

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143287.D
 Acq On : 01 Aug 2025 17:30
 Operator : RC/JU
 Sample : Q2728-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MSD

Quant Time: Aug 01 18:14:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	126654	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	479340	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	245654	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	383126	20.000	ng	0.00
76) Chrysene-d12	14.127	240	239456	20.000	ng	0.00
86) Perylene-d12	15.627	264	269154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	864632	108.030	ng	0.02
7) Phenol-d6	6.592	99	1041846	103.419	ng	0.00
23) Nitrobenzene-d5	7.522	82	778412	80.948	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	327135	128.908	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1384201	77.062	ng	0.00
79) Terphenyl-d14	13.068	244	1252080	77.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	125667	33.183	ng	# 82
3) Pyridine	3.693	79	283034	28.794	ng	98
4) n-Nitrosodimethylamine	3.622	42	190332	37.503	ng	97
6) Aniline	6.622	93	213183	15.184	ng	# 88
8) 2-Chlorophenol	6.751	128	335737	40.019	ng	98
9) Benzaldehyde	6.510	77	96789	12.813	ng	98
10) Phenol	6.604	94	397666	36.235	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	334883	39.853	ng	100
12) 1,3-Dichlorobenzene	6.904	146	320939	35.216	ng	99
13) 1,4-Dichlorobenzene	6.981	146	326727	35.599	ng	100
14) 1,2-Dichlorobenzene	7.134	146	318891	36.531	ng	98
15) Benzyl Alcohol	7.098	79	313999	40.821	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	599434	38.456	ng	97
17) 2-Methylphenol	7.210	107	287467	40.752	ng	100
18) Hexachloroethane	7.475	117	115244	36.272	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	255914	39.596	ng	100
20) 3+4-Methylphenols	7.363	107	350375	40.939	ng	# 73
22) Acetophenone	7.363	105	455361	40.125	ng	96
24) Nitrobenzene	7.539	77	374823	41.808	ng	99
25) Isophorone	7.775	82	712821	41.991	ng	100
26) 2-Nitrophenol	7.857	139	182857	46.996	ng	97
27) 2,4-Dimethylphenol	7.886	122	332426	41.914	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	431371	42.382	ng	99
29) 2,4-Dichlorophenol	8.098	162	289955	43.350	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	285293	39.481	ng	100
31) Naphthalene	8.263	128	958775	40.614	ng	99
32) Benzoic acid	7.998	122	211549	47.421	ng	99
33) 4-Chloroaniline	8.304	127	91617	9.505	ng	99
34) Hexachlorobutadiene	8.386	225	168648	38.206	ng	99
35) Caprolactam	8.669	113	64343	31.834	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	318372	43.793	ng	98
37) 2-Methylnaphthalene	8.951	142	605222	42.131	ng	99
38) 1-Methylnaphthalene	9.051	142	627651	42.430	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	293738	41.416	ng	99
41) Hexachlorocyclopentadiene	9.110	237	330492	71.616	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	208767	42.532	ng	99

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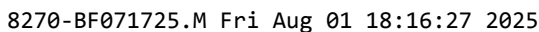
Instrument :
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Quant Time: Aug 01 18:14:07 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	223876	45.596	ng	99
46) 1,1'-Biphenyl	9.416	154	829967	43.304	ng	99
47) 2-Chloronaphthalene	9.445	162	604513	42.627	ng	99
48) 2-Nitroaniline	9.533	65	213435	47.993	ng	99
49) Acenaphthylene	9.863	152	1030952	43.380	ng	100
50) Dimethylphthalate	9.716	163	727542	45.436	ng	99
51) 2,6-Dinitrotoluene	9.775	165	157553	48.368	ng	97
52) Acenaphthene	10.033	154	687323	48.931	ng	99
53) 3-Nitroaniline	9.939	138	89925	23.602	ng	99
54) 2,4-Dinitrophenol	10.051	184	171915	113.412	ng	# 1
55) Dibenzofuran	10.204	168	911170	43.691	ng	99
56) 4-Nitrophenol	10.104	139	226872	79.740	ng	97
57) 2,4-Dinitrotoluene	10.180	165	209864	51.352	ng	93
58) Fluorene	10.545	166	686563	43.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189636	46.625	ng	97
60) Diethylphthalate	10.416	149	702217	44.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	345287	44.303	ng	97
62) 4-Nitroaniline	10.557	138	147216	45.083	ng	99
63) Azobenzene	10.698	77	739013	44.802	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	107669	52.975	ng	98
66) n-Nitrosodiphenylamine	10.651	169	606661	44.968	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	208314	45.625	ng	99
68) Hexachlorobenzene	11.098	284	217629	45.603	ng	99
69) Atrazine	11.174	200	175792	47.264	ng	99
70) Pentachlorophenol	11.292	266	260016	92.648	ng	98
71) Phenanthrene	11.510	178	916699	45.063	ng	100
72) Anthracene	11.563	178	942365	45.421	ng	100
73) Carbazole	11.710	167	832188	45.935	ng	100
74) Di-n-butylphthalate	12.039	149	1000677	48.816	ng	100
75) Fluoranthene	12.698	202	895619	47.966	ng	99
77) Benzidine	12.810	184	88373	9.579	ng	99
78) Pyrene	12.927	202	893391	43.716	ng	100
80) Butylbenzylphthalate	13.539	149	345166	55.157	ng	98
81) Benzo(a)anthracene	14.115	228	731112	45.604	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	140062	26.213	ng	99
83) Chrysene	14.151	228	661847	45.917	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	470585	49.682	ng	99
85) Di-n-octyl phthalate	14.715	149	784972	45.720	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	877879	46.255	ng	100
88) Benzo(b)fluoranthene	15.186	252	705872	42.929	ng	99
89) Benzo(k)fluoranthene	15.215	252	717126	48.875	ng	99
90) Benzo(a)pyrene	15.568	252	702450	46.368	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	700666	45.357	ng	99
92) Benzo(g,h,i)perylene	17.639	276	691921	46.304	ng	99

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

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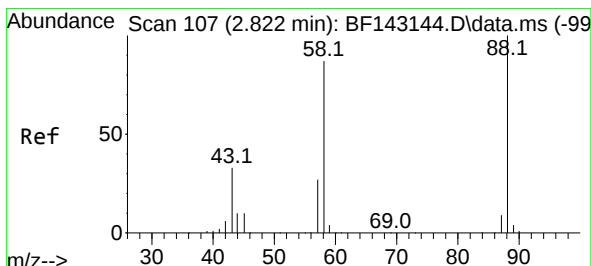
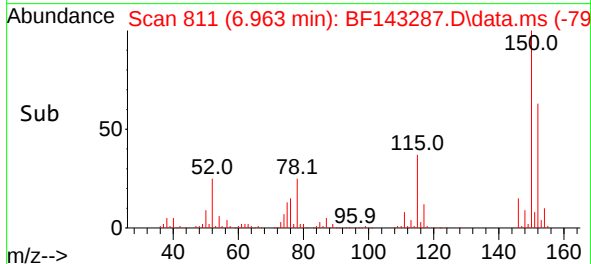
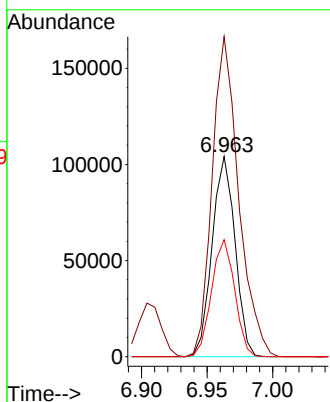
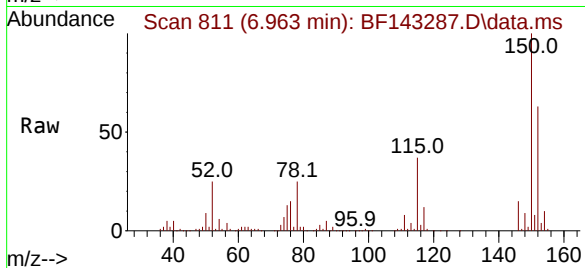




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

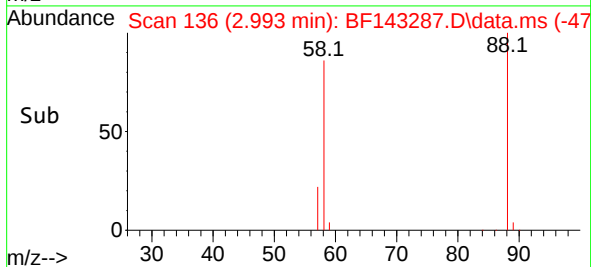
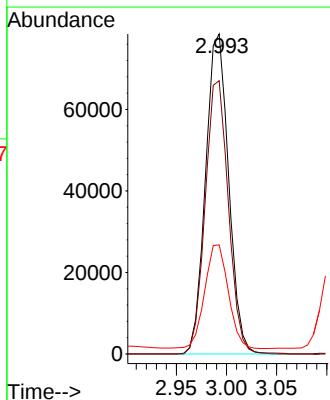
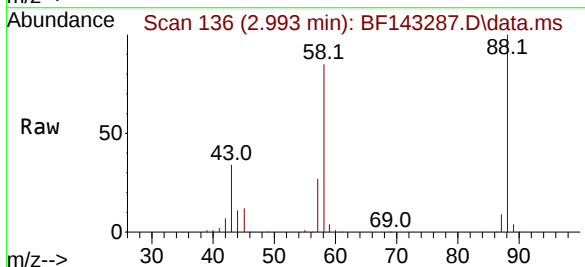
Instrument :
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7211931-VNJ240MSD

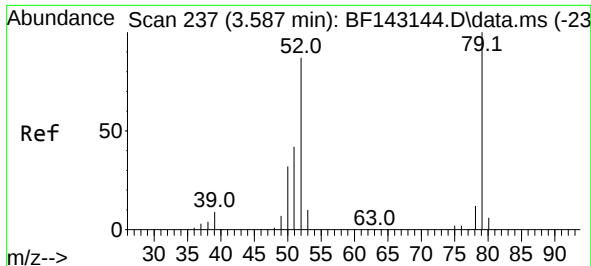
Tgt Ion:152 Resp: 126654
Ion Ratio Lower Upper
152 100
150 159.9 128.2 192.4
115 58.5 47.9 71.9



#2
1,4-Dioxane
Concen: 33.183 ng
RT: 2.993 min Scan# 136
Delta R.T. 0.171 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 88 Resp: 125667
Ion Ratio Lower Upper
88 100
58 86.1 70.2 105.2
43 0.0 27.1 40.7#

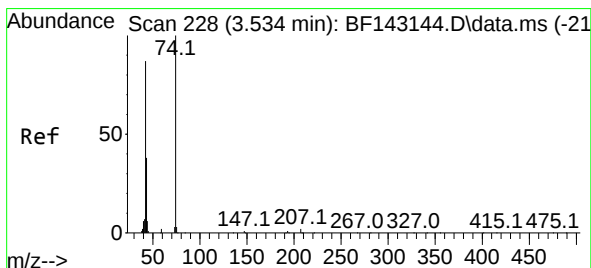
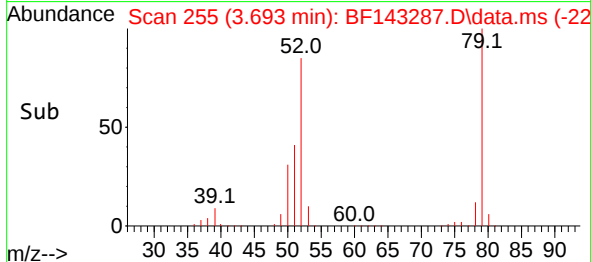
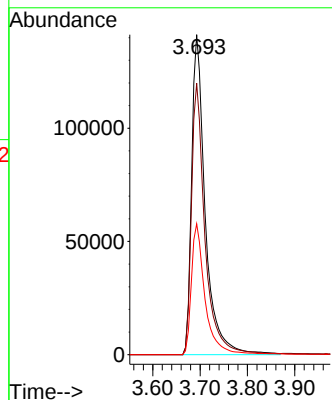
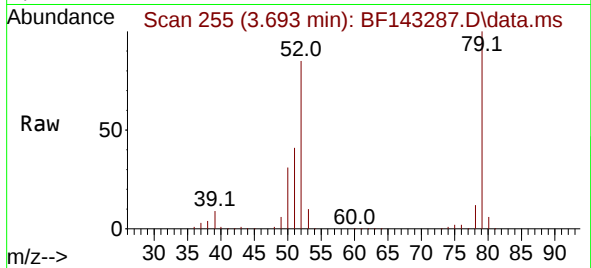




#3
Pyridine
Concen: 28.794 ng
RT: 3.693 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

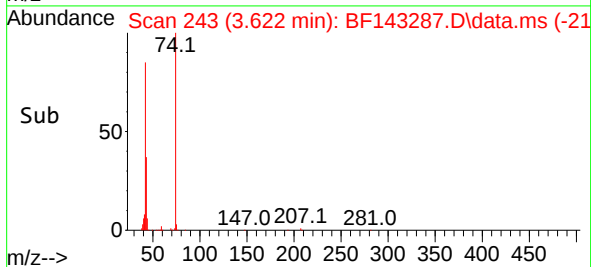
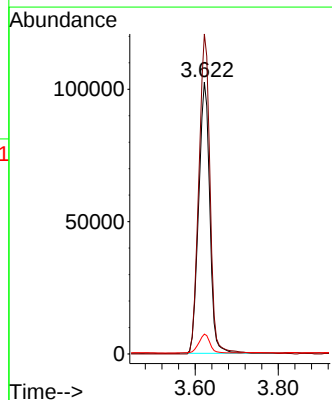
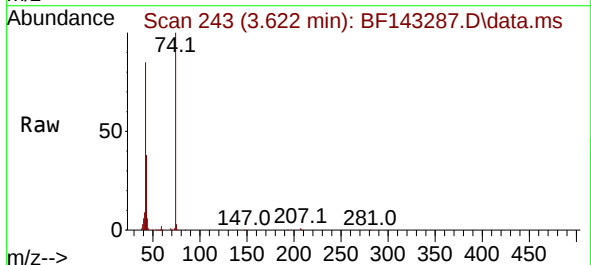
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

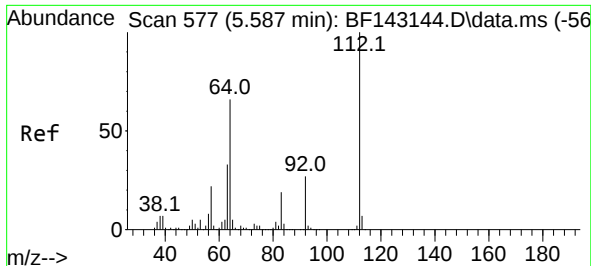
Tgt Ion: 79 Resp: 283034
Ion Ratio Lower Upper
79 100
52 84.9 69.4 104.2
51 40.9 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 37.503 ng
RT: 3.622 min Scan# 243
Delta R.T. 0.088 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 42 Resp: 190332
Ion Ratio Lower Upper
42 100
74 117.7 91.7 137.5
44 7.3 5.6 8.4

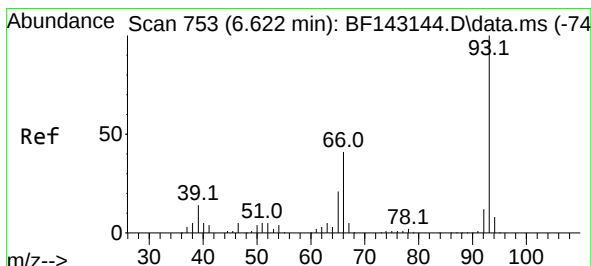
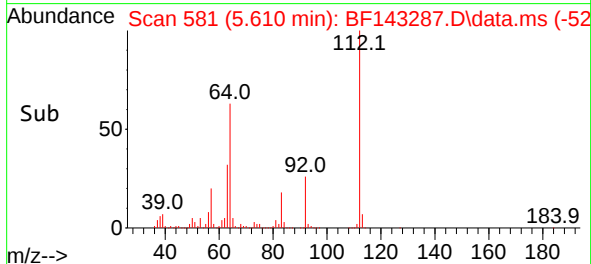
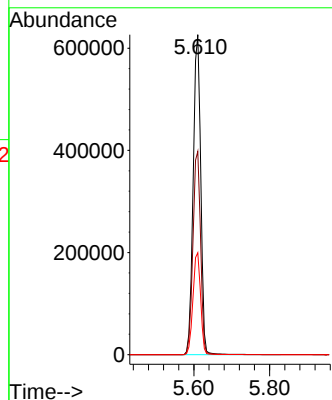
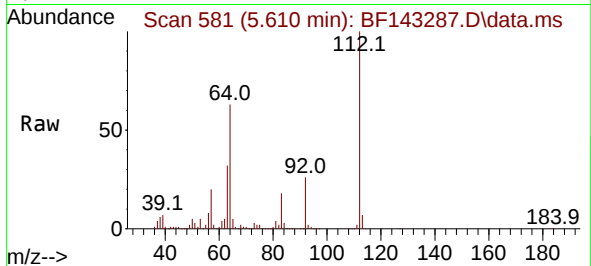




#5
2-Fluorophenol
Concen: 108.030 ng
RT: 5.610 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

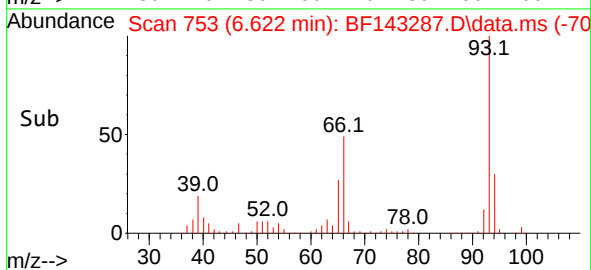
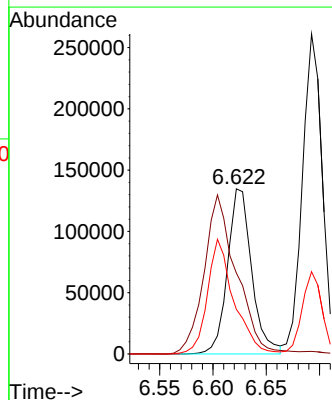
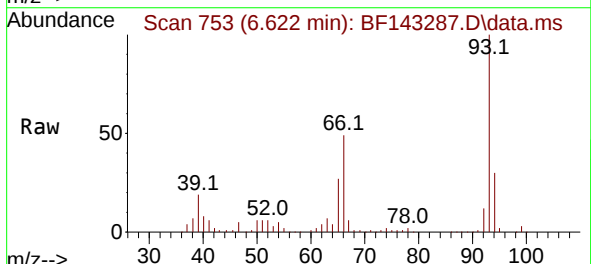
Instrument :
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ClientSampleId :
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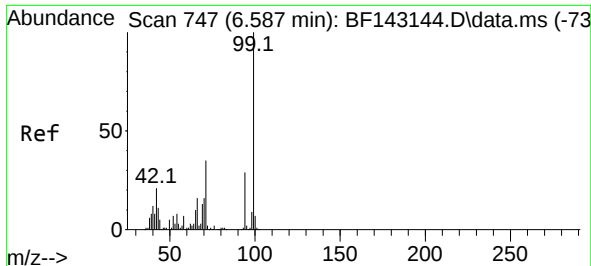
Tgt Ion:112 Resp: 864632
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 31.8 26.6 40.0



#6
Aniline
Concen: 15.184 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 93 Resp: 213183
Ion Ratio Lower Upper
93 100
66 49.0 33.2 49.8
65 27.1 16.9 25.3#

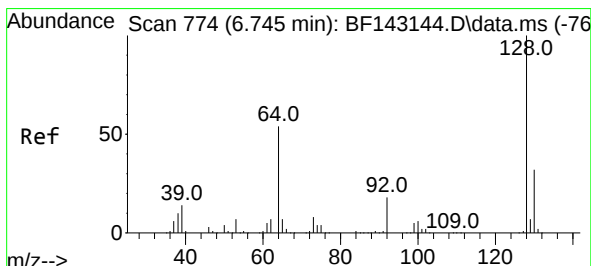
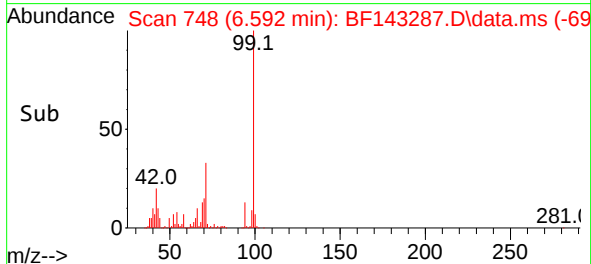
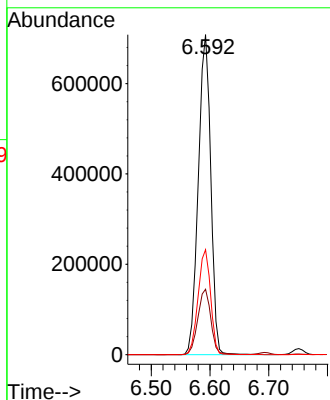
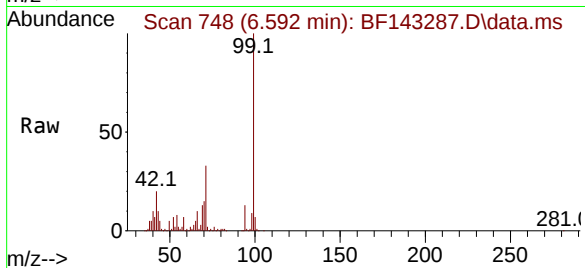




#7
Phenol-d6
Concen: 103.419 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

