

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141413.D
 Acq On : 04 Feb 2025 17:22
 Operator : RC/JU
 Sample : Q1239-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286MS

Quant Time: Feb 05 00:31:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	71735	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	282983	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	159062	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	284462	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	237860	20.000	ng	-0.01
86) Perylene-d12	15.427	264	195020	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	621616	133.032	ng	0.01
7) Phenol-d6	6.434	99	726509	122.221	ng	0.00
23) Nitrobenzene-d5	7.357	82	546202	101.751	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	253210	173.642	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1053500	101.944	ng	-0.01
79) Terphenyl-d14	12.910	244	1365477	88.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	91270	44.413	ng	# 82
3) Pyridine	3.340	79	148240	29.939	ng	95
4) n-Nitrosodimethylamine	3.263	42	136594	48.292	ng	87
6) Aniline	6.457	93	69411	13.795	ng	# 1
8) 2-Chlorophenol	6.581	128	234202	46.763	ng	97
9) Benzaldehyde	6.340	77	32532	9.448	ng	98
10) Phenol	6.451	94	250561	39.764	ng	89
11) bis(2-Chloroethyl)ether	6.528	93	248242	51.381	ng	95
12) 1,3-Dichlorobenzene	6.734	146	251801	45.598	ng	100
13) 1,4-Dichlorobenzene	6.810	146	250606	45.174	ng	99
14) 1,2-Dichlorobenzene	6.957	146	240203	46.240	ng	98
15) Benzyl Alcohol	6.939	79	203836	50.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	365547	43.510	ng	72
17) 2-Methylphenol	7.057	107	184041	45.214	ng	# 88
18) Hexachloroethane	7.304	117	96713	47.257	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	168748	47.776	ng	100
20) 3+4-Methylphenols	7.210	107	234616	46.944	ng	92
22) Acetophenone	7.198	105	367727	54.669	ng	# 96
24) Nitrobenzene	7.375	77	254617	45.771	ng	99
25) Isophorone	7.610	82	455768	49.118	ng	98
26) 2-Nitrophenol	7.686	139	125531	47.848	ng	92
27) 2,4-Dimethylphenol	7.734	122	199684m	59.797	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	272873	46.102	ng	100
29) 2,4-Dichlorophenol	7.939	162	196917	48.168	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	216732	46.422	ng	99
31) Naphthalene	8.092	128	690045	46.159	ng	100
32) Benzoic acid	7.851	122	120094	39.121	ng	94
33) 4-Chloroaniline	8.151	127	55103	10.870	ng	97
34) Hexachlorobutadiene	8.210	225	134151	48.998	ng	100
35) Caprolactam	8.510	113	59743m	44.747	ng	
36) 4-Chloro-3-methylphenol	8.639	107	220728	50.336	ng	97
37) 2-Methylnaphthalene	8.786	142	443805	46.709	ng	99
38) 1-Methylnaphthalene	8.886	142	428312	45.890	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	240249	53.092	ng	99
41) Hexachlorocyclopentadiene	8.939	237	285933	213.957	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	141772	47.866	ng	100

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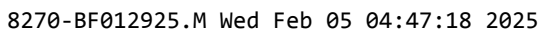
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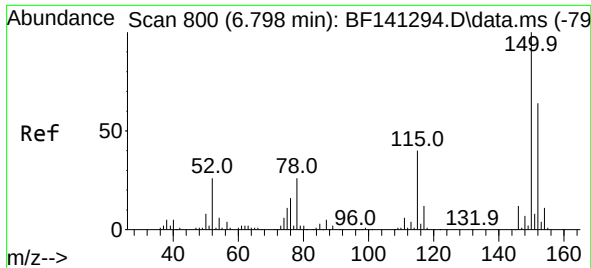
Quant Time: Feb 05 00:31:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	159389	49.444	ng	99
46) 1,1'-Biphenyl	9.251	154	647303	52.181	ng	98
47) 2-Chloronaphthalene	9.275	162	435038	44.993	ng	99
48) 2-Nitroaniline	9.375	65	152025	49.987	ng	98
49) Acenaphthylene	9.692	152	691680	51.104	ng	100
50) Dimethylphthalate	9.551	163	543231	50.566	ng	100
51) 2,6-Dinitrotoluene	9.616	165	118953	47.688	ng	99
52) Acenaphthene	9.863	154	535367m	55.368	ng	
53) 3-Nitroaniline	9.780	138	43627	17.845	ng	99
54) 2,4-Dinitrophenol	9.892	184	147030	126.801	ng	89
55) Dibenzofuran	10.033	168	634353	49.012	ng	96
56) 4-Nitrophenol	9.969	139	199653	111.665	ng	89
57) 2,4-Dinitrotoluene	10.022	165	165190	51.150	ng	91
58) Fluorene	10.380	166	506674	50.468	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143866	56.727	ng	99
60) Diethylphthalate	10.257	149	536207	51.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	245153	49.990	ng	96
62) 4-Nitroaniline	10.398	138	114917	47.811	ng	88
63) Azobenzene	10.533	77	508576	48.776	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	95472	56.741	ng	95
66) n-Nitrosodiphenylamine	10.492	169	441006	47.933	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	153618	48.237	ng	100
68) Hexachlorobenzene	10.927	284	162730	48.172	ng	98
69) Atrazine	11.022	200	140244	45.590	ng	99
70) Pentachlorophenol	11.127	266	225875	114.184	ng	98
71) Phenanthrene	11.339	178	780848	51.066	ng	100
72) Anthracene	11.392	178	791437	52.824	ng	99
73) Carbazole	11.551	167	710857	53.507	ng	99
74) Di-n-butylphthalate	11.880	149	744519	46.243	ng	99
75) Fluoranthene	12.533	202	839924	55.631	ng	98
77) Benzidine	12.663	184	32273	4.232	ng	# 1
78) Pyrene	12.763	202	853152	37.366	ng	100
80) Butylbenzylphthalate	13.386	149	377748	47.357	ng	100
81) Benzo(a)anthracene	13.957	228	781041	47.585	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	67109	12.855	ng	98
83) Chrysene	13.992	228	700708	46.581	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	494764	48.896	ng	99
85) Di-n-octyl phthalate	14.574	149	791205	50.343	ng	98
87) Indeno(1,2,3-cd)pyrene	16.874	276	596608	47.398	ng	96
88) Benzo(b)fluoranthene	15.010	252	662771	54.028	ng	98
89) Benzo(k)fluoranthene	15.039	252	535050	49.235	ng	99
90) Benzo(a)pyrene	15.368	252	536439	51.748	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	478509	47.252	ng	97
92) Benzo(g,h,i)perylene	17.315	276	469111	44.551	ng	95

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

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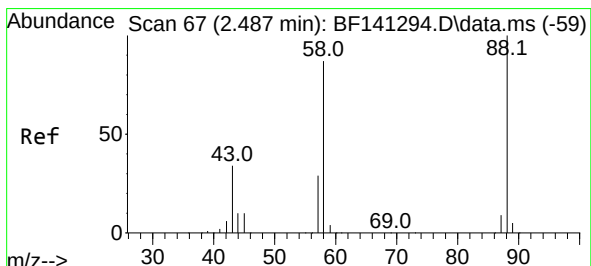
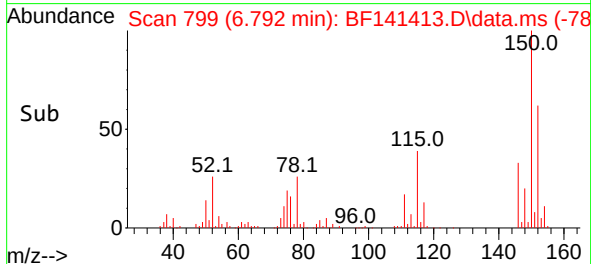
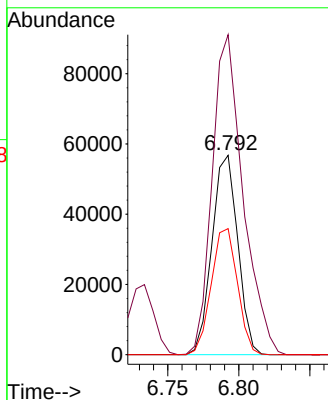
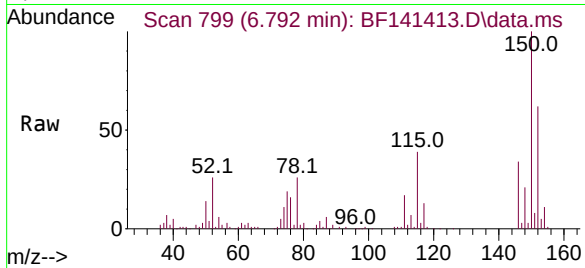




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

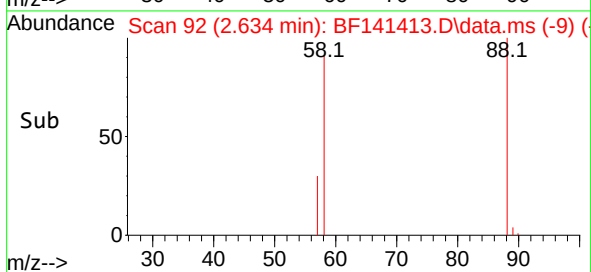
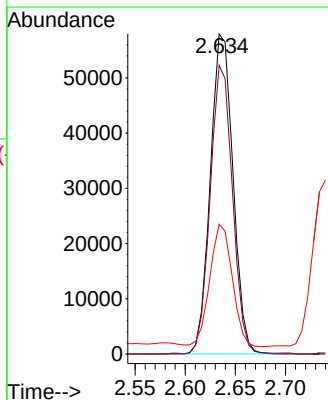
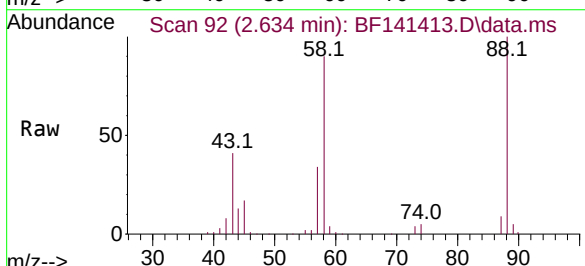
Instrument :
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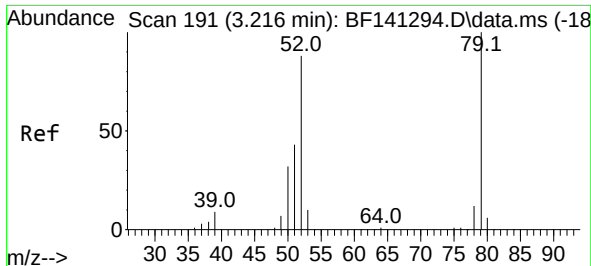
Tgt Ion:152 Resp: 71735
 Ion Ratio Lower Upper
 152 100
 150 160.5 125.9 188.9
 115 63.2 49.7 74.5



#2
 1,4-Dioxane
 Concen: 44.413 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.141 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

Tgt Ion: 88 Resp: 91270
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.2 105.4
 43 0.0 27.6 41.4#





#3

Pyridine

Concen: 29.939 ng

RT: 3.340 min Scan# 212

Delta R.T. 0.112 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

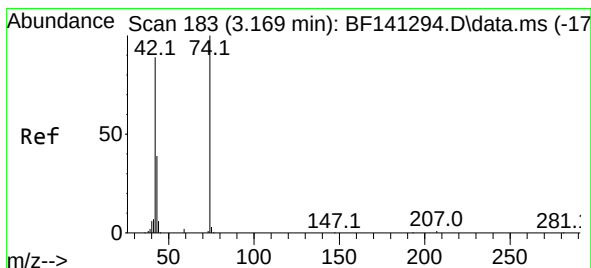
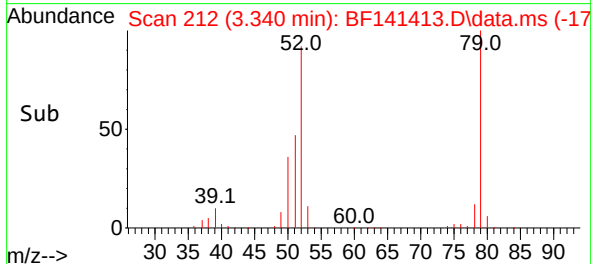
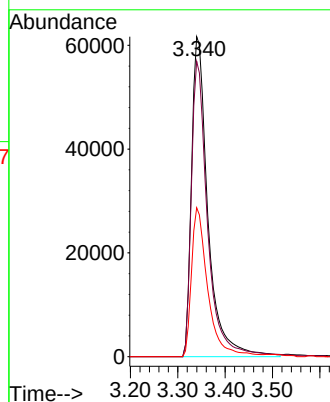
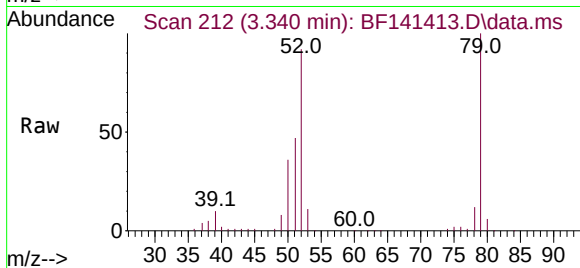
BNA_F

ClientSampleId :

286MS

Tgt Ion: 79 Resp: 148240

Ion	Ratio	Lower	Upper
79	100		
52	92.3	70.3	105.5
51	46.6	34.3	51.5



#4

n-Nitrosodimethylamine

Concen: 48.292 ng

RT: 3.263 min Scan# 199

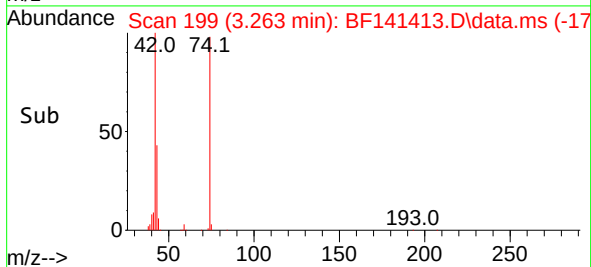
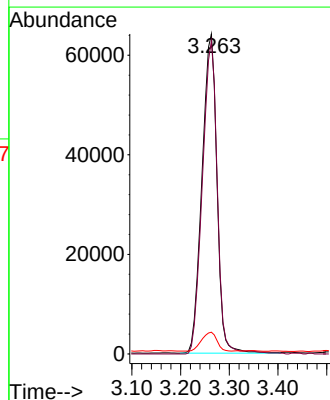
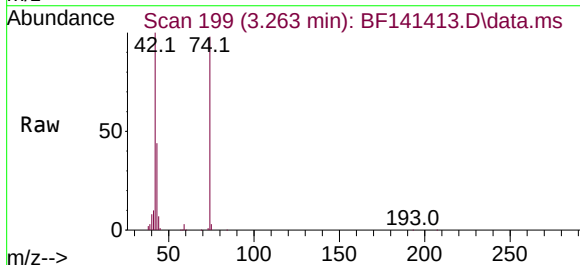
Delta R.T. 0.065 min

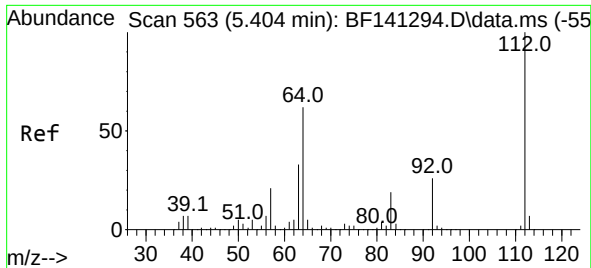
Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion: 42 Resp: 136594

Ion	Ratio	Lower	Upper
42	100		
74	97.9	90.3	135.5
44	6.8	5.7	8.5

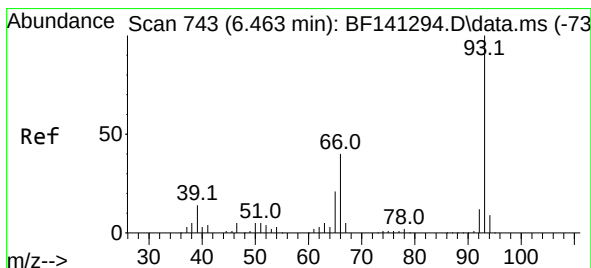
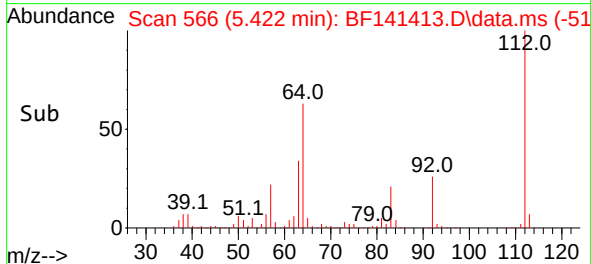
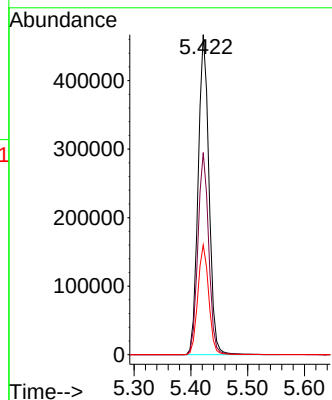
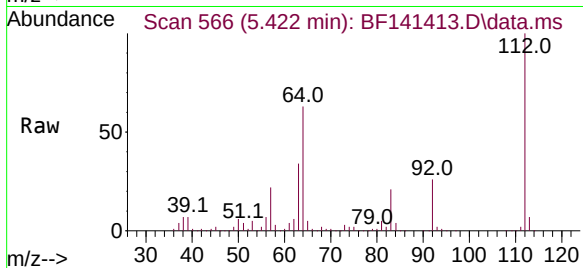




#5
2-Fluorophenol
Concen: 133.032 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

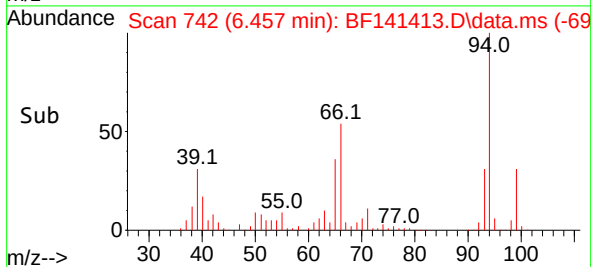
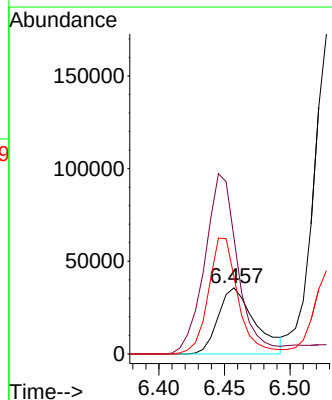
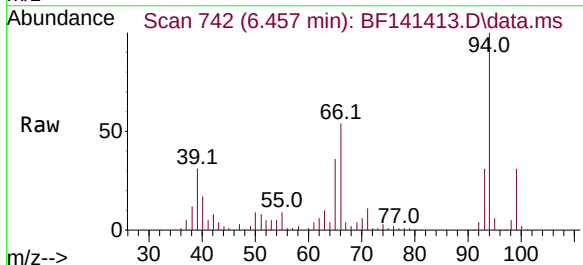
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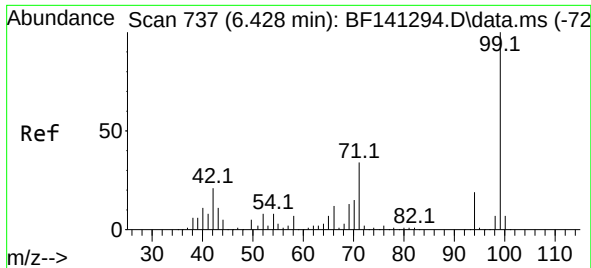
Tgt Ion:112 Resp: 621616
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 34.3 26.1 39.1



#6
Aniline
Concen: 13.795 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion: 93 Resp: 69411
Ion Ratio Lower Upper
93 100
66 175.9 32.5 48.7#
65 116.4 17.0 25.6#

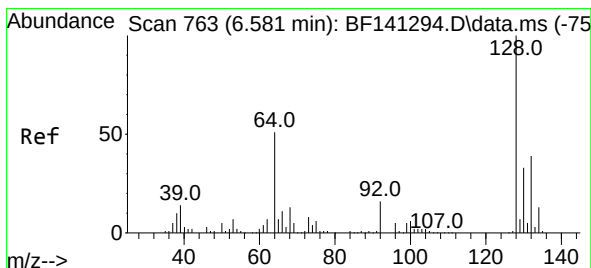
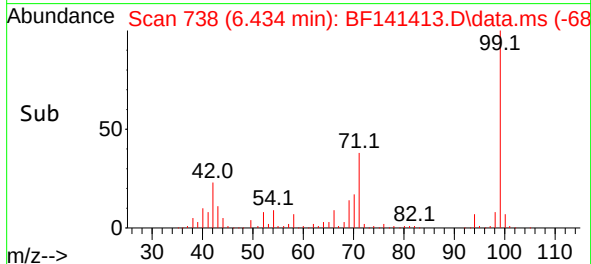
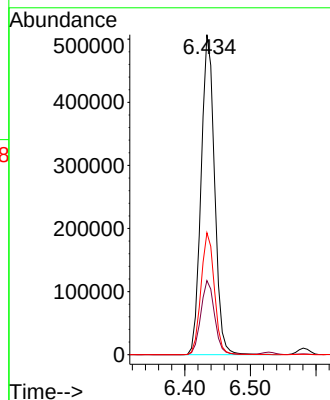
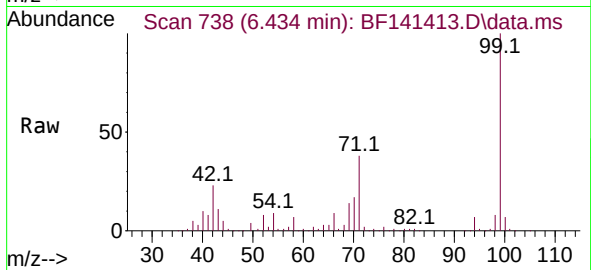




#7
Phenol-d6
Concen: 122.221 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

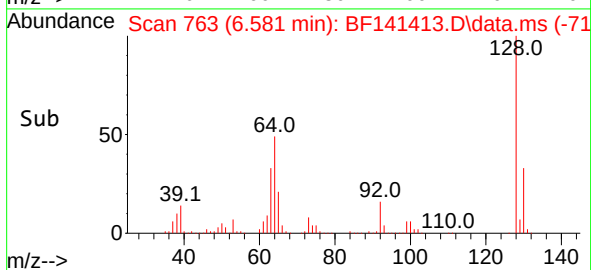
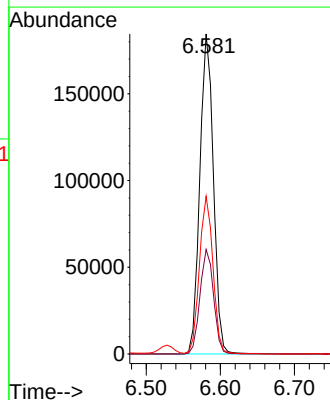
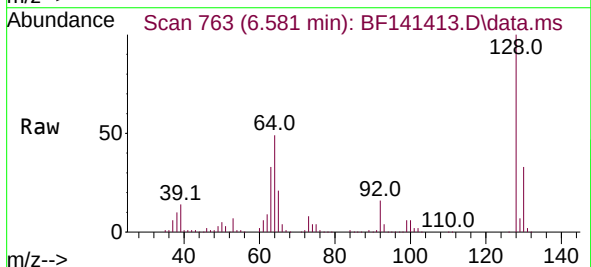
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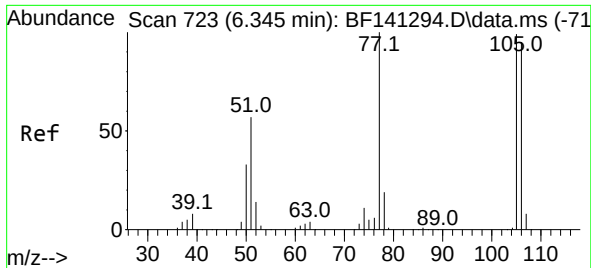
Tgt Ion: 99 Resp: 726509
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.1 26.9 40.3



#8
2-Chlorophenol
Concen: 46.763 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:128 Resp: 234202
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 49.3 32.9 72.9





#9

Benzaldehyde

Concen: 9.448 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

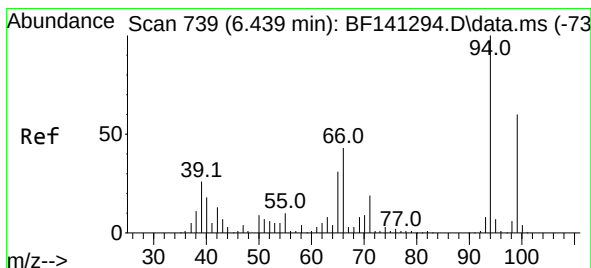
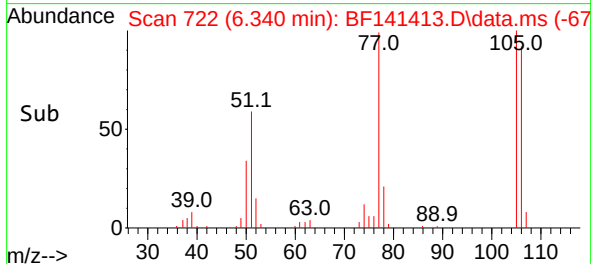
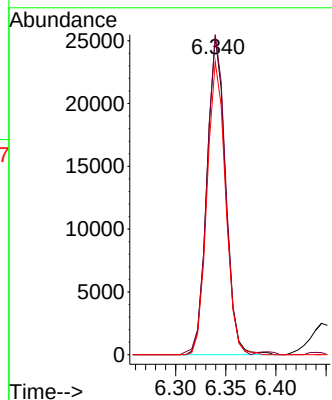
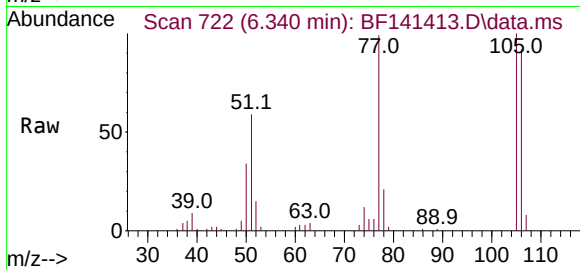
Tgt Ion: 77 Resp: 32532

