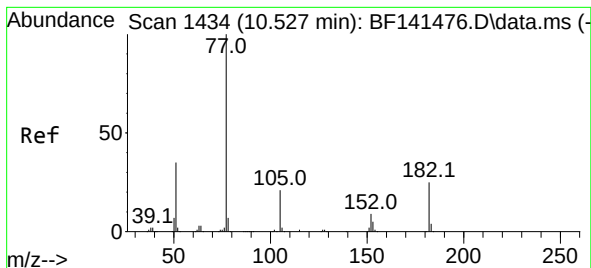
Tgt Ion:204 Resp: 246802
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 70.8 51.9 77.9



#62
4-Nitroaniline
Concen: 30.721 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:138 Resp: 90759
Ion Ratio Lower Upper
138 100
92 59.3 31.3 71.3
108 88.7 63.7 103.7





#63

Azobenzene

Concen: 48.462 ng

RT: 10.539 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

Tgt Ion: 77 Resp: 586136

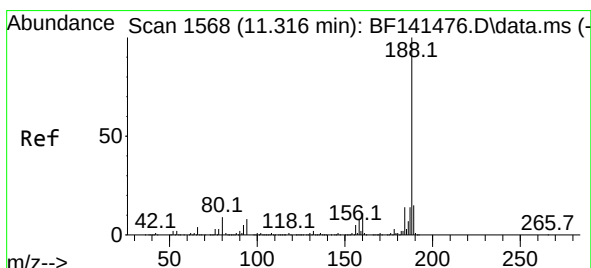
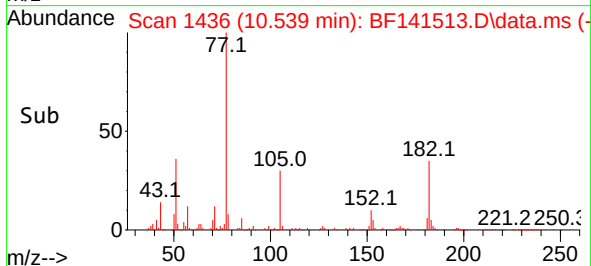
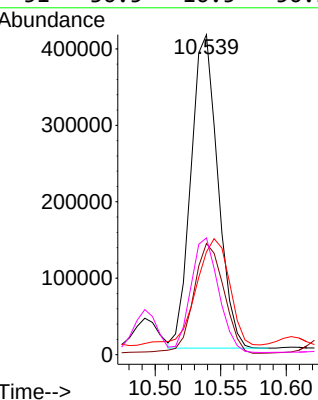
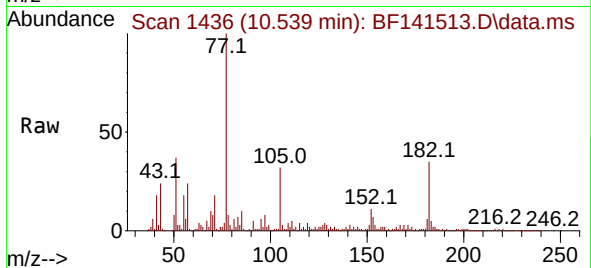
Ion Ratio Lower Upper

77 100

182 34.8 4.7 44.7

105 32.1 0.4 40.4

51 36.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

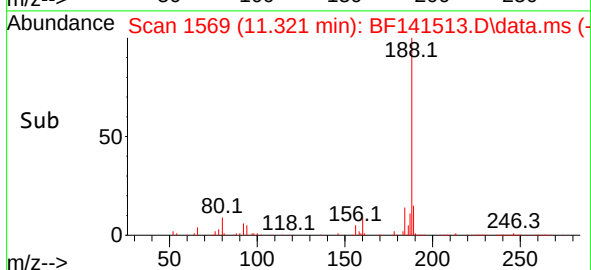
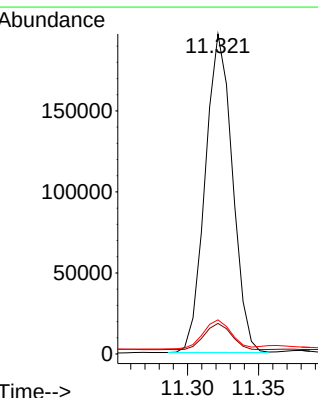
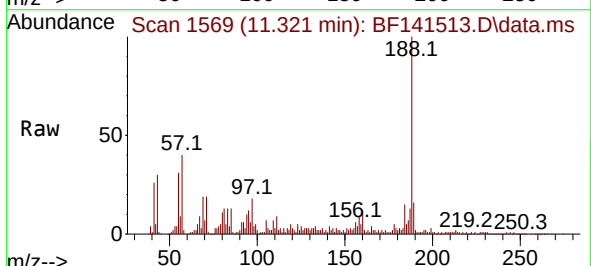
Tgt Ion: 188 Resp: 262167

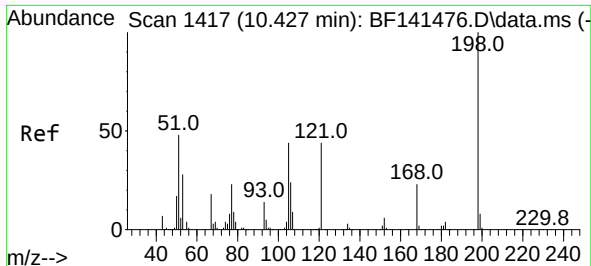
Ion Ratio Lower Upper

188 100

94 9.6 6.6 10.0

80 10.7 7.3 10.9

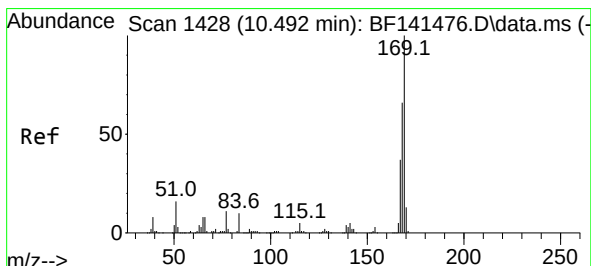
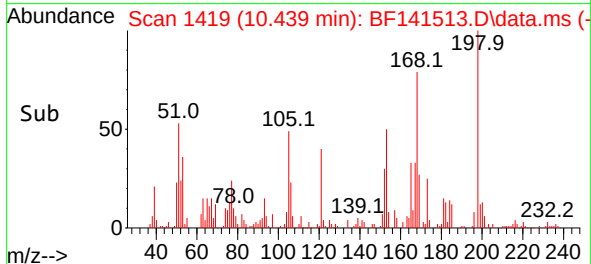
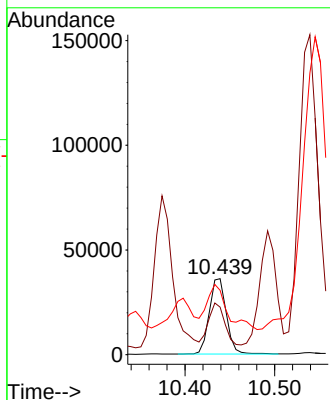
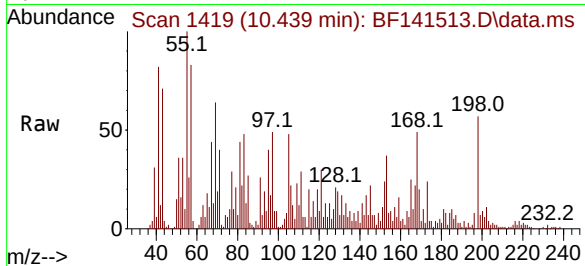




#65
4,6-Dinitro-2-methylphenol
Concen: 26.158 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