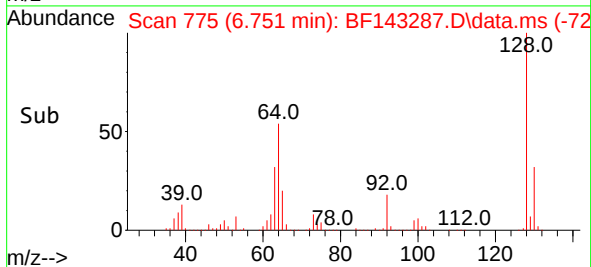
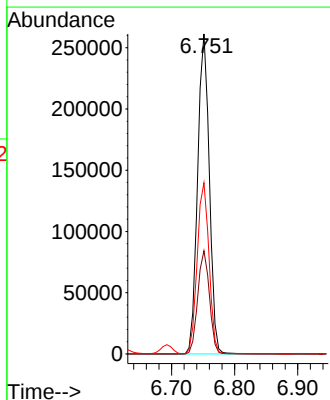
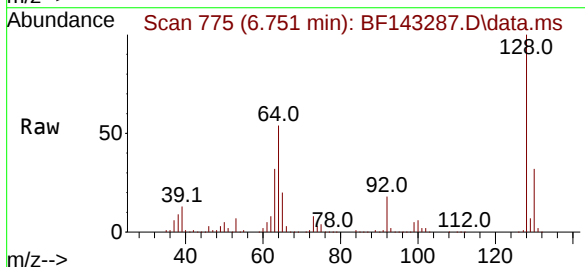
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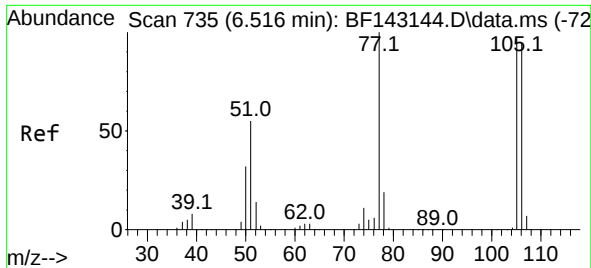
Tgt Ion: 99 Resp: 1041846
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 32.8 27.7 41.5



#8
2-Chlorophenol
Concen: 40.019 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 128 Resp: 335737
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 53.5 35.9 75.9

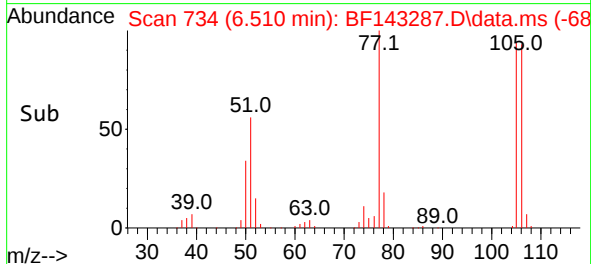
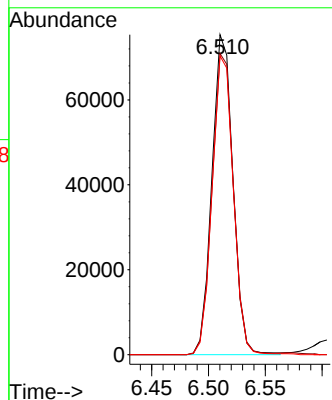
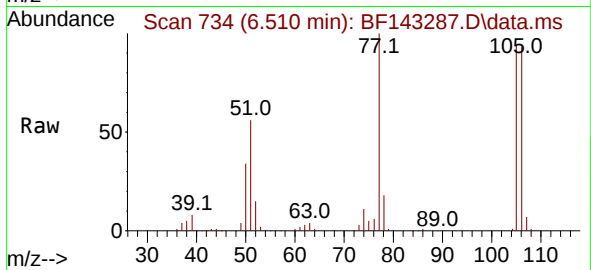




#9
Benzaldehyde
Concen: 12.813 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

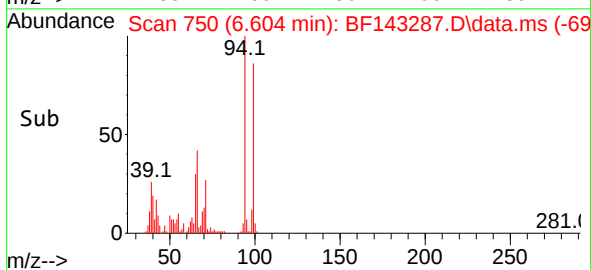
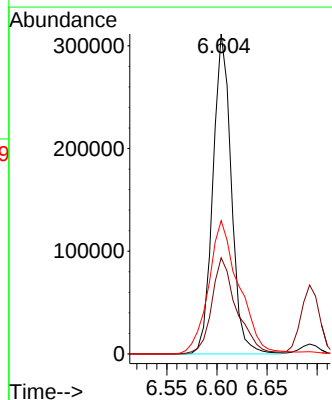
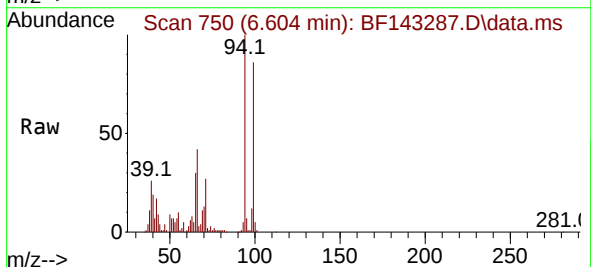
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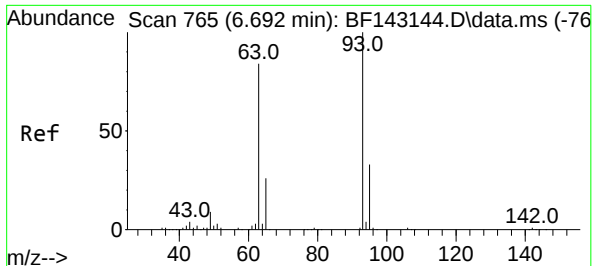
Tgt Ion: 77 Resp: 96789
Ion Ratio Lower Upper
77 100
105 94.1 76.8 116.8
106 93.3 74.4 114.4



#10
Phenol
Concen: 36.235 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 94 Resp: 397666
Ion Ratio Lower Upper
94 100
65 30.0 10.0 50.0
66 41.6 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 39.853 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

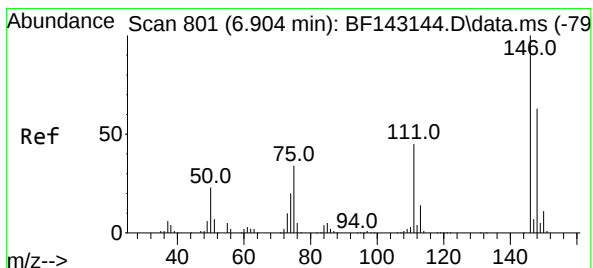
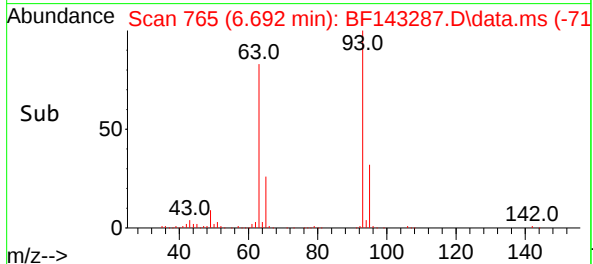
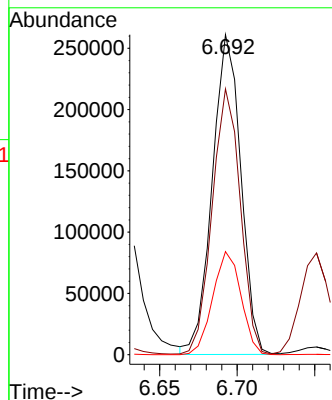
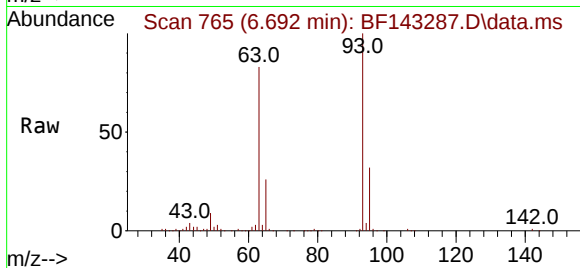
Tgt Ion: 93 Resp: 334883

Ion Ratio Lower Upper

93 100

63 83.0 63.4 103.4

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.216 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

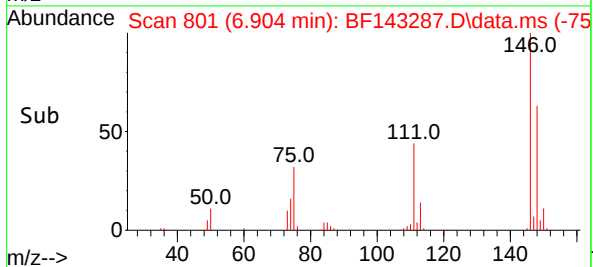
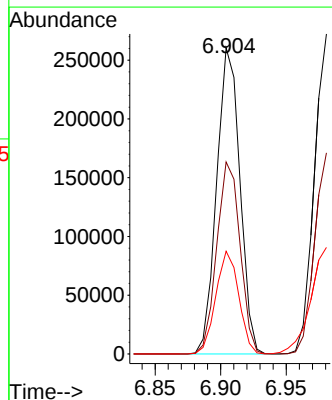
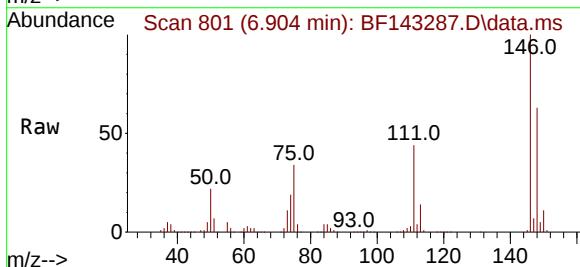
Tgt Ion: 146 Resp: 320939

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

75 33.5 27.4 41.2

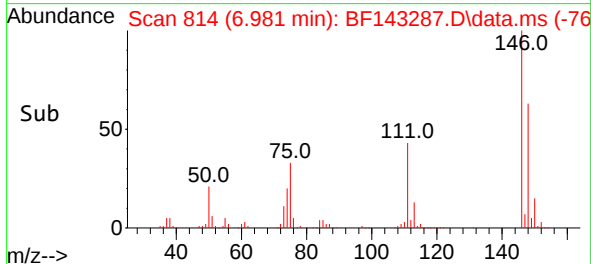
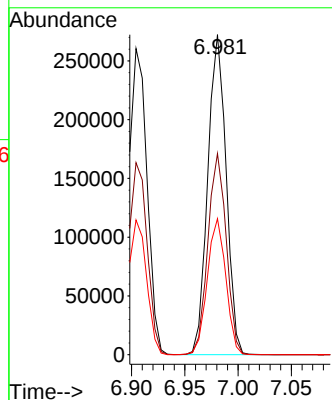
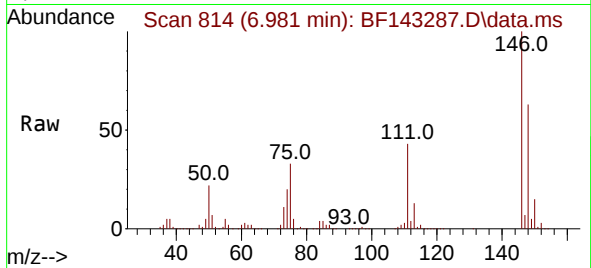




#13
1,4-Dichlorobenzene
Concen: 35.599 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

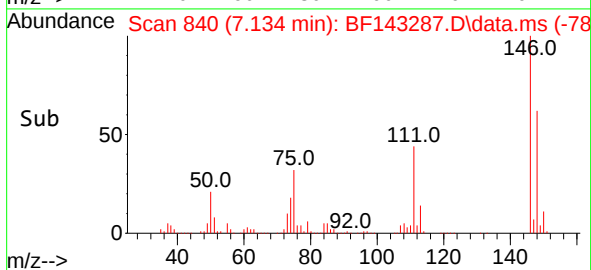
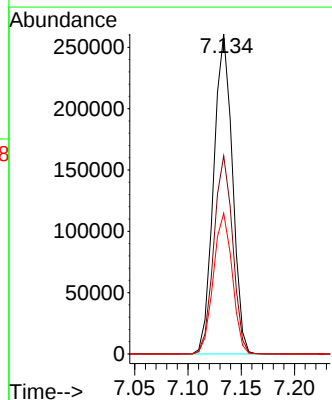
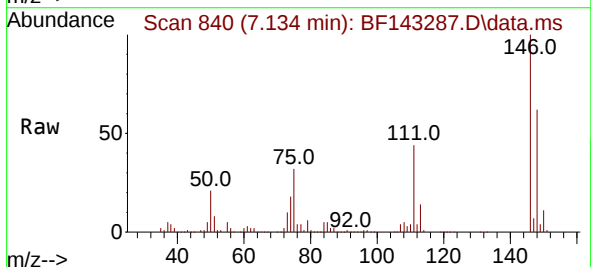
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:146 Resp: 326727
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 42.5 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 36.531 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:146 Resp: 318891
Ion Ratio Lower Upper
146 100
148 61.9 50.7 76.1
111 44.0 36.6 54.8



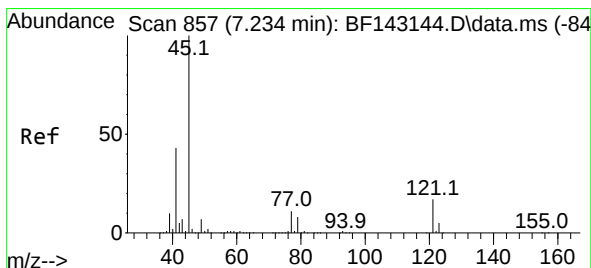
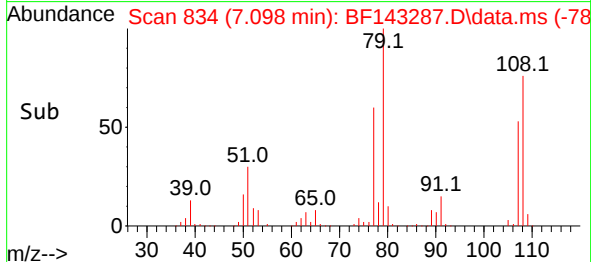
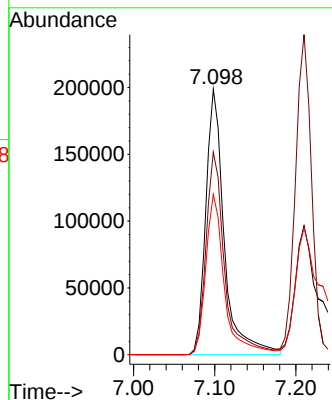
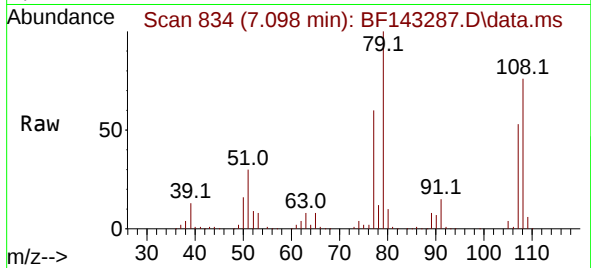


#15
Benzyl Alcohol
Concen: 40.821 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion: 79 Resp: 313999

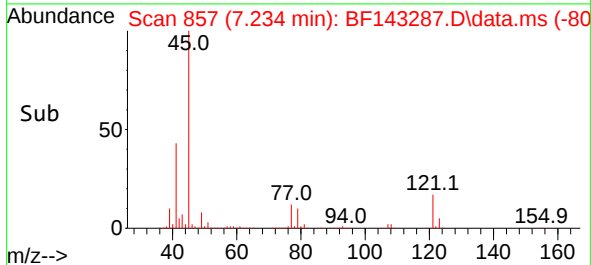
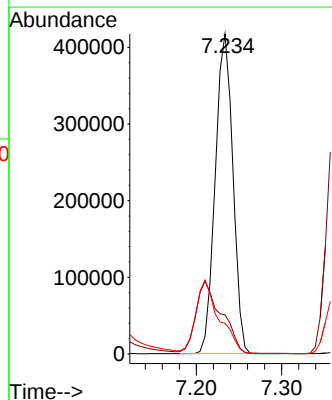
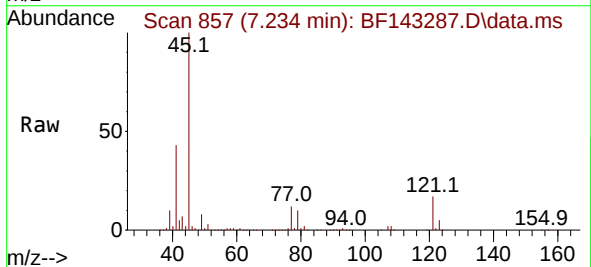
Ion	Ratio	Lower	Upper
79	100		
108	76.3	61.1	91.7
77	60.4	48.9	73.3

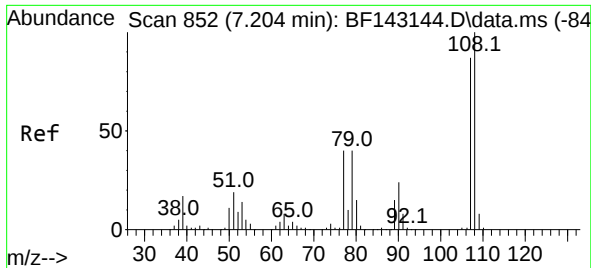


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.456 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 45 Resp: 599434

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.2
79	9.5	0.0	28.5

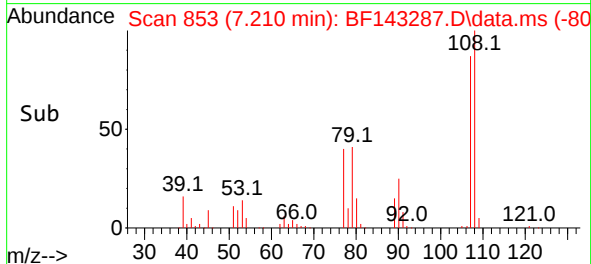
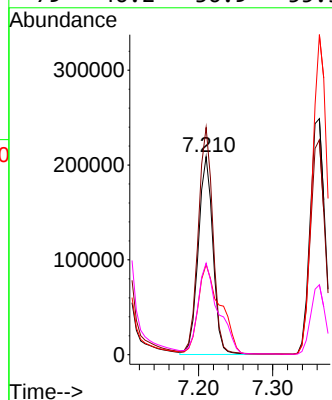
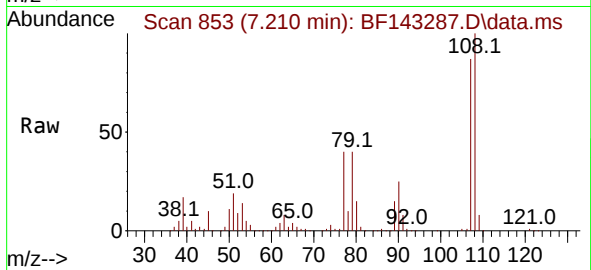




#17
2-Methylphenol
Concen: 40.752 ng
RT: 7.210 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

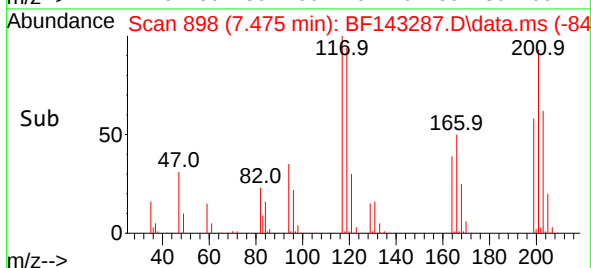
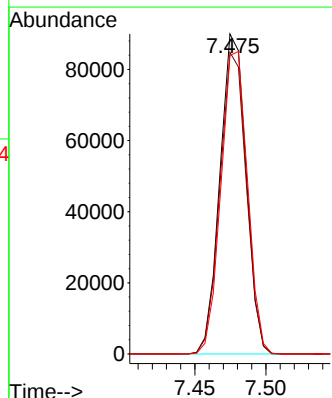
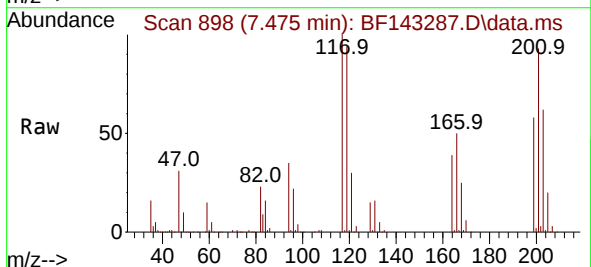
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

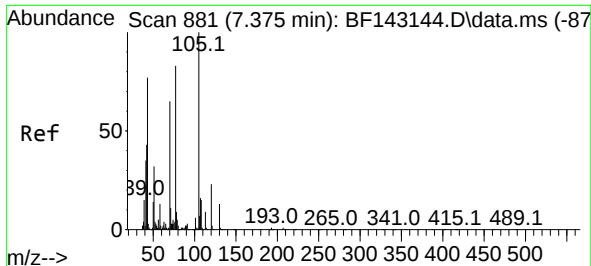
Tgt Ion:	107	Resp:	287467
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	45.5	37.0	55.6
79	46.2	36.9	55.3



#18
Hexachloroethane
Concen: 36.272 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:	117	Resp:	115244
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.8	116.8
201	93.3	77.0	115.4