Ion Ratio Lower Upper

77 100

105 100.7 79.4 119.4

106 92.2 74.6 114.6



#10

Phenol

Concen: 39.764 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

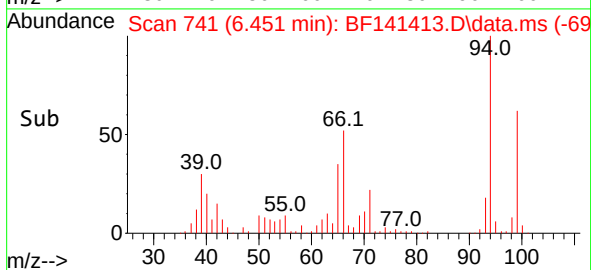
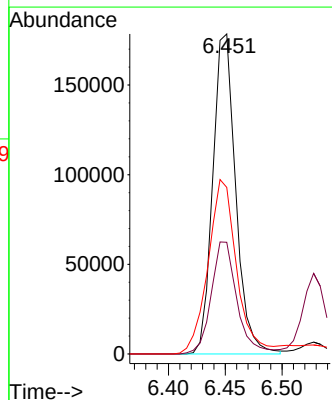
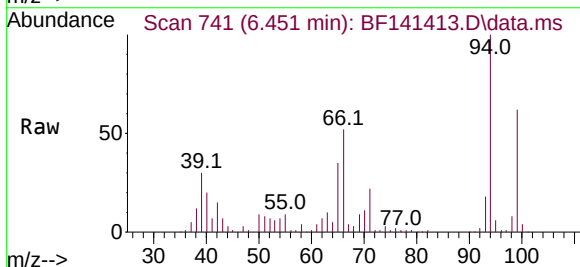
Tgt Ion: 94 Resp: 250561

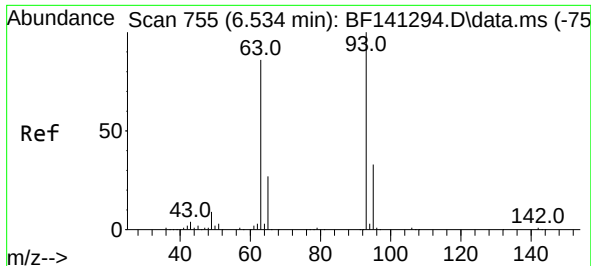
Ion Ratio Lower Upper

94 100

65 34.9 10.8 50.8

66 52.1 23.3 63.3

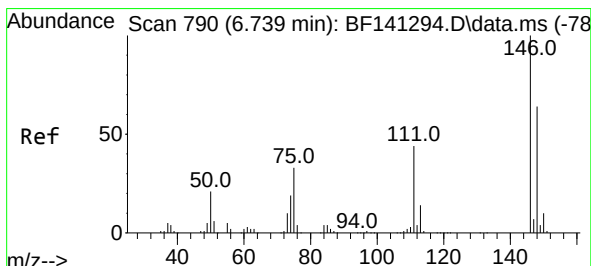
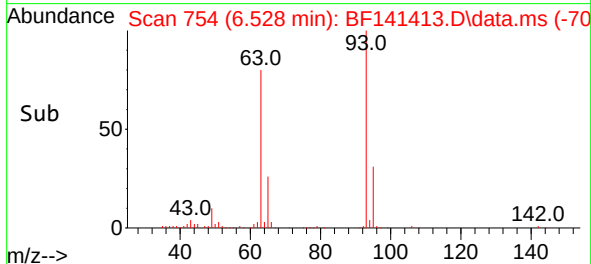
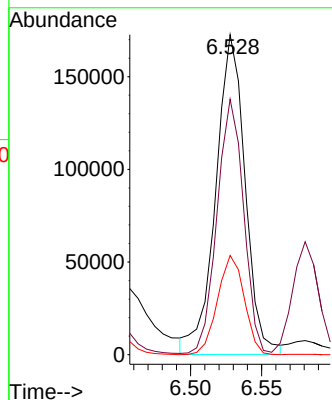
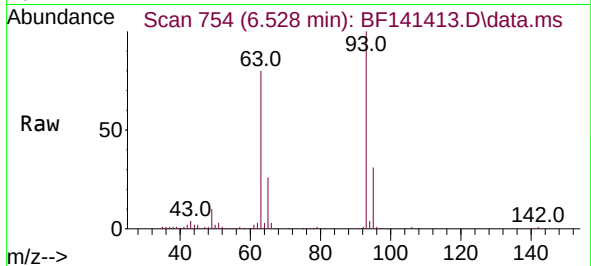




#11
bis(2-Chloroethyl)ether
Concen: 51.381 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

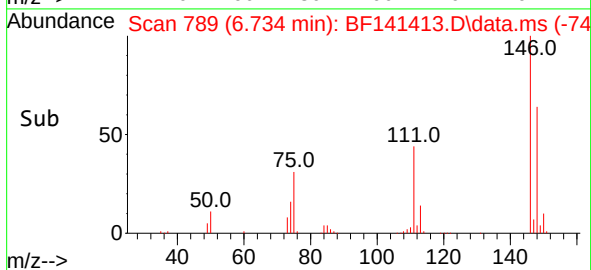
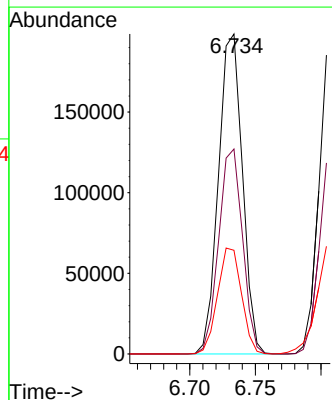
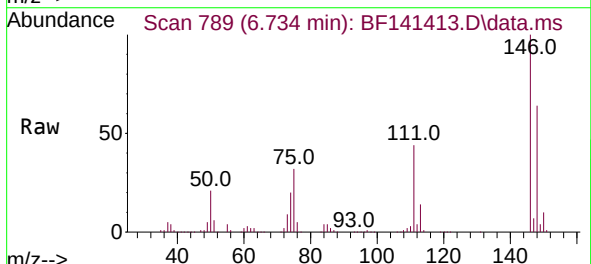
Instrument :
BNA_F
ClientSampleId :
286MS

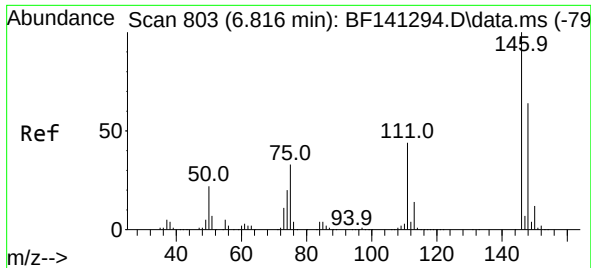
Tgt Ion: 93 Resp: 248242
Ion Ratio Lower Upper
93 100
63 79.9 65.0 105.0
95 31.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.598 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion: 146 Resp: 251801
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 32.4 26.2 39.4

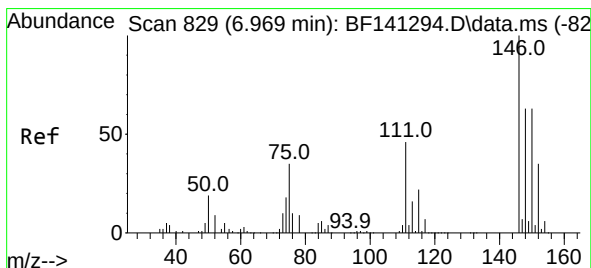
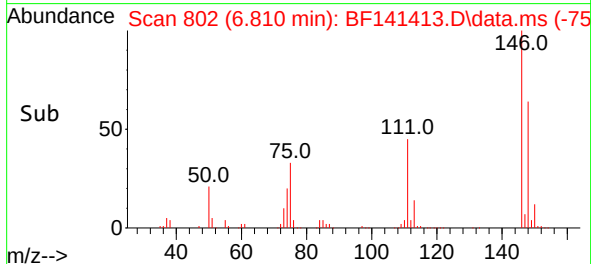
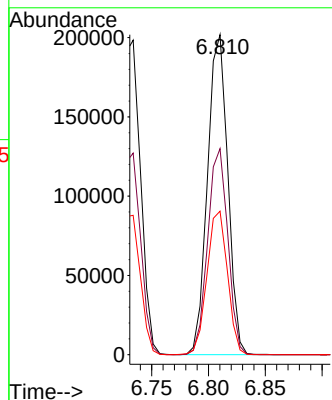
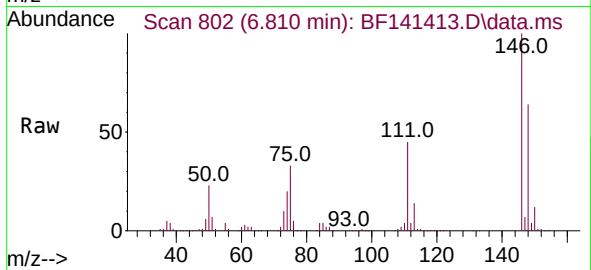




#13
1,4-Dichlorobenzene
Concen: 45.174 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

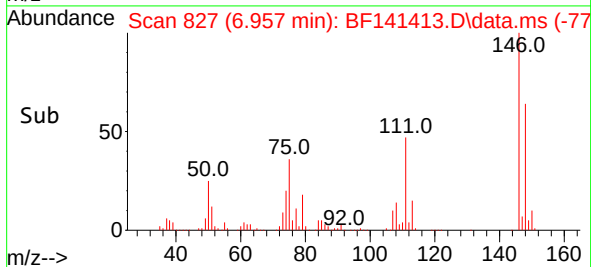
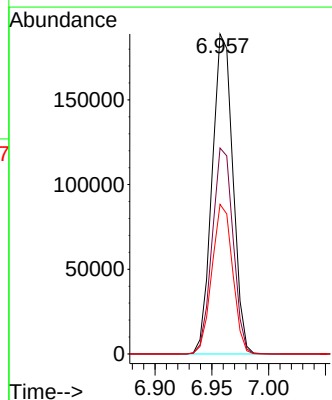
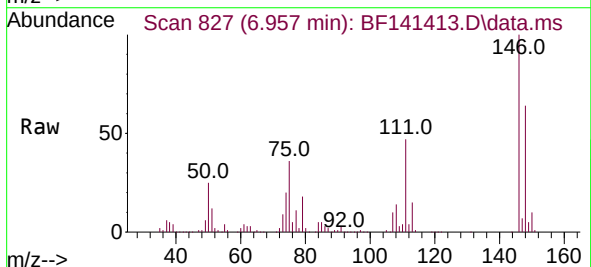
Instrument :
BNA_F
ClientSampleId :
286MS

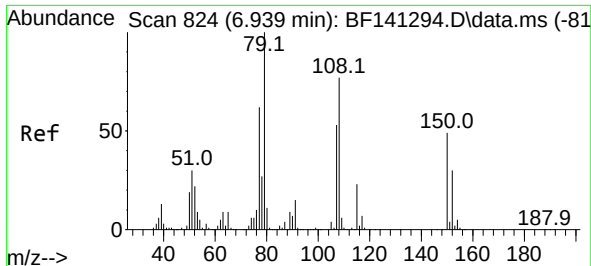
Tgt Ion:146 Resp: 250606
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 44.9 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 46.240 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:146 Resp: 240203
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 46.7 36.6 55.0

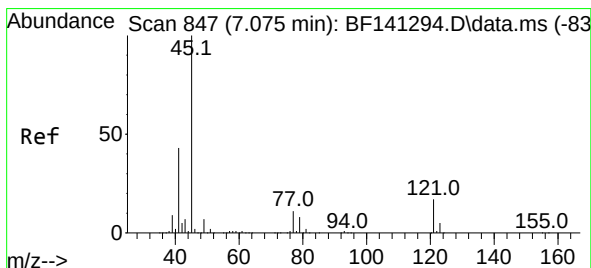
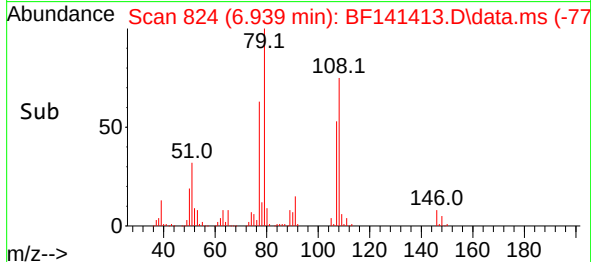
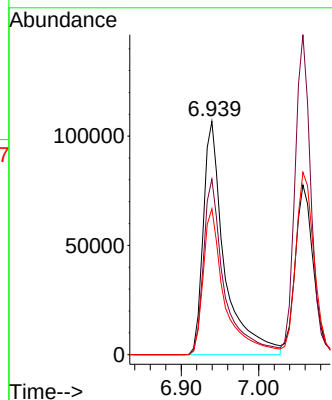
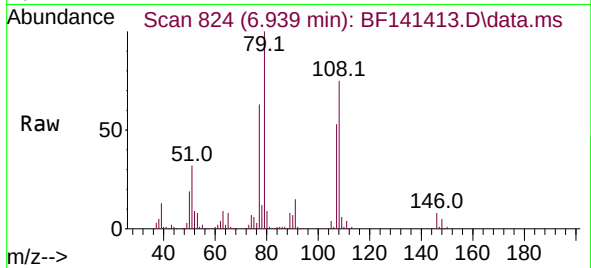




#15
Benzyl Alcohol
Concen: 50.178 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

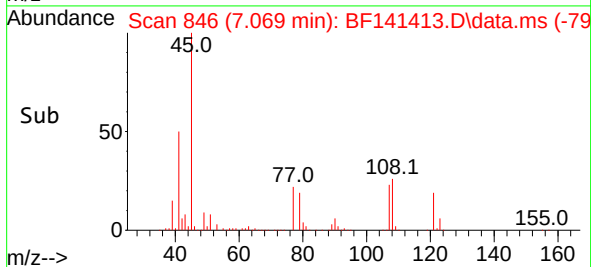
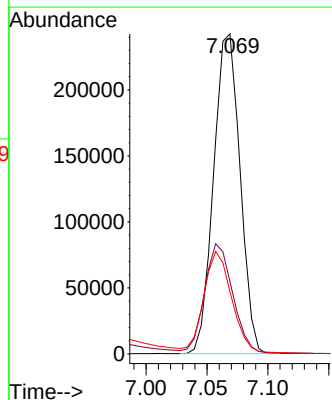
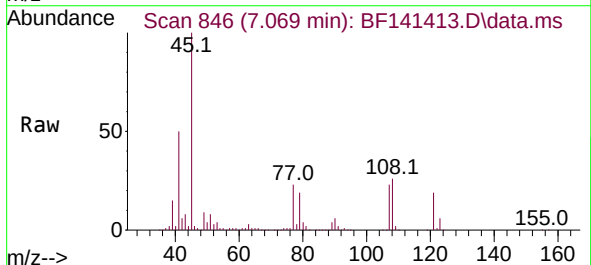
Instrument :
BNA_F
ClientSampleId :
286MS

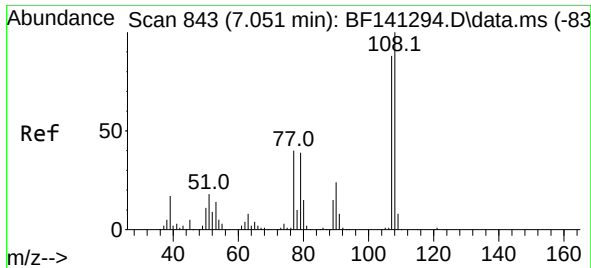
Tgt Ion: 79 Resp: 203836
Ion Ratio Lower Upper
79 100
108 75.3 61.4 92.0
77 62.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.510 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion: 45 Resp: 365547
Ion Ratio Lower Upper
45 100
77 22.6 0.0 31.8
79 19.5 0.0 29.1

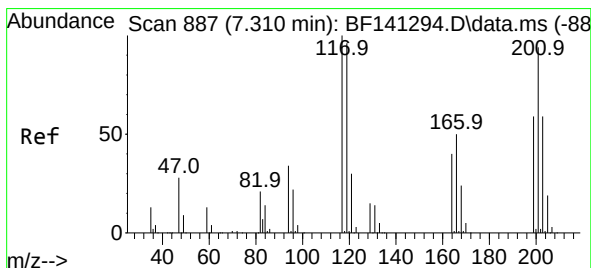
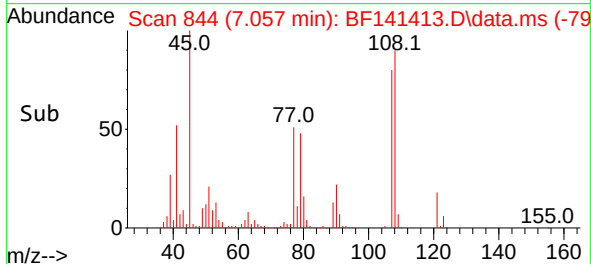
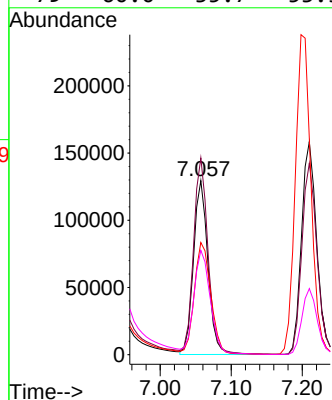
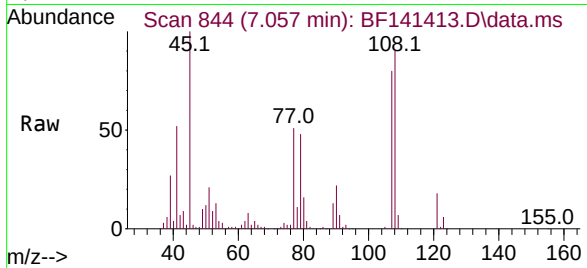




#17
2-Methylphenol
Concen: 45.214 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

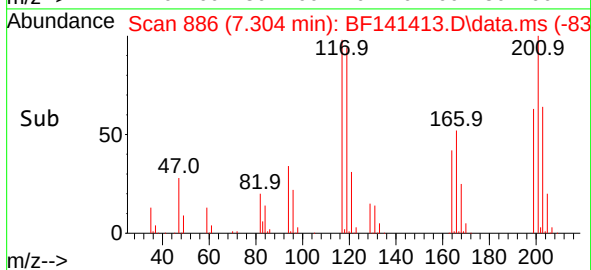
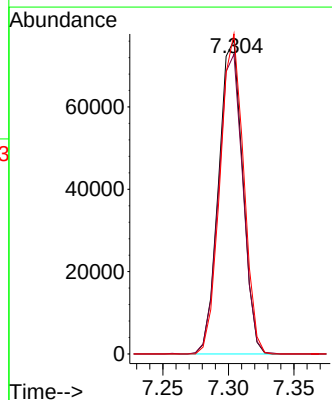
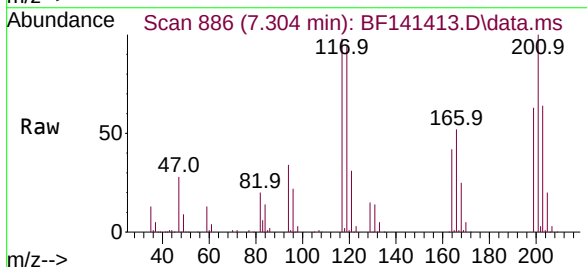
Instrument :
BNA_F
ClientSampleId :
286MS

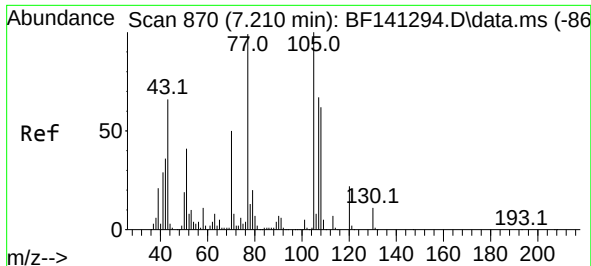
Tgt Ion:107 Resp: 184041
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 64.4 36.2 54.4#
79 60.0 35.7 53.5#



#18
Hexachloroethane
Concen: 47.257 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:117 Resp: 96713
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 102.0 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.776 ng

RT: 7.204 min Scan# 80

Delta R.T. -0.024 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

Tgt Ion: 70 Resp: 168748

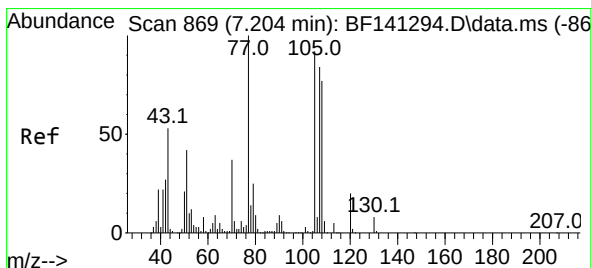
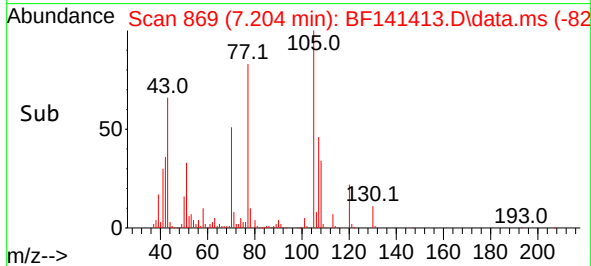
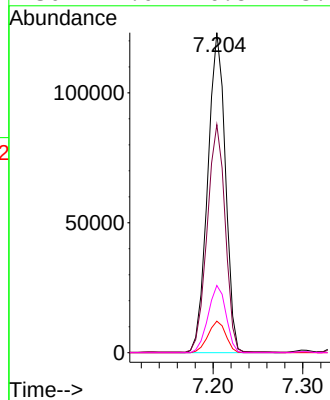
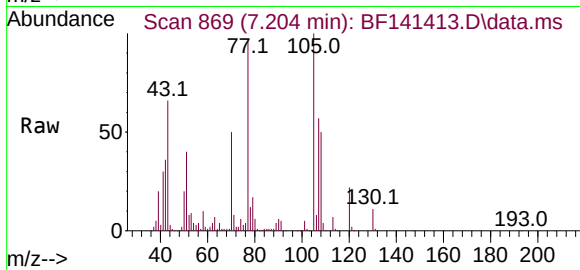
Ion Ratio Lower Upper

70 100

42 71.2 56.8 85.2

101 9.9 7.7 11.5

130 21.0 16.8 25.2



#20

3+4-Methylphenols

Concen: 46.944 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:107 Resp: 234616

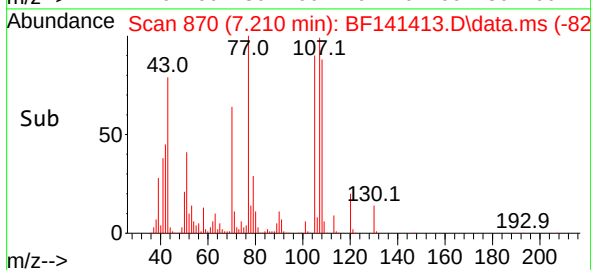
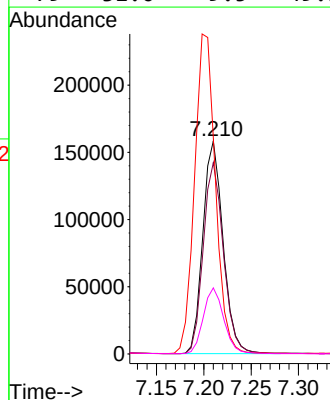
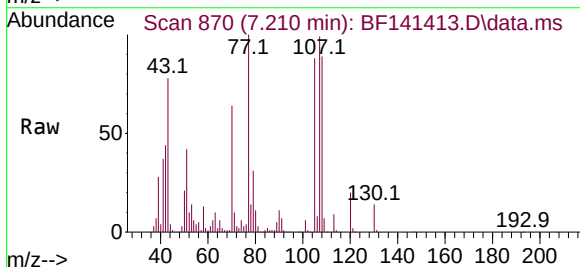
Ion Ratio Lower Upper