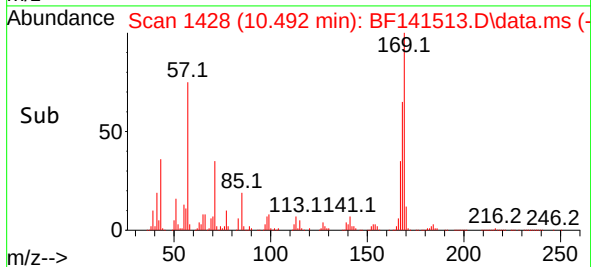
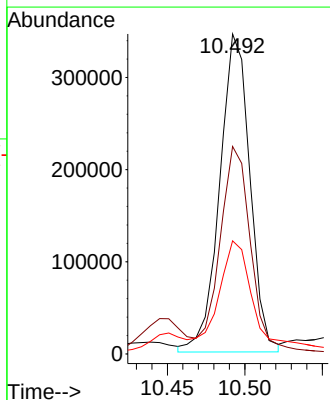
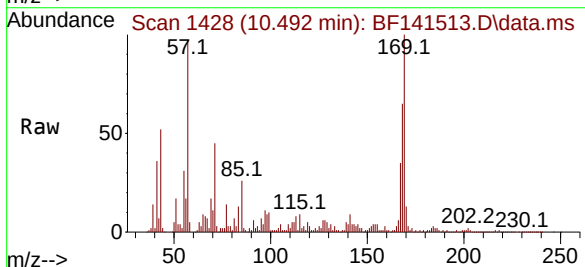
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

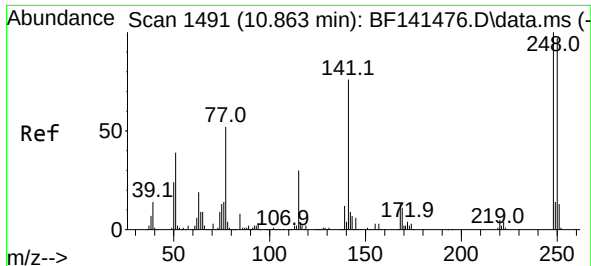
Tgt Ion:198 Resp: 47638
Ion Ratio Lower Upper
198 100
51 62.5 37.4 77.4
105 84.6 25.2 65.2#



#66
n-Nitrosodiphenylamine
Concen: 55.736 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:169 Resp: 467745
Ion Ratio Lower Upper
169 100
168 64.8 53.3 79.9
167 35.4 29.4 44.2

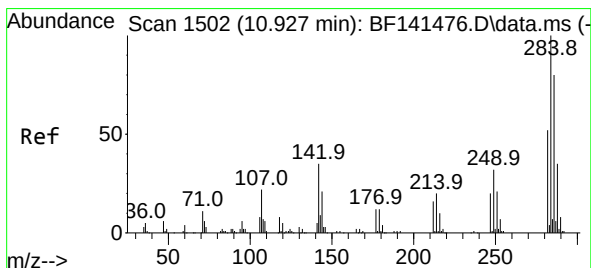
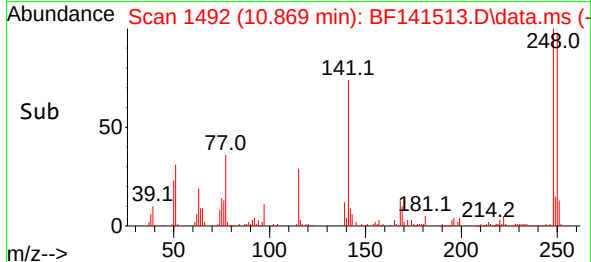
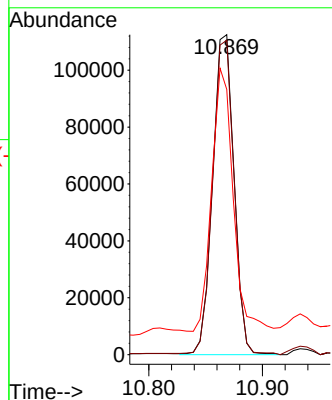
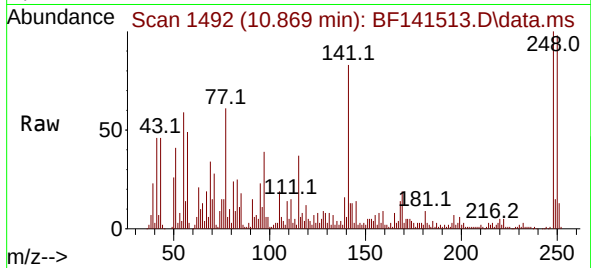




#67
4-Bromophenyl-phenylether
Concen: 50.249 ng
RT: 10.869 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

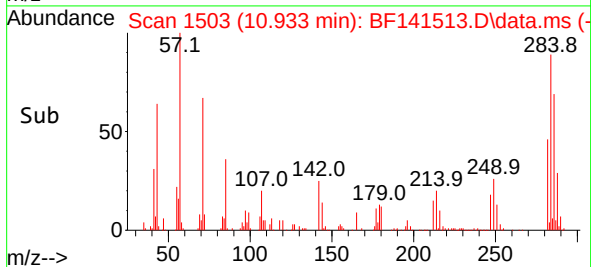
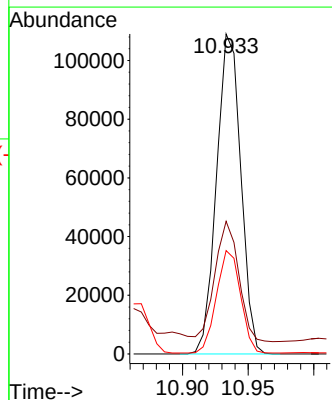
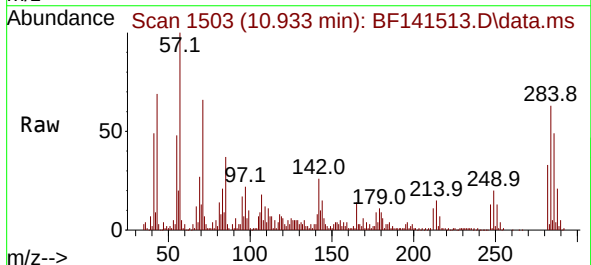
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

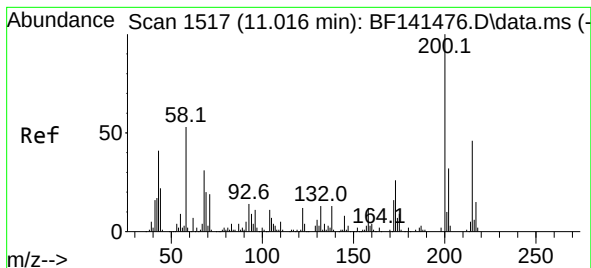
Tgt Ion:248 Resp: 147233
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 82.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 46.442 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:284 Resp: 140122
Ion Ratio Lower Upper
284 100
142 41.4 28.0 42.0
249 32.3 25.8 38.8





#69

Atrazine

Concen: 69.115 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

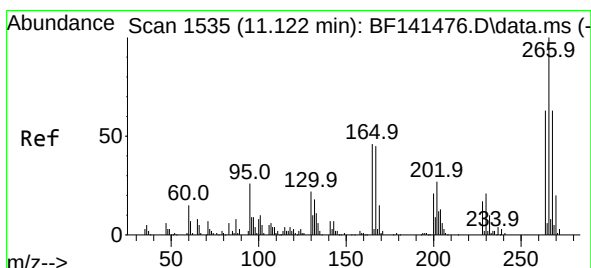
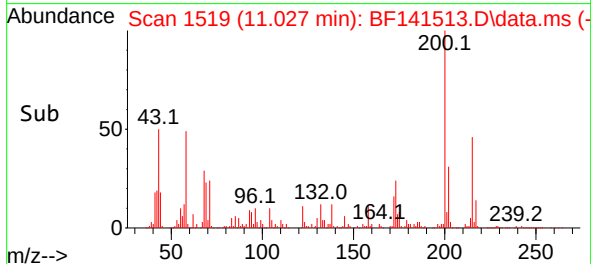
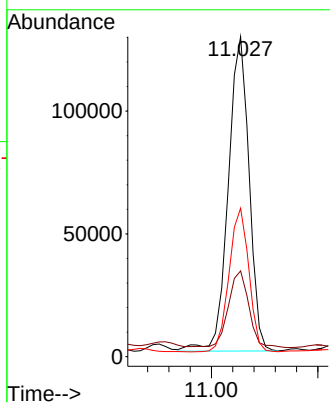
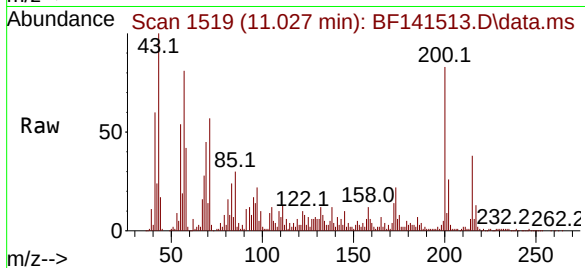
Tgt Ion:200 Resp: 174009