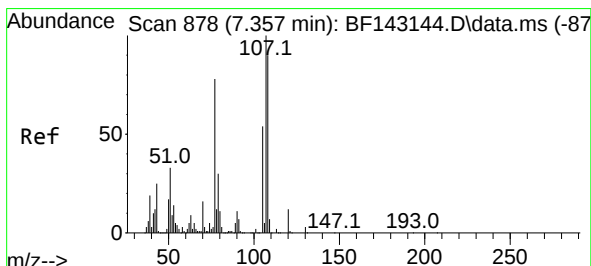
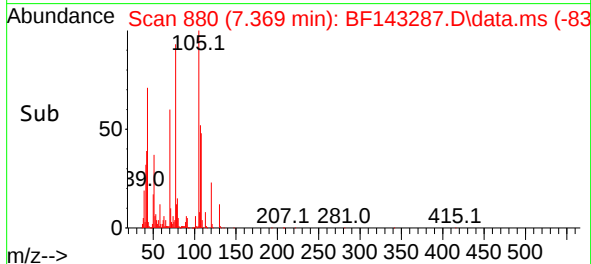
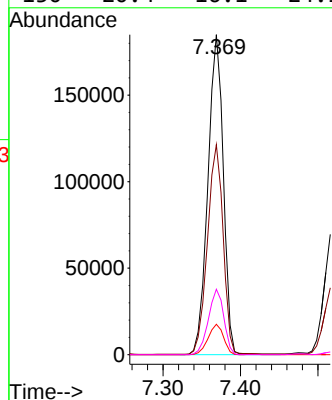
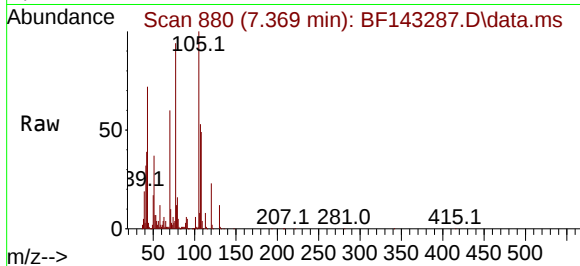


#19
n-Nitroso-di-n-propylamine
Concen: 39.596 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion: 70 Resp: 255914

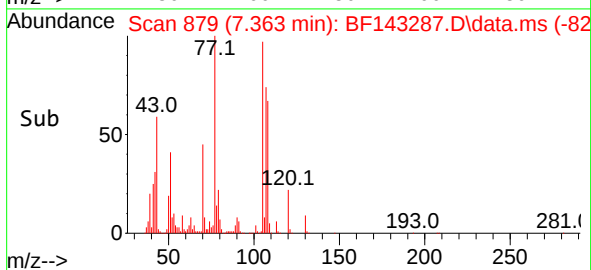
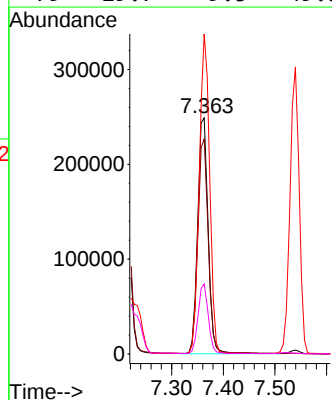
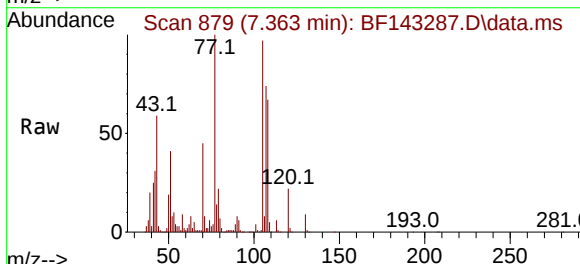
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.4	16.1	24.1

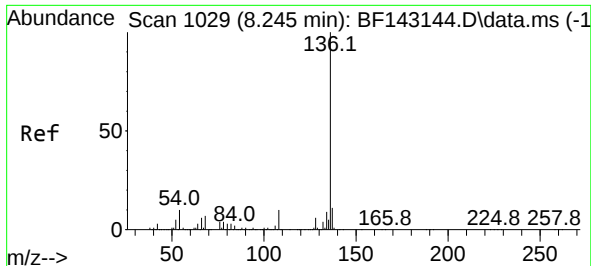


#20
3+4-Methylphenols
Concen: 40.939 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 107 Resp: 350375

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.0	110.0
77	135.6	57.8	97.8#
79	29.7	9.5	49.5

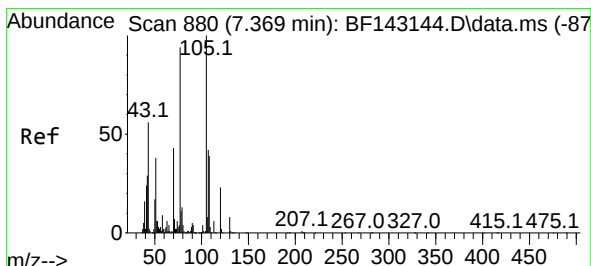
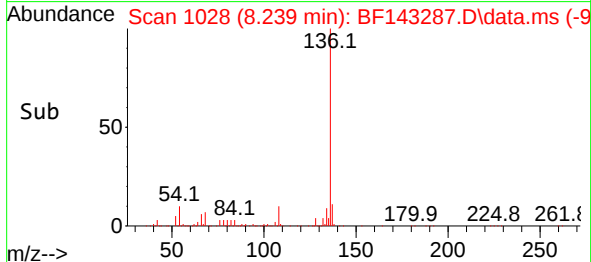
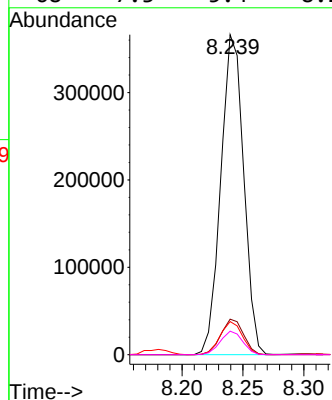
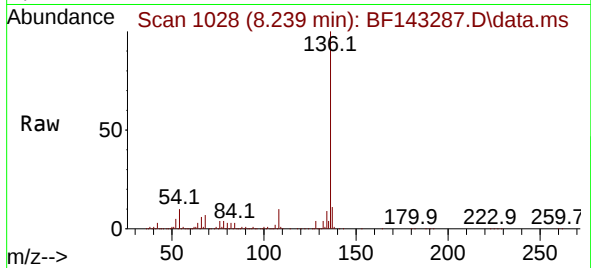




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

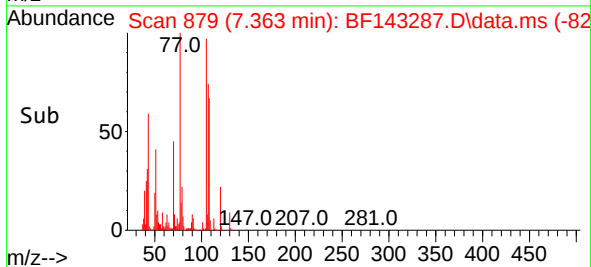
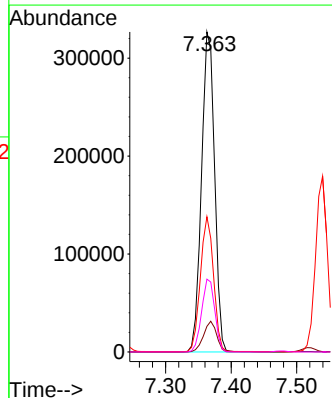
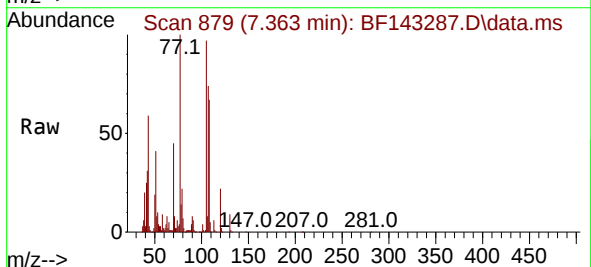
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

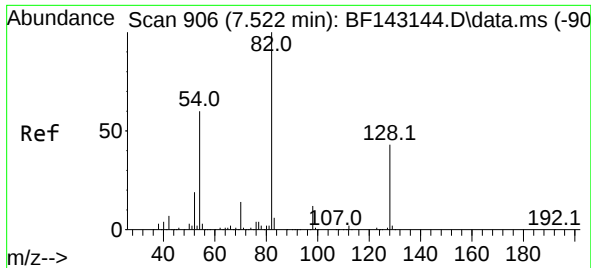
Tgt Ion:	136	Resp:	479340
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.4	8.2	12.2
68	7.3	5.4	8.2



#22
Acetophenone
Concen: 40.125 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:	105	Resp:	455361
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.6
51	42.2	30.2	45.2
120	22.8	18.2	27.4

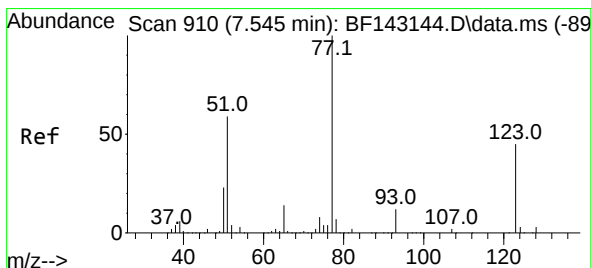
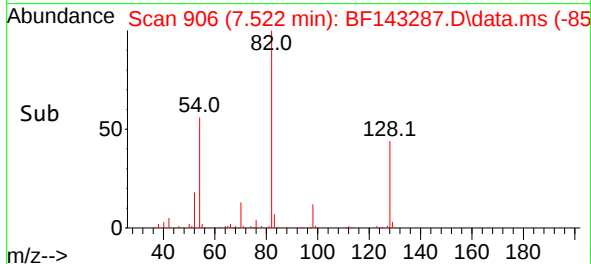
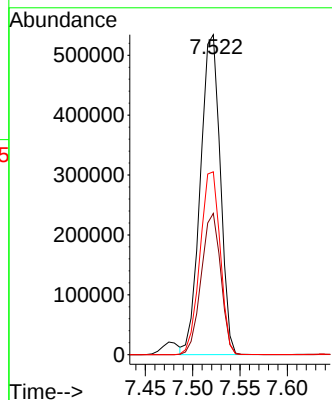
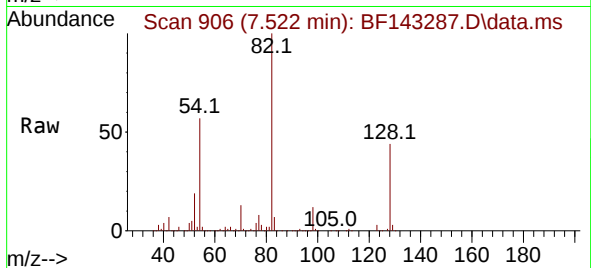




#23
Nitrobenzene-d5
Concen: 80.948 ng
RT: 7.522 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

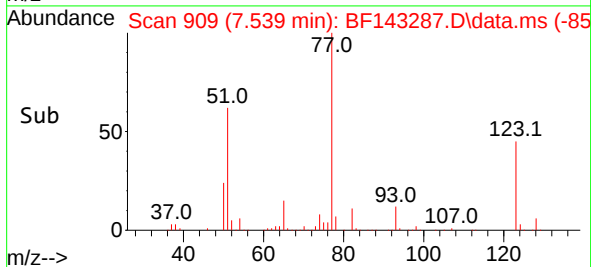
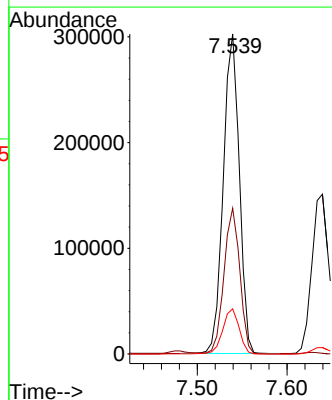
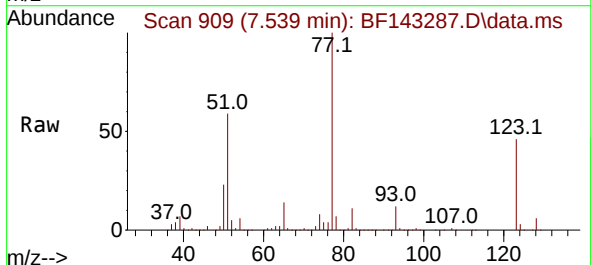
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

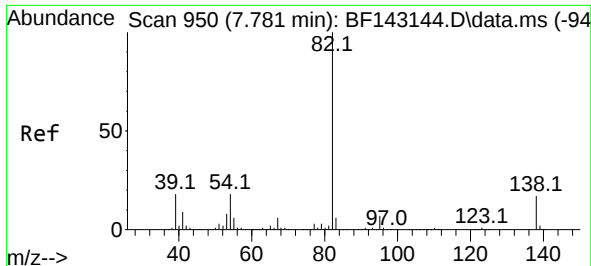
Tgt Ion: 82 Resp: 778412
Ion Ratio Lower Upper
82 100
128 44.1 33.6 50.4
54 57.2 47.1 70.7



#24
Nitrobenzene
Concen: 41.808 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion: 77 Resp: 374823
Ion Ratio Lower Upper
77 100
123 45.5 36.1 54.1
65 14.1 11.4 17.2

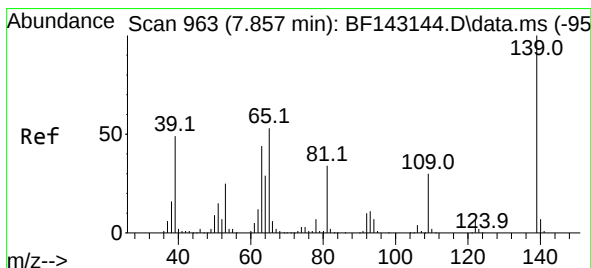
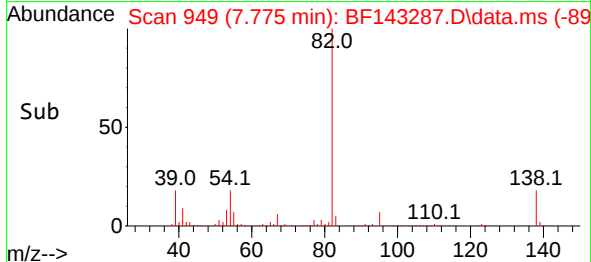
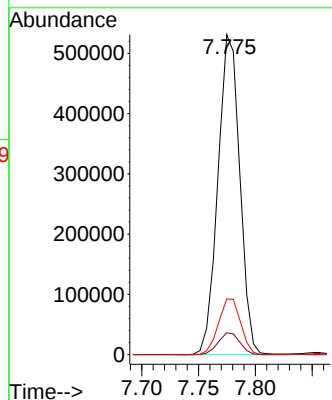
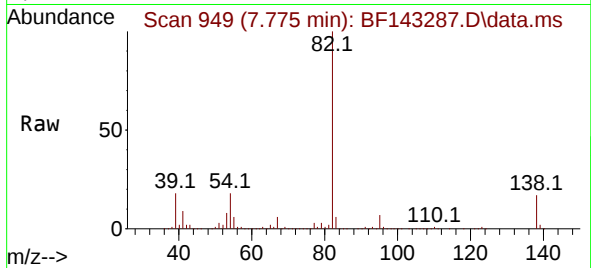




#25
Isophorone
Concen: 41.991 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

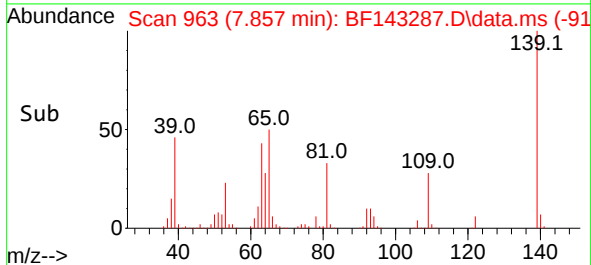
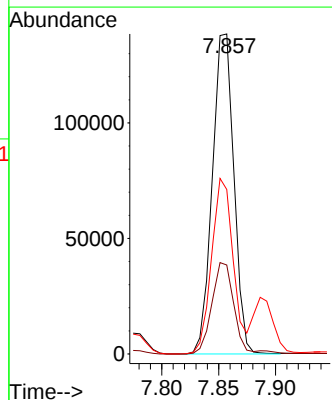
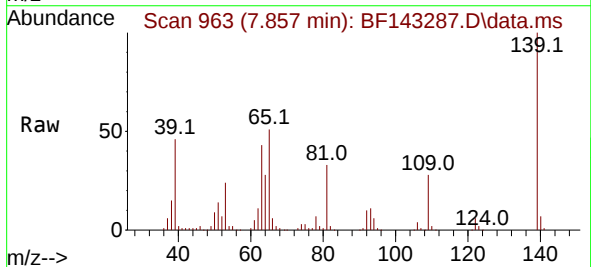
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion: 82 Resp: 712821
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 13.8 20.8



#26
2-Nitrophenol
Concen: 46.996 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:139 Resp: 182857
Ion Ratio Lower Upper
139 100
109 27.8 23.6 35.4
65 51.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 41.914 ng

RT: 7.886 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

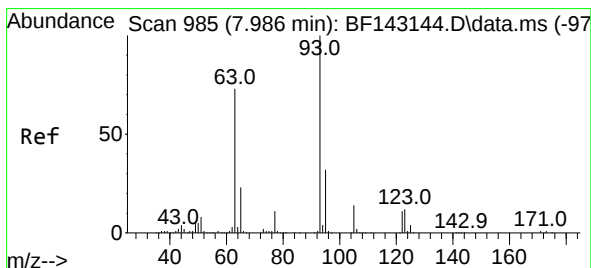
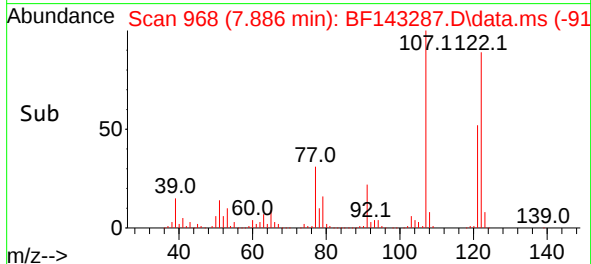
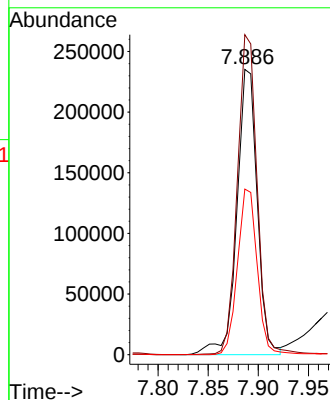
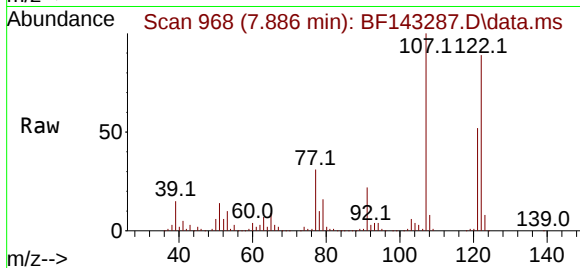
Tgt Ion:122 Resp: 332426

Ion Ratio Lower Upper

122 100

107 112.2 91.8 137.6

121 58.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.382 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

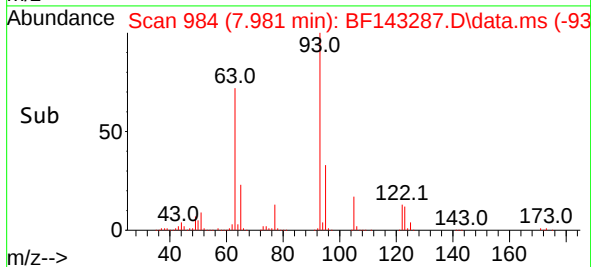
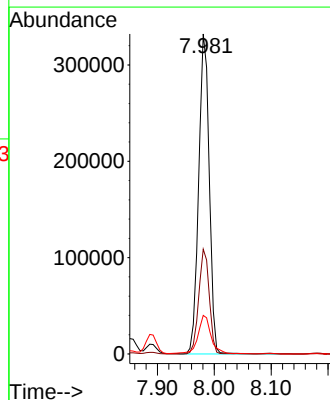
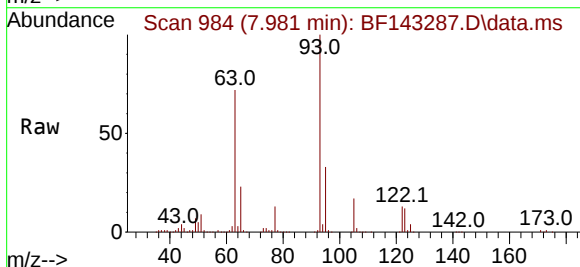
Tgt Ion: 93 Resp: 431371

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.350 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143287.D

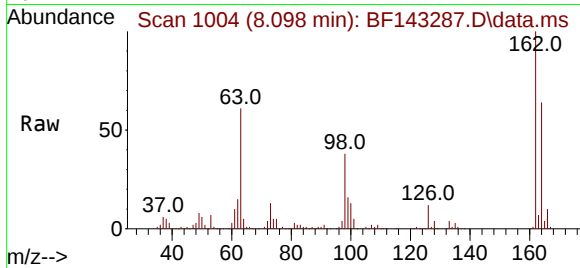
Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD



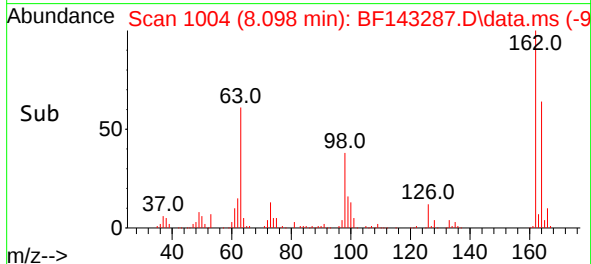
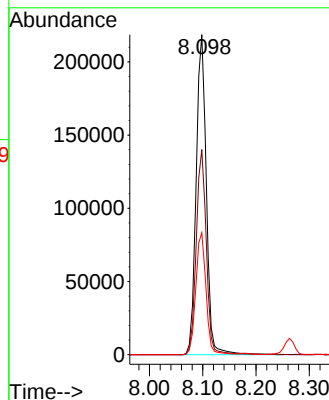
Tgt Ion:162 Resp: 289955