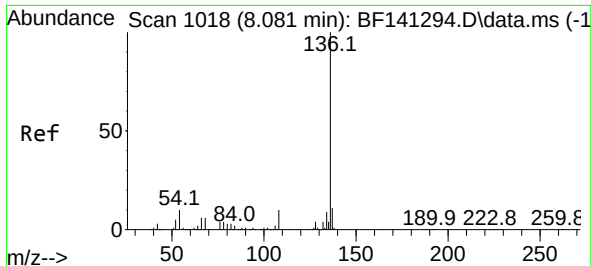
107 100

108 89.9 70.9 110.9

77 101.5 98.5 138.5

79 31.0 9.5 49.5

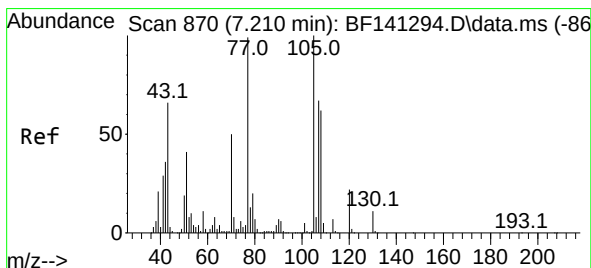
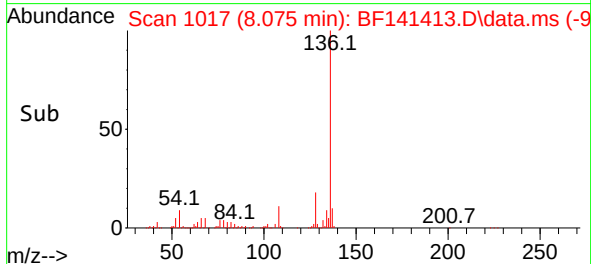
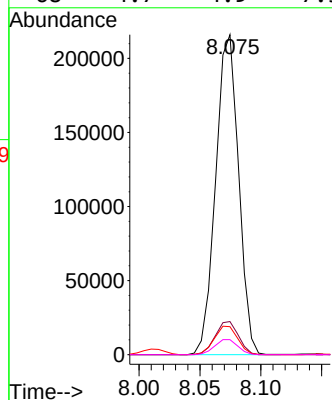
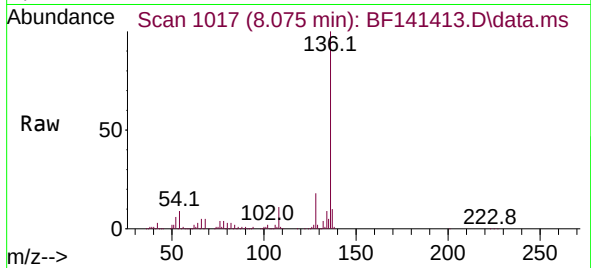




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

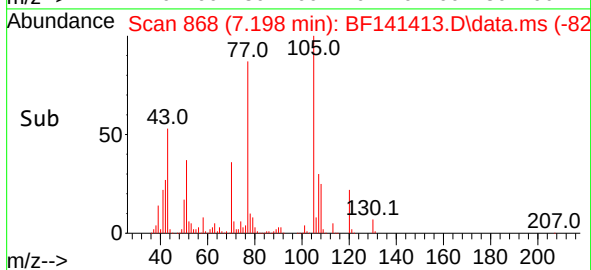
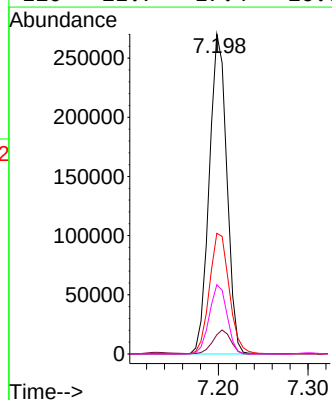
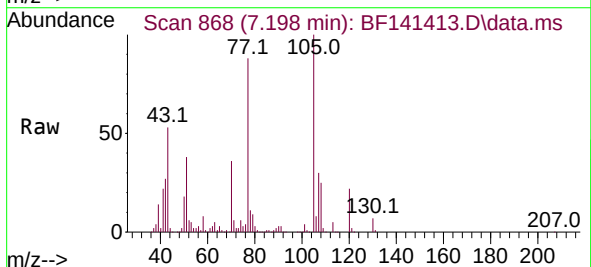
Instrument :
BNA_F
ClientSampleId :
286MS

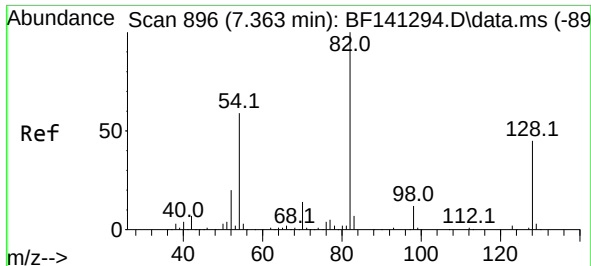
Tgt Ion:136 Resp: 282983
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.7 7.8 11.8
68 4.7 4.9 7.3#



#22
Acetophenone
Concen: 54.669 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:105 Resp: 367727
Ion Ratio Lower Upper
105 100
71 6.0 6.8 10.2#
51 37.7 32.6 49.0
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 101.751 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

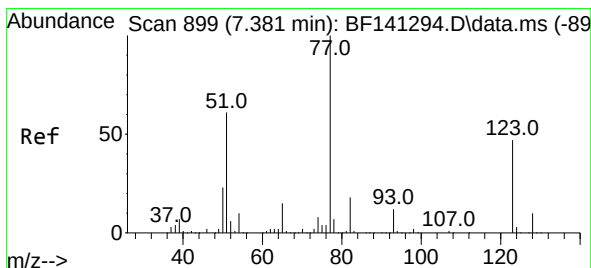
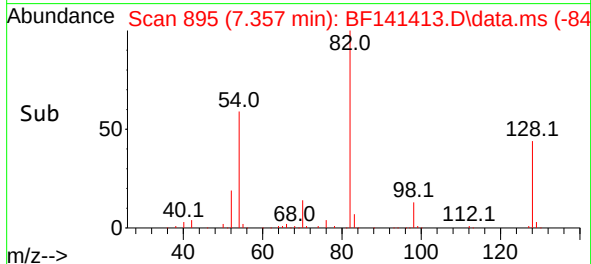
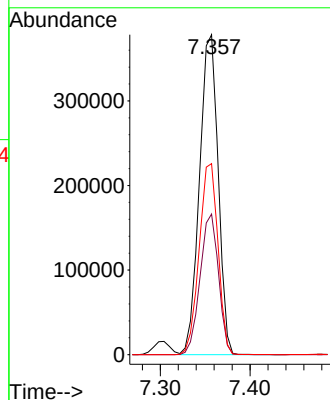
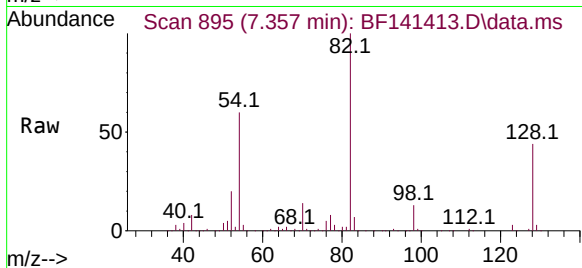
BNA_F

ClientSampleId :

286MS

Tgt Ion: 82 Resp: 546202

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	59.7	47.1	70.7



#24

Nitrobenzene

Concen: 45.771 ng

RT: 7.375 min Scan# 898

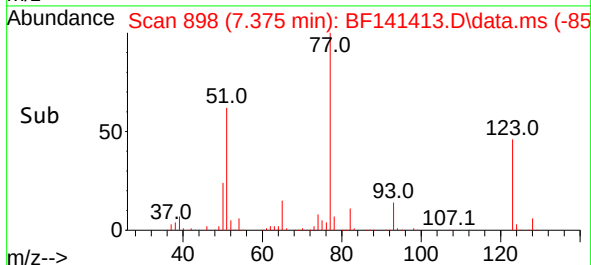
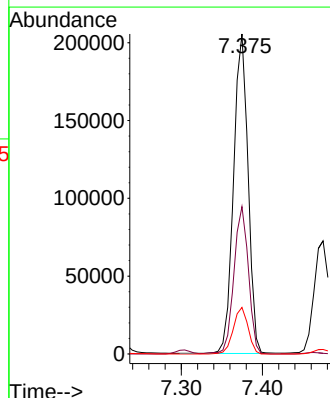
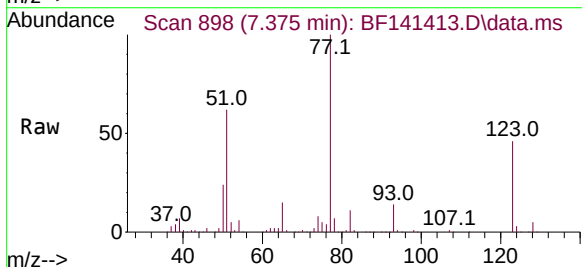
Delta R.T. -0.018 min

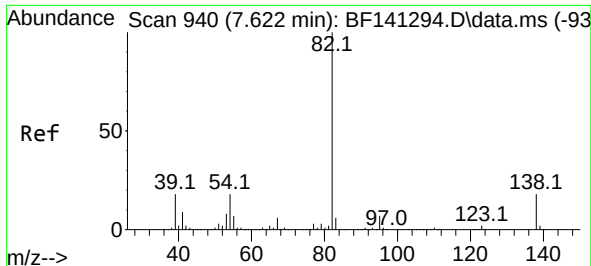
Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion: 77 Resp: 254617

Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.3	55.9
65	14.5	11.8	17.6

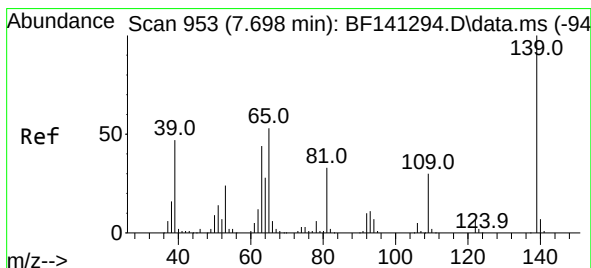
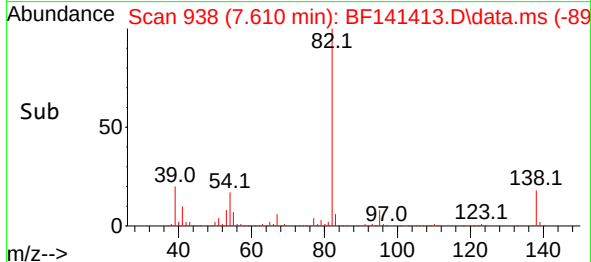
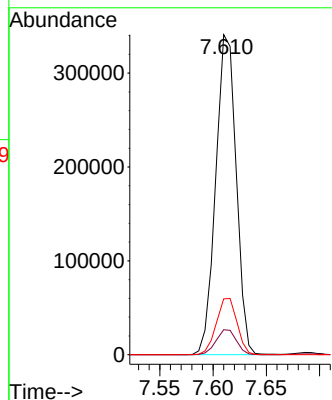
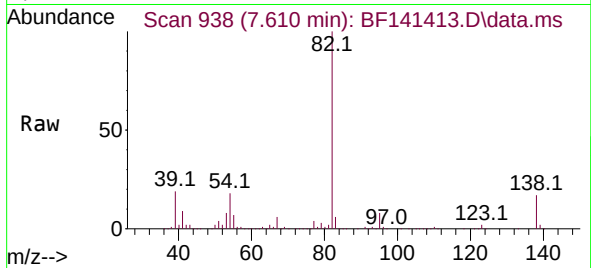




#25
Isophorone
Concen: 49.118 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

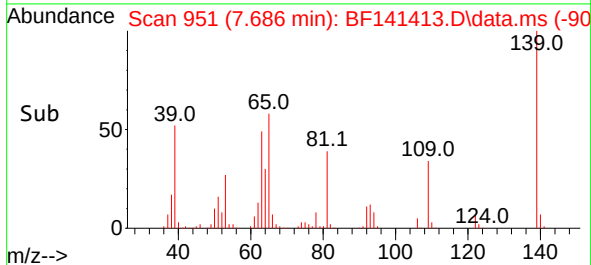
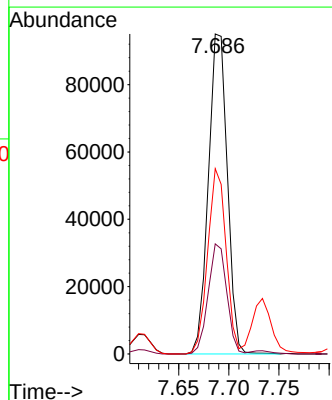
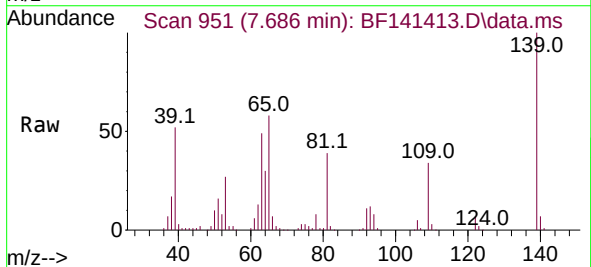
Instrument :
BNA_F
ClientSampleId :
286MS

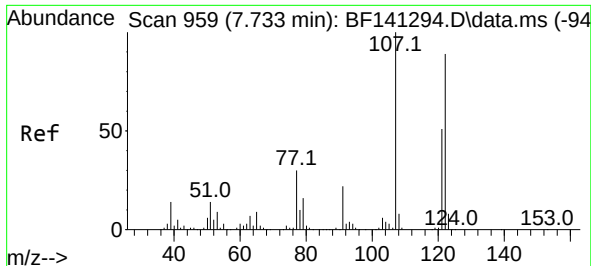
Tgt Ion: 82 Resp: 455768
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.5 14.7 22.1



#26
2-Nitrophenol
Concen: 47.848 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:139 Resp: 125531
Ion Ratio Lower Upper
139 100
109 34.4 23.8 35.6
65 57.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 59.797 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

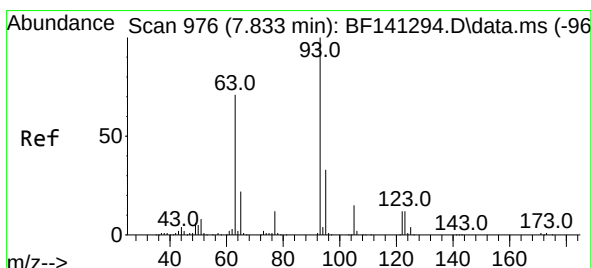
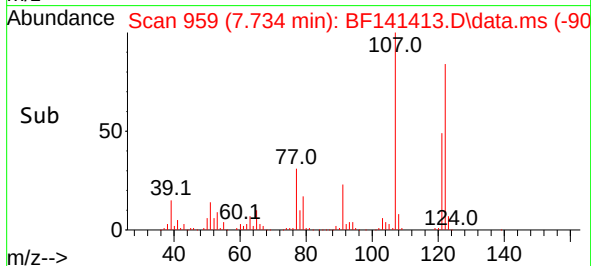
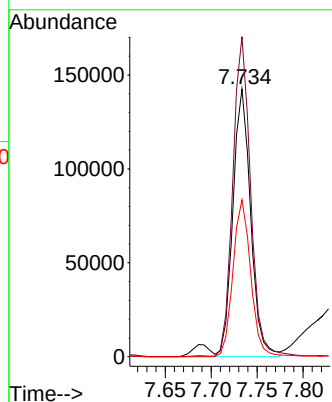
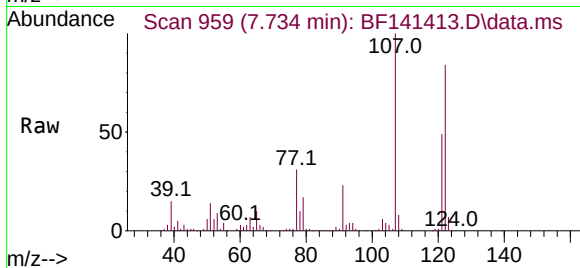
Tgt Ion:122 Resp: 199684

Ion Ratio Lower Upper

122 100

107 119.6 89.9 134.9

121 58.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.102 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

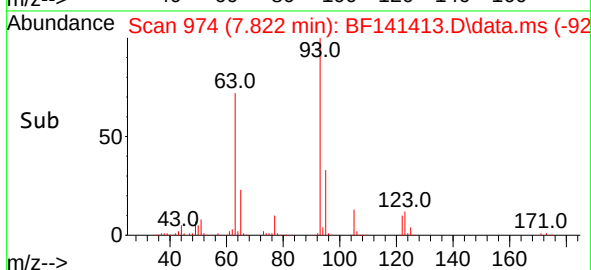
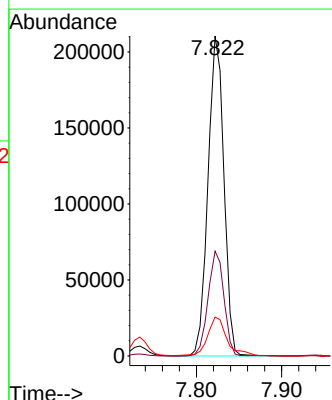
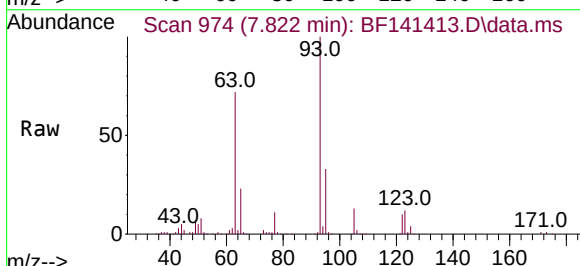
Tgt Ion: 93 Resp: 272873

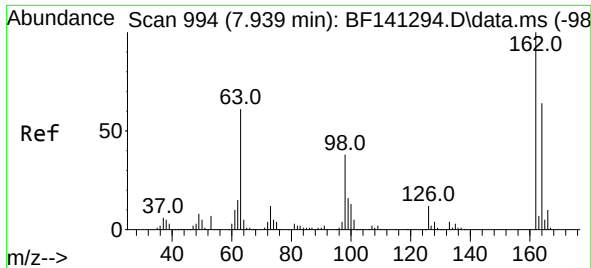
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.168 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

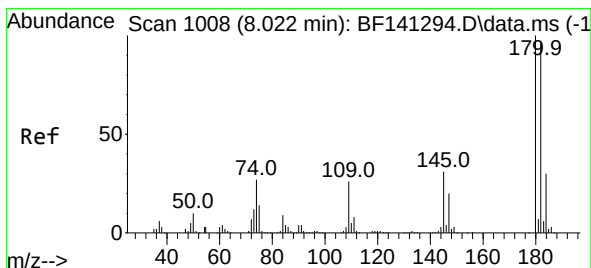
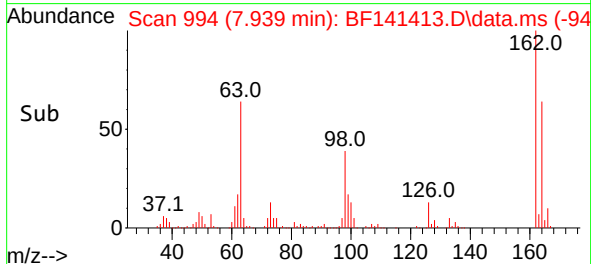
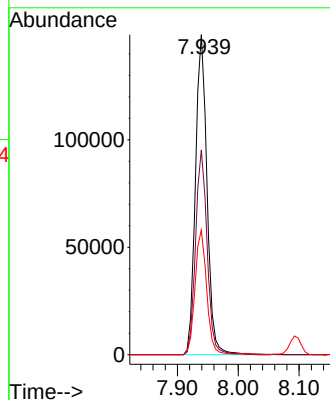
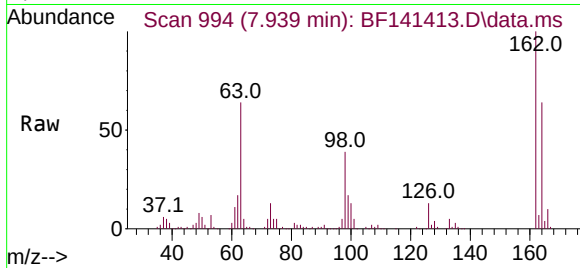
Tgt Ion:162 Resp: 196917

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 38.9 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 46.422 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

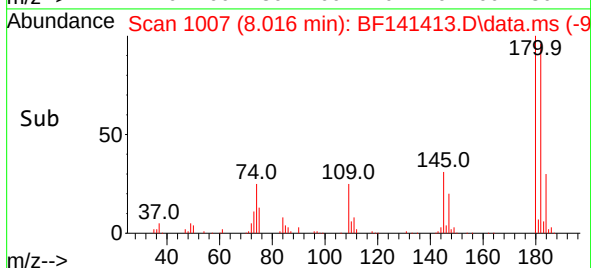
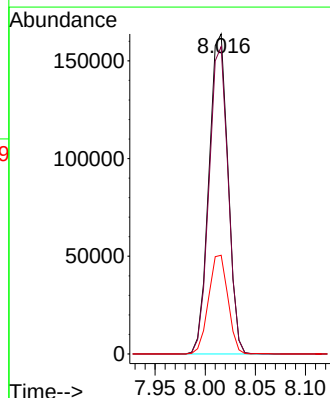
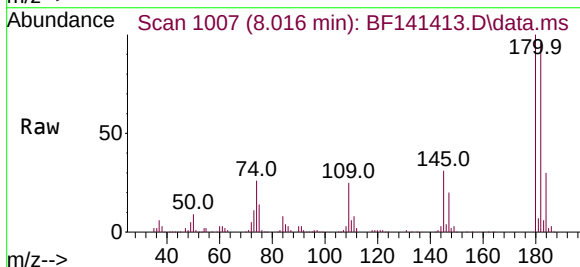
Tgt Ion:180 Resp: 216732

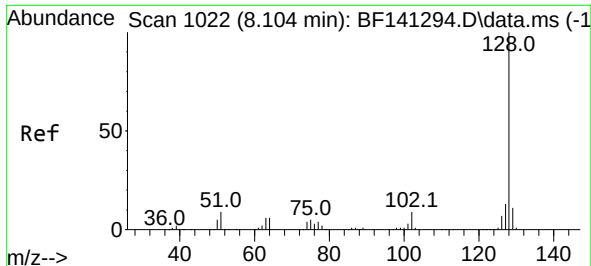
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 30.8 24.9 37.3

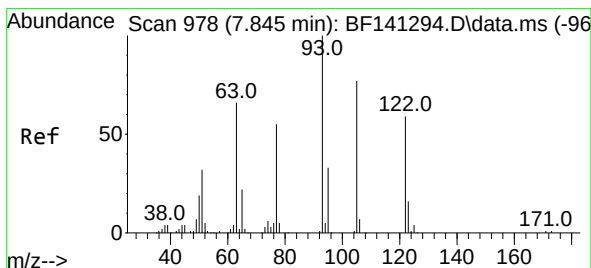
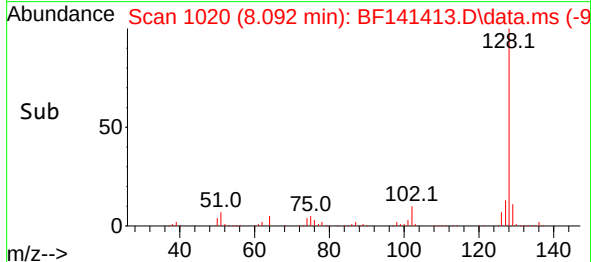
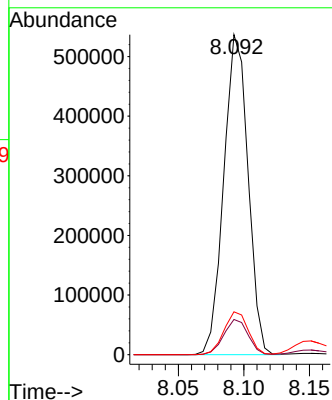
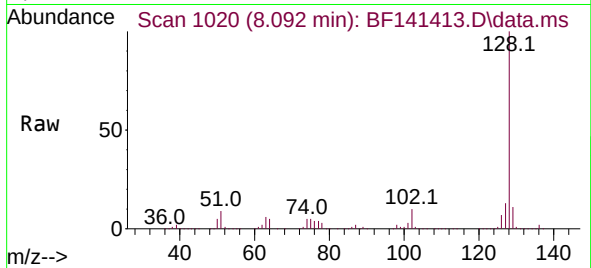




#31
Naphthalene
Concen: 46.159 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

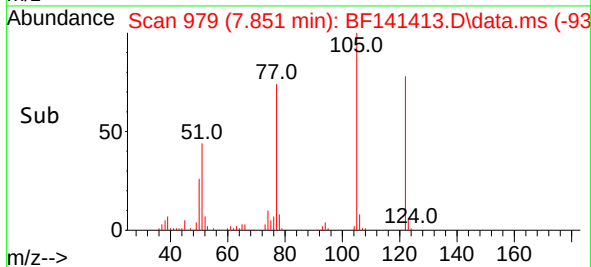
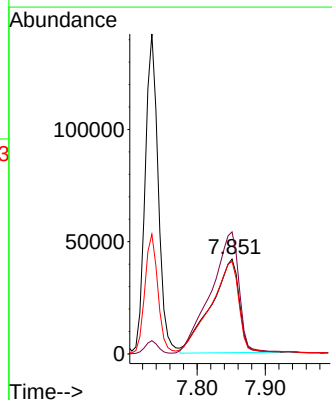
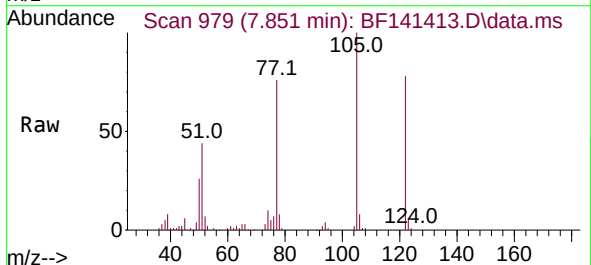
Instrument :
BNA_F
ClientSampleId :
286MS

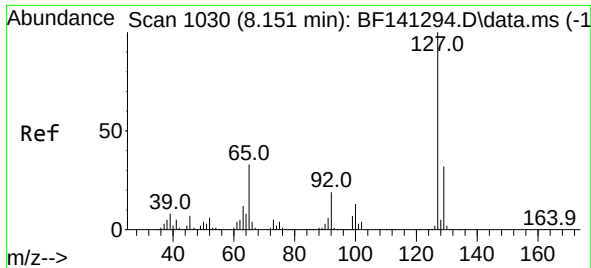
Tgt Ion:128 Resp: 690045
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 39.121 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:122 Resp: 120094
Ion Ratio Lower Upper
122 100
105 128.7 103.4 143.4
77 97.4 70.9 110.9