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 46.4 25.9 65.9



#70

Pentachlorophenol

Concen: 90.022 ng

RT: 11.133 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

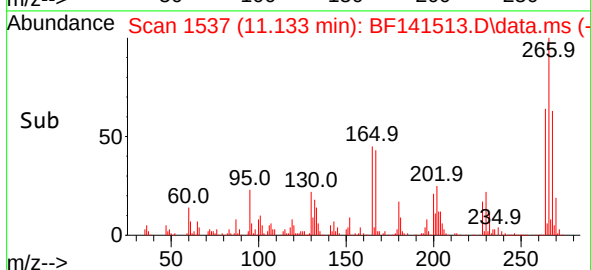
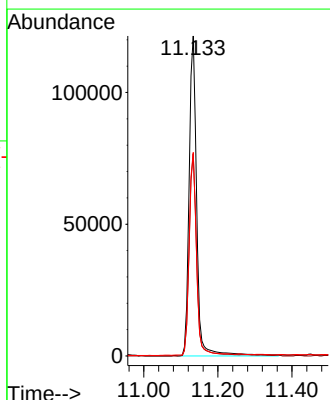
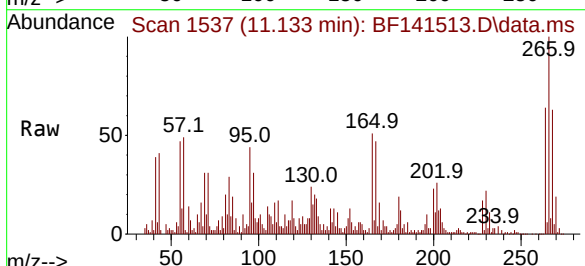
Tgt Ion:266 Resp: 173673

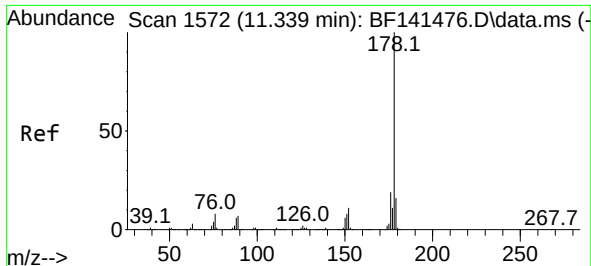
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 63.6 50.1 75.1

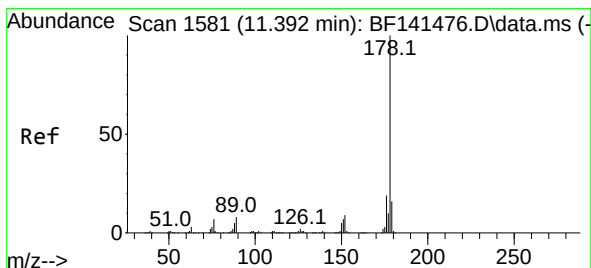
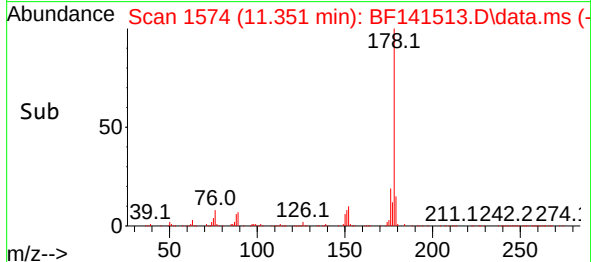
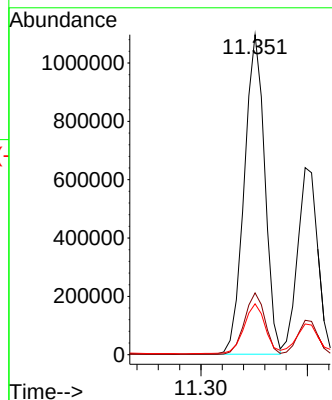
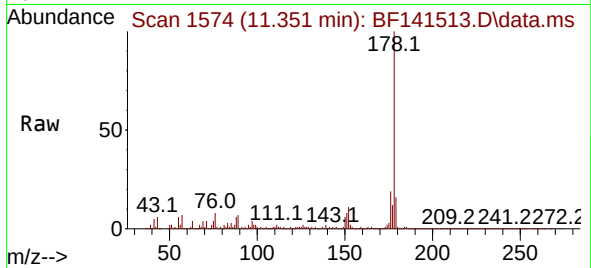




#71
Phenanthrene
Concen: 101.428 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

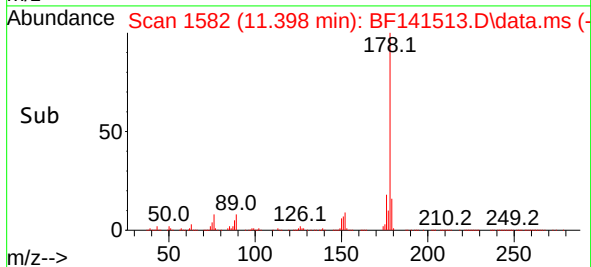
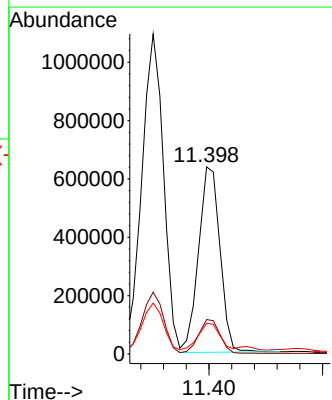
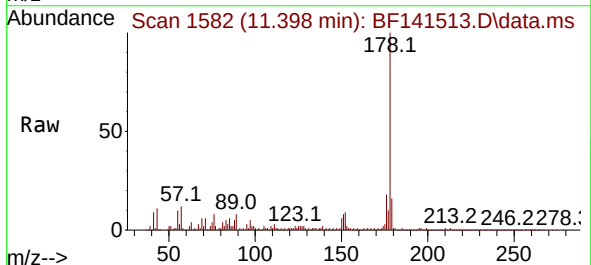
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

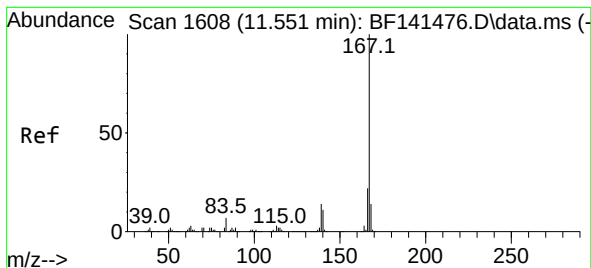
Tgt Ion:178 Resp: 1463714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.9 12.4 18.6



#72
Anthracene
Concen: 57.469 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:178 Resp: 833684
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 16.4 12.4 18.6





#73

Carbazole

Concen: 46.762 ng

RT: 11.557 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

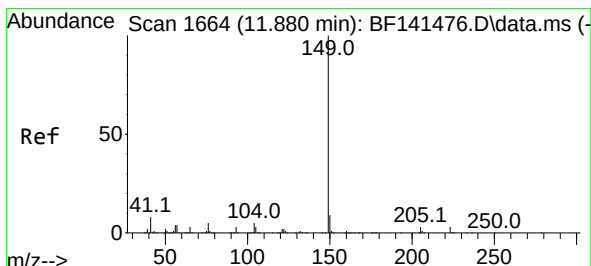
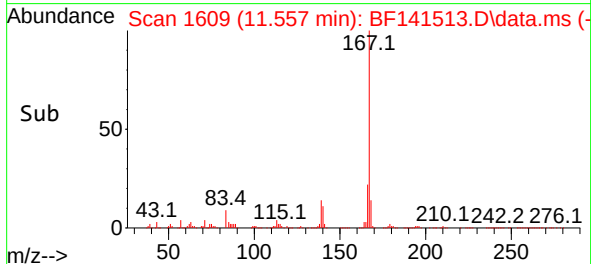
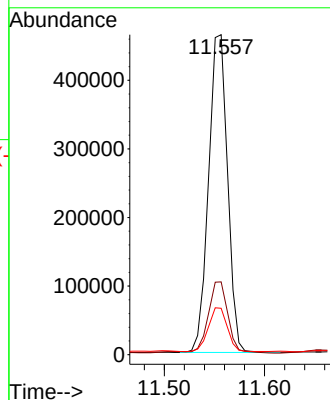
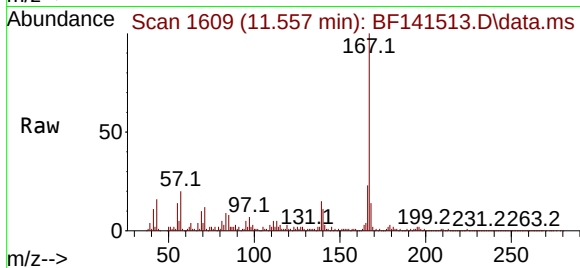
Tgt Ion:167 Resp: 610381