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

98 38.1 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.481 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

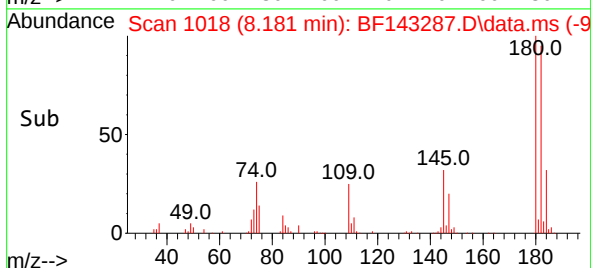
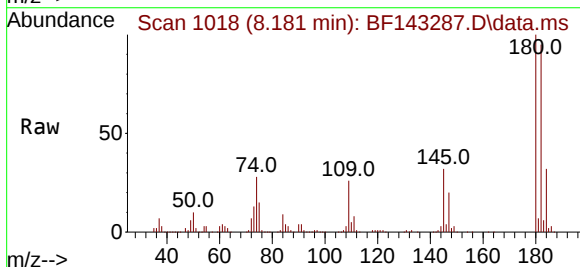
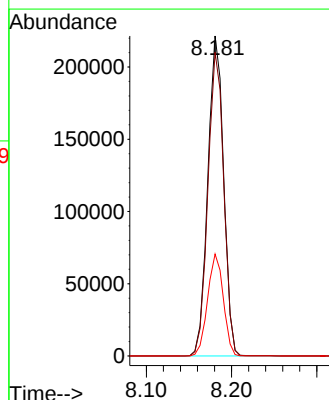
Tgt Ion:180 Resp: 285293

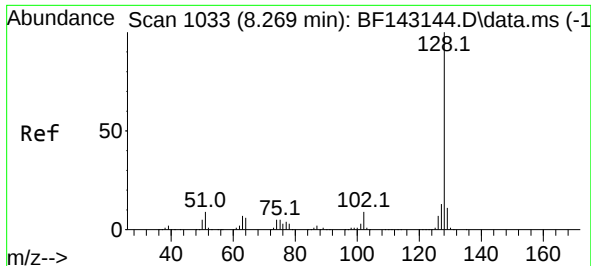
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 31.9 25.0 37.6

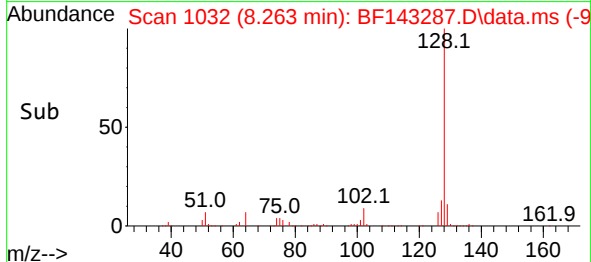
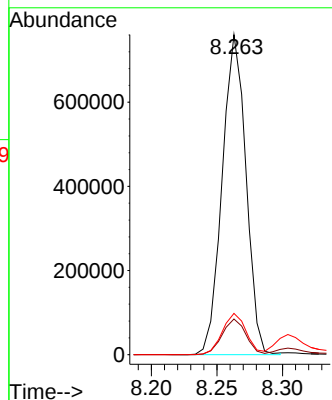
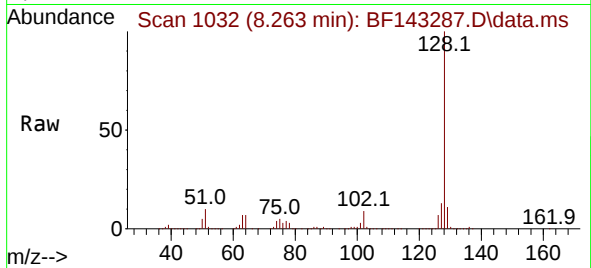




#31
Naphthalene
Concen: 40.614 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

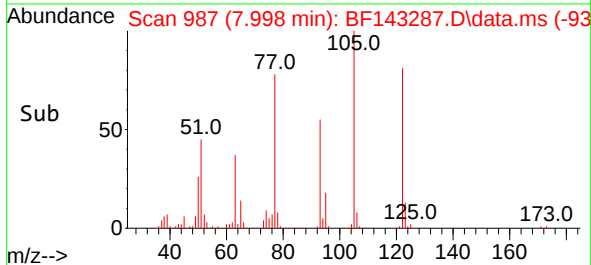
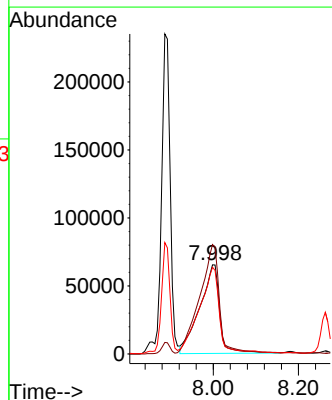
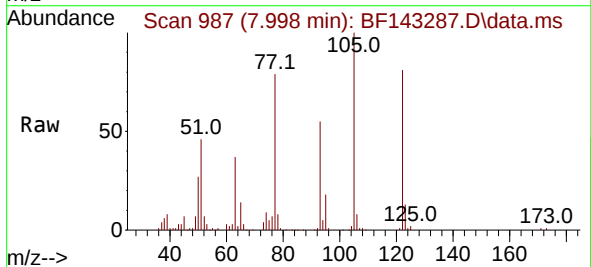
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:128 Resp: 958775
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 47.421 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:122 Resp: 211549
Ion Ratio Lower Upper
122 100
105 122.8 104.8 144.8
77 97.2 77.6 117.6

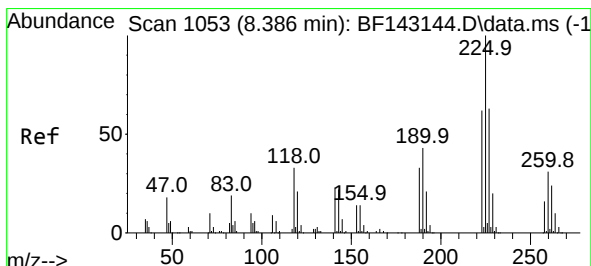
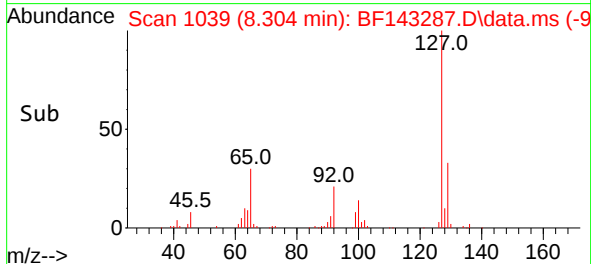
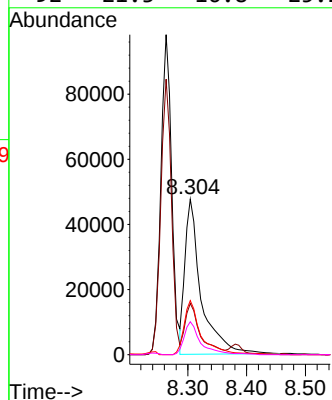
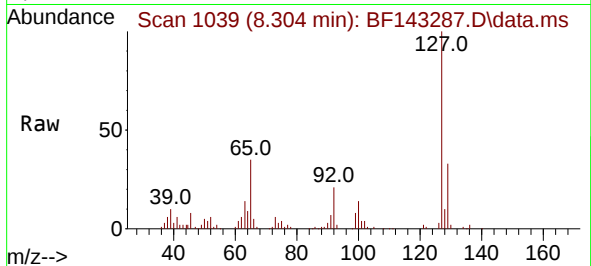




#33
4-Chloroaniline
Concen: 9.505 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

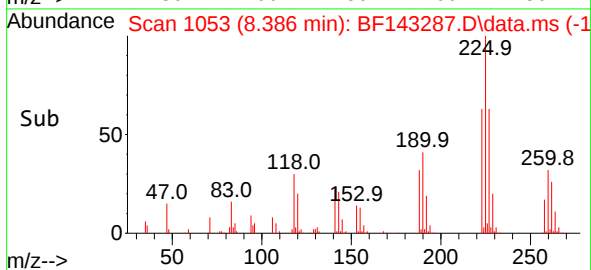
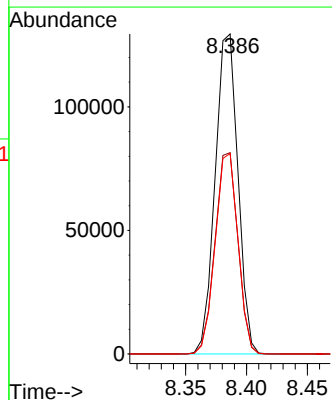
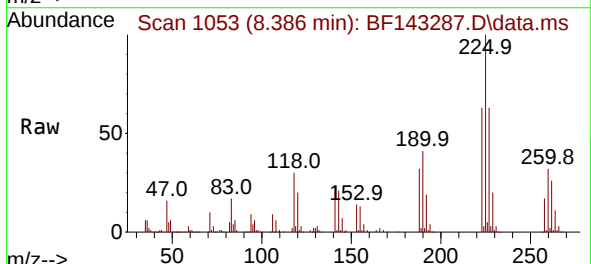
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

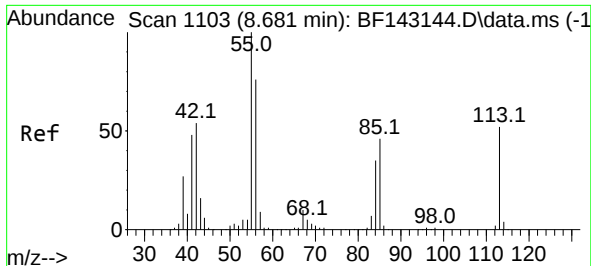
Tgt Ion:127	Resp:	91617
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.0 39.0
65	34.8	27.4 41.2
92	21.3	16.8 25.2



#34
Hexachlorobutadiene
Concen: 38.206 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:225	Resp:	168648
Ion Ratio	Lower	Upper
225	100	
223	62.9	49.8 74.6
227	62.7	50.2 75.4

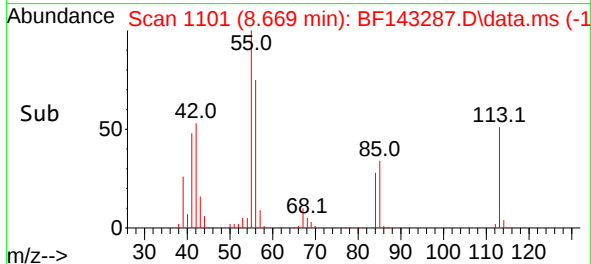
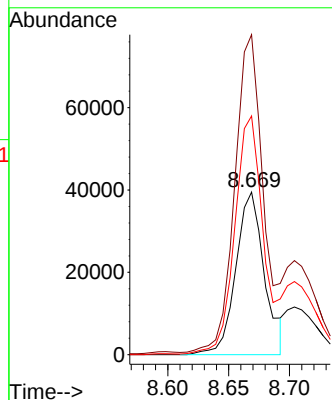
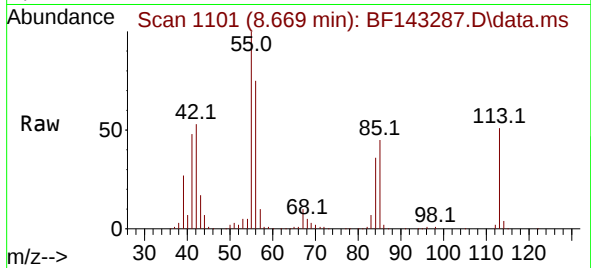




#35
 Caprolactam
 Concen: 31.834 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

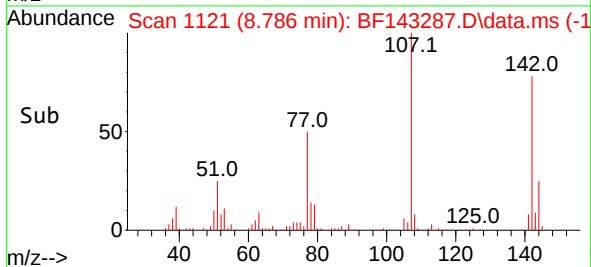
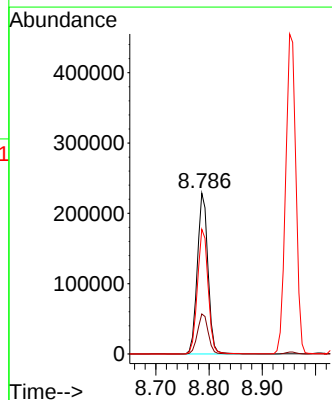
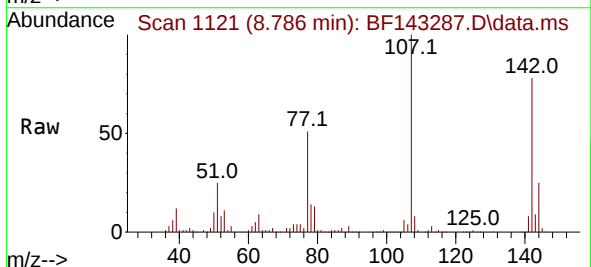
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MSD

Tgt Ion:113 Resp: 64343
 Ion Ratio Lower Upper
 113 100
 55 196.9 174.0 214.0
 56 146.9 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.793 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

Tgt Ion:107 Resp: 318372
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 77.5 60.6 90.8

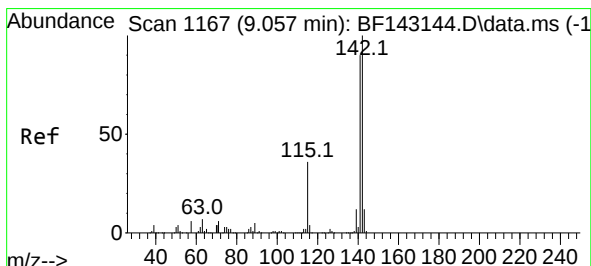
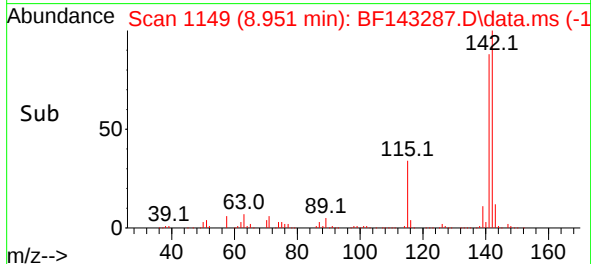
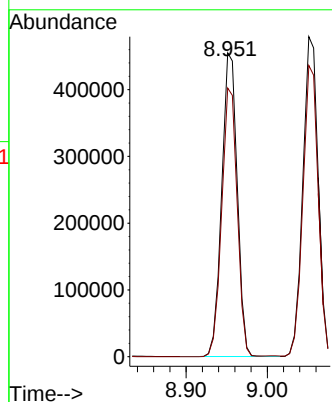
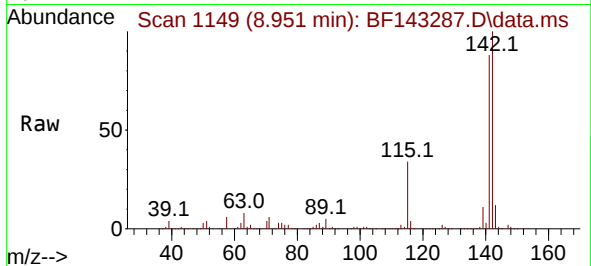




#37
2-Methylnaphthalene
Concen: 42.131 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

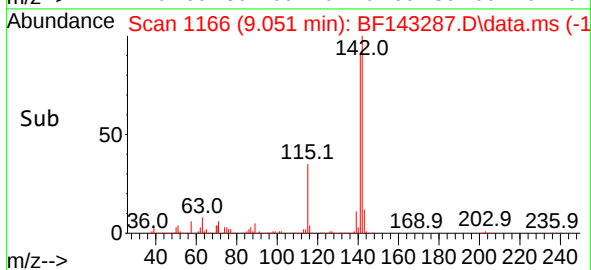
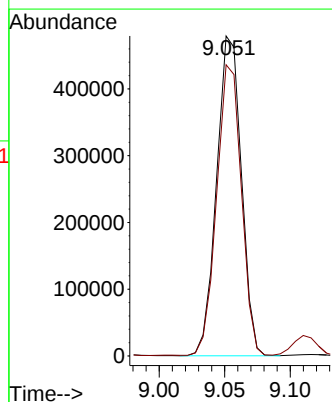
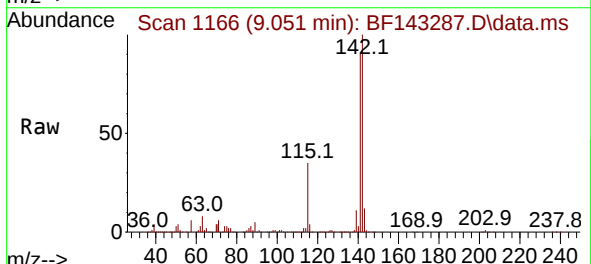
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

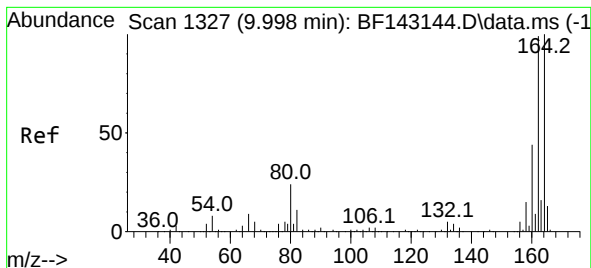
Tgt Ion:142 Resp: 605222
Ion Ratio Lower Upper
142 100
141 88.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 42.430 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:142 Resp: 627651
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

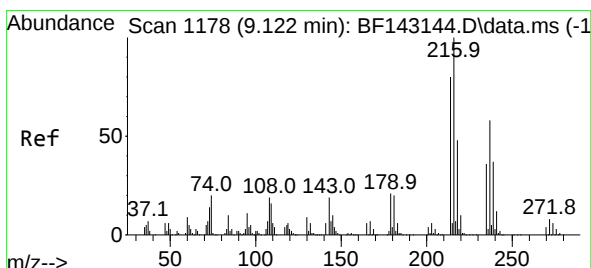
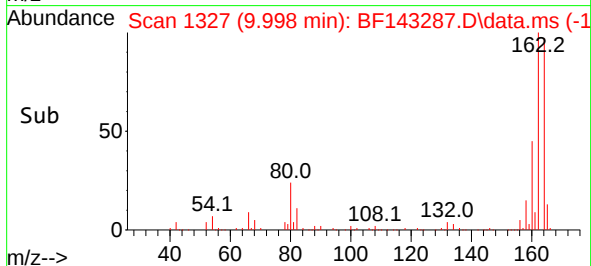
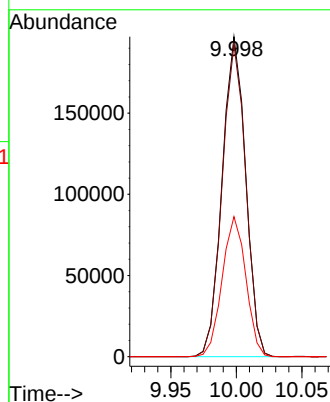
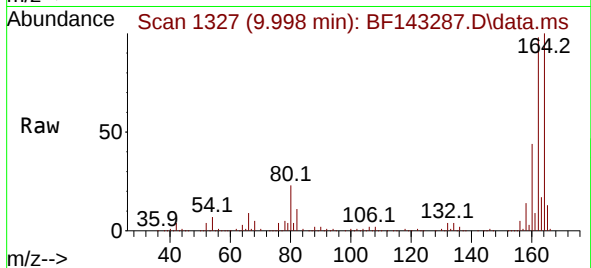
Tgt Ion:164 Resp: 245654

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.416 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Tgt Ion:216 Resp: 293738

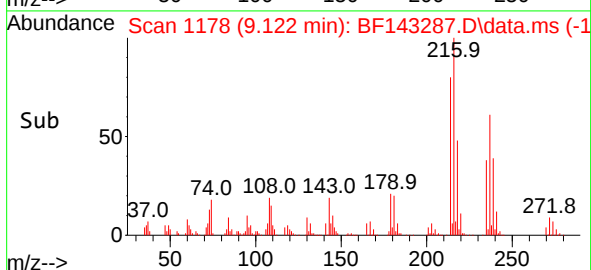
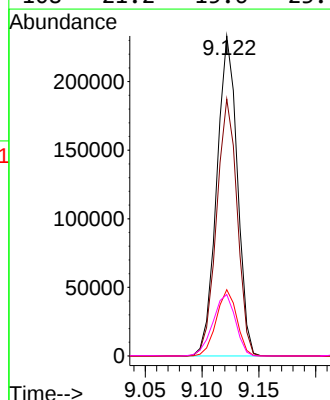
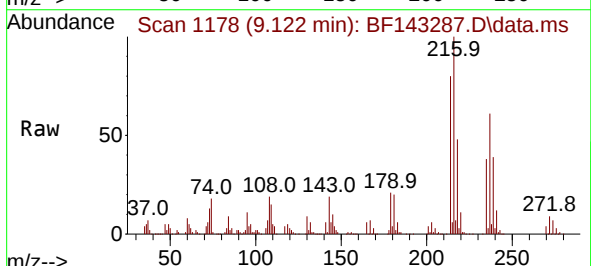
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 20.7 16.4 24.6