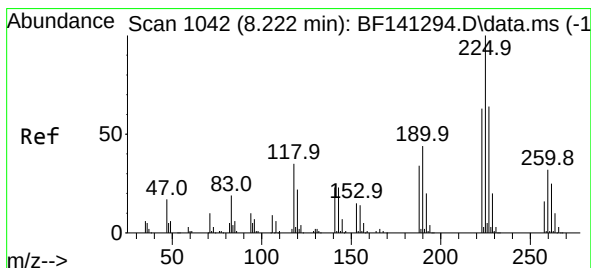
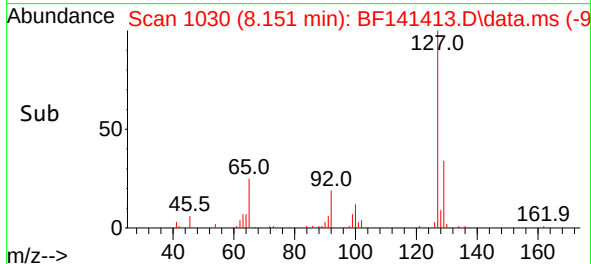
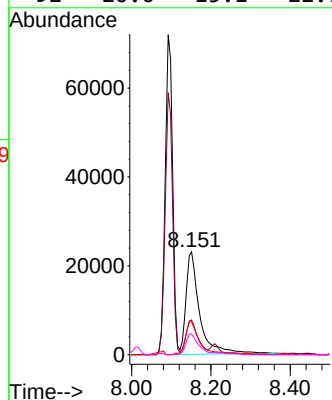
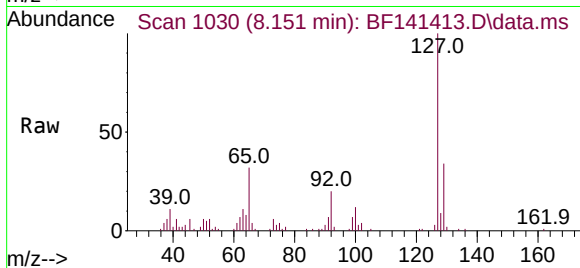




#33
4-Chloroaniline
Concen: 10.870 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

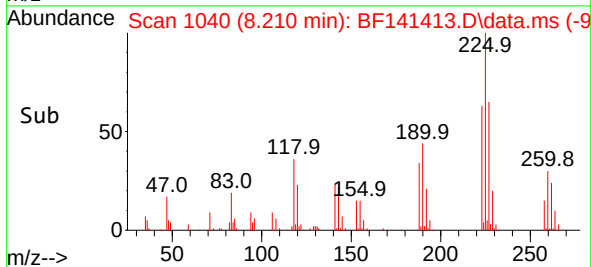
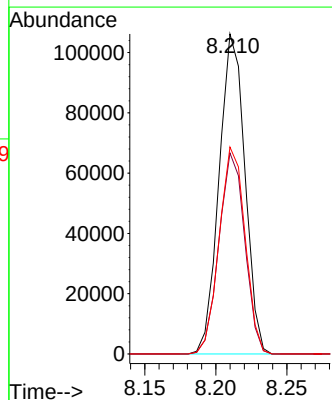
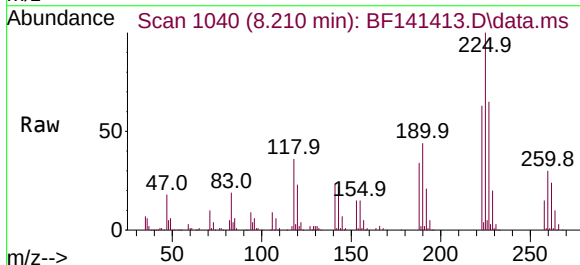
Instrument :
BNA_F
ClientSampleId :
286MS

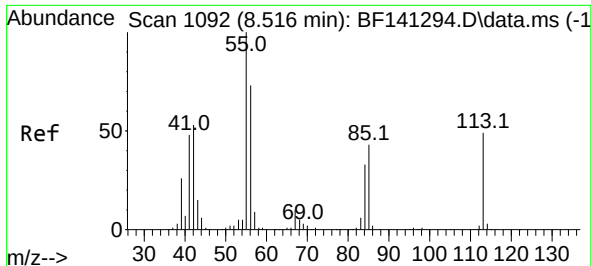
Tgt Ion:	127	Resp:	55103
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.7	38.5
65	31.8	26.4	39.6
92	20.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 48.998 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:	225	Resp:	134151
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	64.7	51.3	76.9

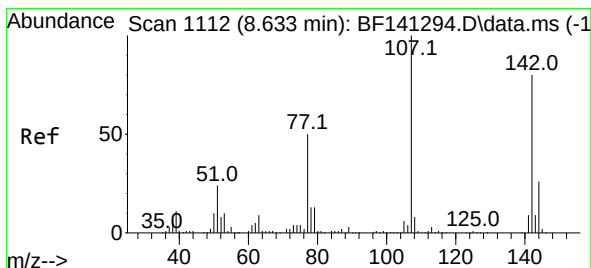
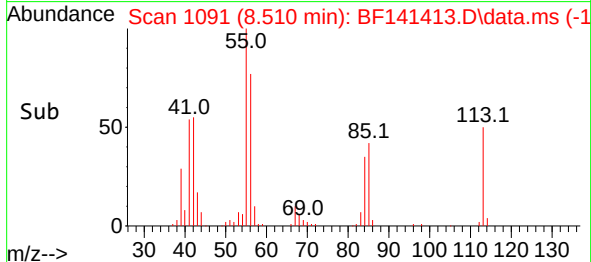
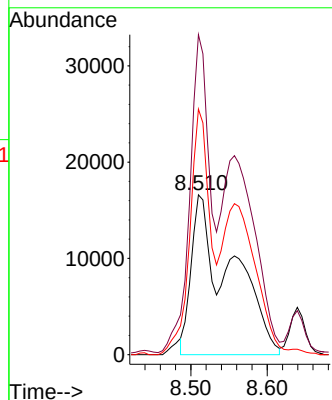
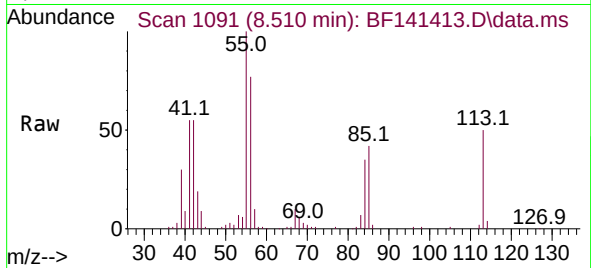




#35
Caprolactam
Concen: 44.747 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

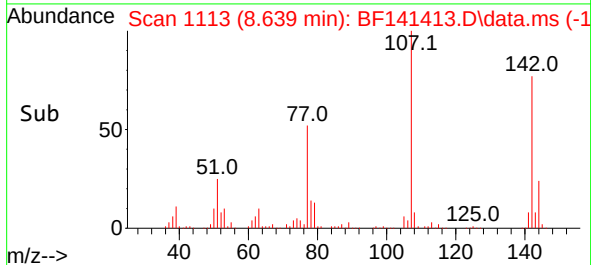
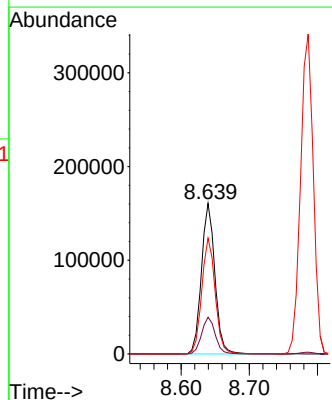
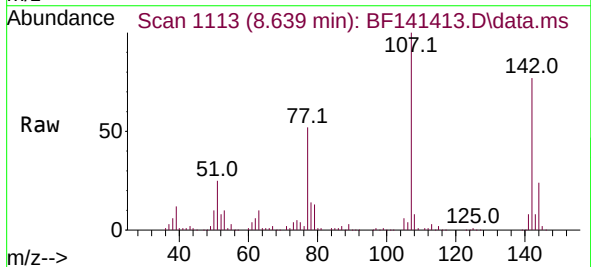
Instrument :
BNA_F
ClientSampleId :
286MS

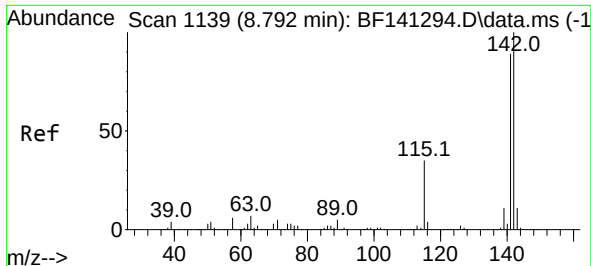
Tgt Ion:113 Resp: 59743
Ion Ratio Lower Upper
113 100
55 200.2 182.9 222.9
56 153.7 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 50.336 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:107 Resp: 220728
Ion Ratio Lower Upper
107 100
144 24.5 20.7 31.1
142 76.9 63.8 95.8





#37

2-Methylnaphthalene

Concen: 46.709 ng

RT: 8.786 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

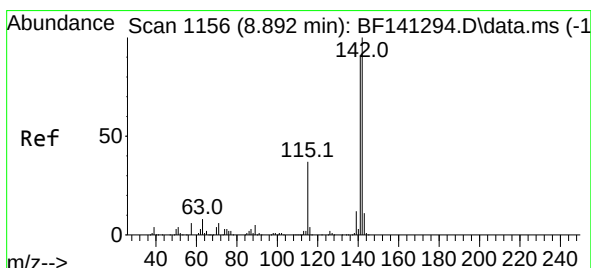
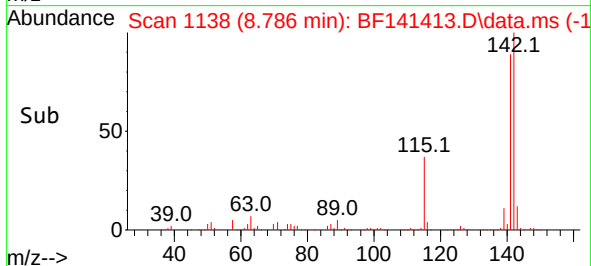
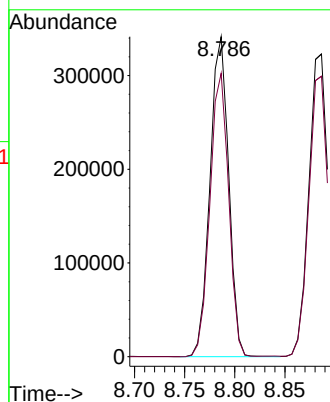
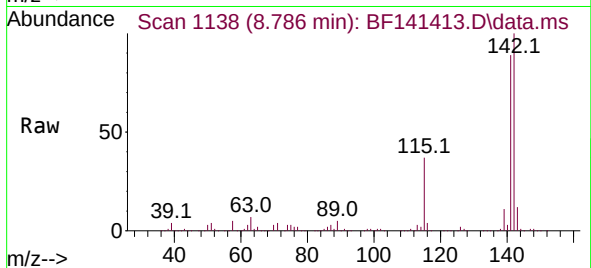
286MS

Tgt Ion:142 Resp: 443805

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 45.890 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF141413.D

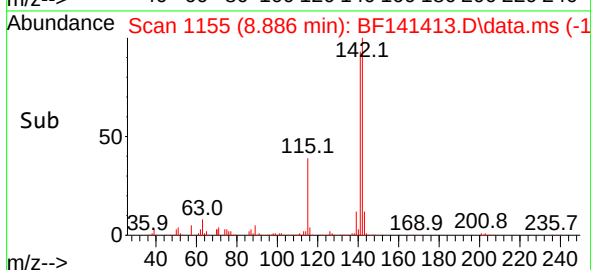
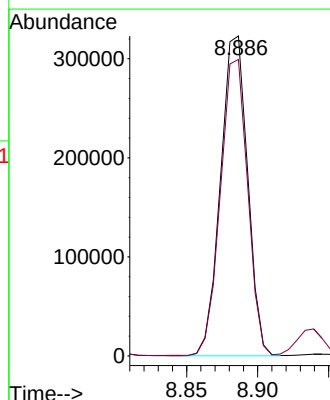
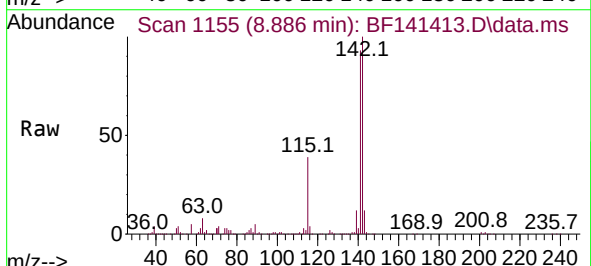
Acq: 04 Feb 2025 17:22

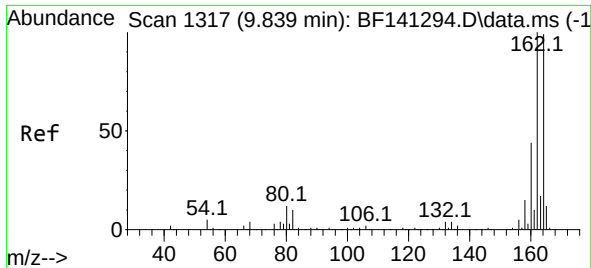
Tgt Ion:142 Resp: 428312

Ion Ratio Lower Upper

142 100

141 92.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

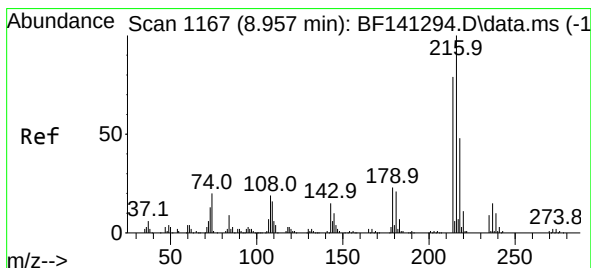
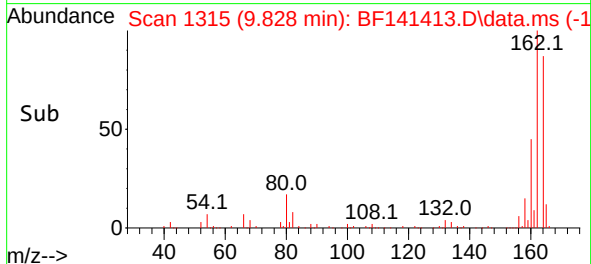
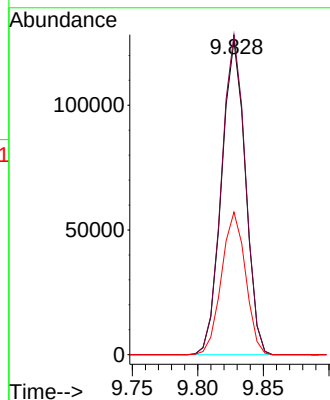
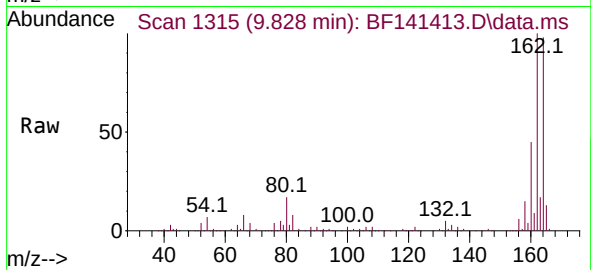
Tgt Ion:164 Resp: 159062

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

160 45.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.092 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:216 Resp: 240249

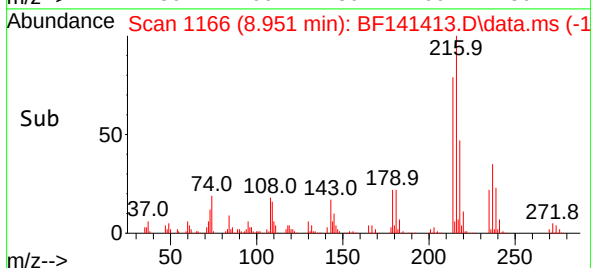
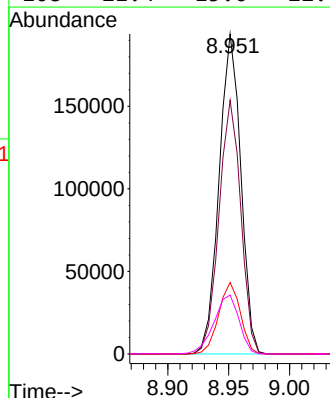
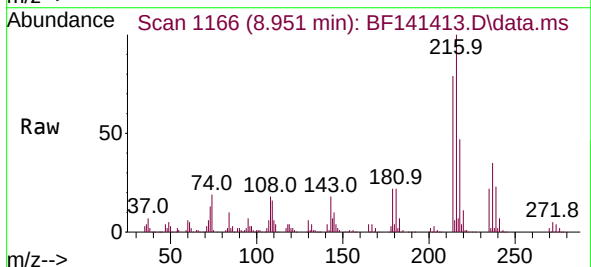
Ion Ratio Lower Upper

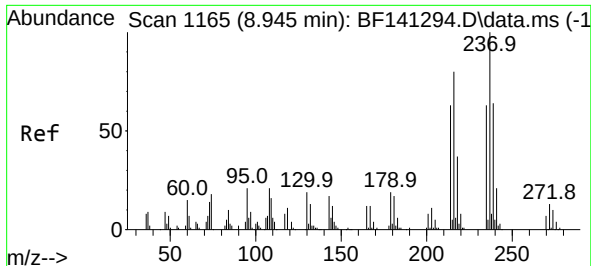
216 100

214 79.4 63.2 94.8

179 22.4 17.8 26.8

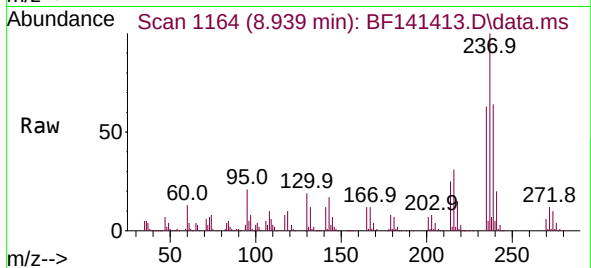
108 21.4 15.0 22.6



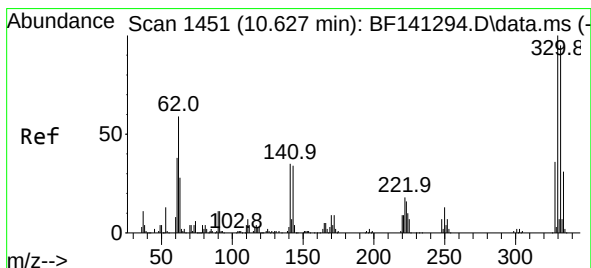
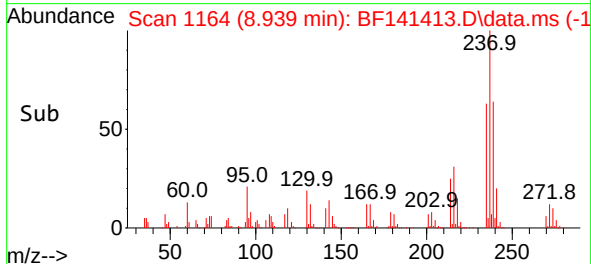
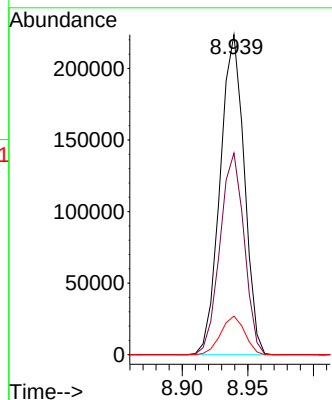


#41
Hexachlorocyclopentadiene
Concen: 213.957 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

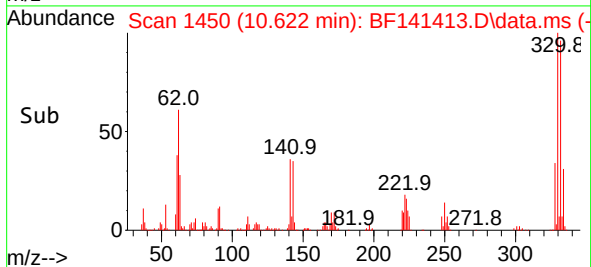
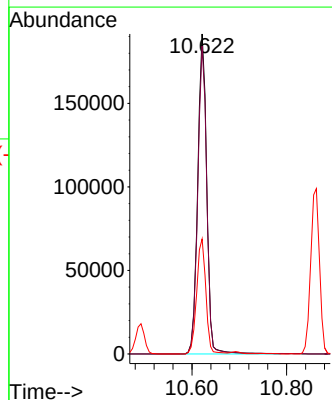
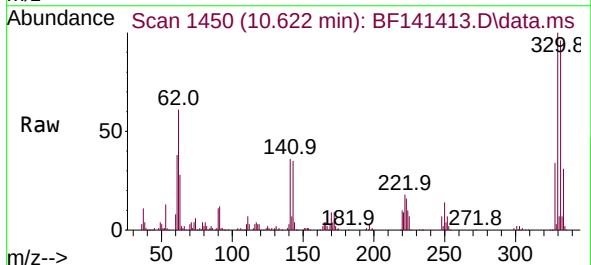


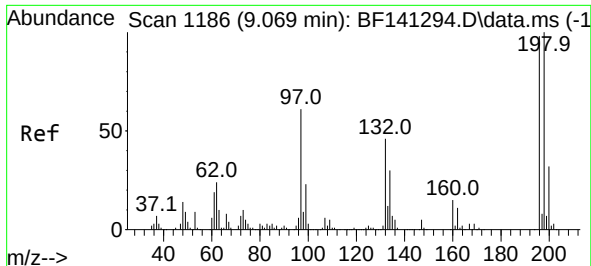
Tgt Ion:237 Resp: 285933
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 173.642 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:330 Resp: 253210
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 36.7 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.866 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

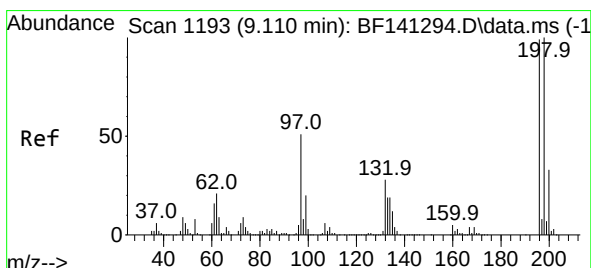
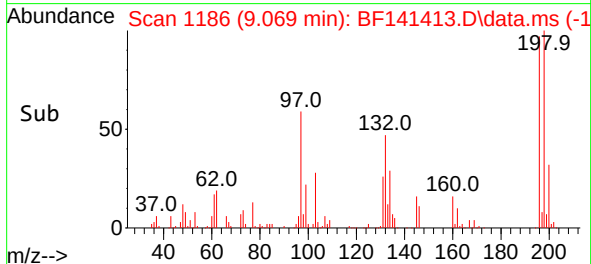
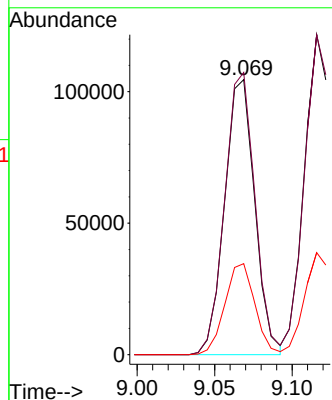
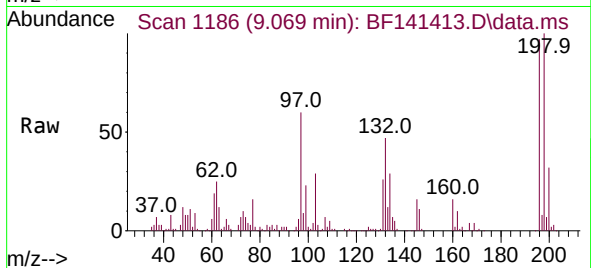
Tgt Ion:196 Resp: 141772

Ion Ratio Lower Upper

196 100

198 102.6 81.8 122.6

200 33.1 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 49.444 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:196 Resp: 159389

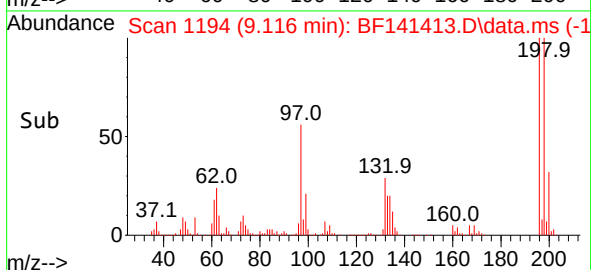
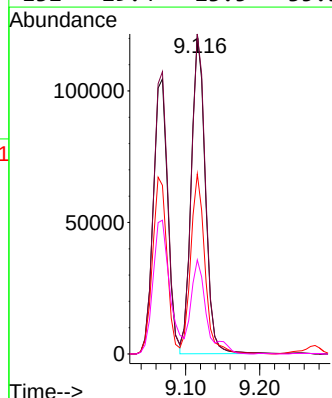
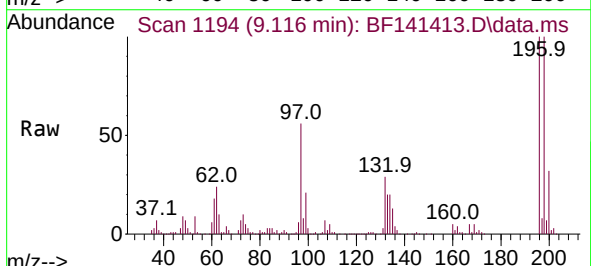
Ion Ratio Lower Upper