Ion Ratio Lower Upper

167 100

166 22.8 17.4 26.2

139 14.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.617 ng

RT: 11.886 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

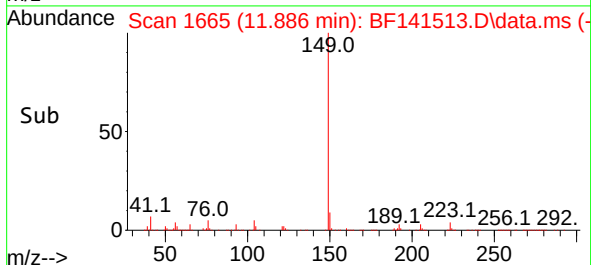
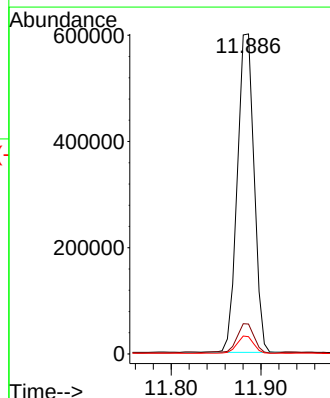
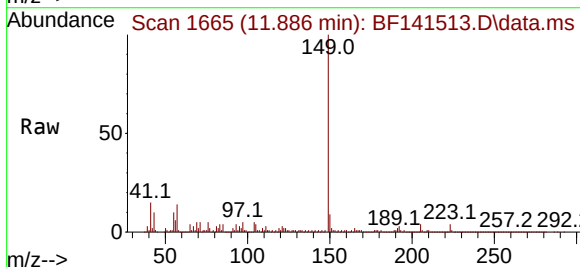
Tgt Ion:149 Resp: 777973

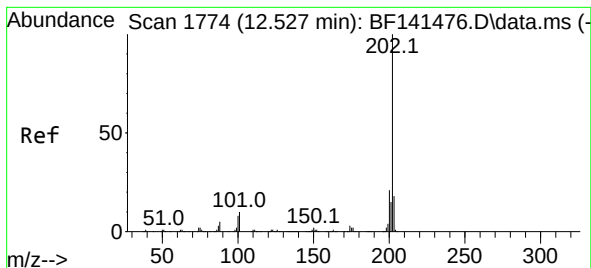
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 110.589 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

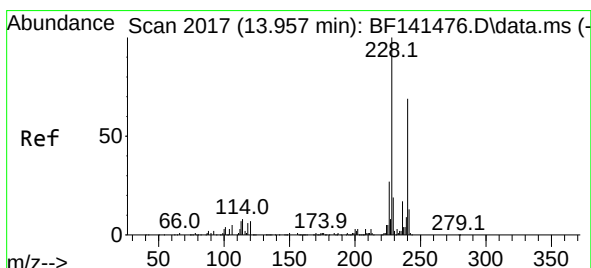
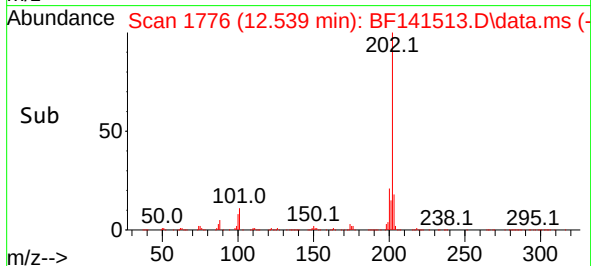
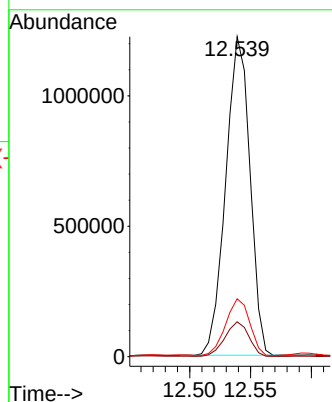
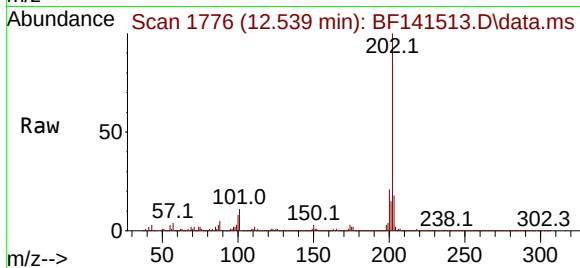
Tgt Ion:202 Resp: 1691990

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.2

203 18.1 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

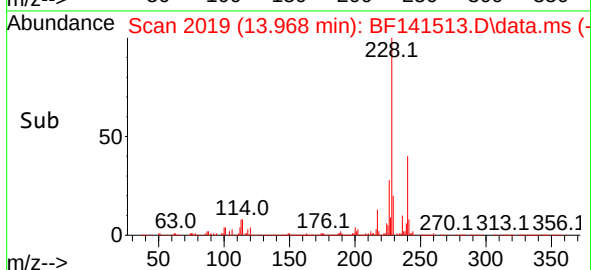
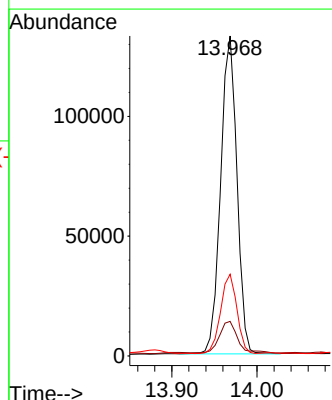
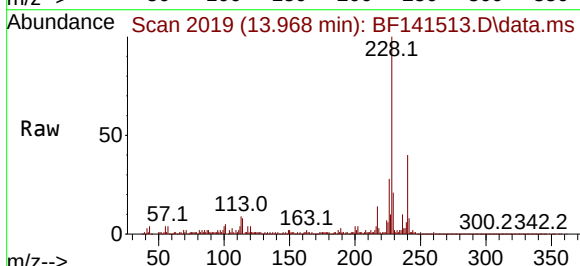
Tgt Ion:240 Resp: 176335

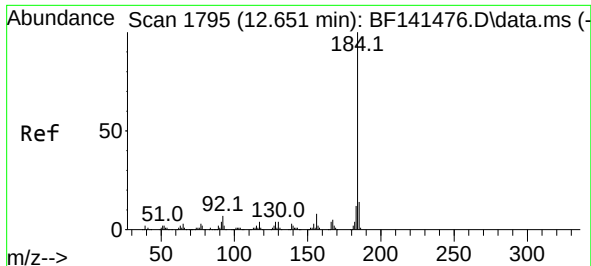
Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.5 19.8 29.8