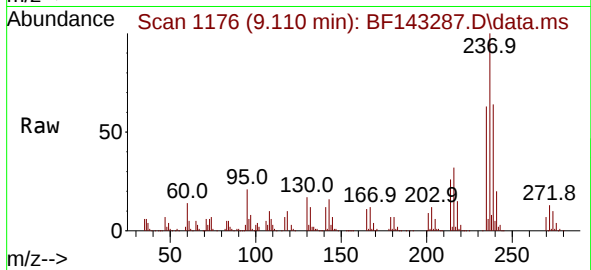
108 21.2 15.6 23.4



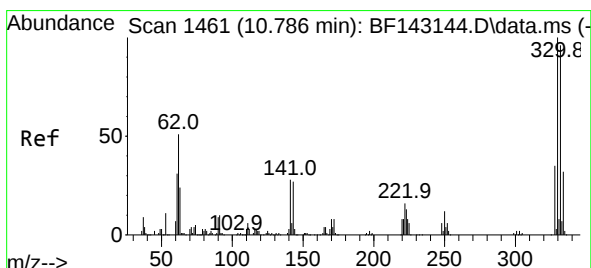
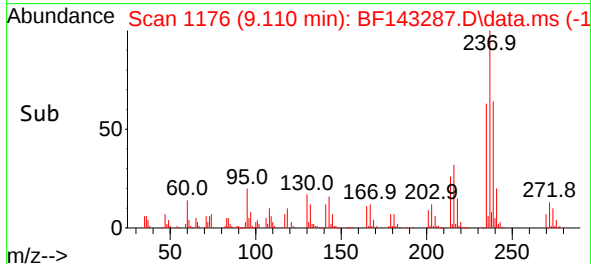
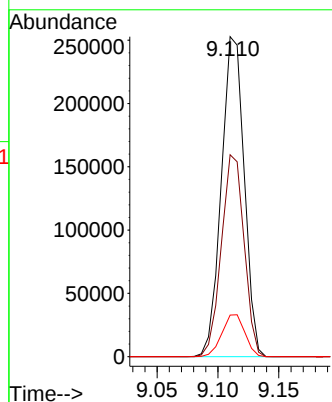


#41
Hexachlorocyclopentadiene
Concen: 71.616 ng
RT: 9.110 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

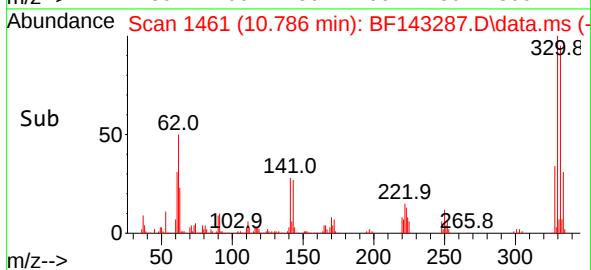
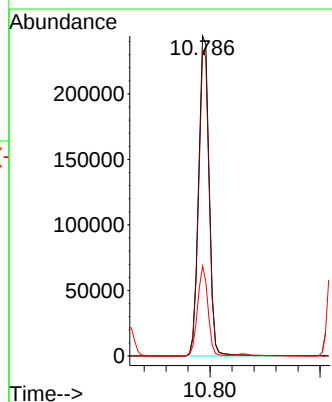
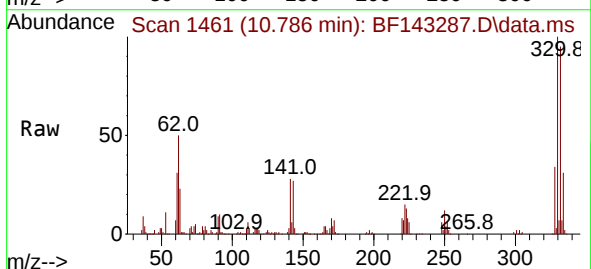


Tgt Ion: 237 Resp: 330492
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 128.908 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

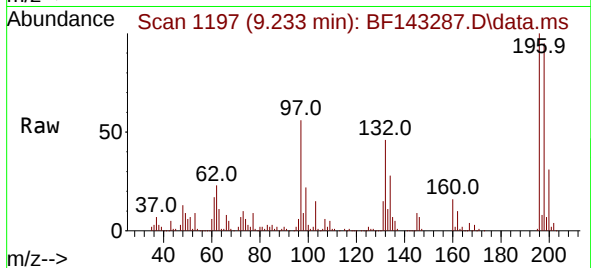
Tgt Ion: 330 Resp: 327135
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 27.4 23.3 34.9



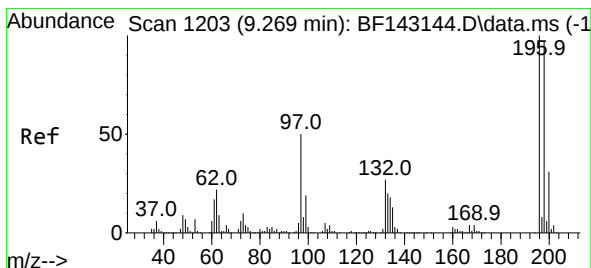
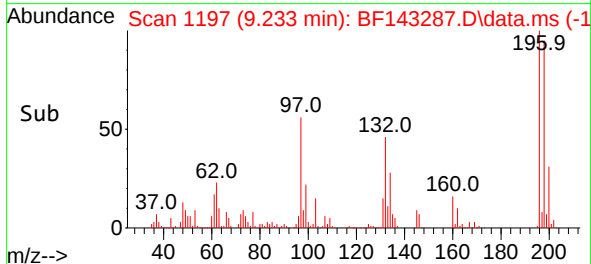
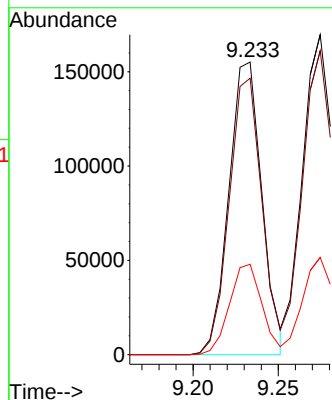


#43
2,4,6-Trichlorophenol
Concen: 42.532 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

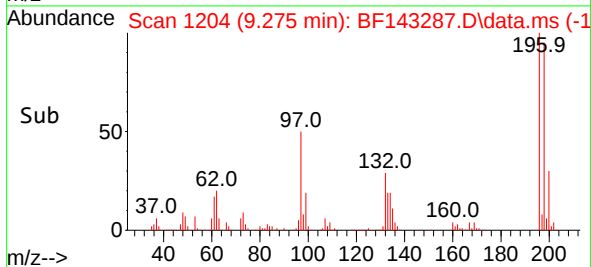
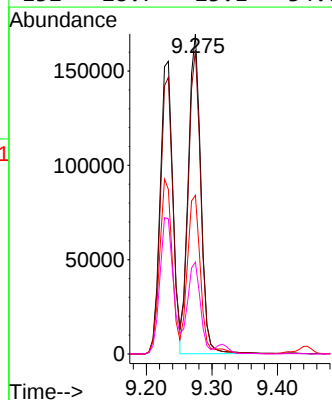
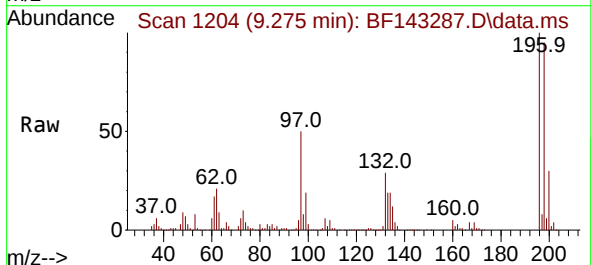


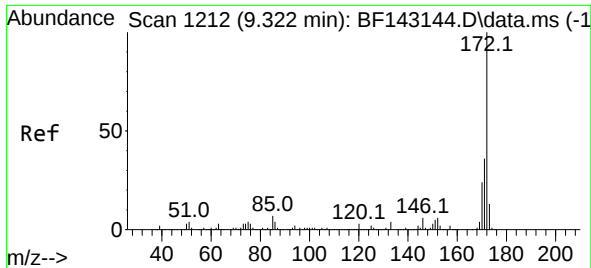
Tgt Ion:196 Resp: 208767
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 30.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 45.596 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:196 Resp: 223876
Ion Ratio Lower Upper
196 100
198 95.0 77.3 115.9
97 49.6 40.3 60.5
132 28.7 23.1 34.7

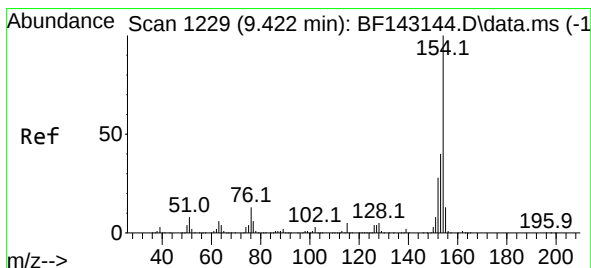
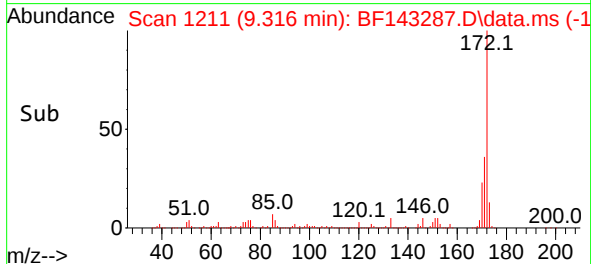
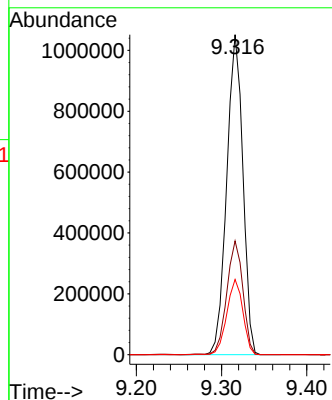
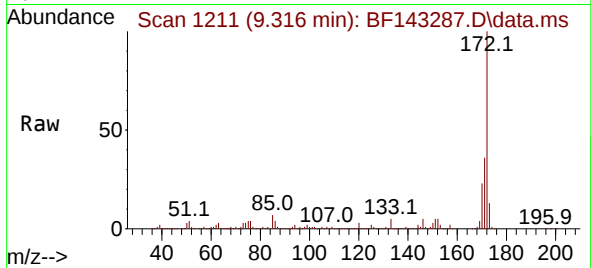




#45
2-Fluorobiphenyl
Concen: 77.062 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

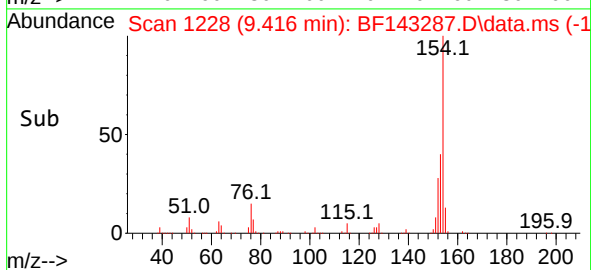
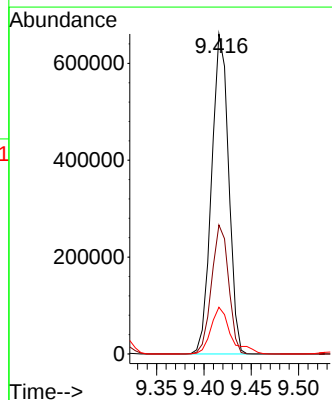
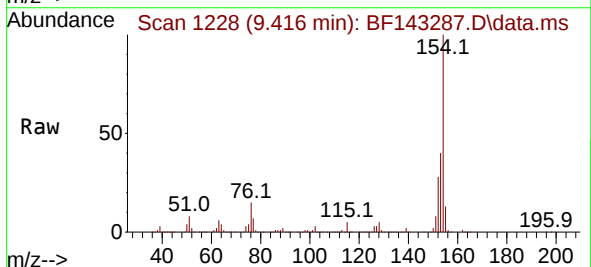
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

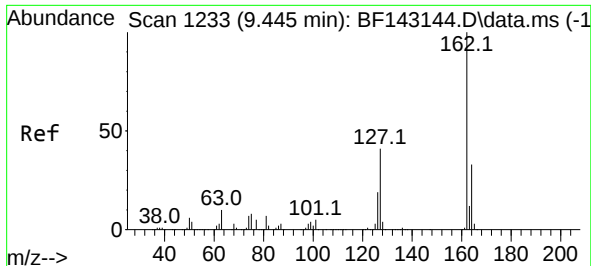
Tgt Ion:172 Resp: 1384201
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.304 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:154 Resp: 829967
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 14.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.627 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

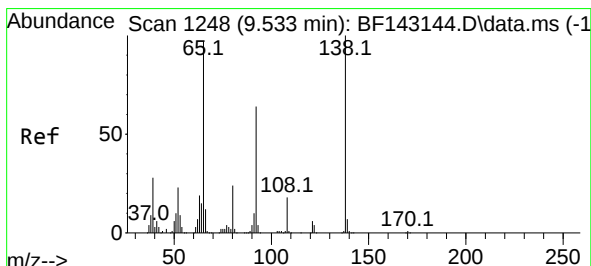
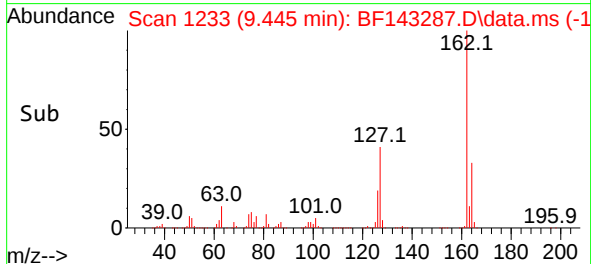
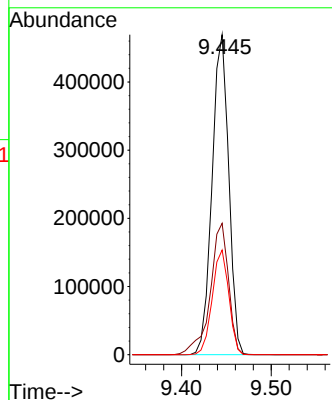
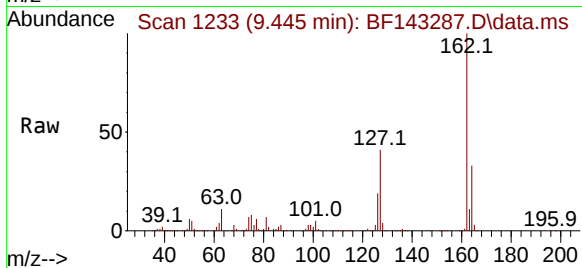
Tgt Ion:162 Resp: 604513

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 47.993 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

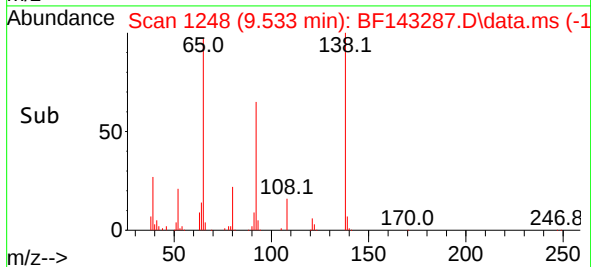
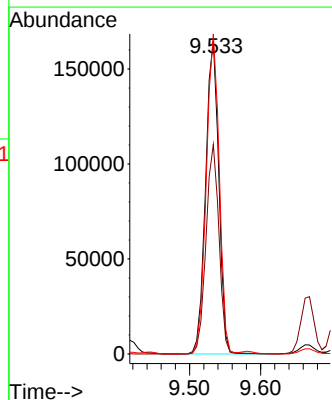
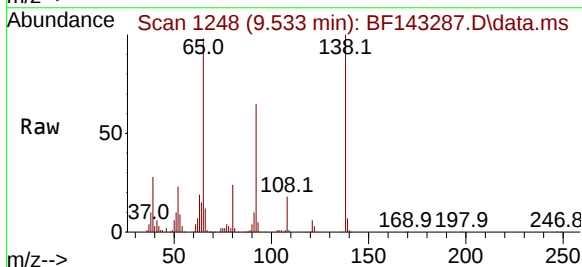
Tgt Ion: 65 Resp: 213435

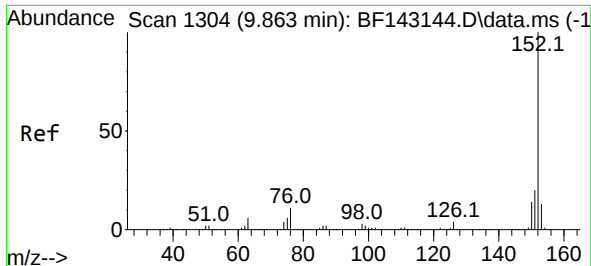
Ion Ratio Lower Upper

65 100

92 66.9 52.4 78.6

138 102.2 82.3 123.5





#49

Acenaphthylene

Concen: 43.380 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

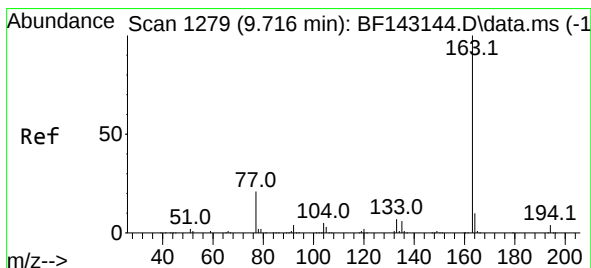
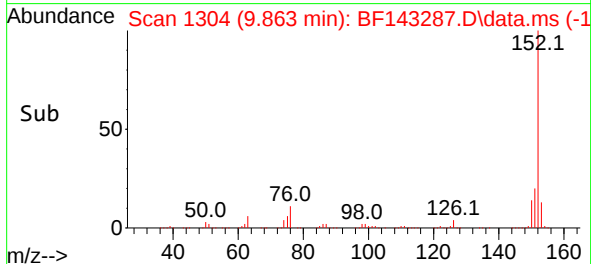
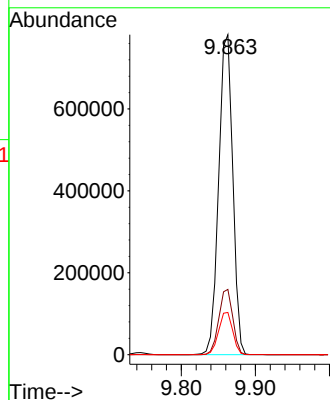
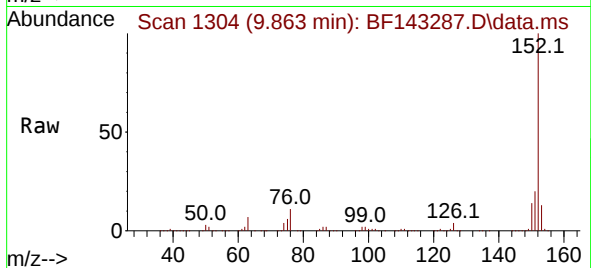
Tgt Ion:152 Resp: 1030952

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 45.436 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

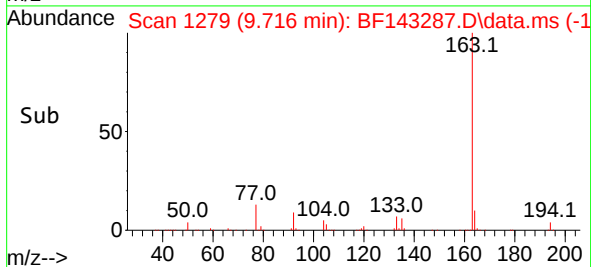
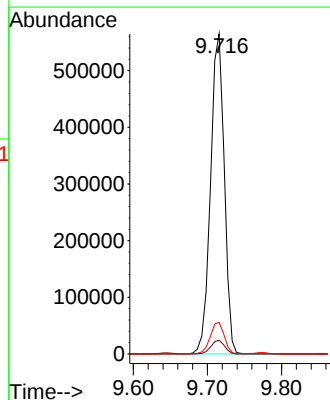
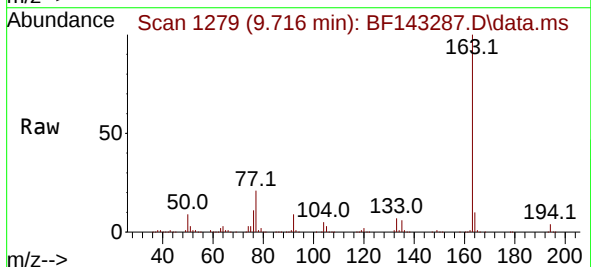
Tgt Ion:163 Resp: 727542

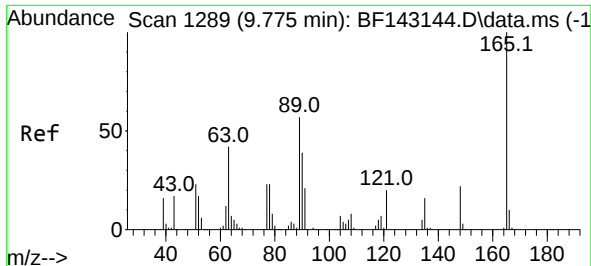
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.9 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 48.368 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