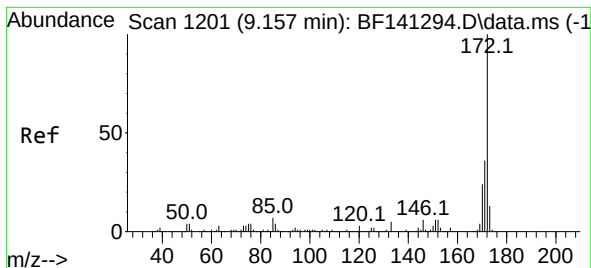
196 100

198 99.9 80.5 120.7

97 56.3 42.8 64.2

132 29.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 101.944 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

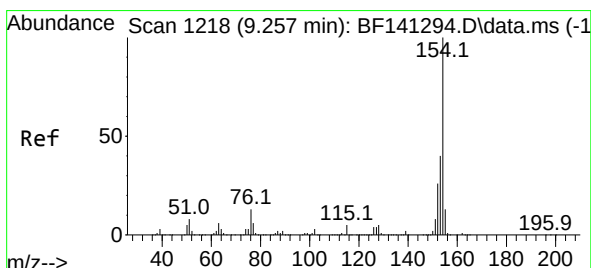
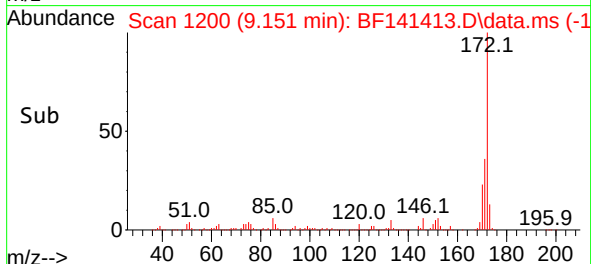
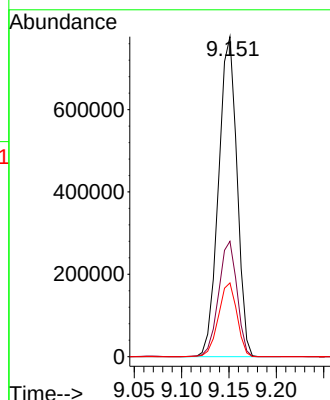
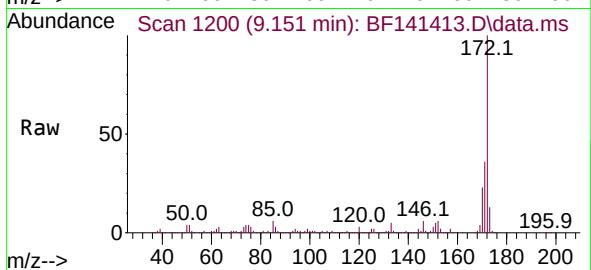
Tgt Ion:172 Resp: 1053500

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 52.181 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

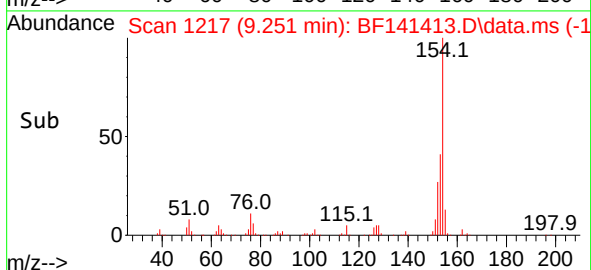
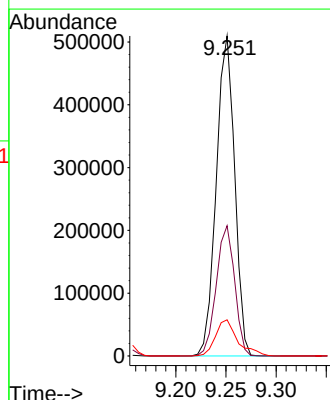
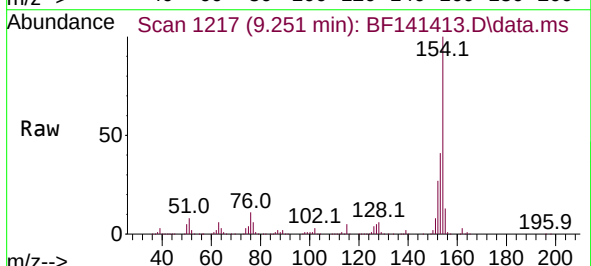
Tgt Ion:154 Resp: 647303

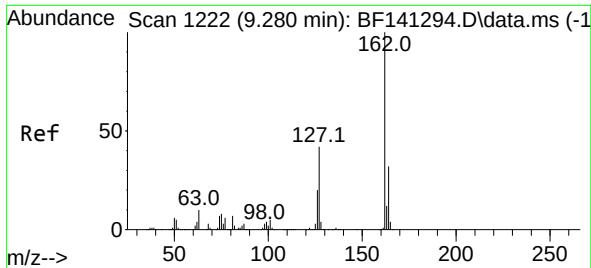
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

76 11.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.993 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

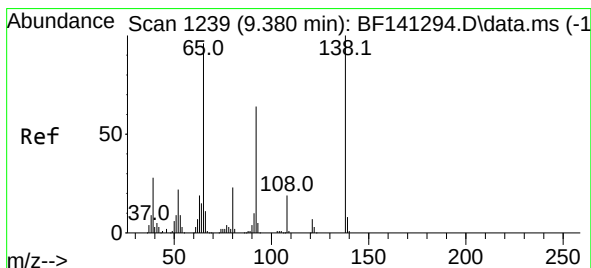
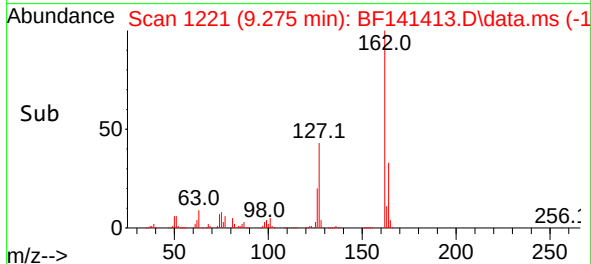
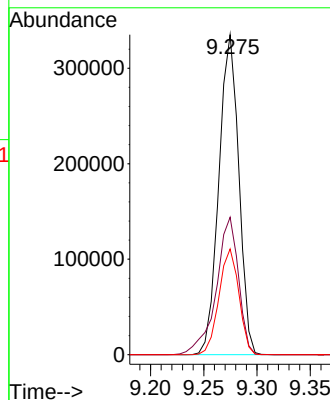
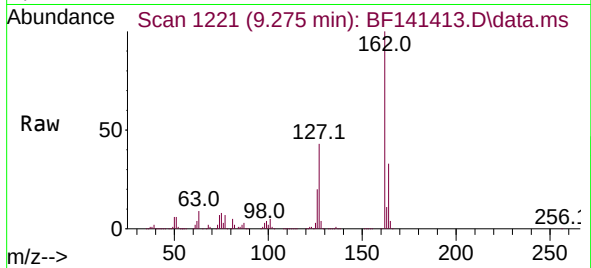
Tgt Ion:162 Resp: 435038

Ion Ratio Lower Upper

162 100

127 43.0 33.7 50.5

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 49.987 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

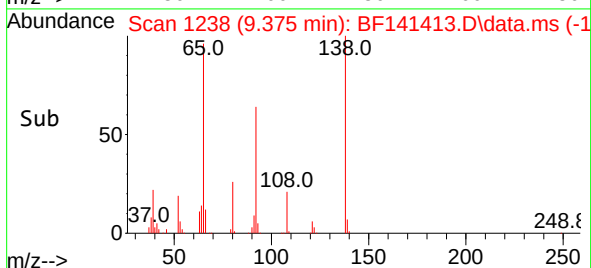
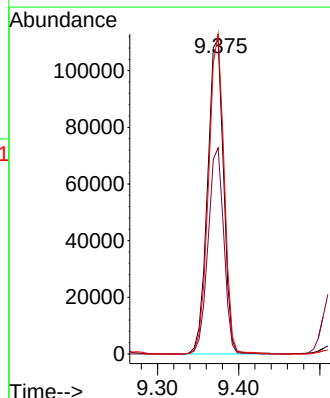
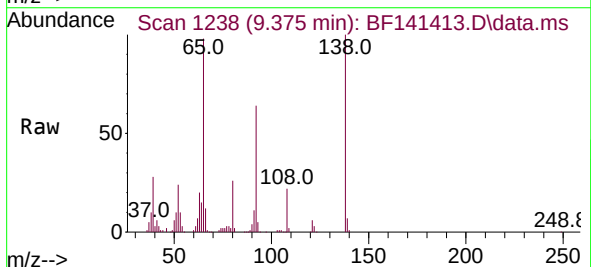
Tgt Ion: 65 Resp: 152025

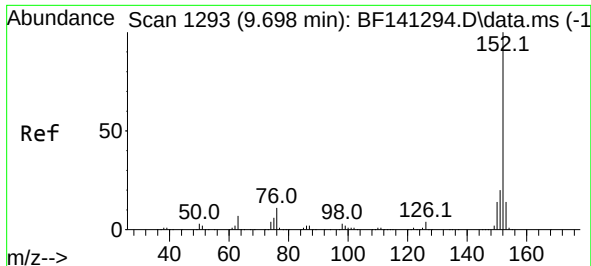
Ion Ratio Lower Upper

65 100

92 65.5 53.3 79.9

138 101.7 83.6 125.4





#49

Acenaphthylene

Concen: 51.104 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

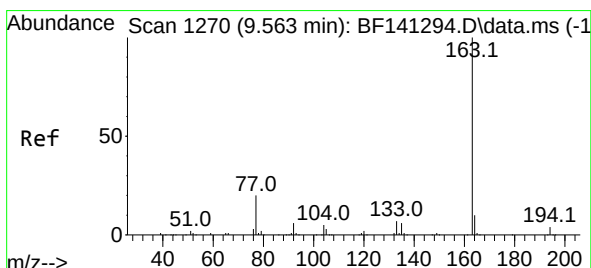
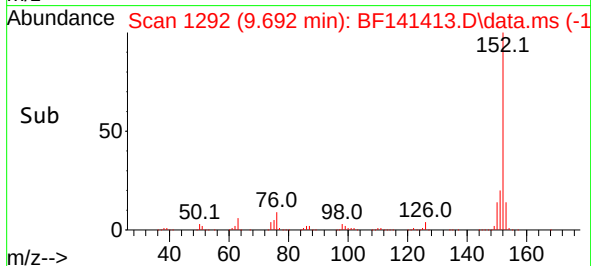
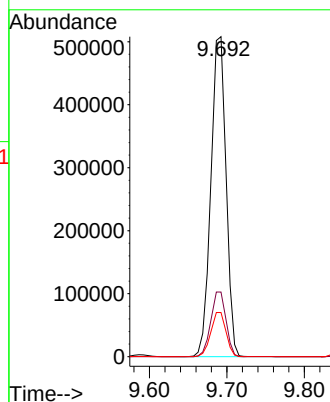
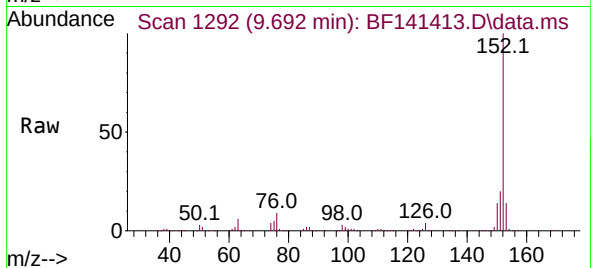
Tgt Ion:152 Resp: 691680

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 50.566 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

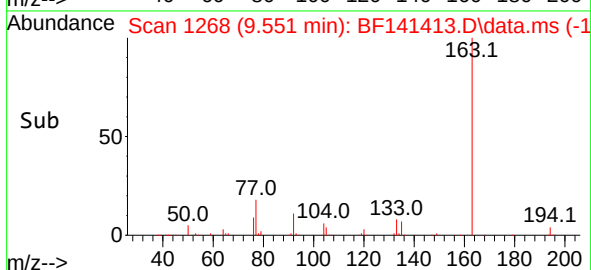
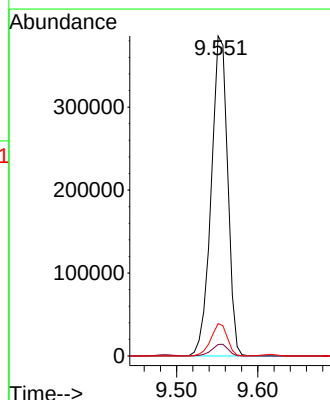
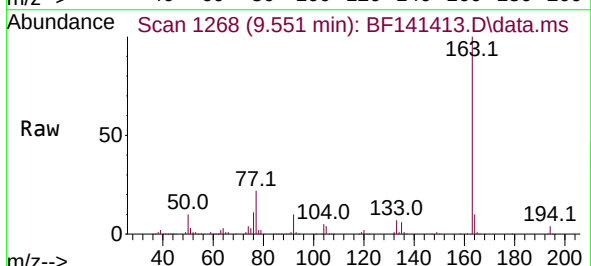
Tgt Ion:163 Resp: 543231

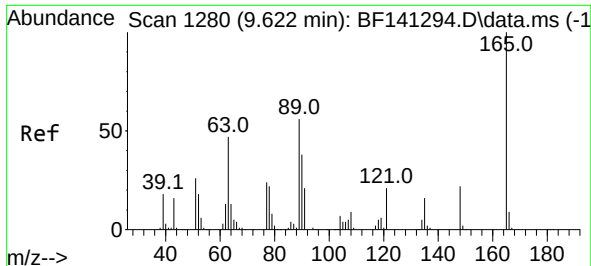
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.1 8.0 12.0

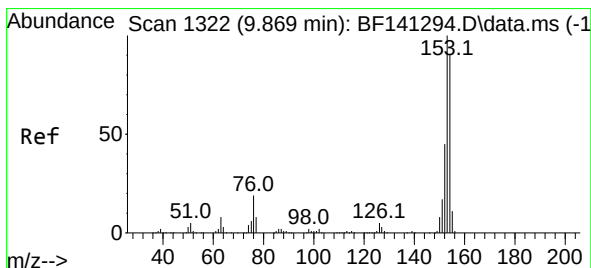
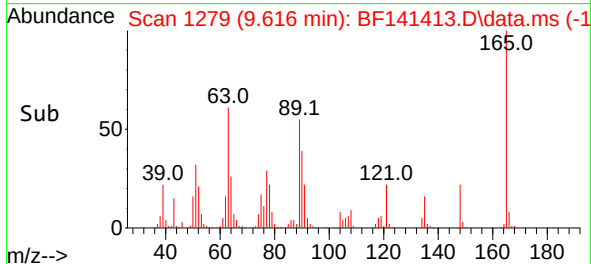
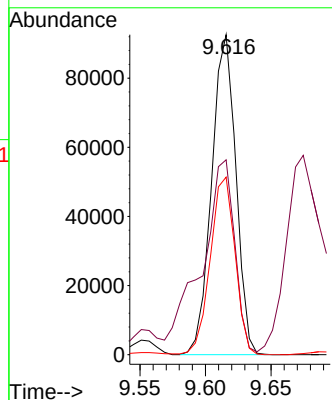
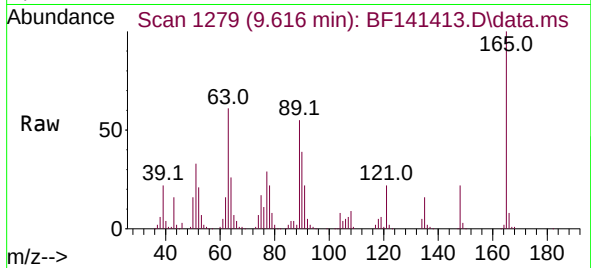




#51
2,6-Dinitrotoluene
Concen: 47.688 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

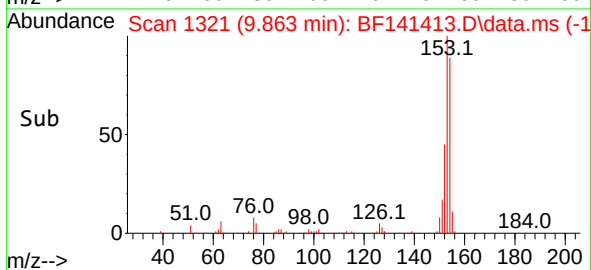
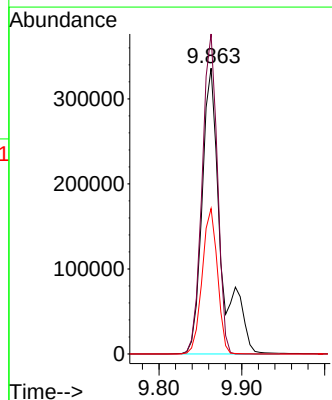
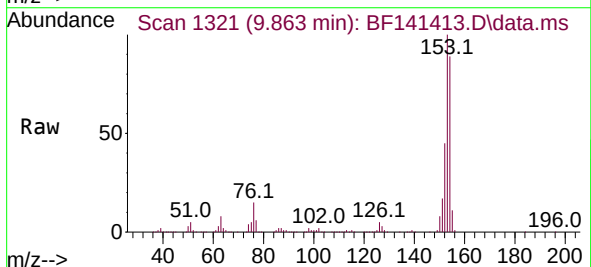
Instrument :
BNA_F
ClientSampleId :
286MS

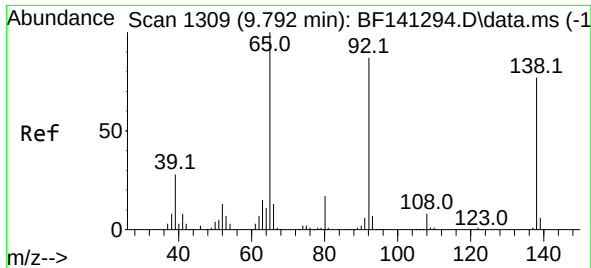
Tgt Ion:165 Resp: 118953
Ion Ratio Lower Upper
165 100
63 60.9 48.1 72.1
89 55.5 44.9 67.3



#52
Acenaphthene
Concen: 55.368 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:154 Resp: 535367
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 50.9 40.2 60.4

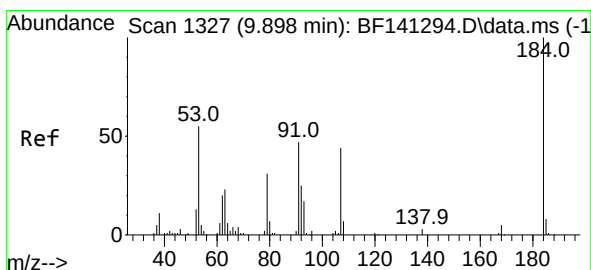
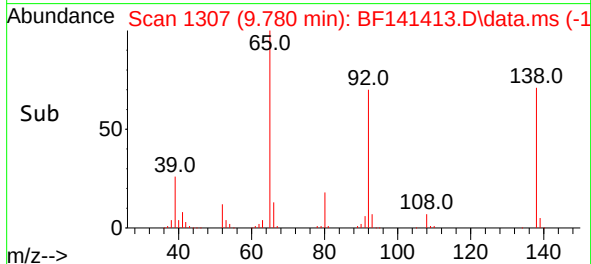
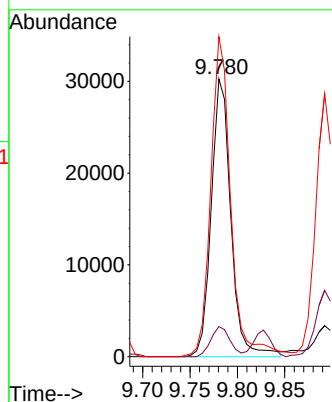
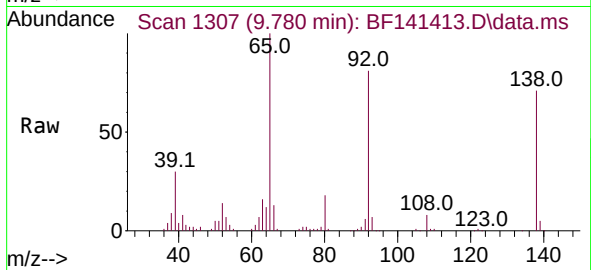




#53
3-Nitroaniline
Concen: 17.845 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

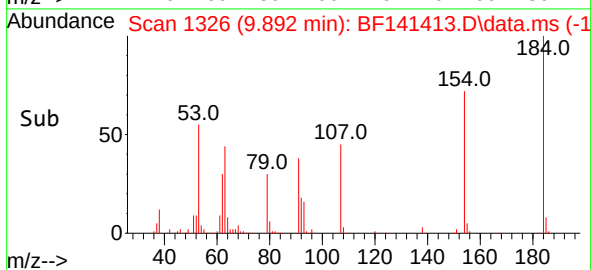
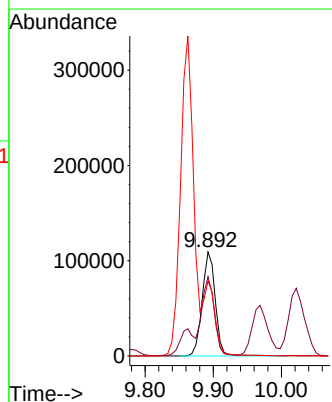
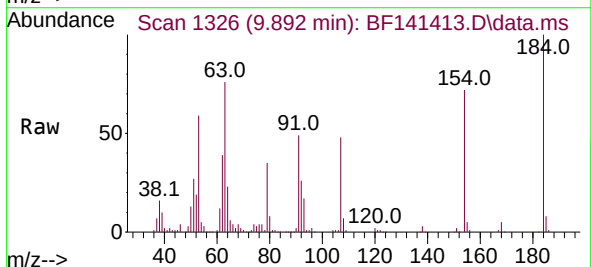
Instrument :
BNA_F
ClientSampleId :
286MS

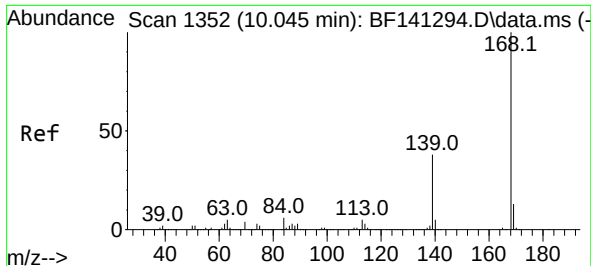
Tgt Ion:138 Resp: 43627
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 126.801 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:184 Resp: 147030
Ion Ratio Lower Upper
184 100
63 76.2 54.1 81.1
154 72.0 50.7 76.1

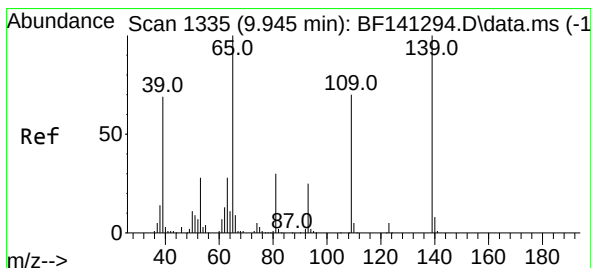
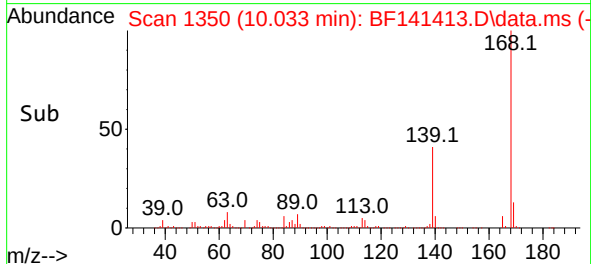
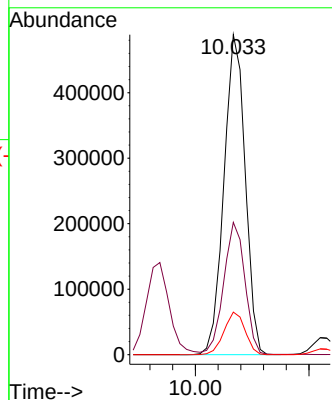
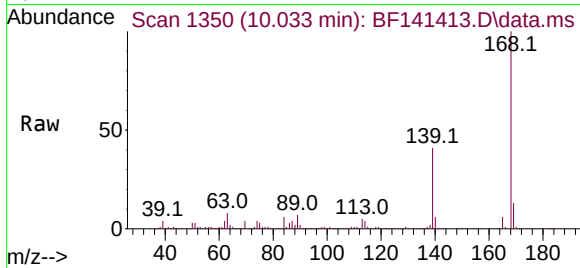




#55
Dibenzenofuran
Concen: 49.012 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

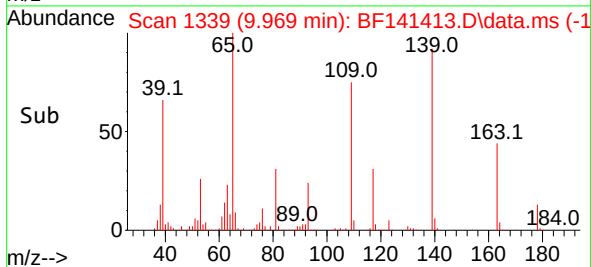
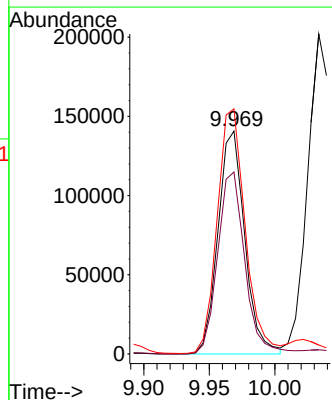
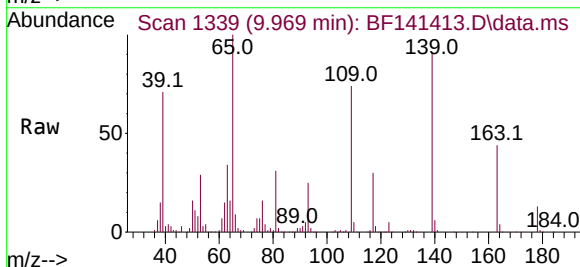
Instrument :
BNA_F
ClientSampleId :
286MS