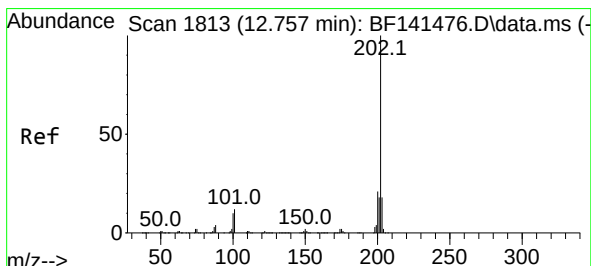
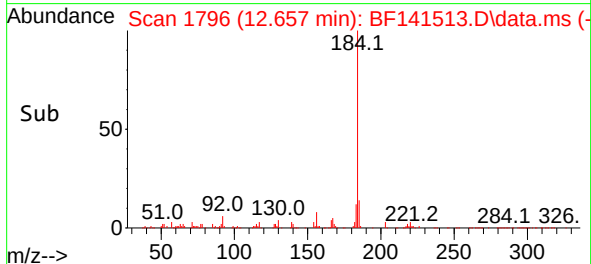
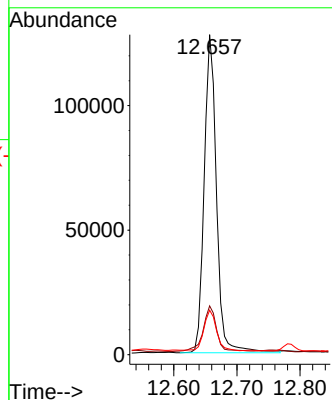
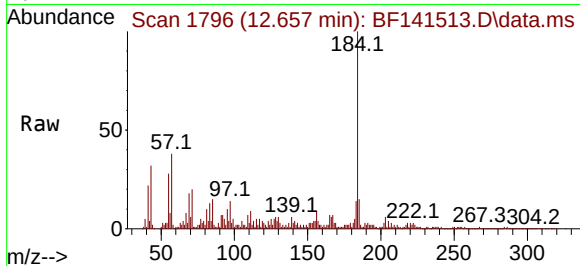




#77
Benzidine
Concen: 44.518 ng
RT: 12.657 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

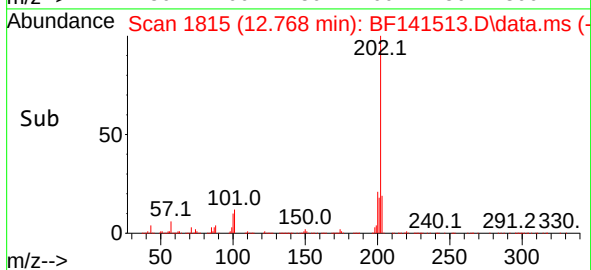
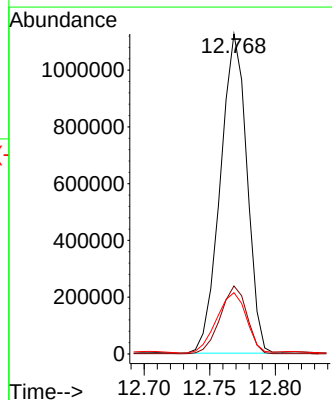
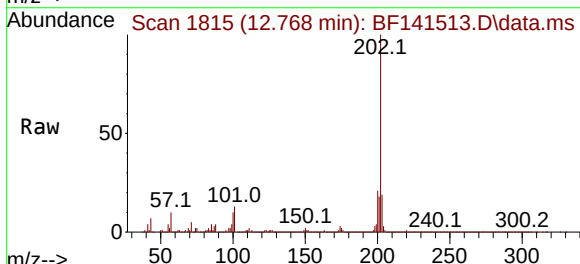
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

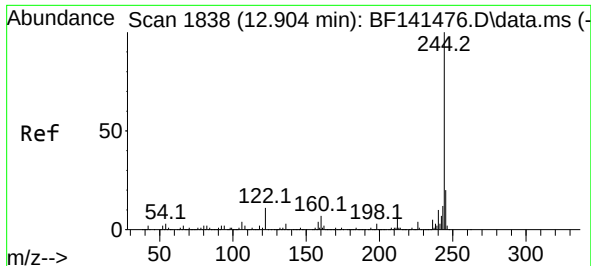
Tgt Ion:184 Resp: 173129
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 13.9 9.3 13.9



#78
Pyrene
Concen: 105.681 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:202 Resp: 1586371
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 19.1 14.3 21.5

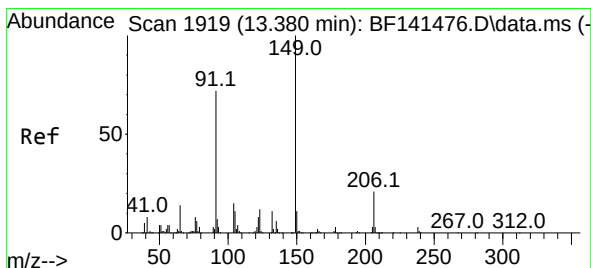
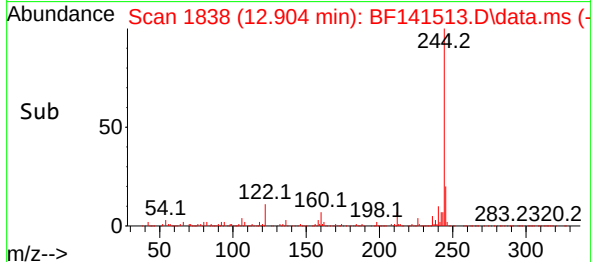
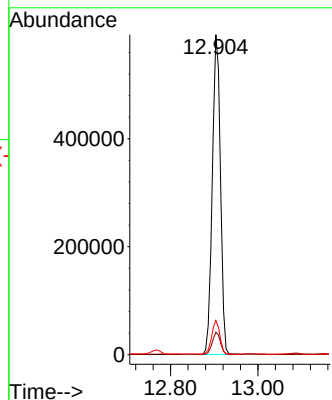
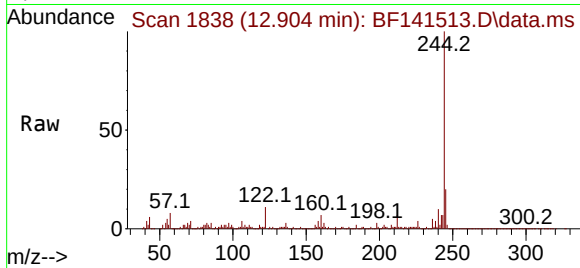




#79
 Terphenyl-d14
 Concen: 73.468 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

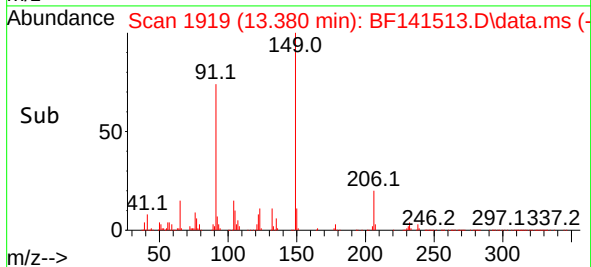
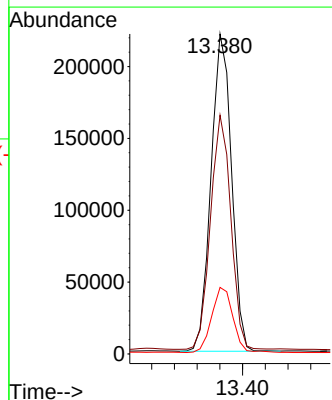
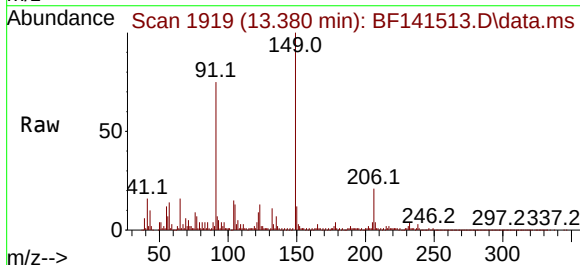
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425MS

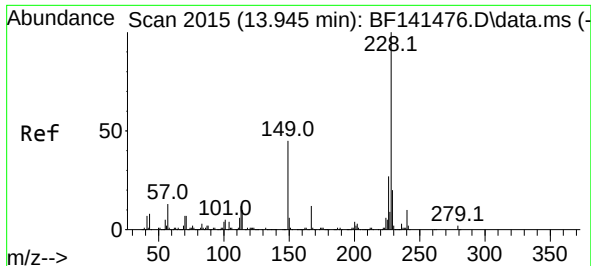
Tgt Ion:244 Resp: 767401
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 53.246 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF141513.D
 Acq: 07 Feb 2025 17:43