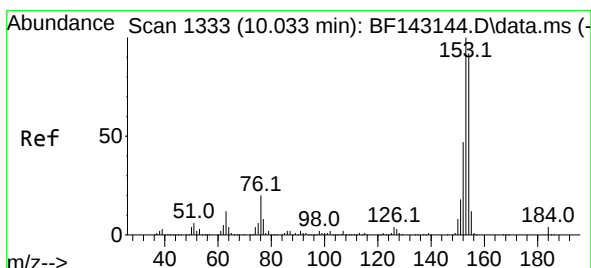
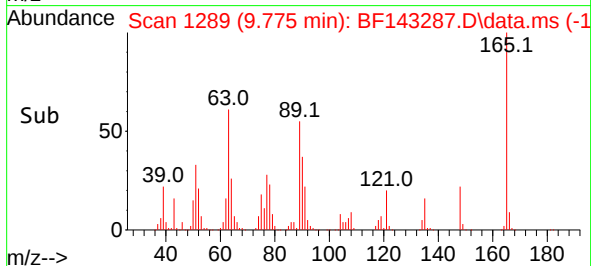
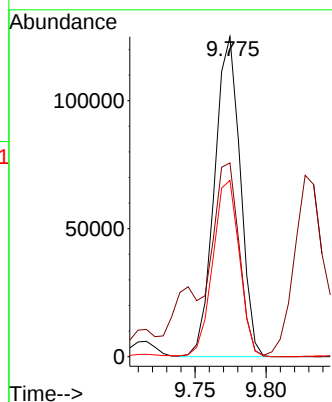
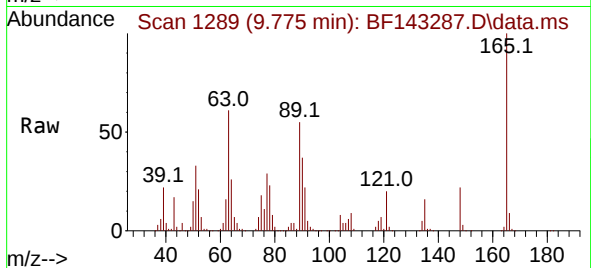
Tgt Ion:165 Resp: 157553

Ion Ratio Lower Upper

165 100

63 60.5 49.4 74.2

89 55.1 46.2 69.2



#52

Acenaphthene

Concen: 48.931 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

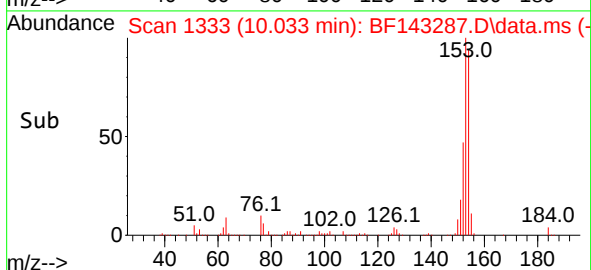
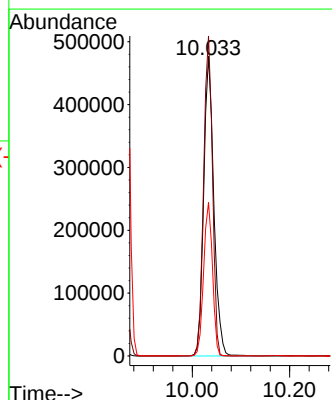
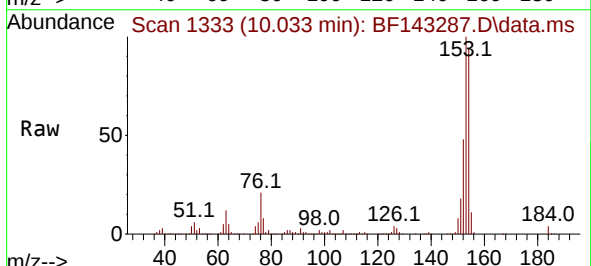
Tgt Ion:154 Resp: 687323

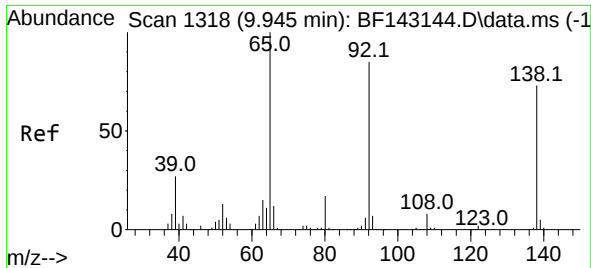
Ion Ratio Lower Upper

154 100

153 106.8 86.6 129.8

152 51.2 40.4 60.6

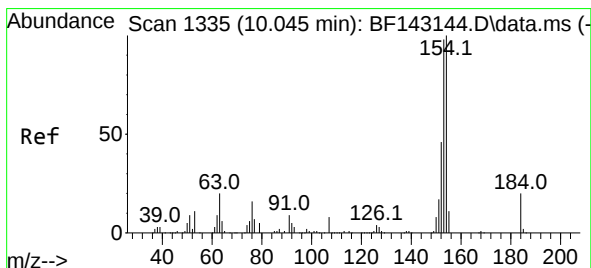
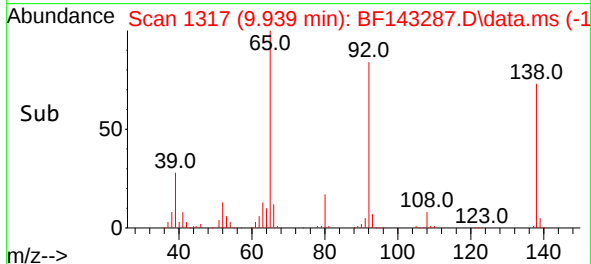
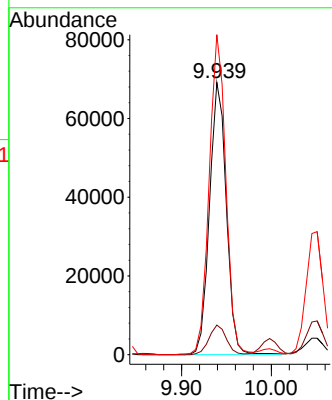
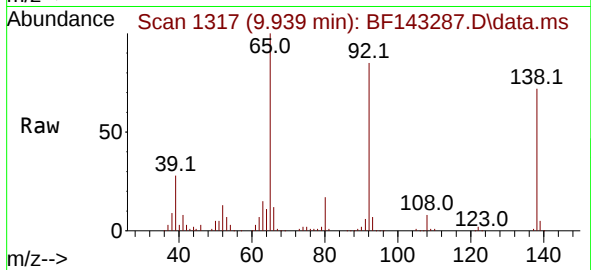




#53
3-Nitroaniline
Concen: 23.602 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

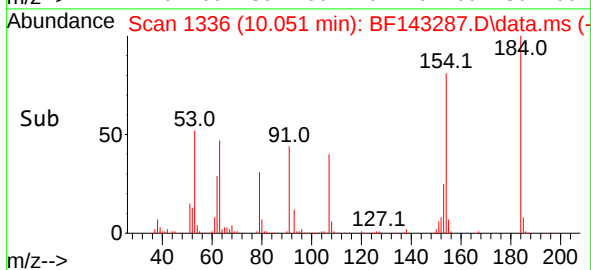
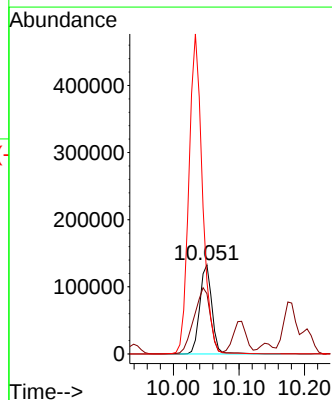
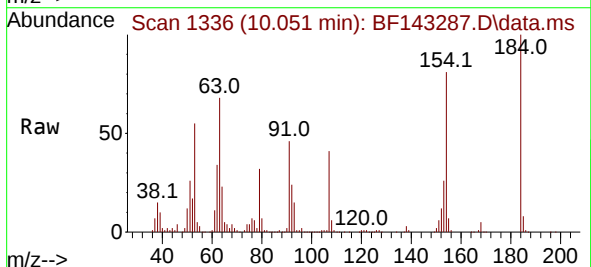
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:138 Resp: 89925
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 117.6 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 113.412 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:184 Resp: 171915
Ion Ratio Lower Upper
184 100
63 67.6 81.8 122.6#
154 81.5 412.2 618.4#

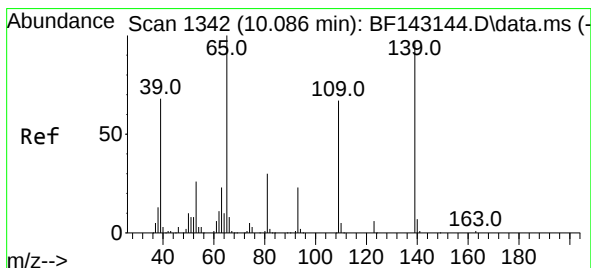
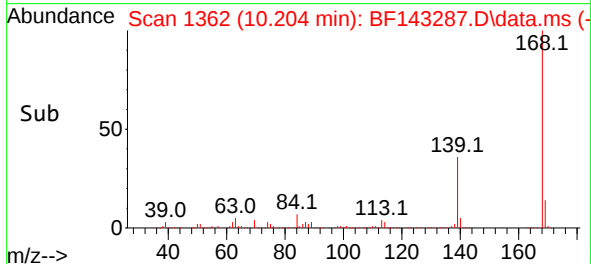
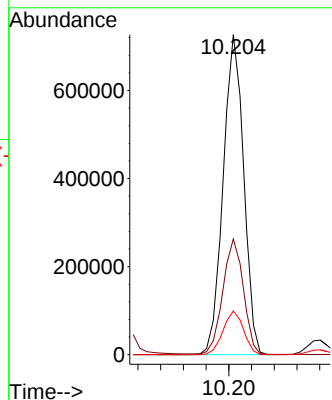
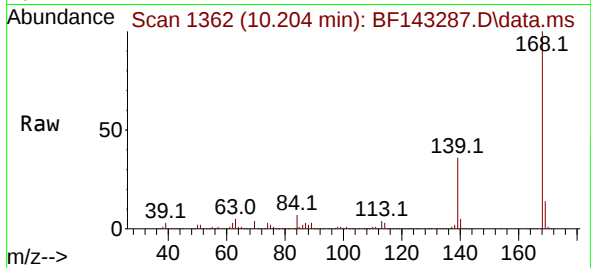




#55
Dibenzofuran
Concen: 43.691 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

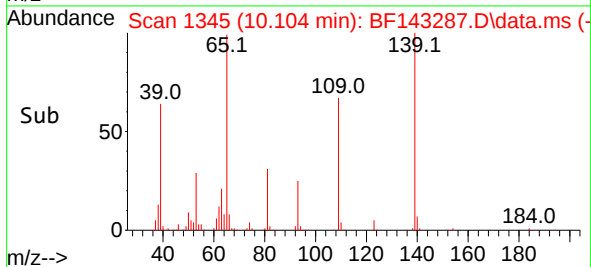
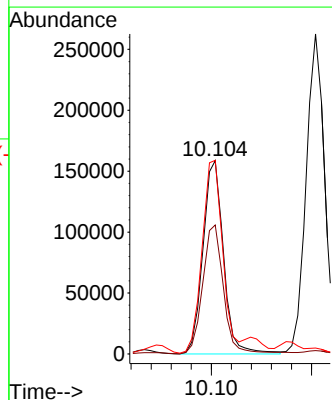
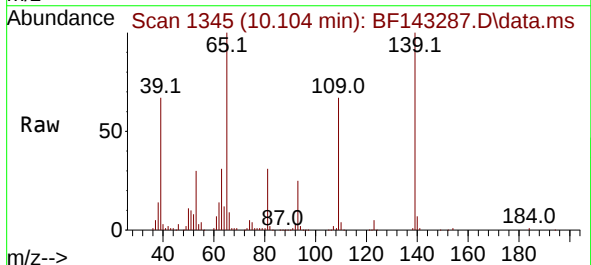
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

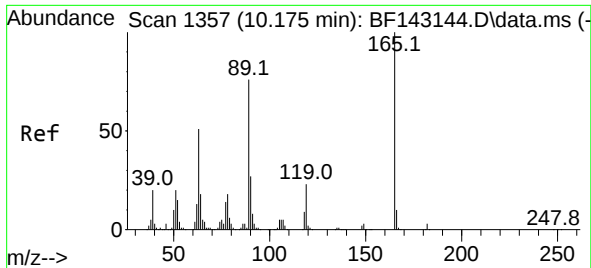
Tgt Ion:168 Resp: 911170
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 79.740 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:139 Resp: 226872
Ion Ratio Lower Upper
139 100
109 66.7 48.5 88.5
65 100.2 83.4 123.4

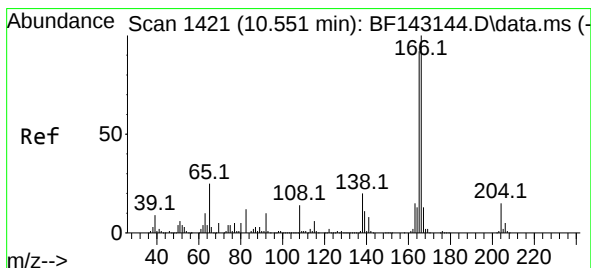
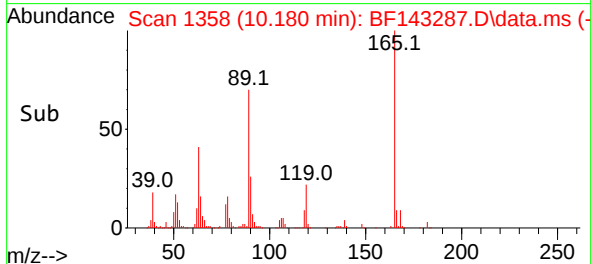
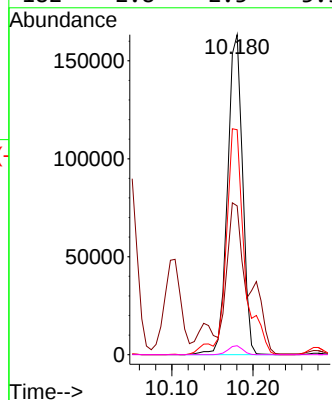
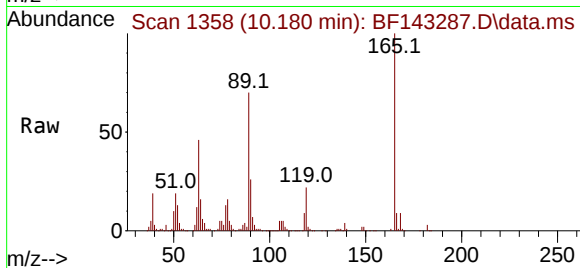




#57
2,4-Dinitrotoluene
Concen: 51.352 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

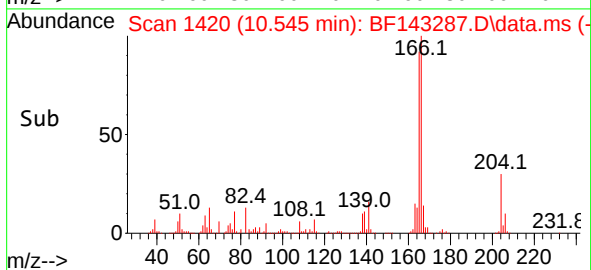
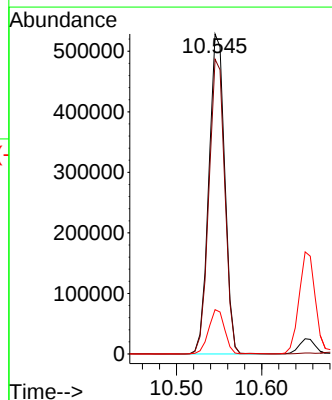
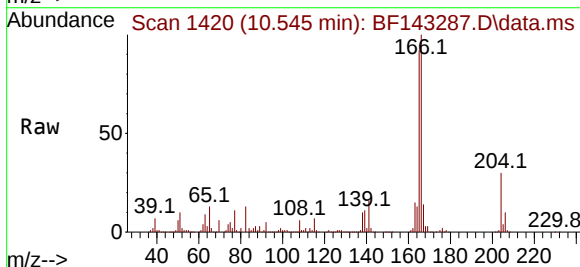
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:	165	Resp:	209864
Ion	Ratio	Lower	Upper
165	100		
63	46.5	41.0	61.4
89	70.3	61.1	91.7
182	2.8	2.3	3.5



#58
Fluorene
Concen: 43.864 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:	166	Resp:	686563
Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.9	10.6	16.0

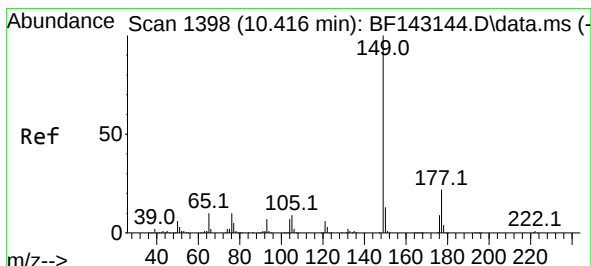
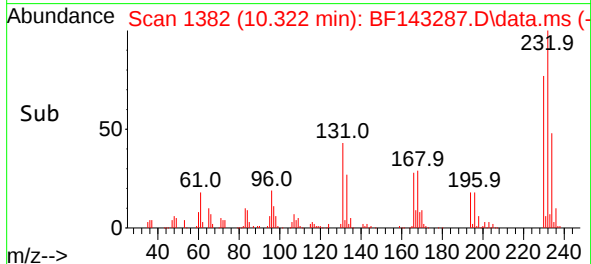
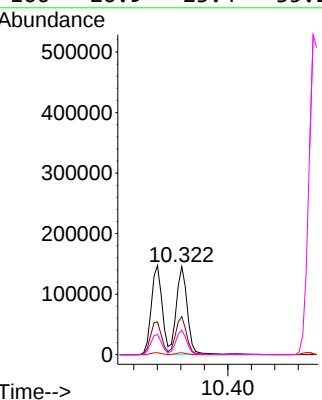
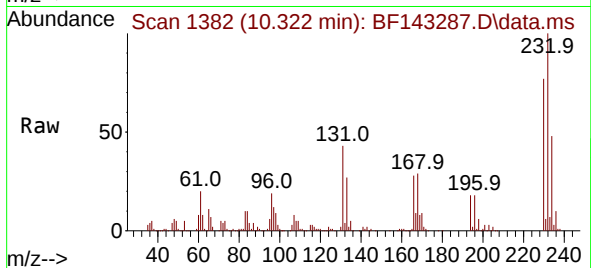




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.625 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

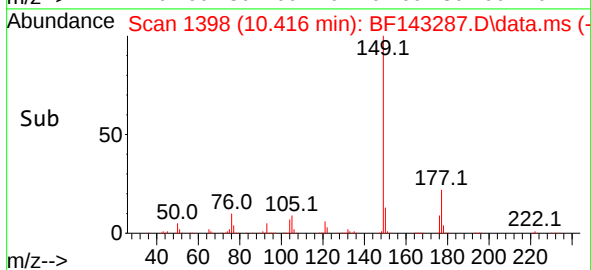
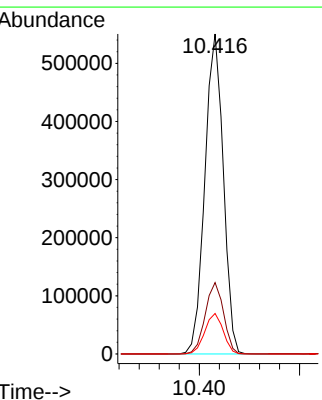
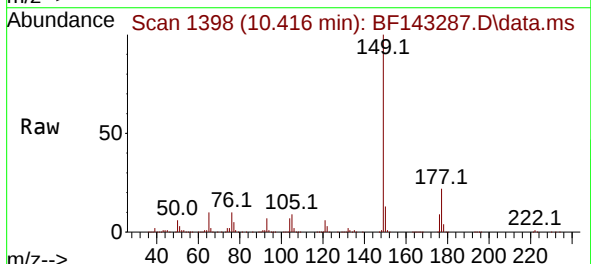
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

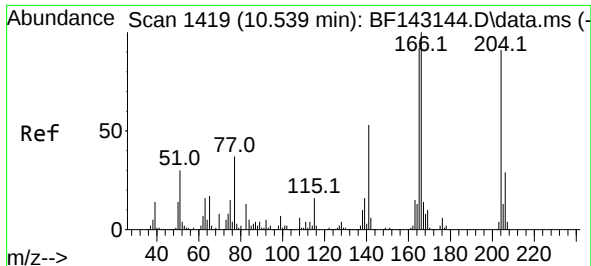
Tgt Ion:232 Resp: 189636
Ion Ratio Lower Upper
232 100
131 43.2 35.3 52.9
130 2.1 1.7 2.5
166 26.9 23.4 35.2



#60
Diethylphthalate
Concen: 44.369 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:149 Resp: 702217
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.7 10.2 15.2

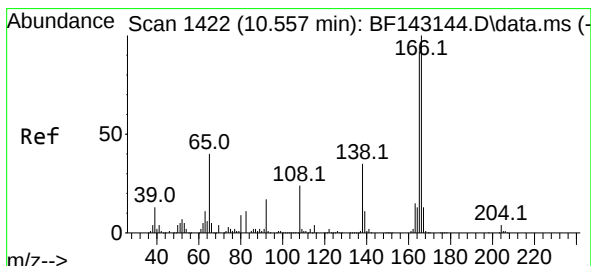
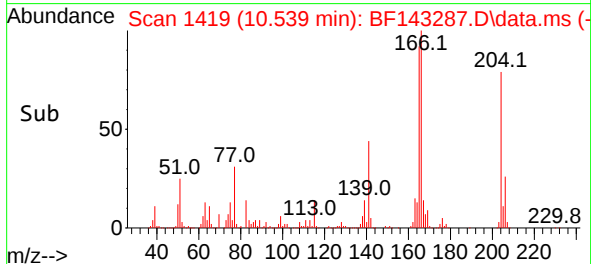
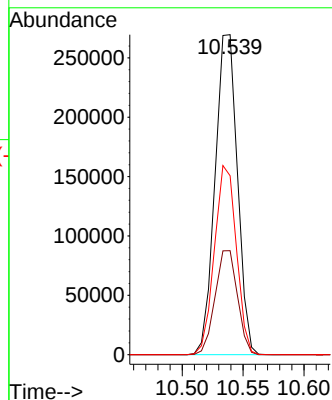
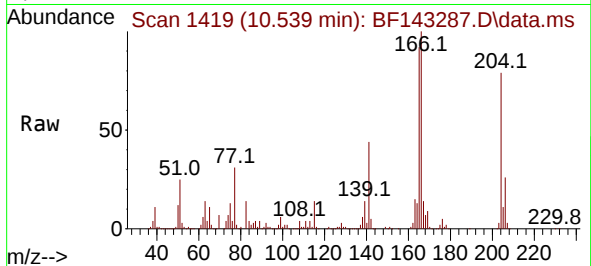