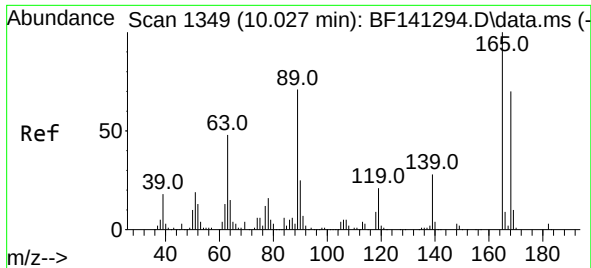
Tgt Ion:168 Resp: 634353
Ion Ratio Lower Upper
168 100
139 41.3 30.6 46.0
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 111.665 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:139 Resp: 199653
Ion Ratio Lower Upper
139 100
109 81.6 50.2 90.2
65 109.9 80.6 120.6

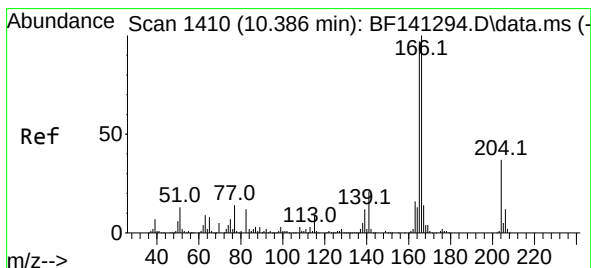
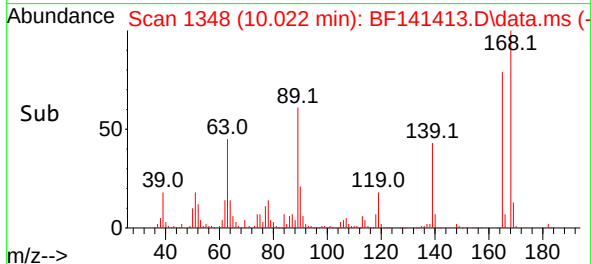
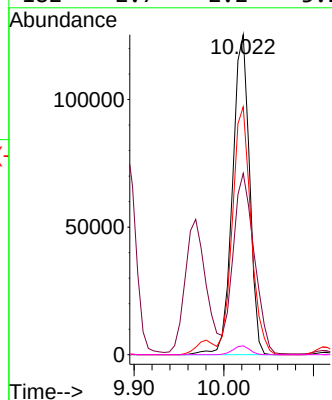
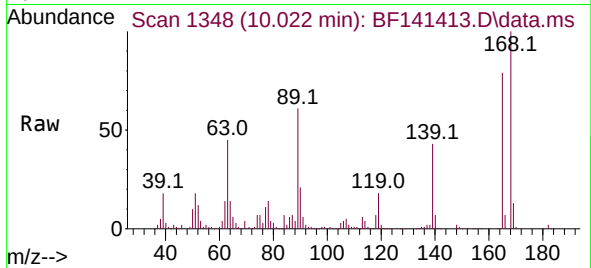




#57
2,4-Dinitrotoluene
Concen: 51.150 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

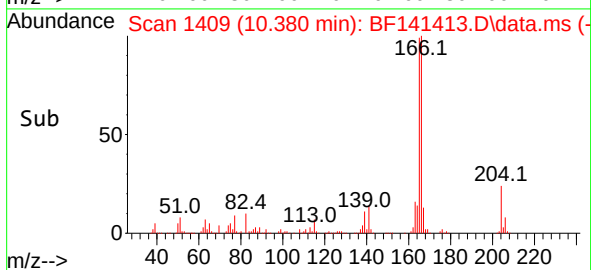
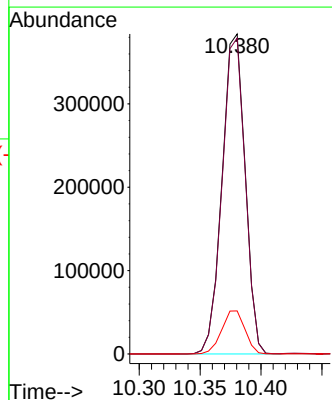
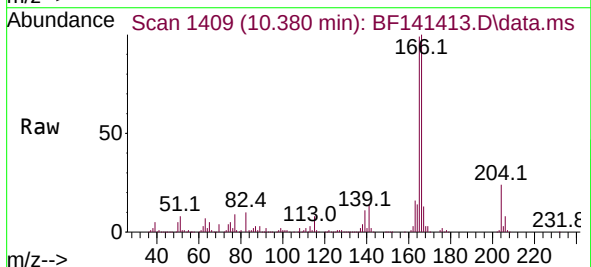
Instrument :
BNA_F
ClientSampleId :
286MS

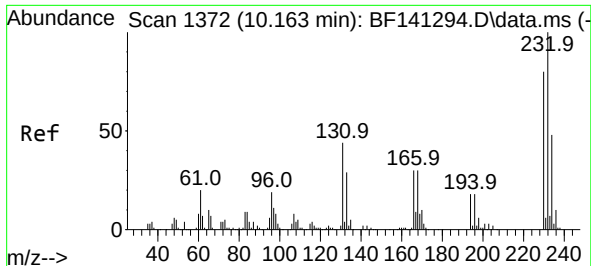
Tgt Ion:165 Resp: 165190
Ion Ratio Lower Upper
165 100
63 56.7 39.2 58.8
89 77.5 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 50.468 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:166 Resp: 506674
Ion Ratio Lower Upper
166 100
165 98.7 77.5 116.3
167 13.5 10.9 16.3

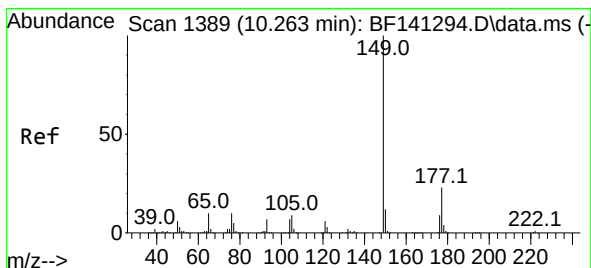
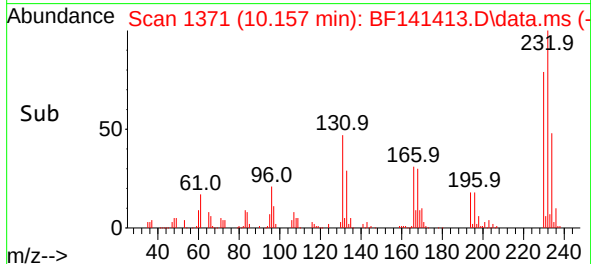
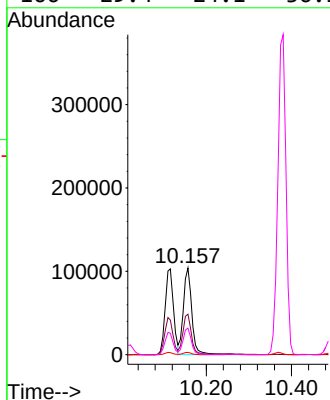
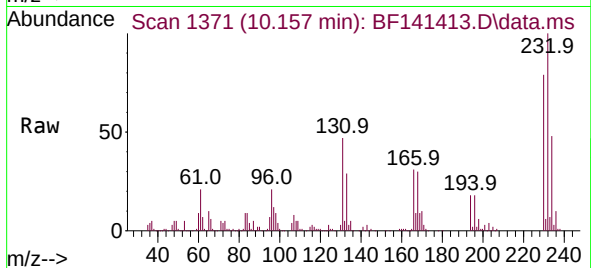




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.727 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

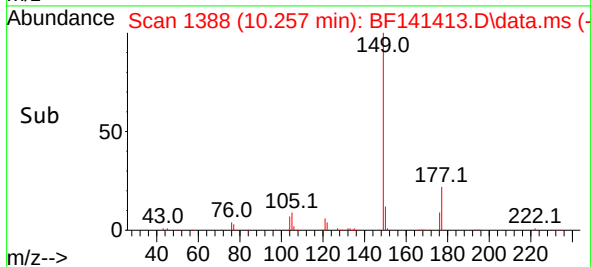
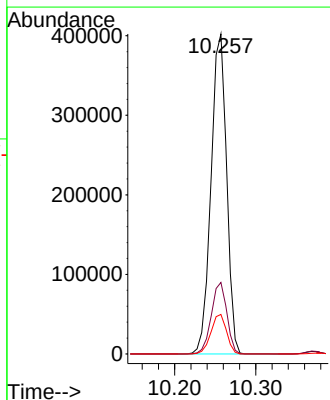
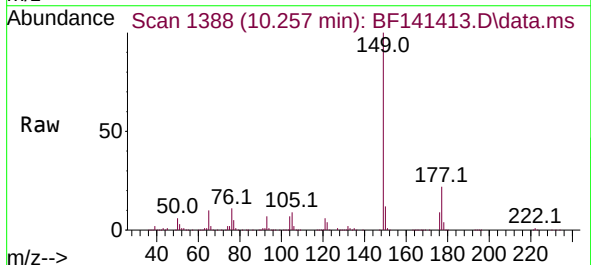
Instrument :
BNA_F
ClientSampleId :
286MS

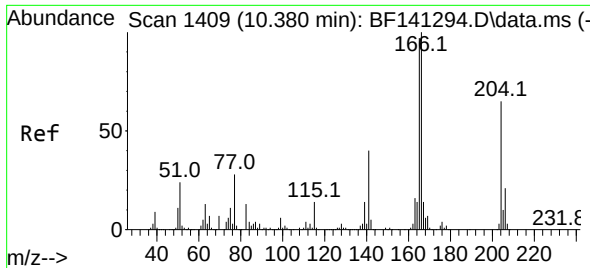
Tgt Ion:232 Resp: 143866
Ion Ratio Lower Upper
232 100
131 46.5 36.4 54.6
130 2.6 1.9 2.9
166 29.4 24.1 36.1



#60
Diethylphthalate
Concen: 51.476 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:149 Resp: 536207
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.3 10.0 15.0

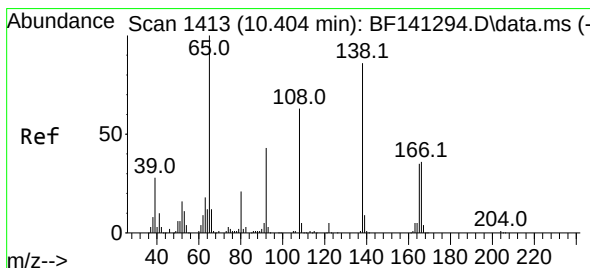
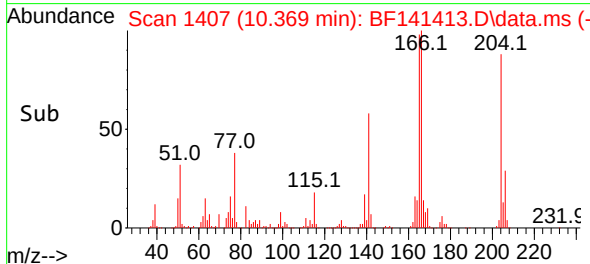
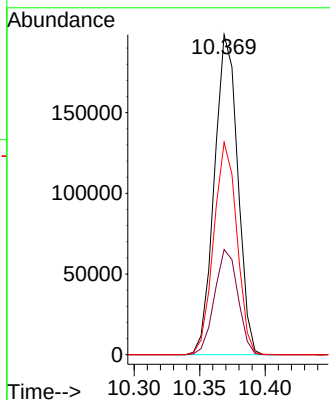
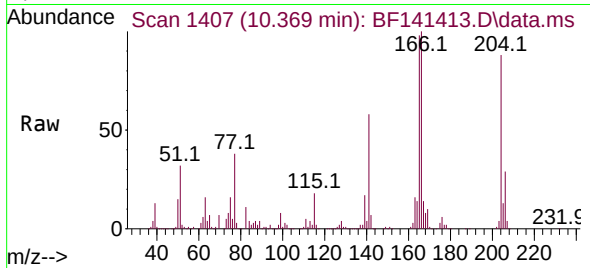




#61
4-Chlorophenyl-phenylether
Concen: 49.990 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

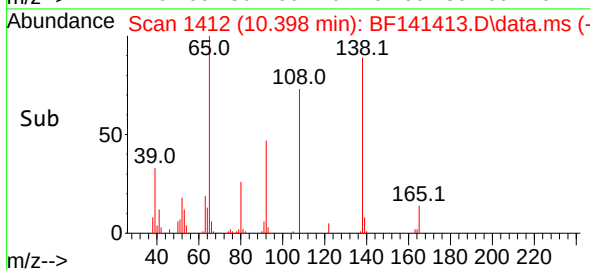
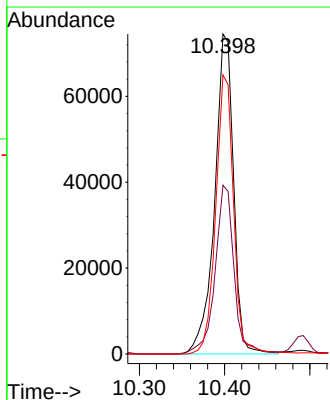
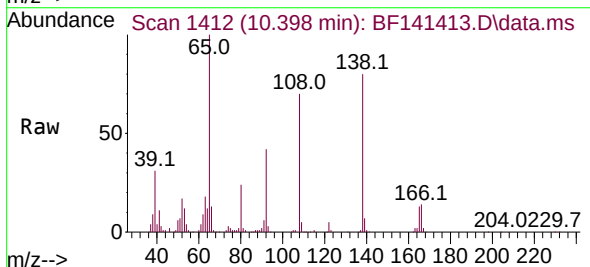
Instrument :
BNA_F
ClientSampleId :
286MS

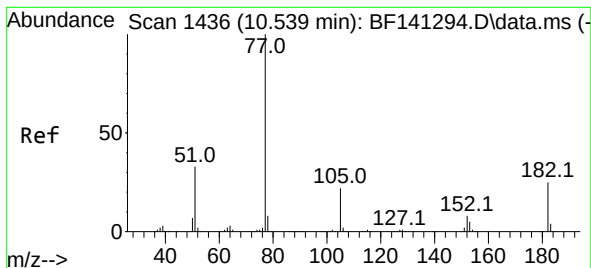
Tgt Ion:204 Resp: 245153
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 66.3 49.5 74.3



#62
4-Nitroaniline
Concen: 47.811 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:138 Resp: 114917
Ion Ratio Lower Upper
138 100
92 52.8 30.1 70.1
108 87.2 53.1 93.1





#63

Azobenzene

Concen: 48.776 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

Tgt Ion: 77 Resp: 508576

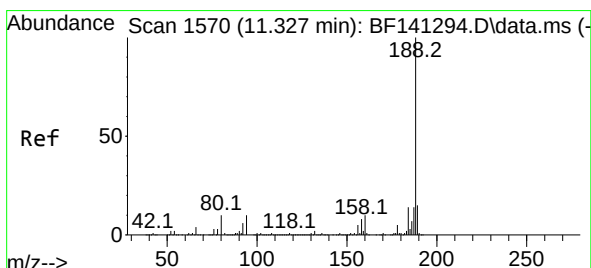
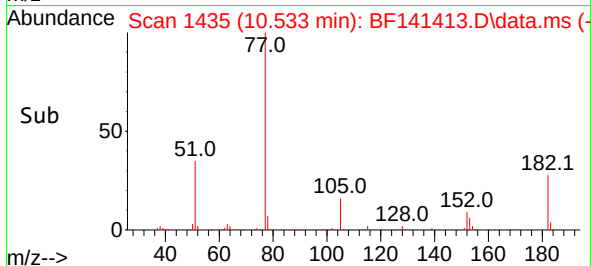
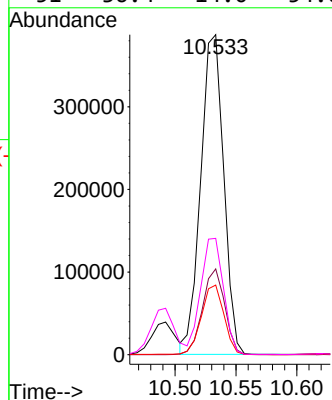
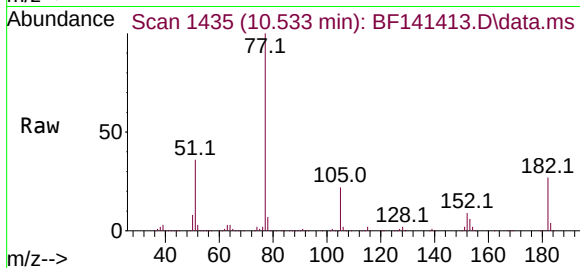
Ion Ratio Lower Upper

77 100

182 26.8 5.1 45.1

105 21.7 1.8 41.8

51 36.4 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

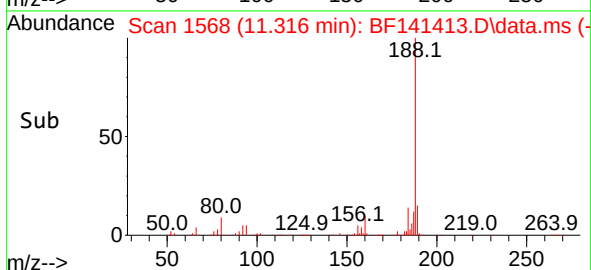
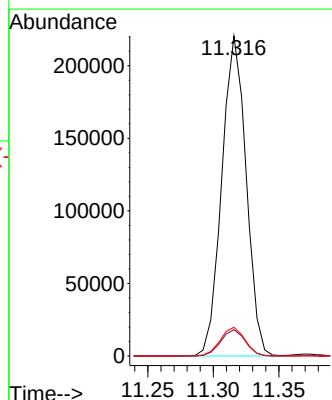
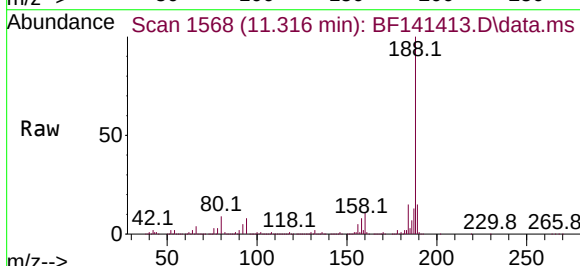
Tgt Ion:188 Resp: 284462

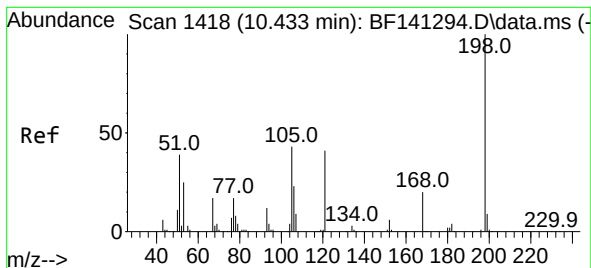
Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

80 8.9 8.2 12.4

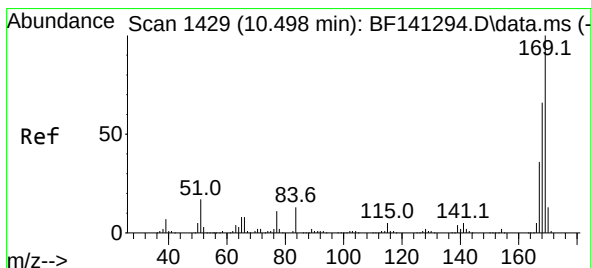
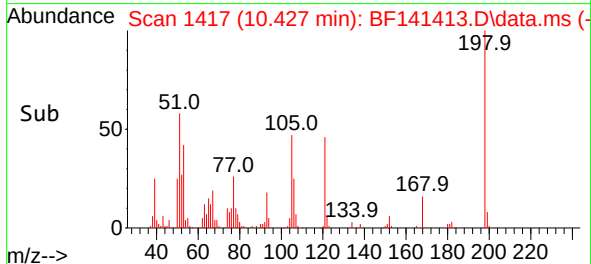
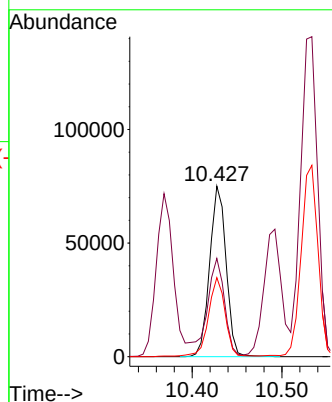
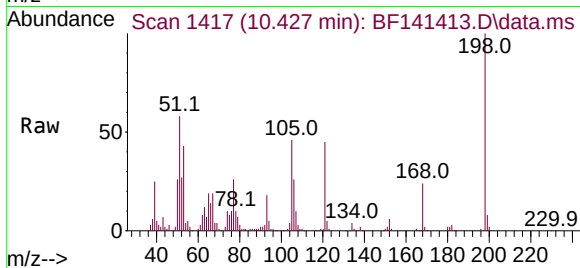




#65
4,6-Dinitro-2-methylphenol
Concen: 56.741 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

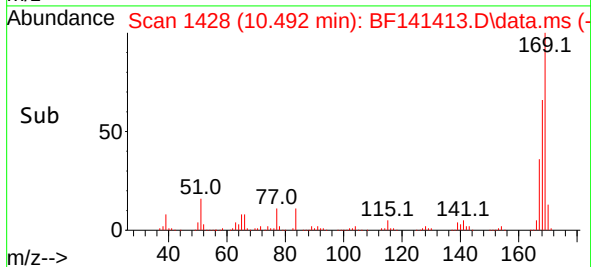
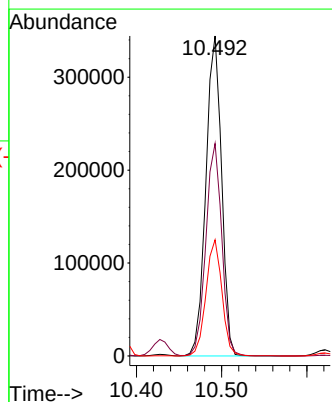
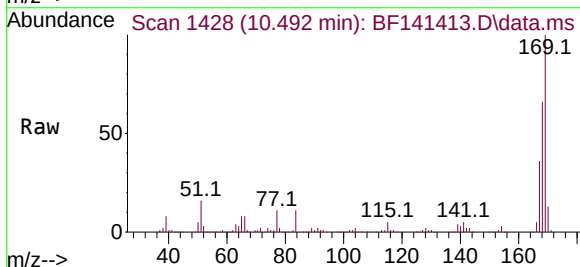
Instrument :
BNA_F
ClientSampleId :
286MS

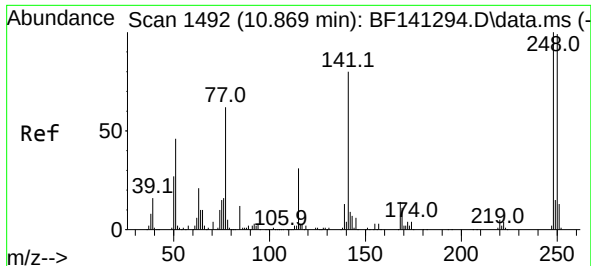
Tgt Ion:198 Resp: 95472
Ion Ratio Lower Upper
198 100
51 57.5 33.4 73.4
105 46.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.933 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:169 Resp: 441006
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 36.3 28.8 43.2

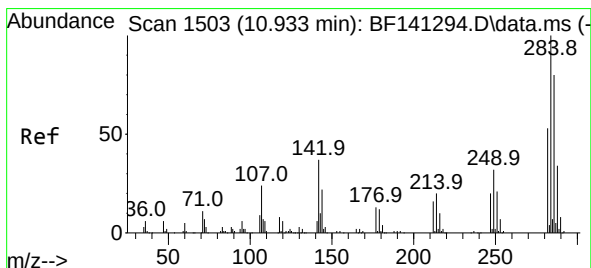
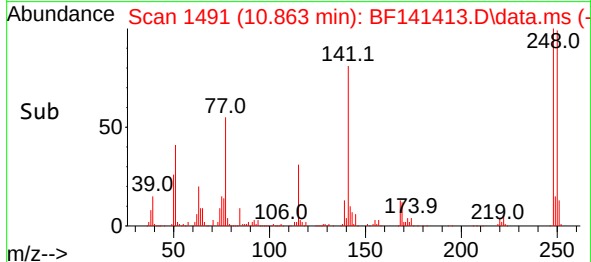
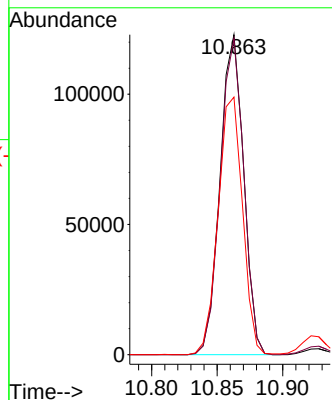
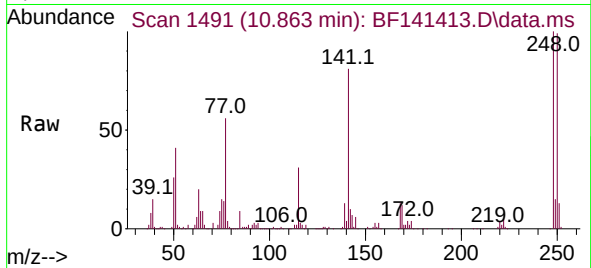




#67
4-Bromophenyl-phenylether
Concen: 48.237 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