Tgt Ion:149 Resp: 276842
 Ion Ratio Lower Upper
 149 100
 91 74.6 57.8 86.8
 206 20.8 16.7 25.1

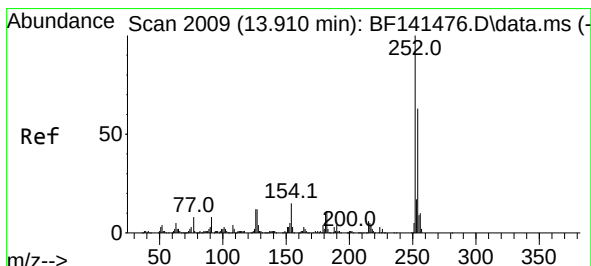
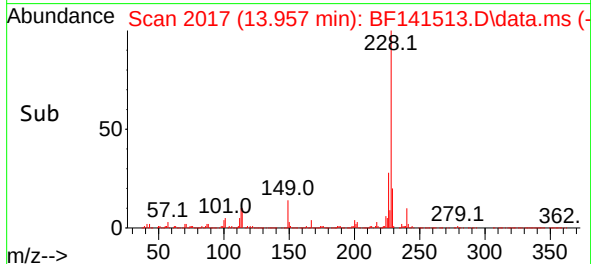
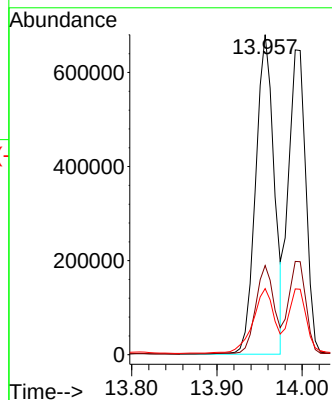
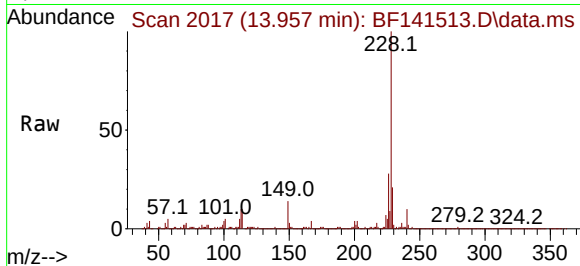




#81
Benzo(a)anthracene
Concen: 87.760 ng
RT: 13.957 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

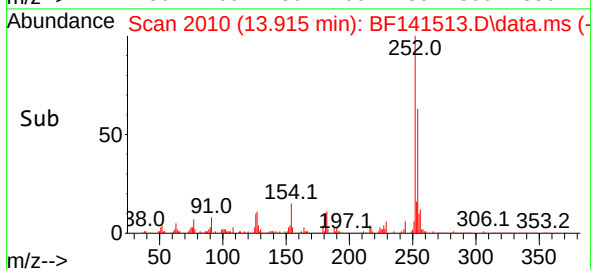
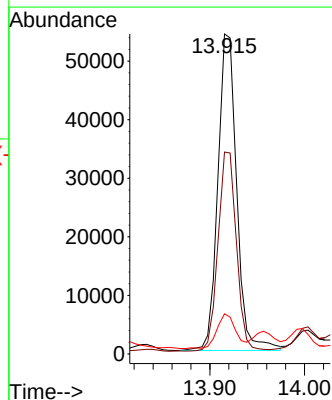
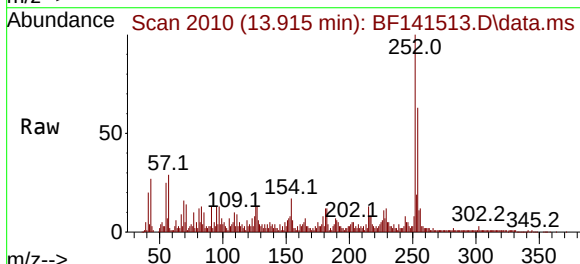
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

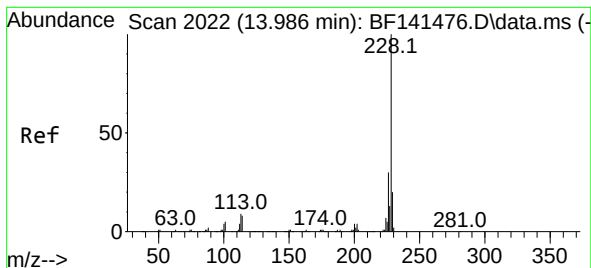
Tgt Ion:228 Resp: 1028687
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 22.249 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:252 Resp: 74707
Ion Ratio Lower Upper
252 100
254 63.1 50.6 76.0
126 12.5 9.3 13.9





#83

Chrysene

Concen: 83.988 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

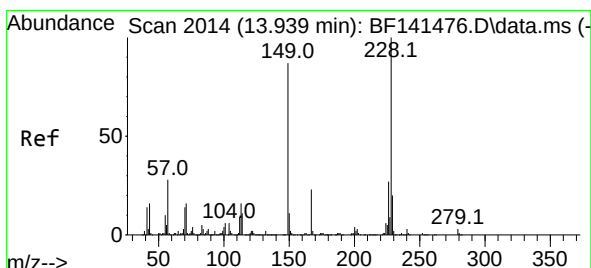
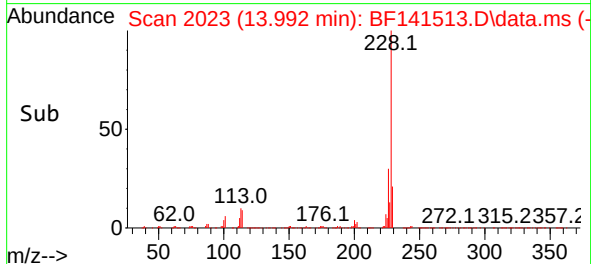
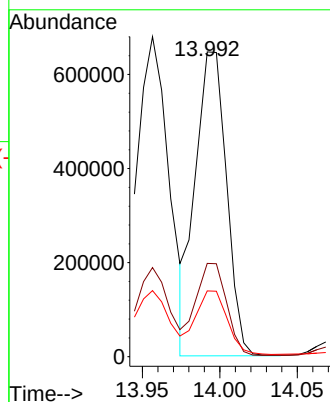
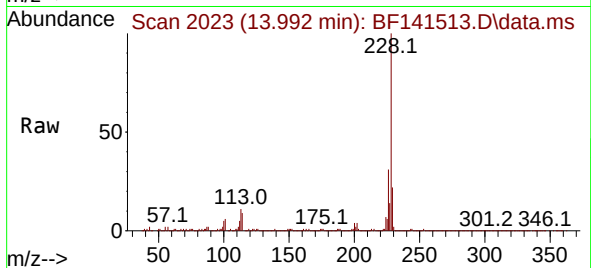
Tgt Ion:228 Resp: 909011

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 21.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.639 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

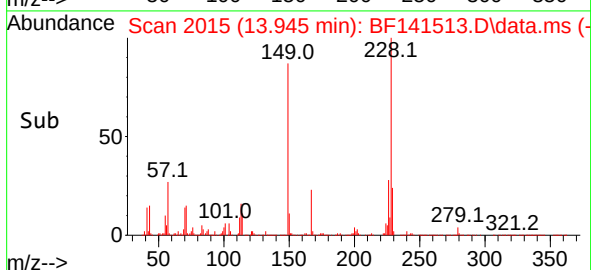
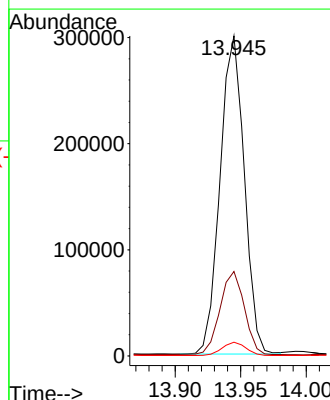
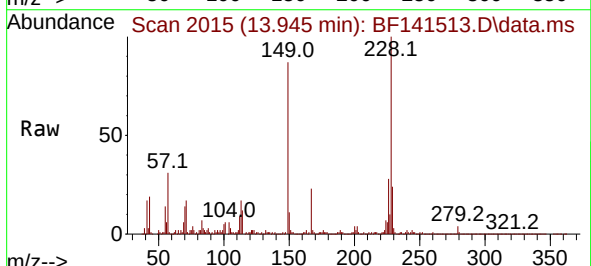
Tgt Ion:149 Resp: 384909