#61
4-Chlorophenyl-phenylether
Concen: 44.303 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

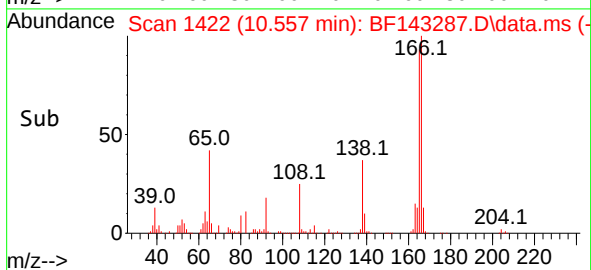
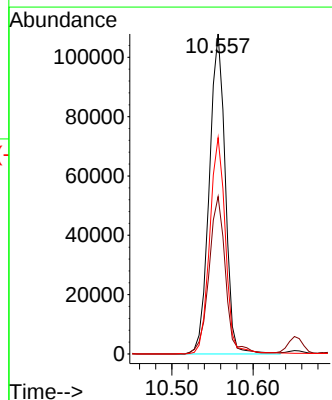
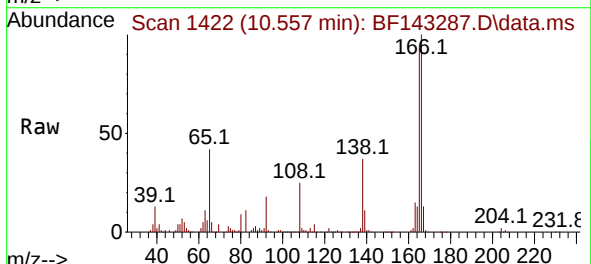
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

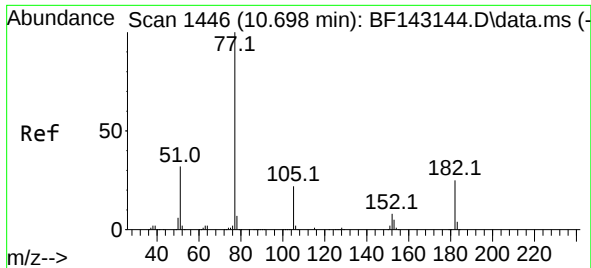
Tgt Ion:204 Resp: 345287
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 55.9 47.0 70.4



#62
4-Nitroaniline
Concen: 45.083 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:138 Resp: 147216
Ion Ratio Lower Upper
138 100
92 49.2 29.3 69.3
108 67.6 48.3 88.3

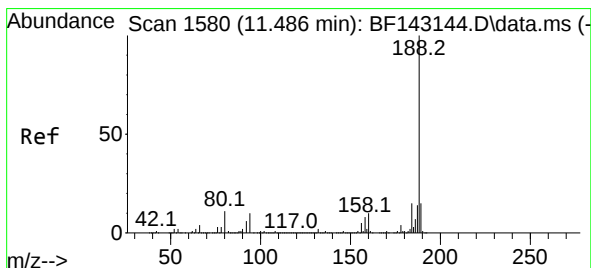
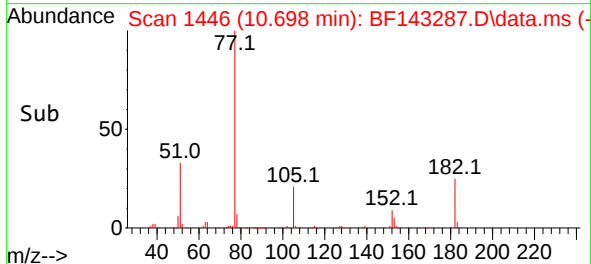
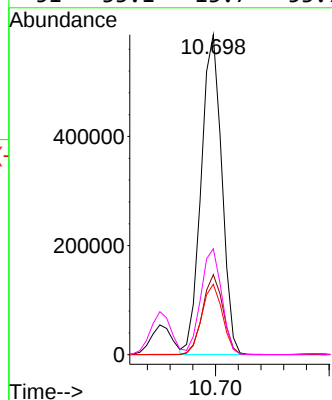
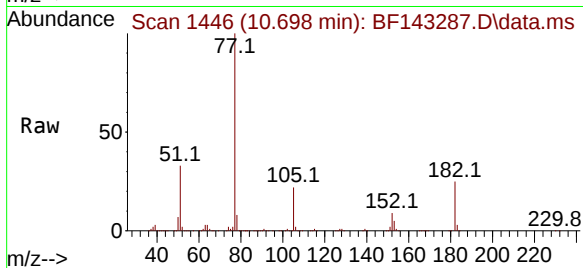




#63
Azobenzene
Concen: 44.802 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

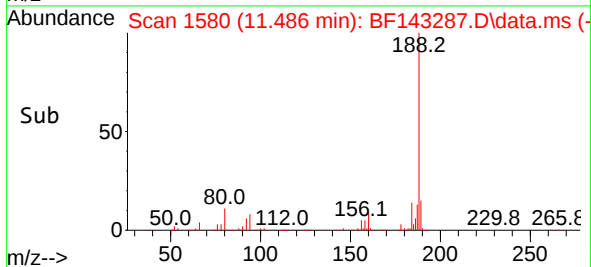
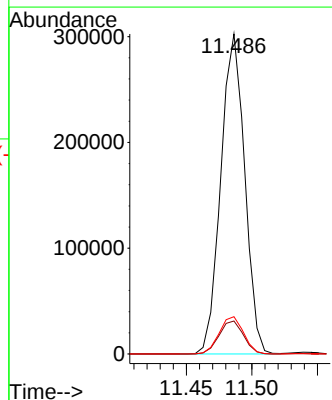
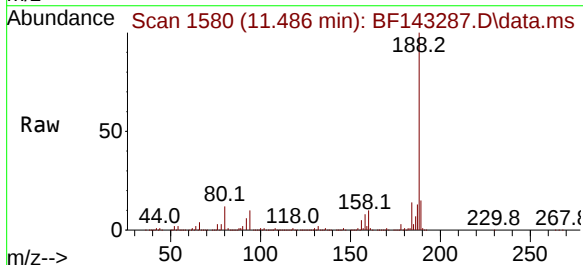
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:	77	Resp:	739013
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.6	44.6
105	22.0	1.4	41.4
51	33.1	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:	188	Resp:	383126
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.6	9.0	13.6

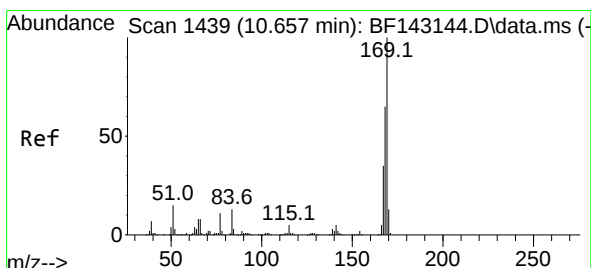
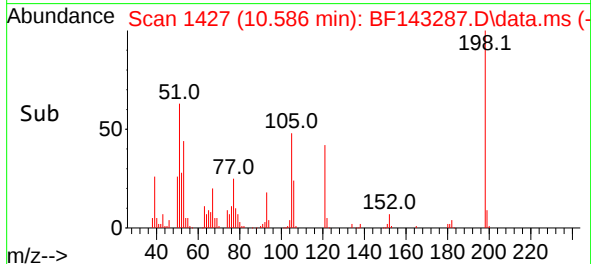
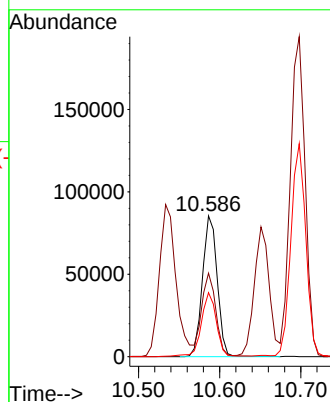
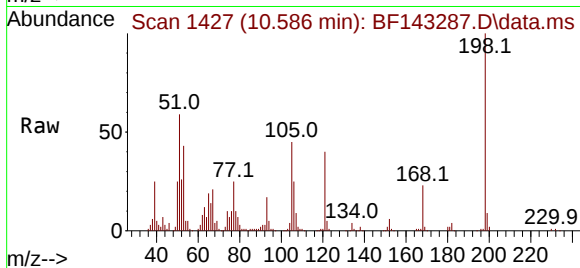




#65
4,6-Dinitro-2-methylphenol
Concen: 52.975 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

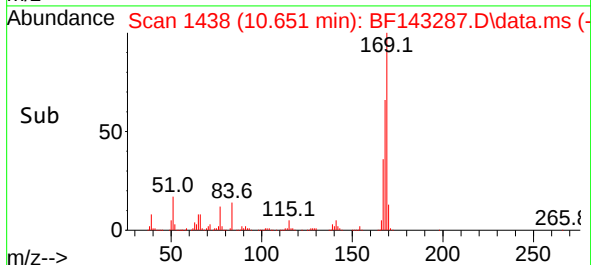
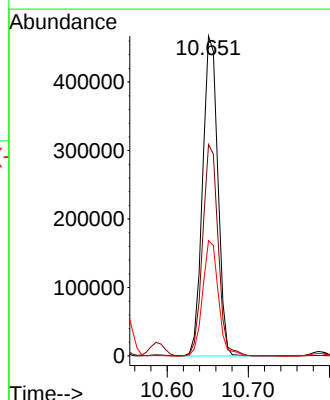
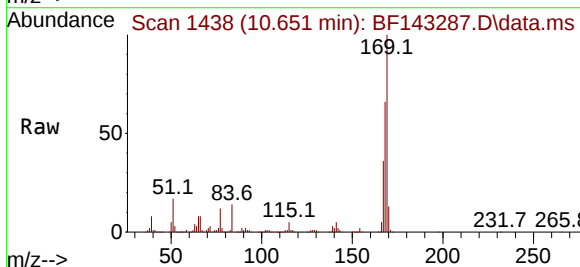
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

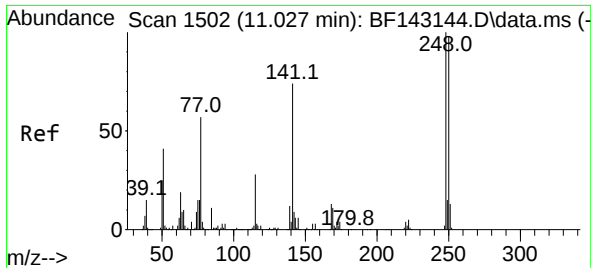
Tgt Ion:198 Resp: 107669
Ion Ratio Lower Upper
198 100
51 59.4 37.2 77.2
105 45.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 44.968 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:169 Resp: 606661
Ion Ratio Lower Upper
169 100
168 66.1 52.1 78.1
167 36.1 28.2 42.2

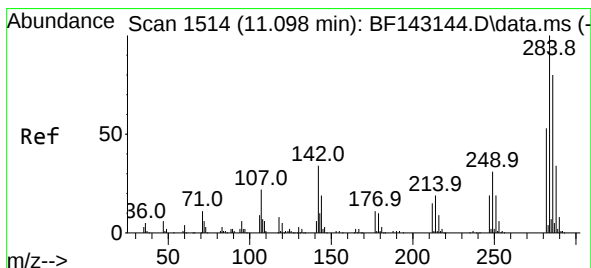
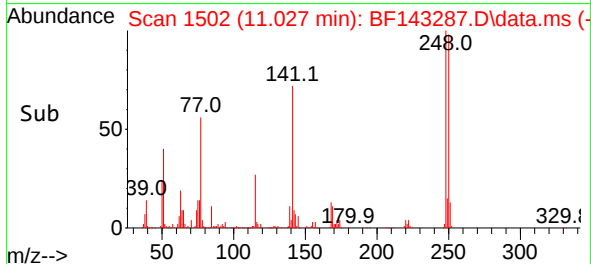
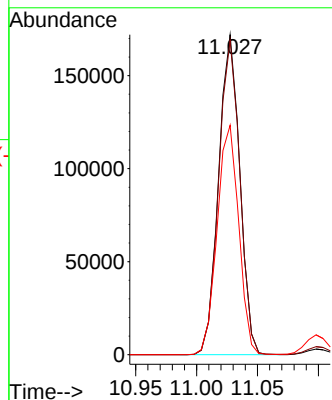
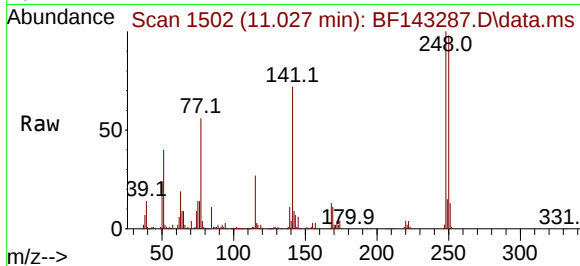




#67
4-Bromophenyl-phenylether
Concen: 45.625 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

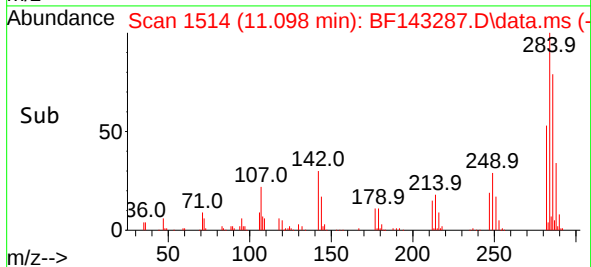
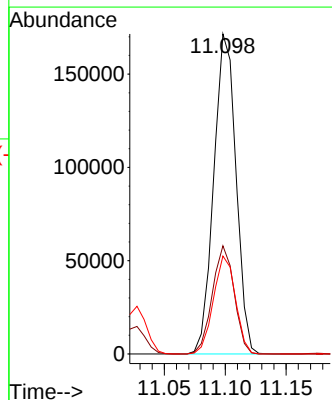
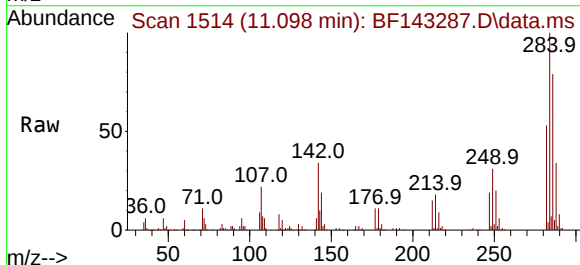
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

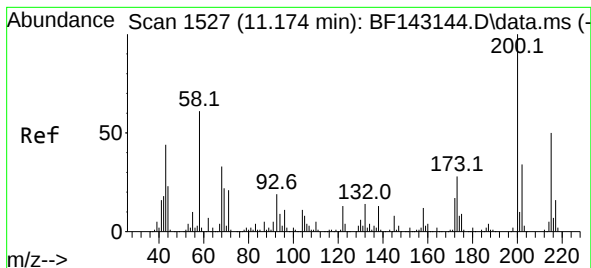
Tgt Ion:	248	Resp:	208314
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.3	117.5
141	71.7	59.2	88.8



#68
Hexachlorobenzene
Concen: 45.603 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:	284	Resp:	217629
Ion Ratio	Lower	Upper	
284	100		
142	33.8	27.0	40.6
249	30.6	25.0	37.6





#69

Atrazine

Concen: 47.264 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

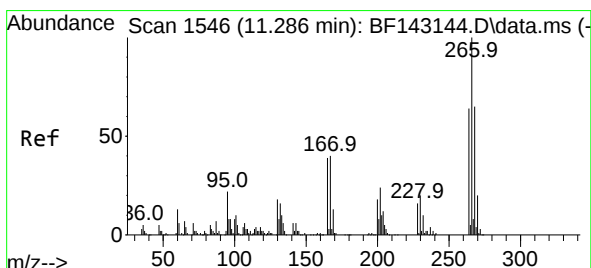
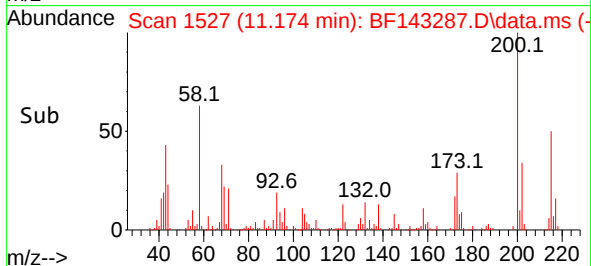
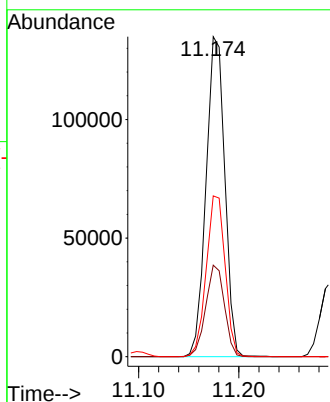
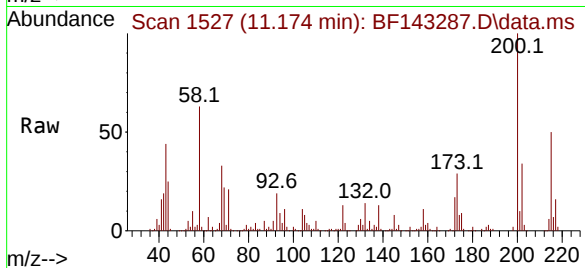
Tgt Ion:200 Resp: 175792

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 50.3 30.1 70.1



#70

Pentachlorophenol

Concen: 92.648 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

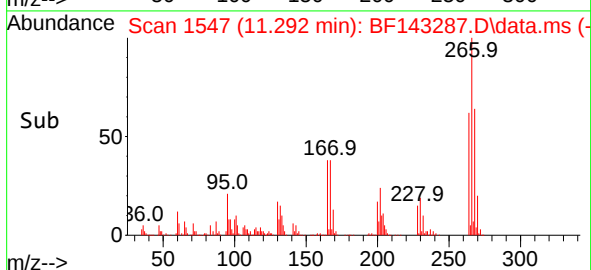
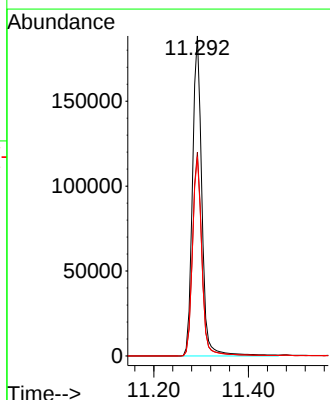
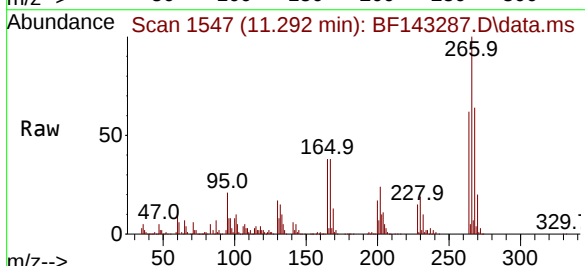
Tgt Ion:266 Resp: 260016

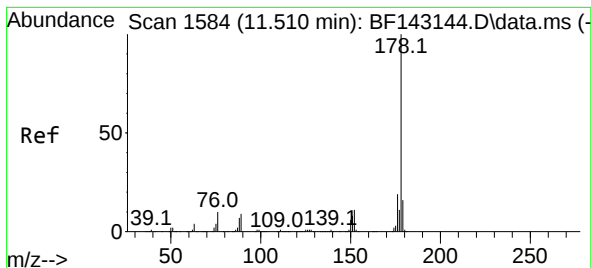
Ion Ratio Lower Upper

266 100

268 63.7 51.9 77.9

264 62.2 51.0 76.6





#71

Phenanthrene

Concen: 45.063 ng

RT: 11.510 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

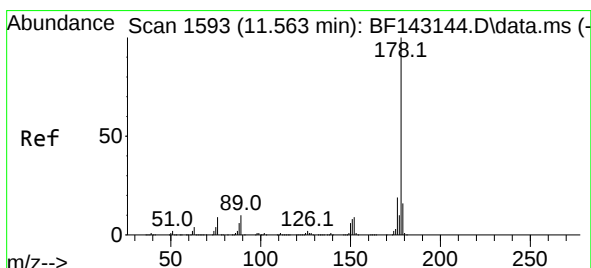
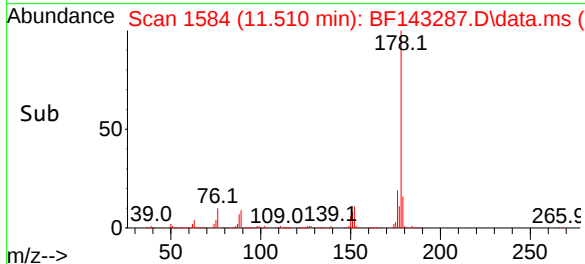
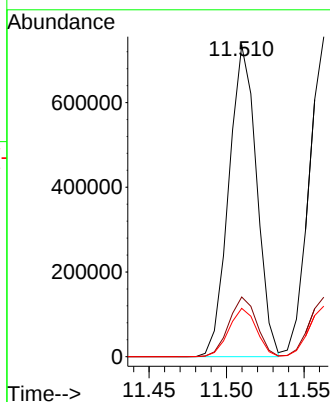
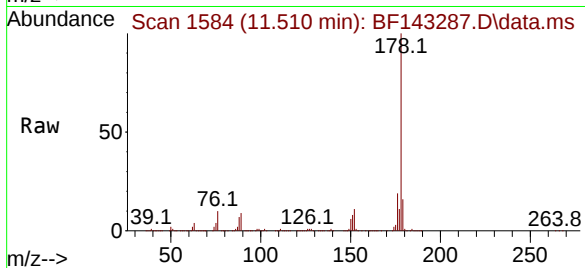
Tgt Ion:178 Resp: 916699