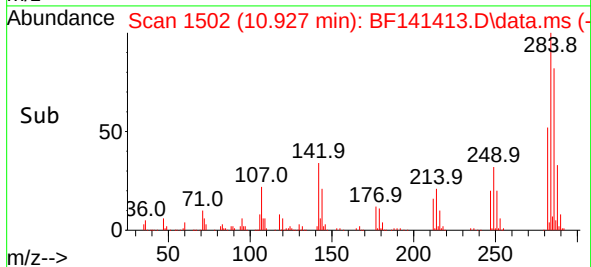
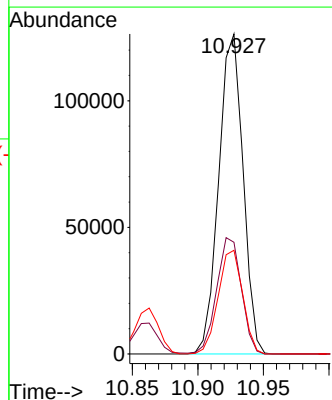
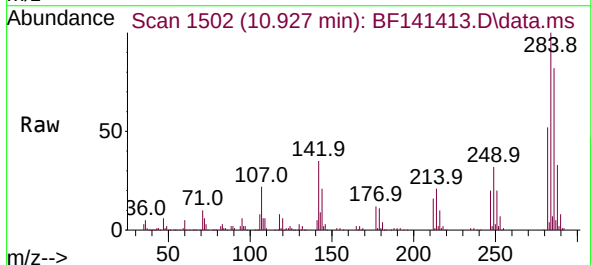
Instrument :
BNA_F
ClientSampleId :
286MS

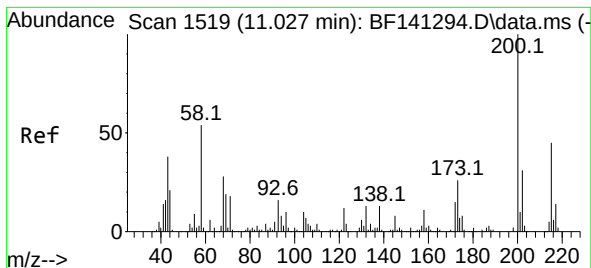
Tgt Ion:248 Resp: 153618
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 80.5 63.7 95.5



#68
Hexachlorobenzene
Concen: 48.172 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:284 Resp: 162730
Ion Ratio Lower Upper
284 100
142 34.9 29.5 44.3
249 32.4 25.4 38.2





#69

Atrazine

Concen: 45.590 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

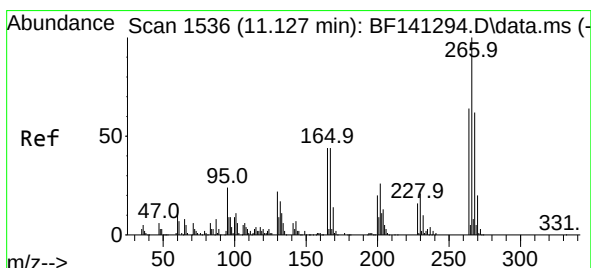
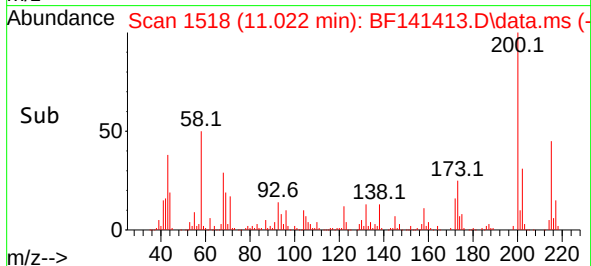
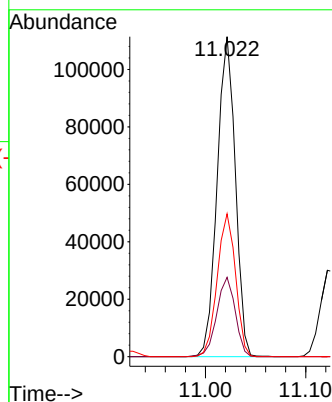
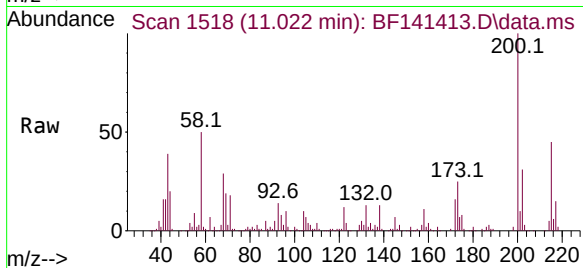
Tgt Ion:200 Resp: 140244

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 44.7 25.2 65.2



#70

Pentachlorophenol

Concen: 114.184 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

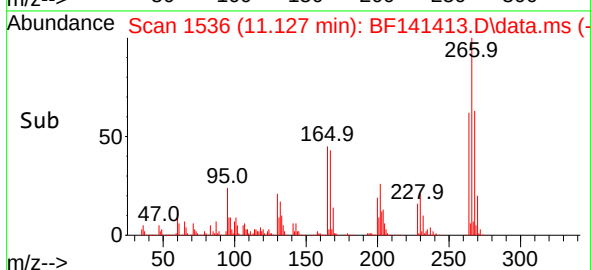
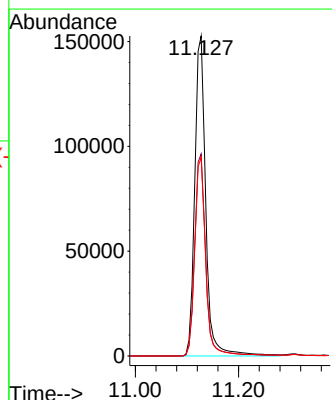
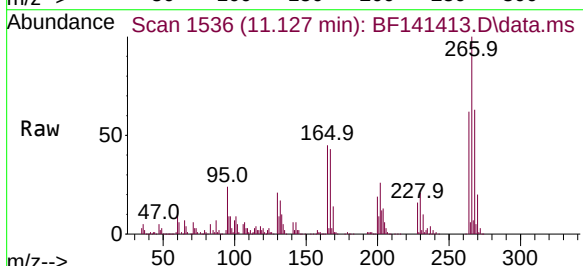
Tgt Ion:266 Resp: 225875

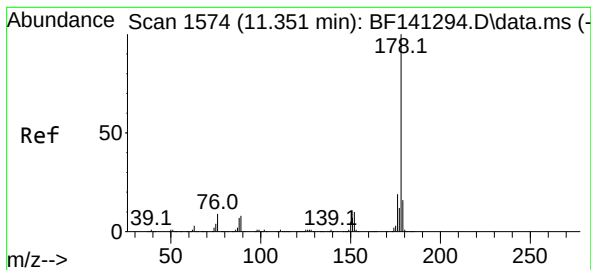
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 62.0 51.0 76.4





#71

Phenanthrene

Concen: 51.066 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

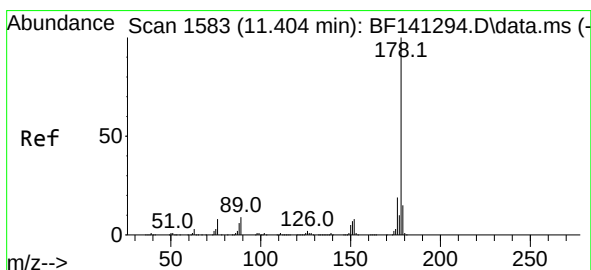
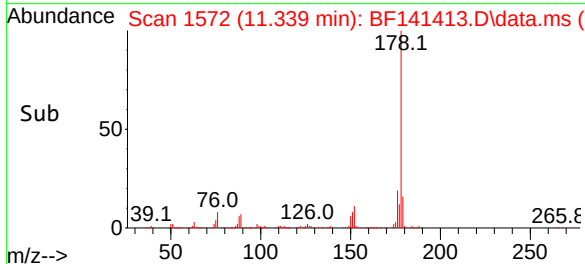
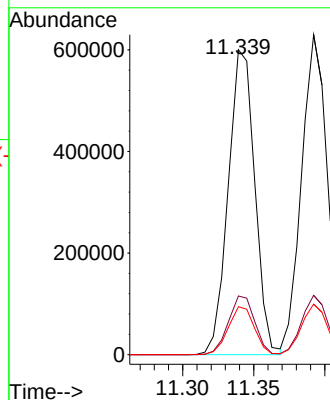
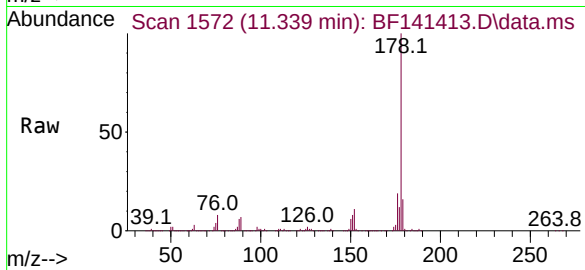
Tgt Ion:178 Resp: 780848

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 52.824 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

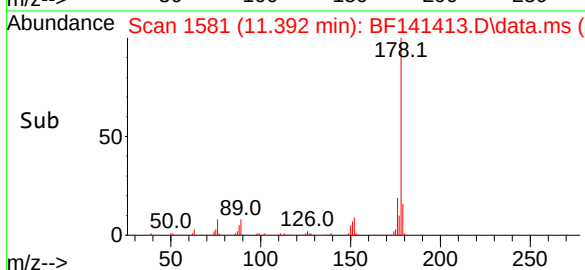
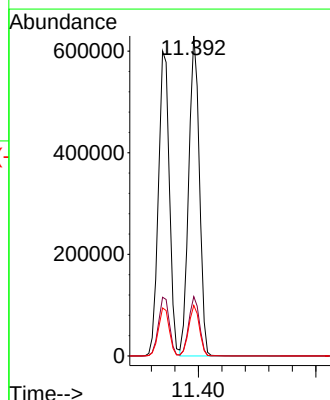
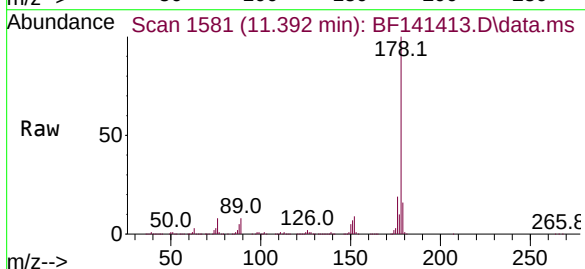
Tgt Ion:178 Resp: 791437

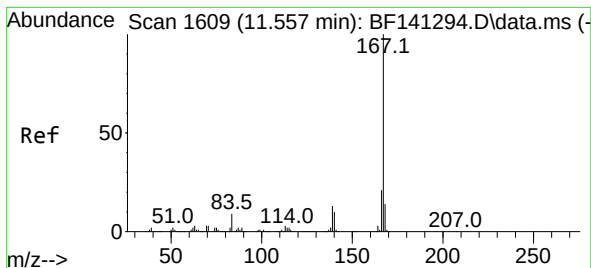
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.8 12.3 18.5





#73

Carbazole

Concen: 53.507 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

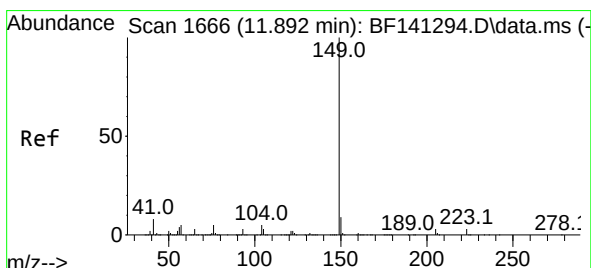
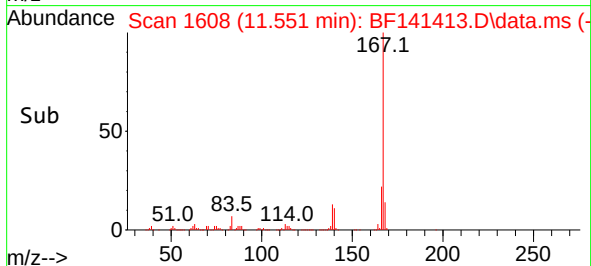
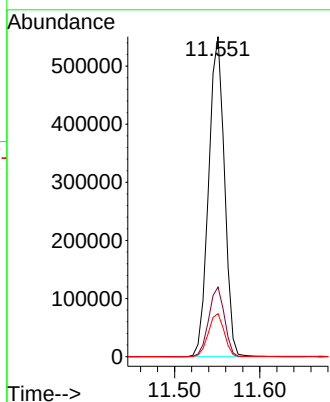
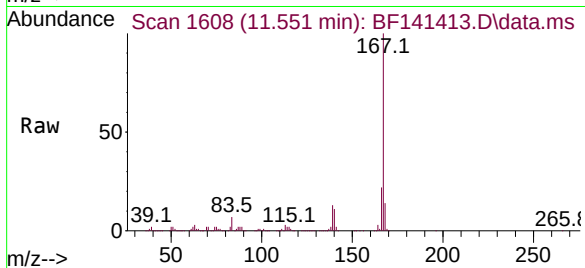
Tgt Ion:167 Resp: 710857

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.243 ng

RT: 11.880 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

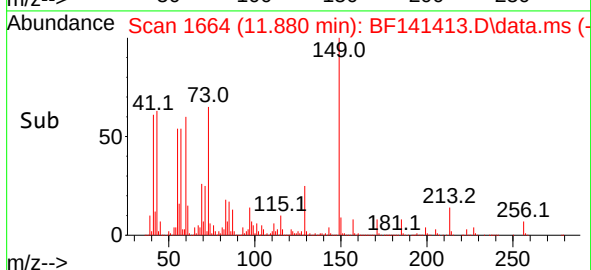
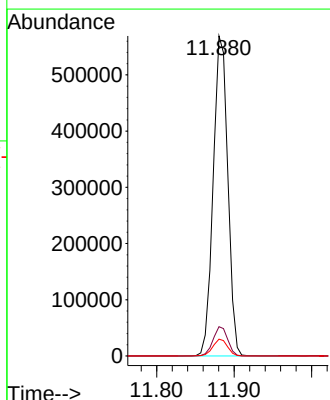
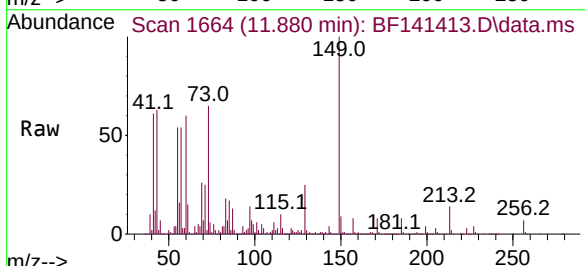
Tgt Ion:149 Resp: 744519

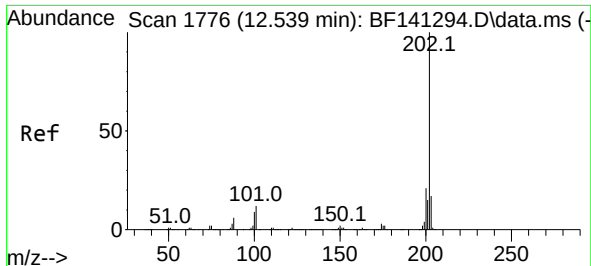
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 3.9 5.9

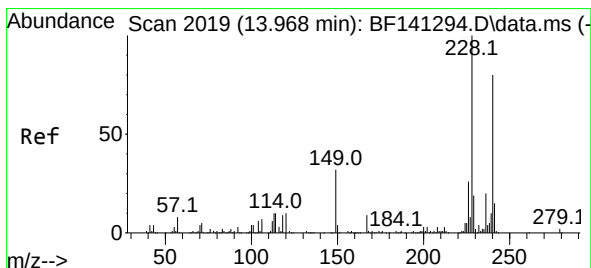
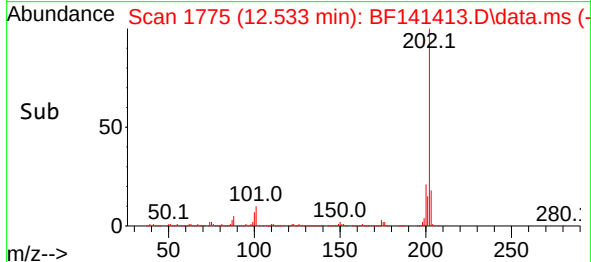
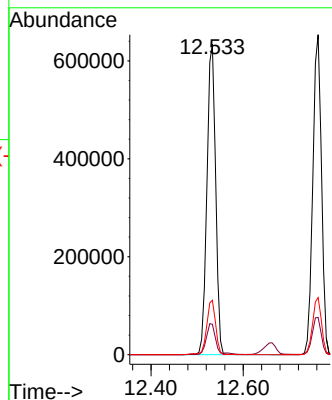
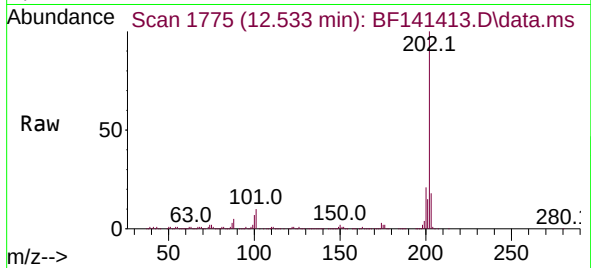




#75
Fluoranthene
Concen: 55.631 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

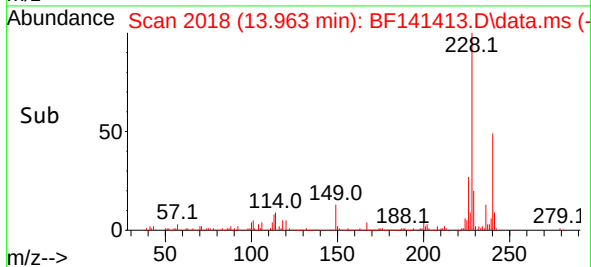
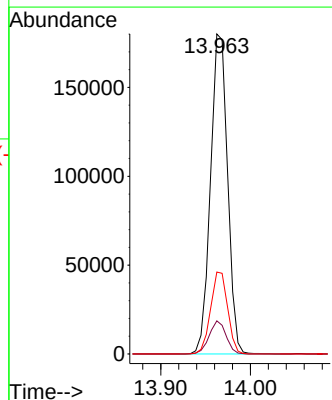
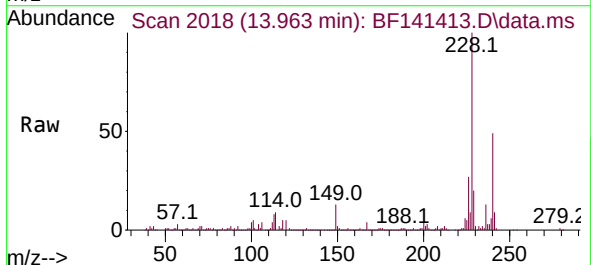
Instrument :
BNA_F
ClientSampleId :
286MS

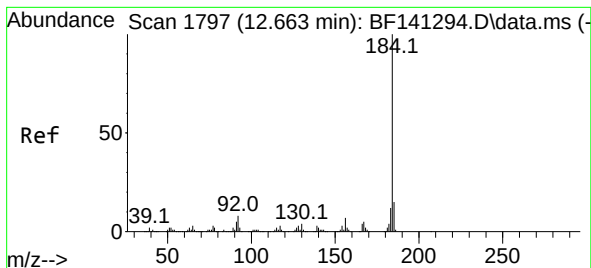
Tgt Ion:202 Resp: 839924
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:240 Resp: 237860
Ion Ratio Lower Upper
240 100
120 10.3 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 4.232 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

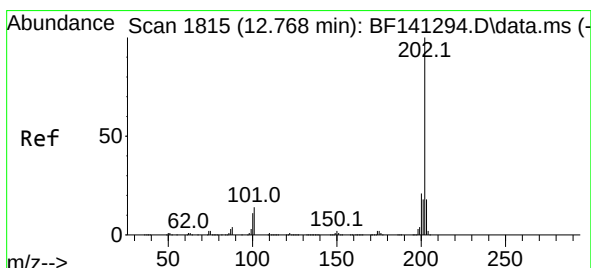
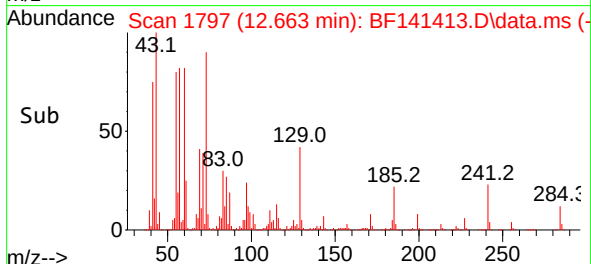
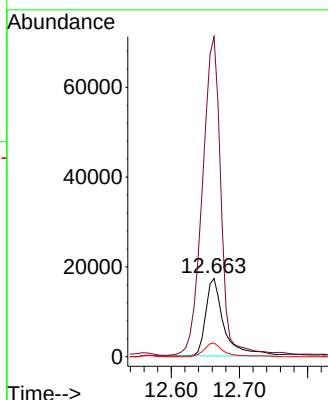
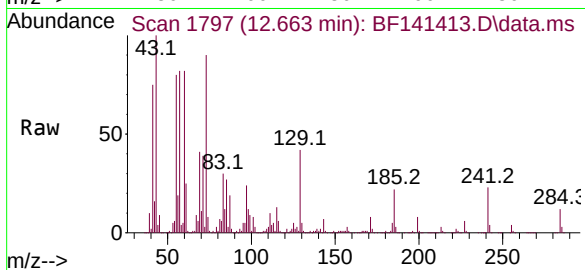
Tgt Ion:184 Resp: 32273

Ion Ratio Lower Upper

184 100

185 408.7 11.9 17.9#

183 17.4 9.5 14.3#



#78

Pyrene

Concen: 37.366 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

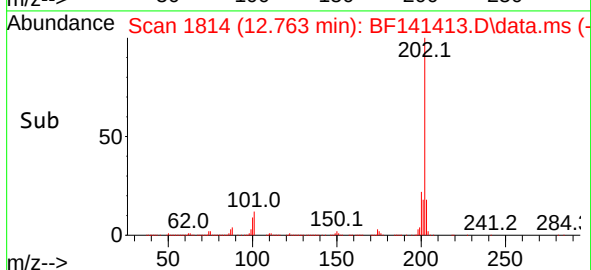
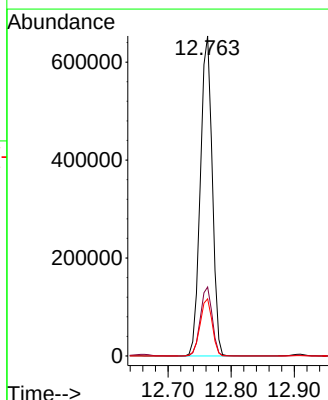
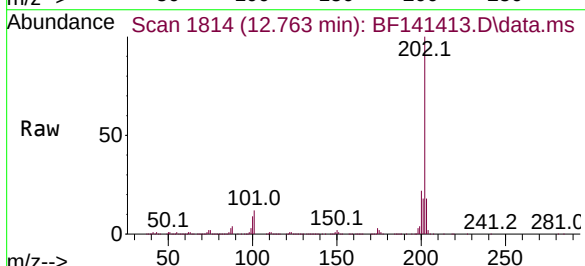
Tgt Ion:202 Resp: 853152

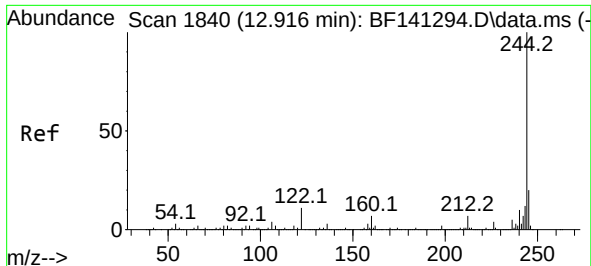
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.9 14.3 21.5

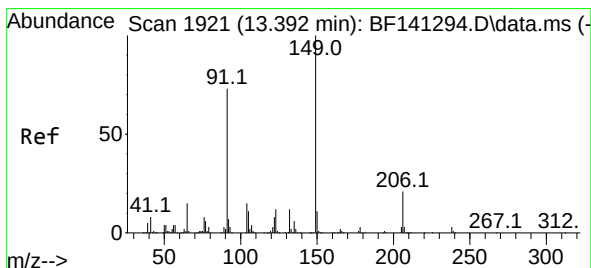
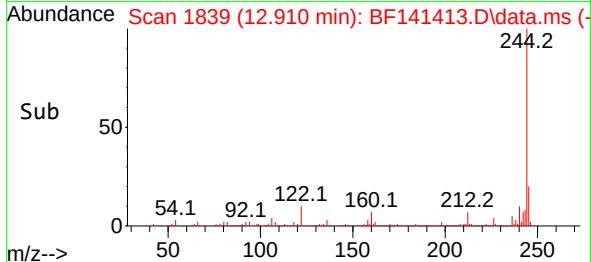
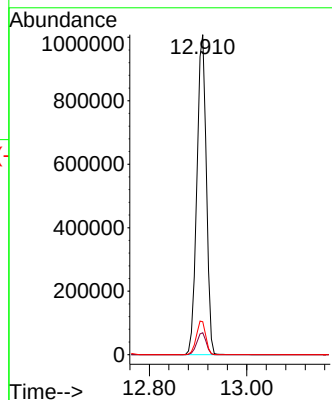
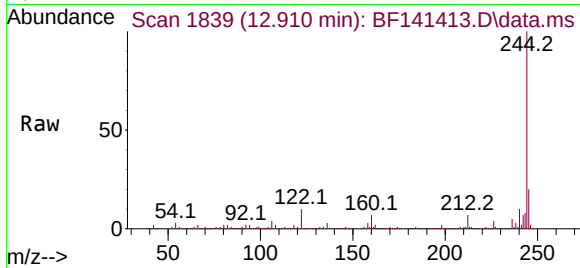




#79
 Terphenyl-d14
 Concen: 88.532 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