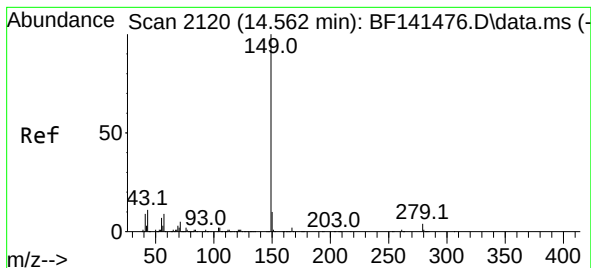
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 73.615 ng

RT: 14.568 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

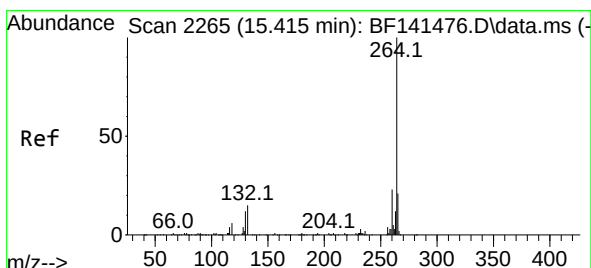
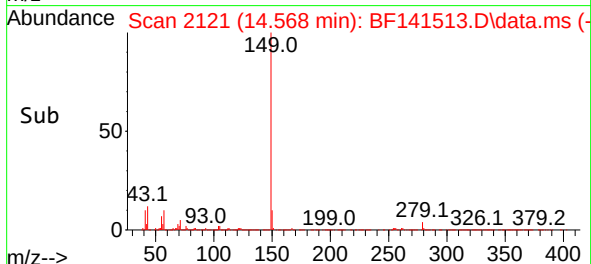
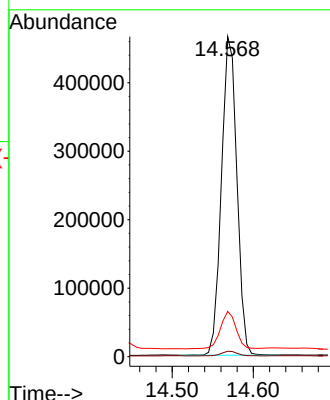
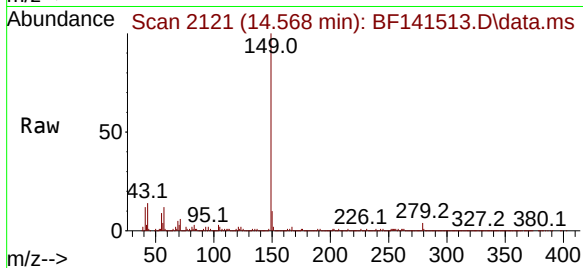
Tgt Ion:149 Resp: 615827

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

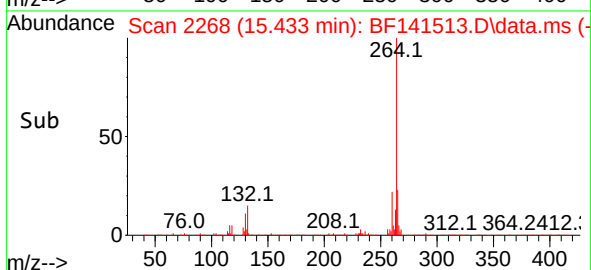
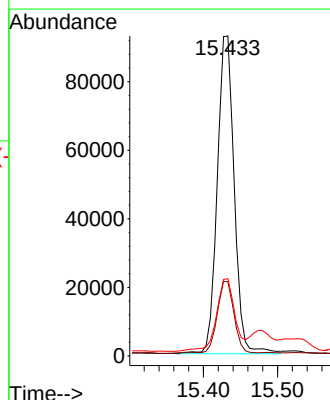
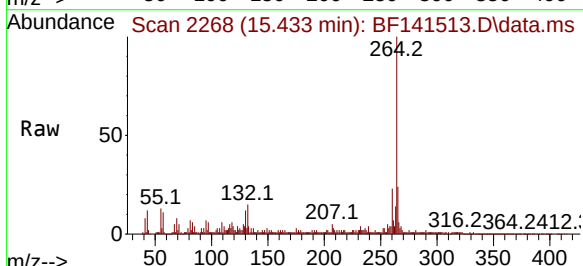
Tgt Ion:264 Resp: 147556

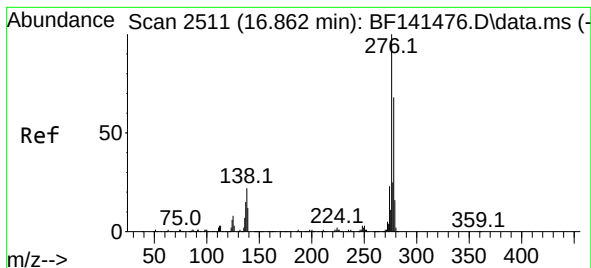
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 24.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.184 ng

RT: 16.880 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

HR-01-020425MS

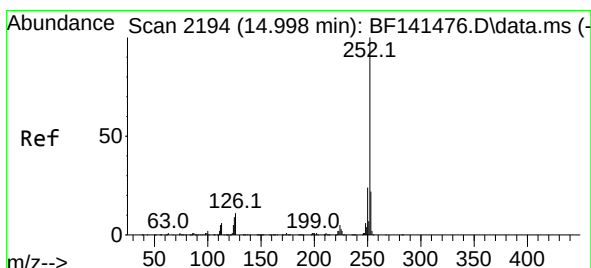
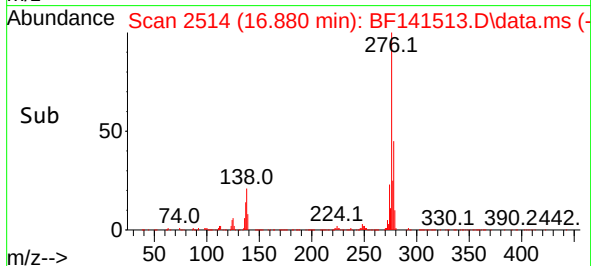
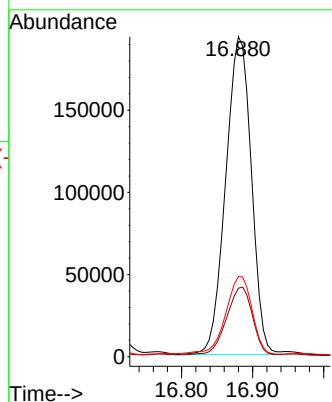
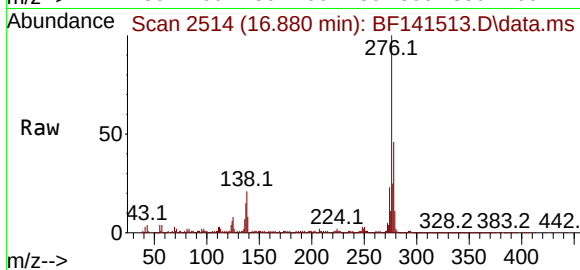
Tgt Ion:276 Resp: 484894

Ion Ratio Lower Upper

276 100

138 21.5 18.0 27.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 84.773 ng

RT: 15.015 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF141513.D

Acq: 07 Feb 2025 17:43

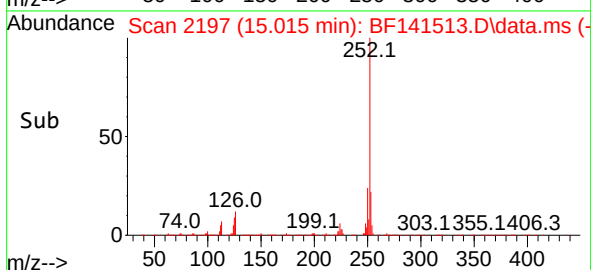
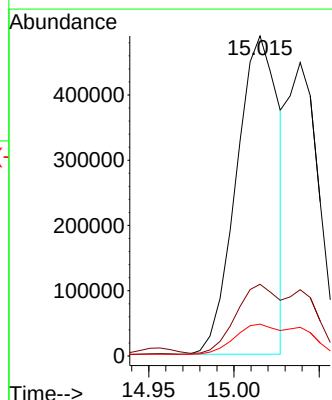
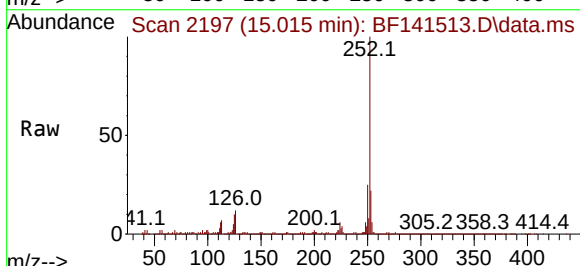
Tgt Ion:252 Resp: 839900

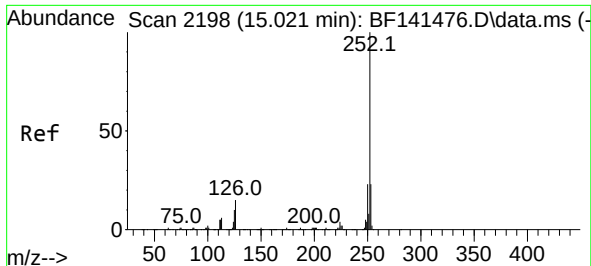
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.9 7.0 10.6

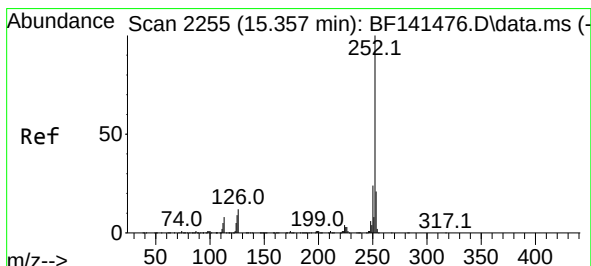
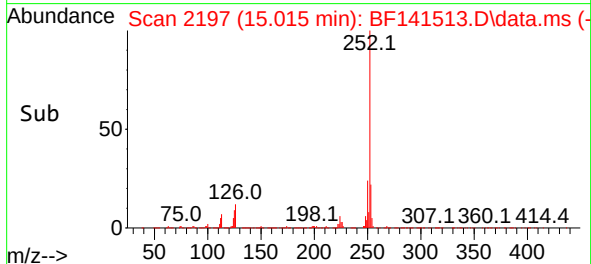
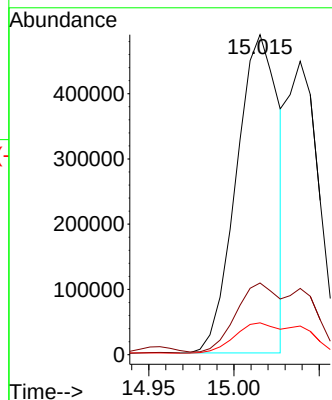
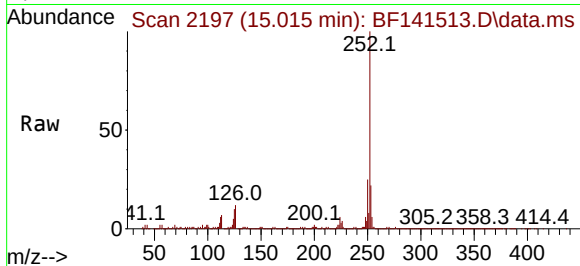




#89
Benzo(k)fluoranthene
Concen: 99.276 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

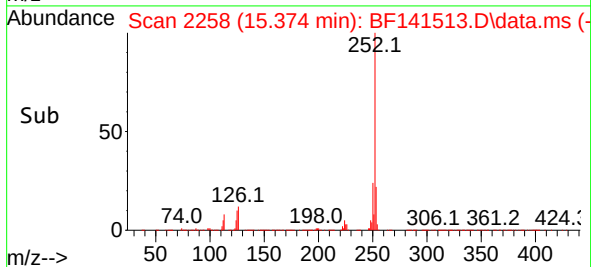
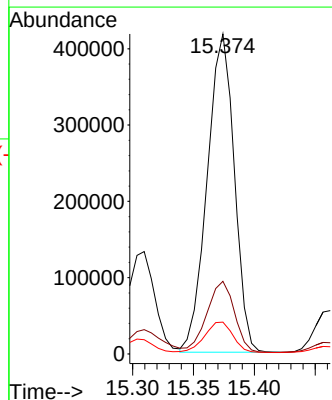
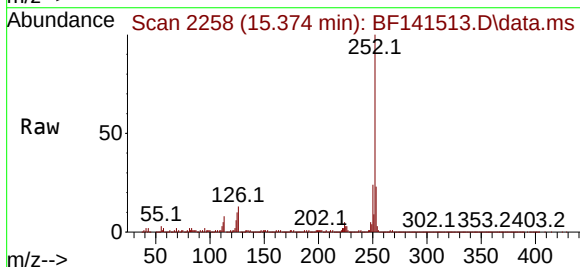
Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

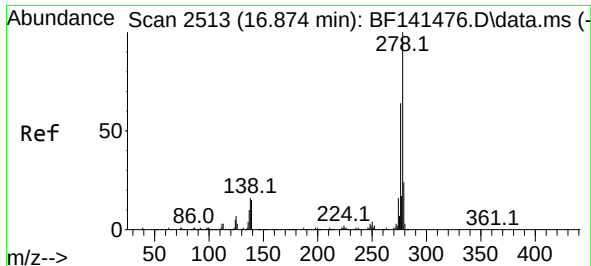
Tgt Ion:252 Resp: 839900
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 80.634 ng
RT: 15.374 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:252 Resp: 646442
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.0 7.4 11.2

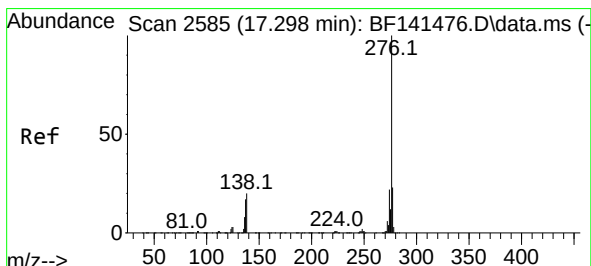
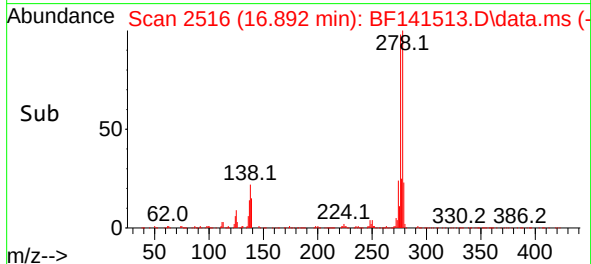
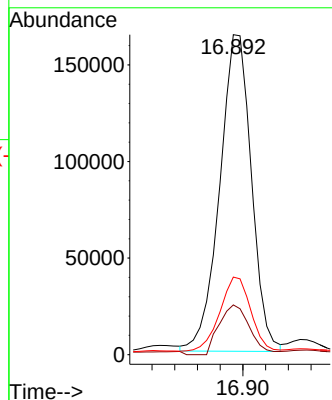
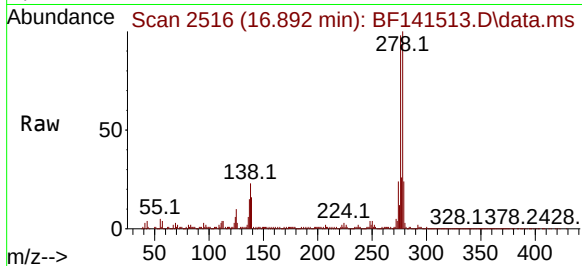




#91
Dibenzo(a,h)anthracene
Concen: 43.046 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

Tgt Ion:278 Resp: 318007
Ion Ratio Lower Upper
278 100
139 15.6 11.8 17.6
279 24.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.294 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.000 min
Lab File: BF141513.D
Acq: 07 Feb 2025 17:43

Tgt Ion:276 Resp: 381089
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.4 15.9 23.9