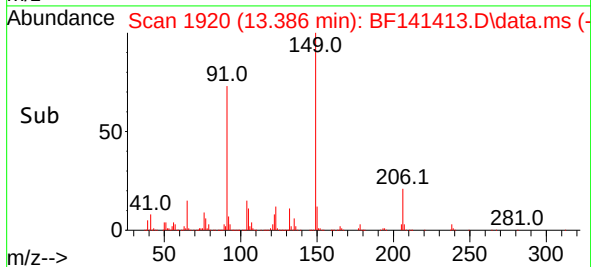
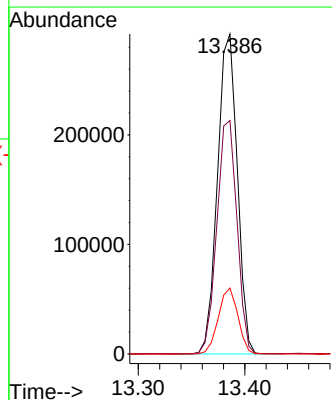
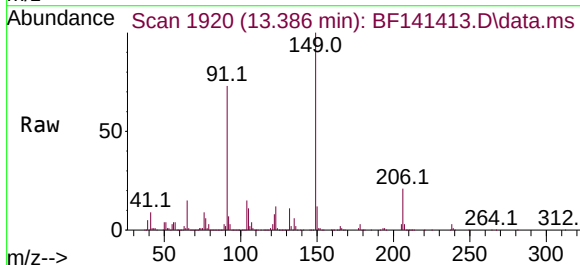
Instrument :
 BNA_F
 ClientSampleId :
 286MS

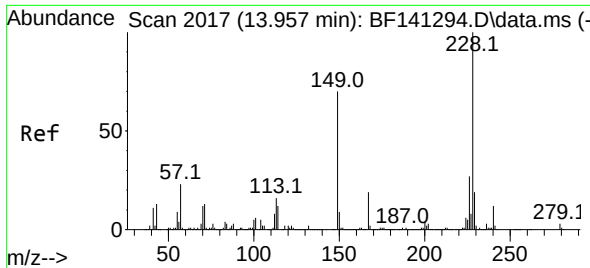
Tgt Ion:244 Resp: 1365477
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 47.357 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

Tgt Ion:149 Resp: 377748
 Ion Ratio Lower Upper
 149 100
 91 73.0 58.6 87.8
 206 20.6 16.7 25.1

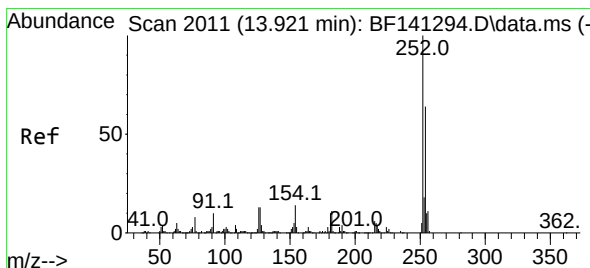
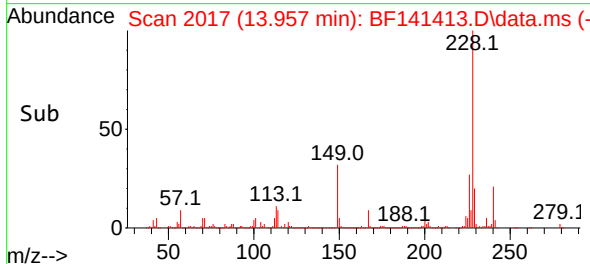
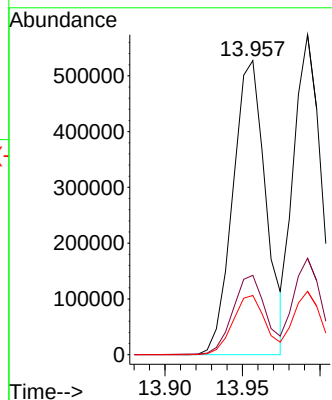
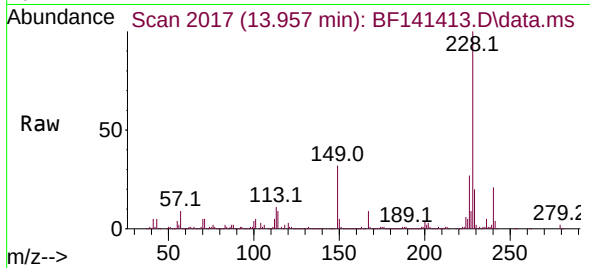




#81
Benzo(a)anthracene
Concen: 47.585 ng
RT: 13.957 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

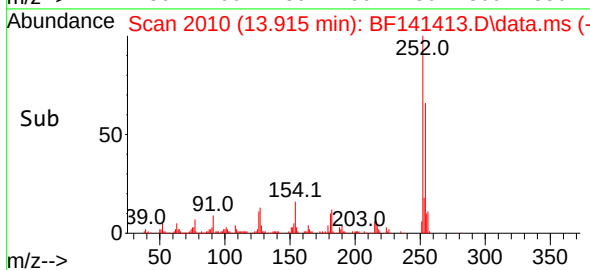
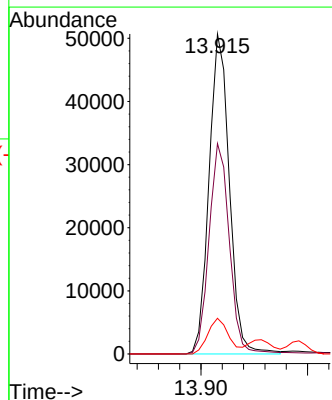
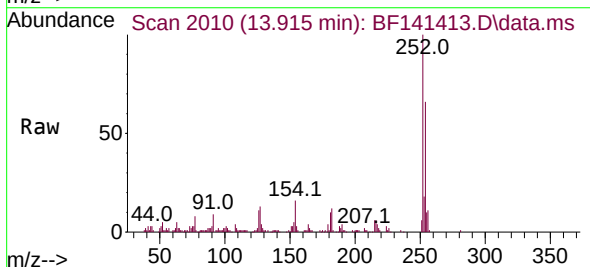
Instrument :
BNA_F
ClientSampleId :
286MS

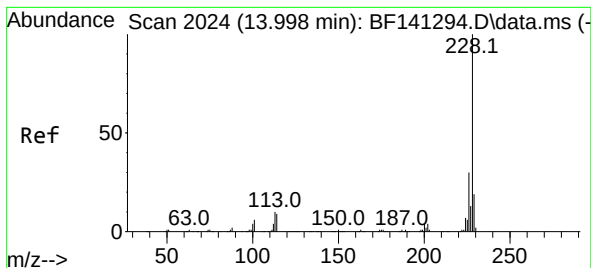
Tgt Ion:228 Resp: 781041
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 12.855 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:252 Resp: 67109
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 11.2 10.0 15.0





#83

Chrysene

Concen: 46.581 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

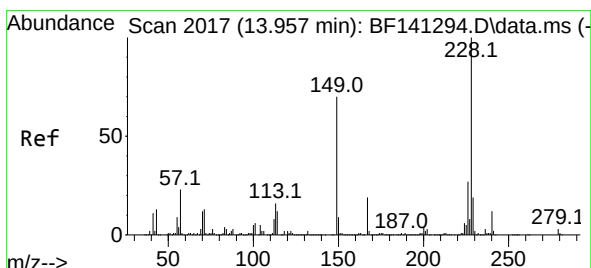
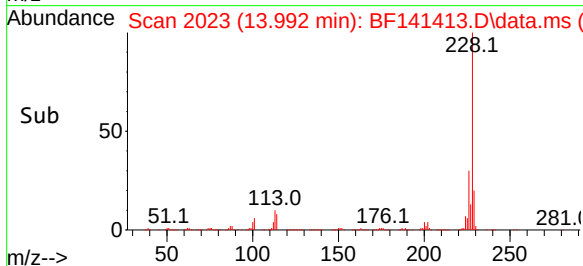
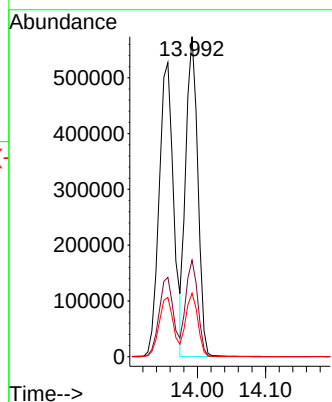
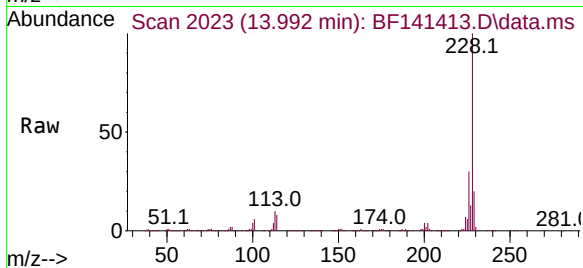
Tgt Ion:228 Resp: 700708

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.896 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

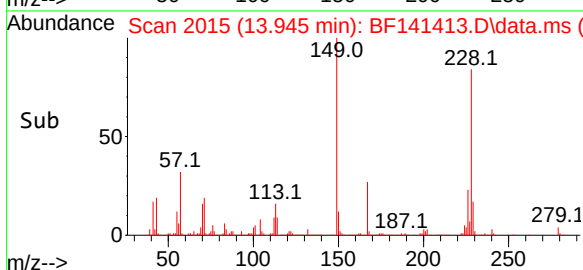
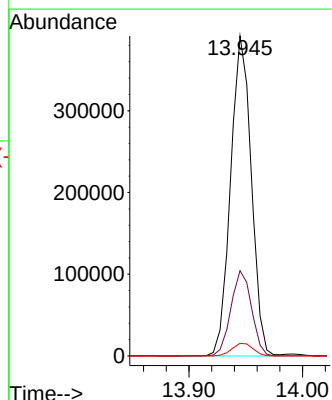
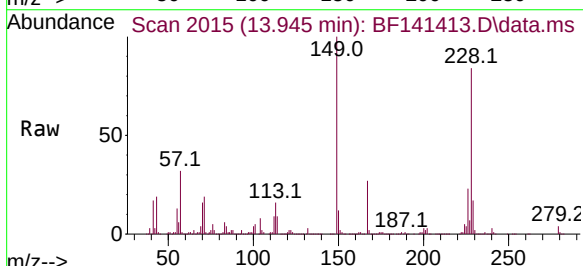
Tgt Ion:149 Resp: 494764

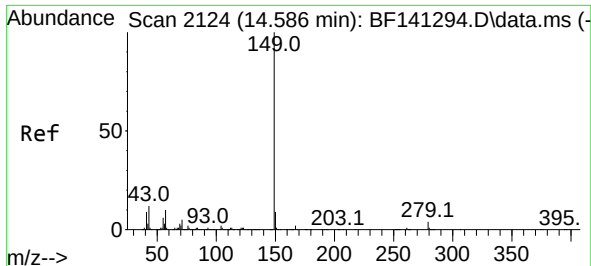
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.9 3.3 4.9

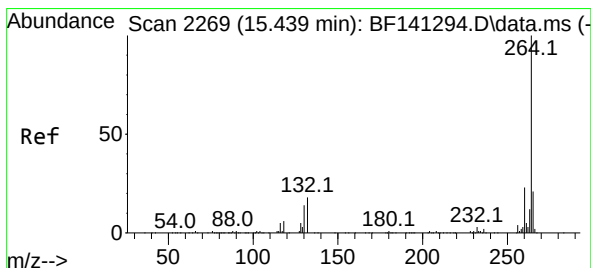
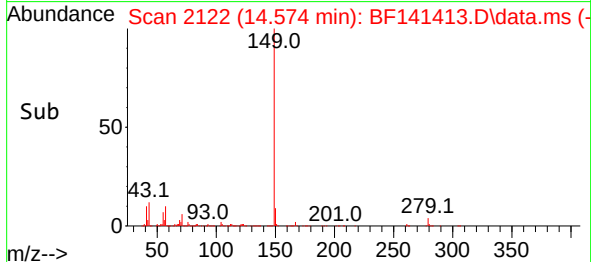
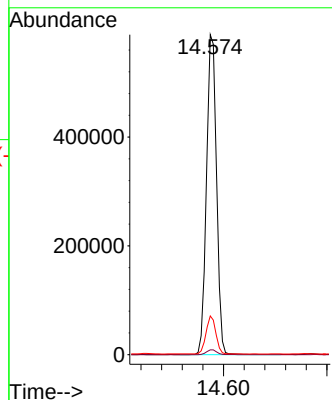
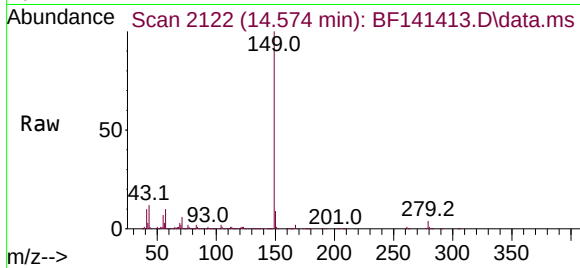




#85
Di-n-octyl phthalate
Concen: 50.343 ng
RT: 14.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

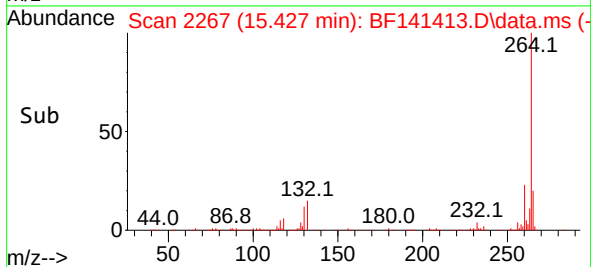
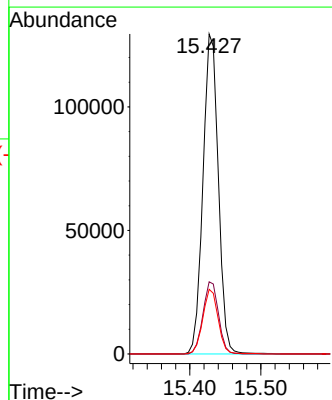
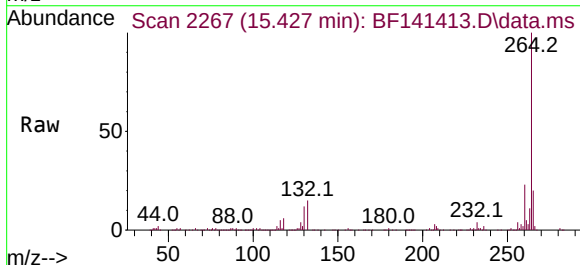
Instrument :
BNA_F
ClientSampleId :
286MS

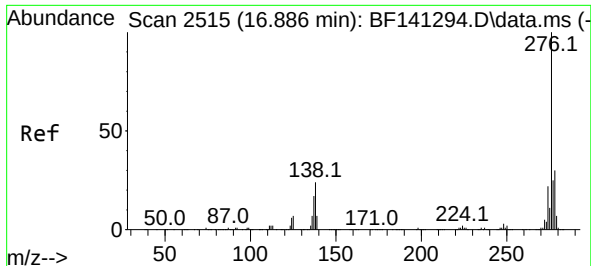
Tgt Ion:149 Resp: 791205
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:264 Resp: 195020
Ion Ratio Lower Upper
264 100
260 22.6 18.6 27.8
265 20.2 16.7 25.1

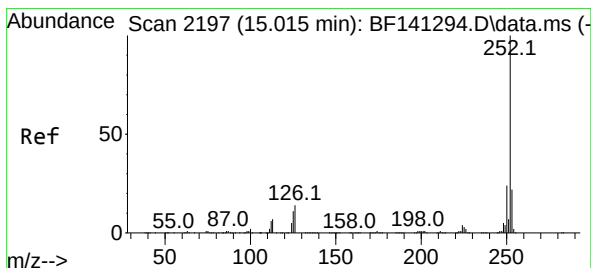
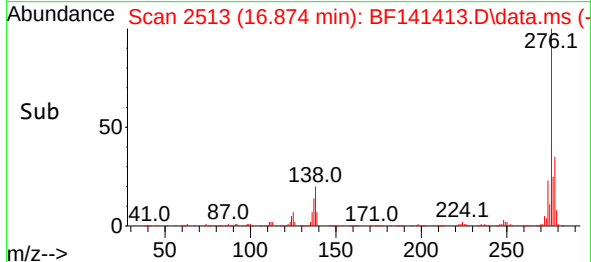
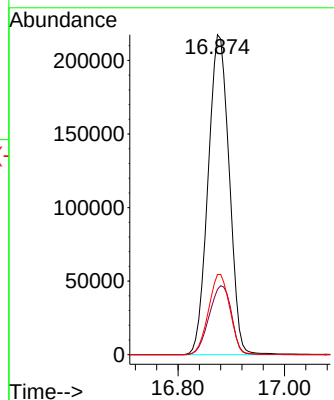
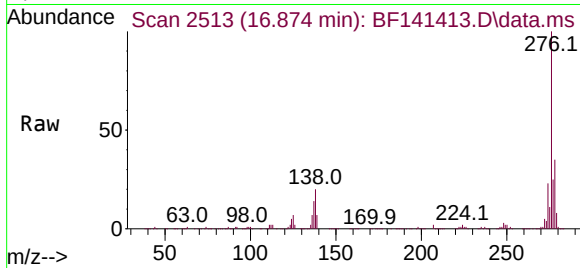




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.398 ng
 RT: 16.874 min Scan# 2119
 Delta R.T. -0.024 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

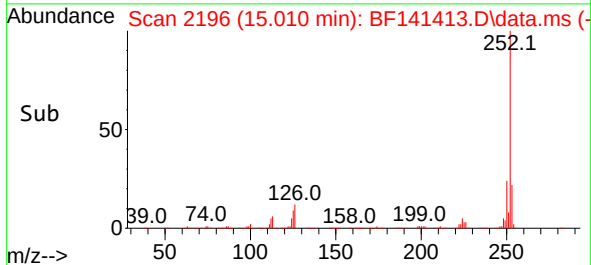
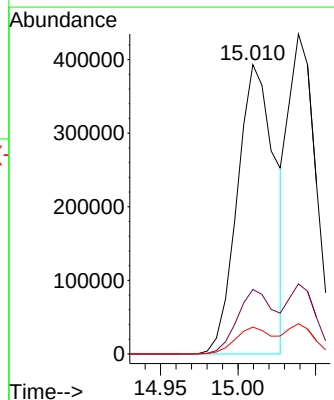
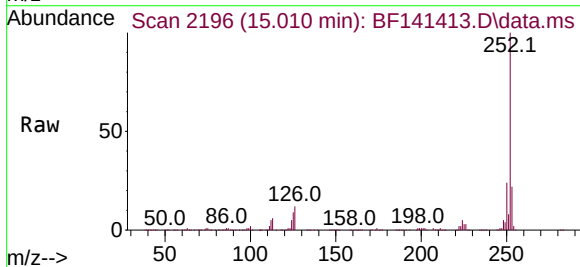
Instrument :
 BNA_F
 ClientSampleId :
 286MS

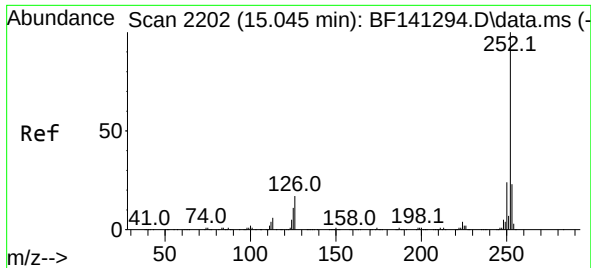
Tgt Ion:276 Resp: 596608
 Ion Ratio Lower Upper
 276 100
 138 22.8 21.7 32.5
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 54.028 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

Tgt Ion:252 Resp: 662771
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.2
 125 9.3 8.6 12.8

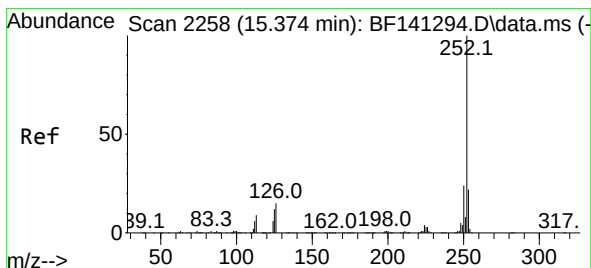
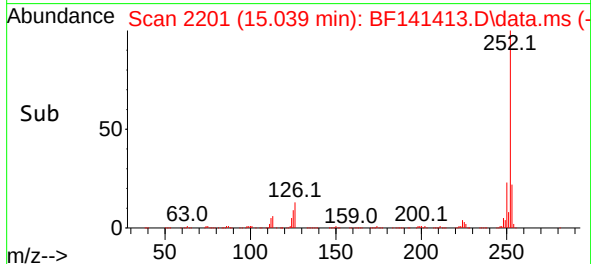
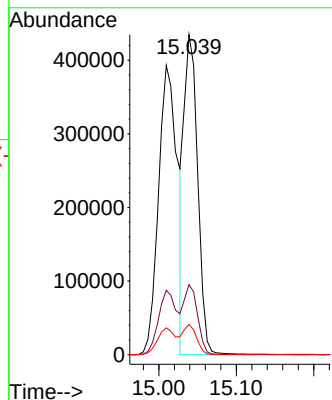
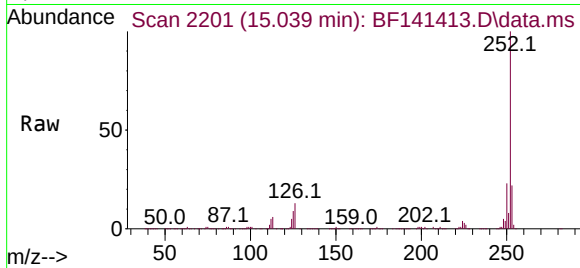




#89
Benzo(k)fluoranthene
Concen: 49.235 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

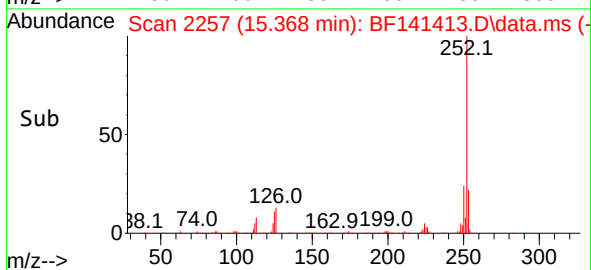
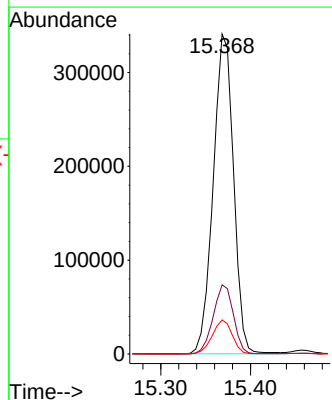
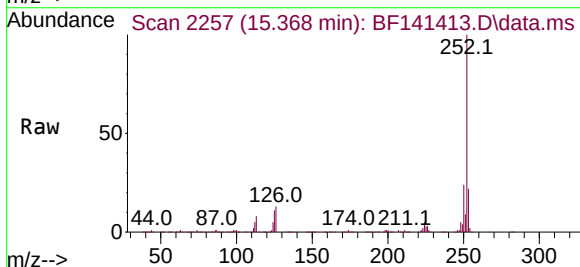
Instrument :
BNA_F
ClientSampleId :
286MS

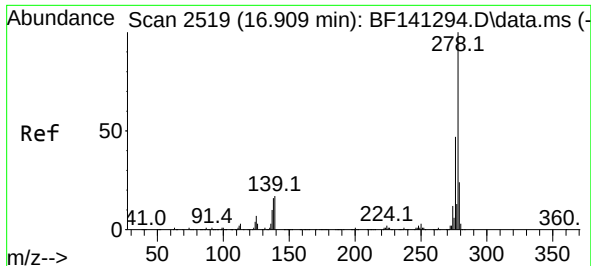
Tgt Ion:252 Resp: 535050
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.748 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:252 Resp: 536439
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.7 9.4 14.2

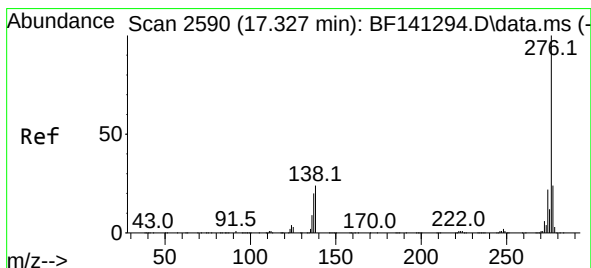
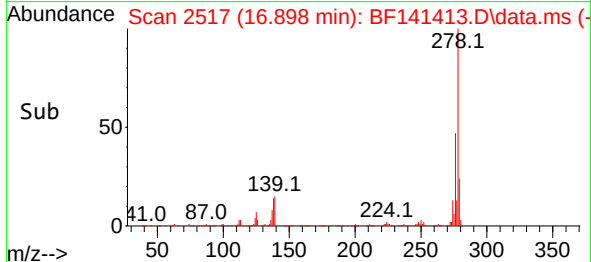
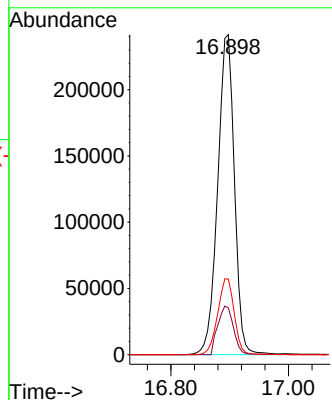
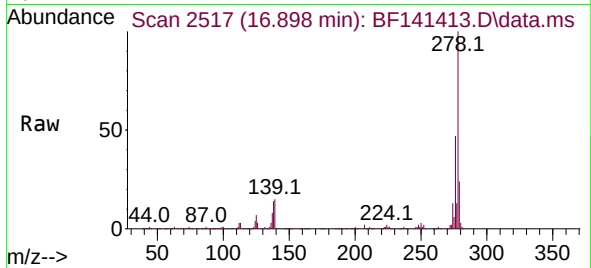




#91
Dibenzo(a,h)anthracene
Concen: 47.252 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion:278 Resp: 478509
Ion Ratio Lower Upper
278 100
139 14.6 13.9 20.9
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.551 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:276 Resp: 469111
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 19.2 19.0 28.4