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 45.421 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

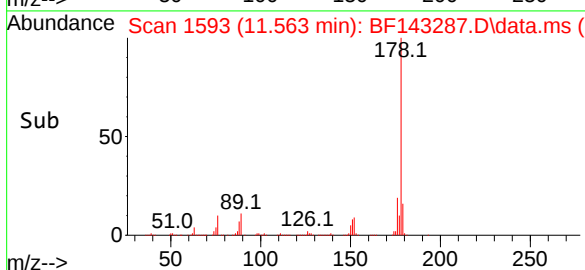
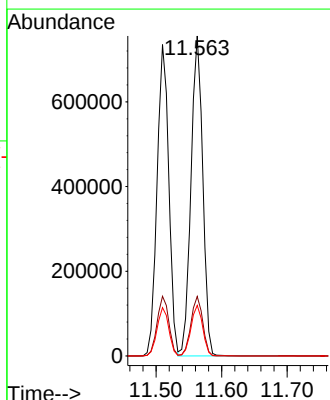
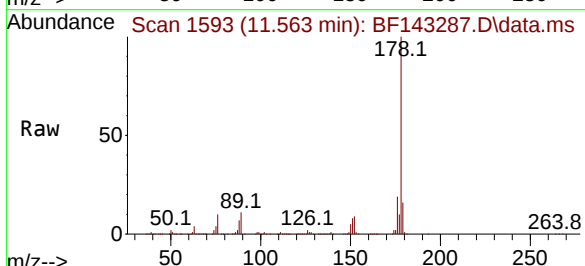
Tgt Ion:178 Resp: 942365

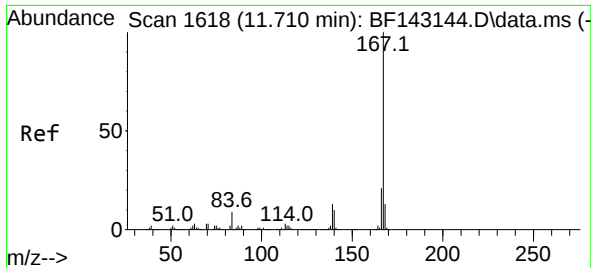
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.8 12.5 18.7

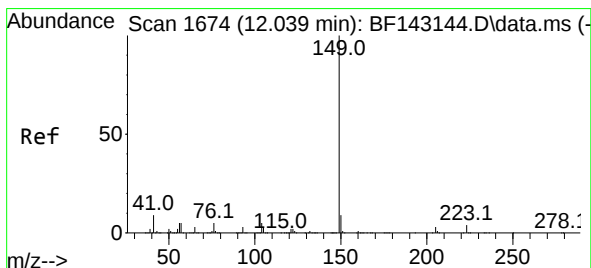
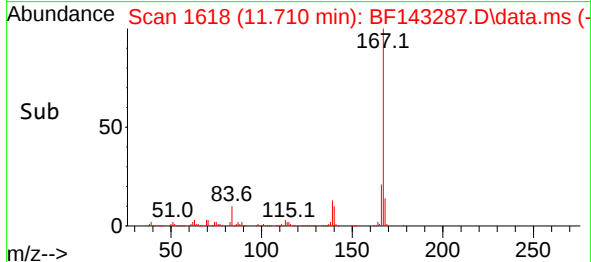
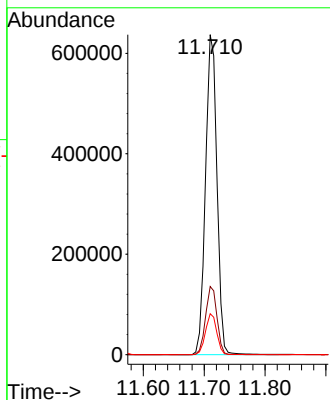
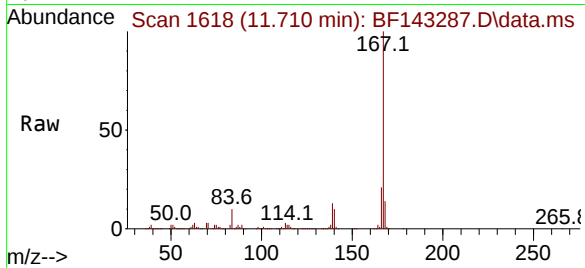




#73
 Carbazole
 Concen: 45.935 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

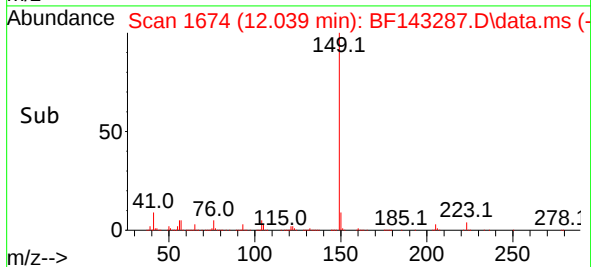
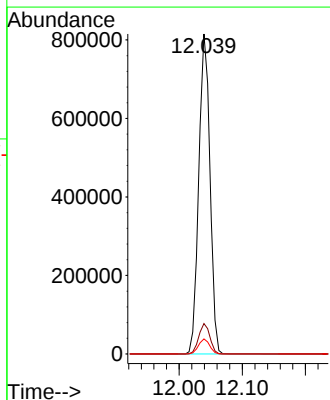
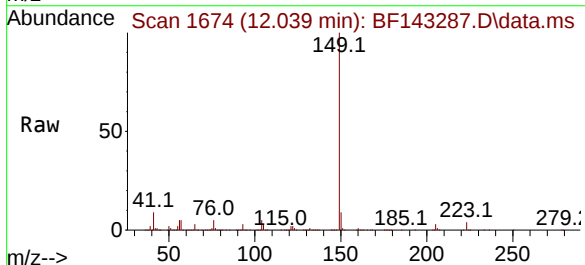
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MSD

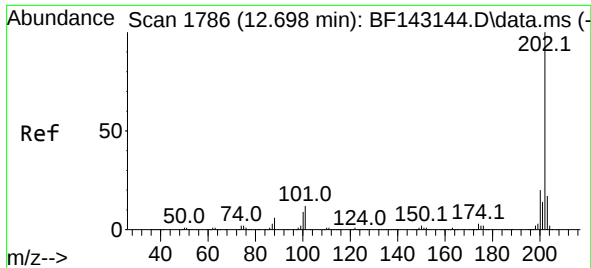
Tgt Ion:167 Resp: 832188
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.816 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

Tgt Ion:149 Resp: 1000677
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.7 3.8 5.8

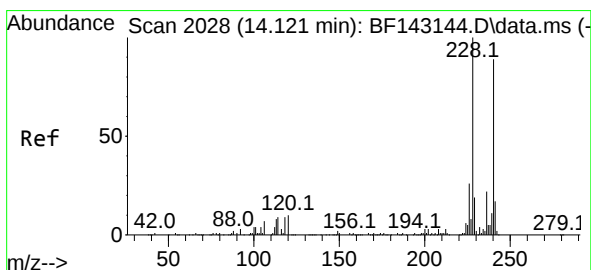
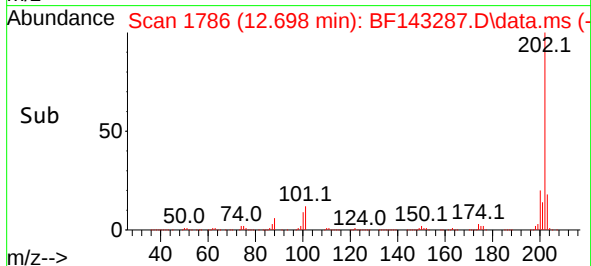
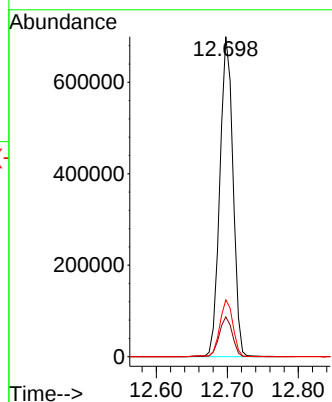
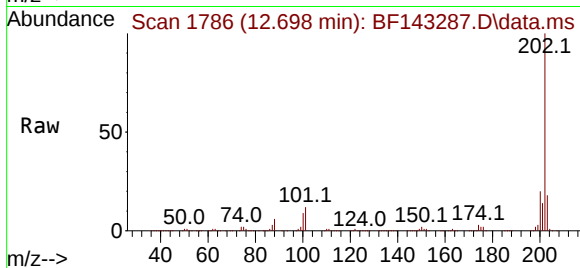




#75
Fluoranthene
Concen: 47.966 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

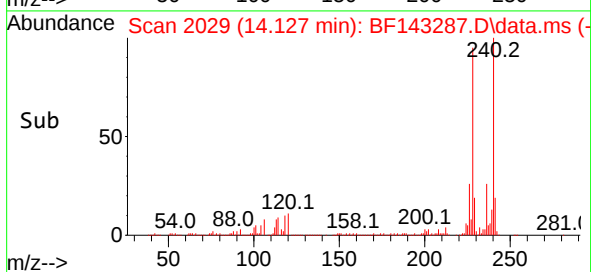
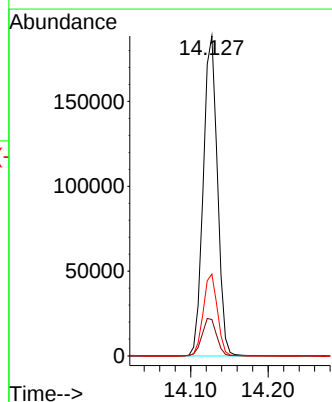
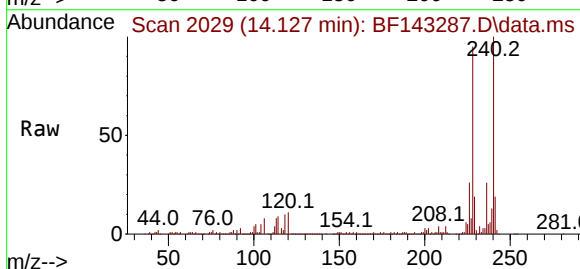
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

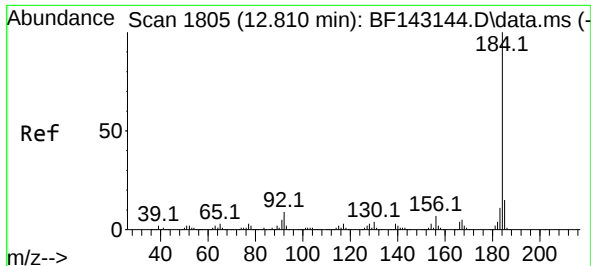
Tgt Ion:202 Resp: 895619
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

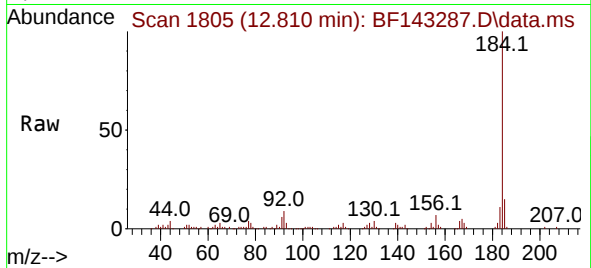
Tgt Ion:240 Resp: 239456
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.6 20.2 30.4



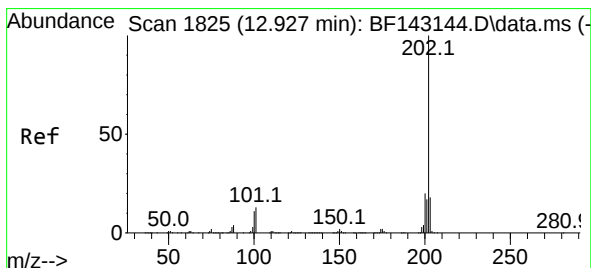
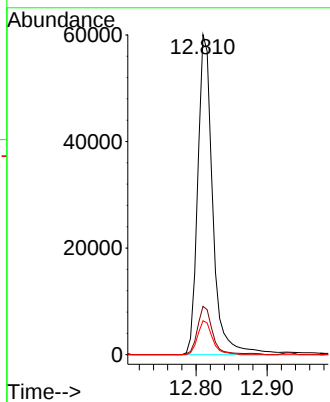
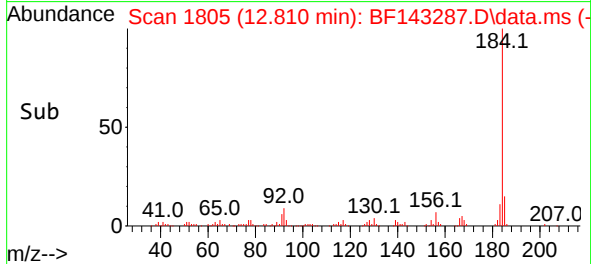


#77
Benzidine
Concen: 9.579 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

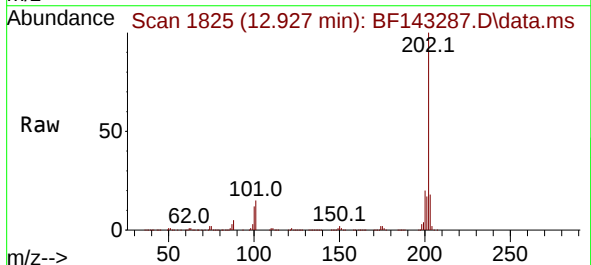
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD



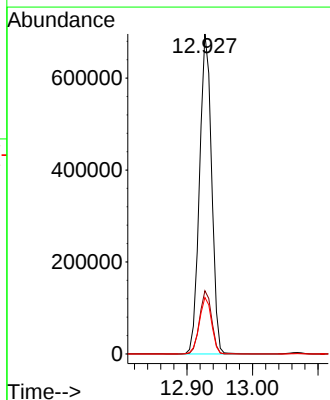
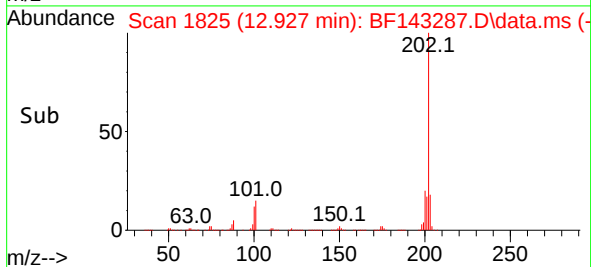
Tgt Ion:184 Resp: 88373
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 10.6 9.0 13.4



#78
Pyrene
Concen: 43.716 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30



Tgt Ion:202 Resp: 893391
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.7 14.2 21.2

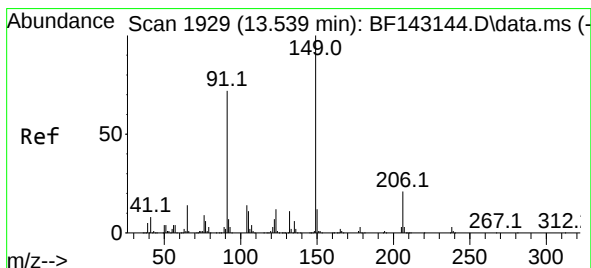
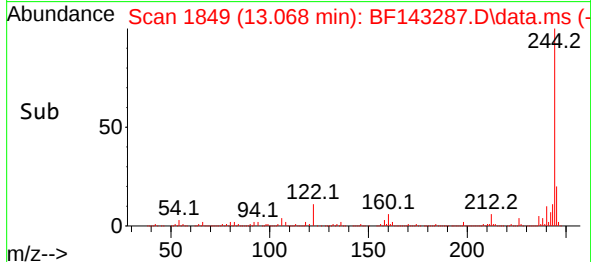
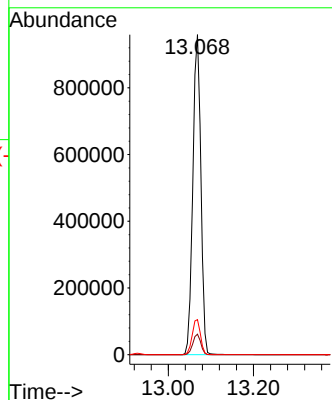
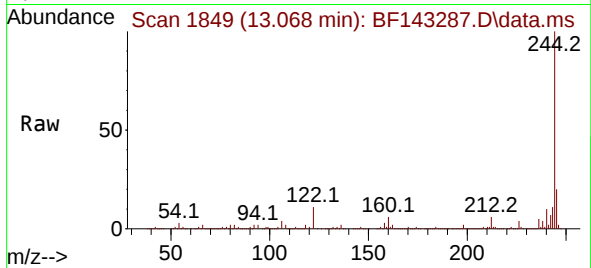




#79
 Terphenyl-d14
 Concen: 77.811 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

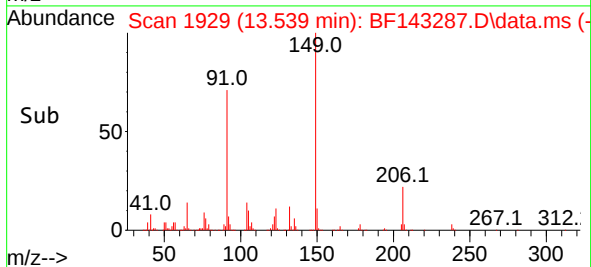
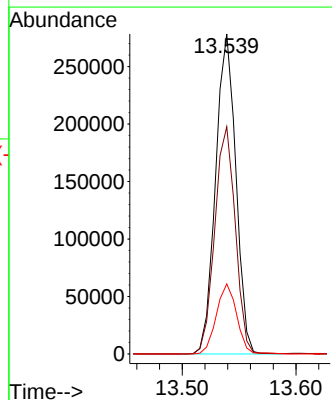
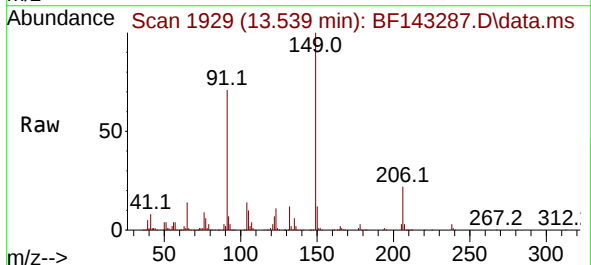
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MSD

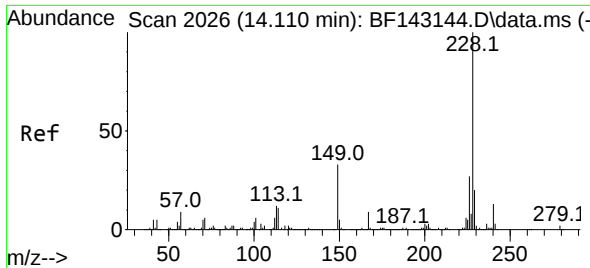
Tgt Ion:244 Resp: 1252080
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 55.157 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143287.D
 Acq: 01 Aug 2025 17:30

Tgt Ion:149 Resp: 345166
 Ion Ratio Lower Upper
 149 100
 91 71.0 57.9 86.9
 206 21.9 17.0 25.4

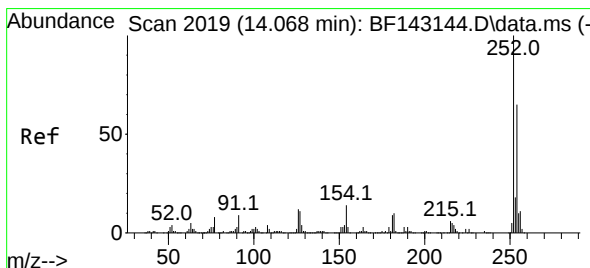
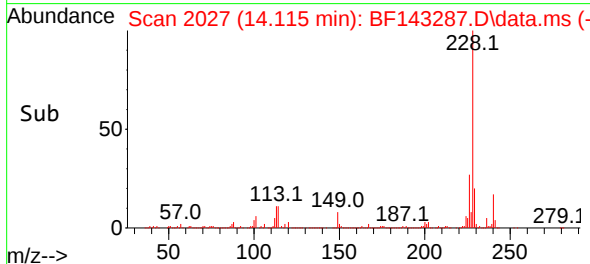
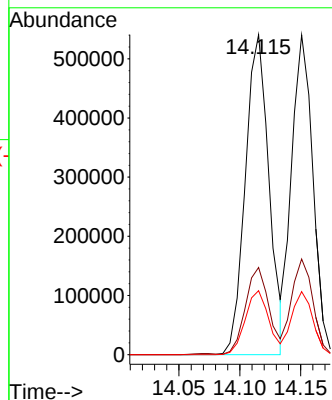
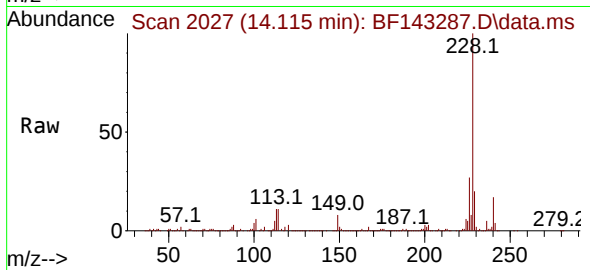




#81
Benzo(a)anthracene
Concen: 45.604 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

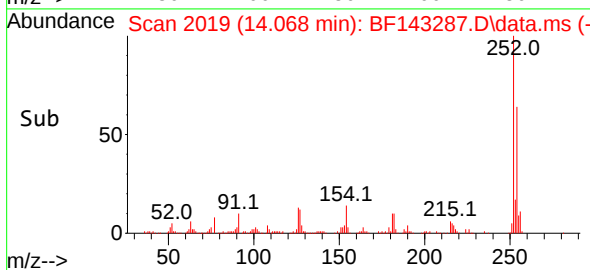
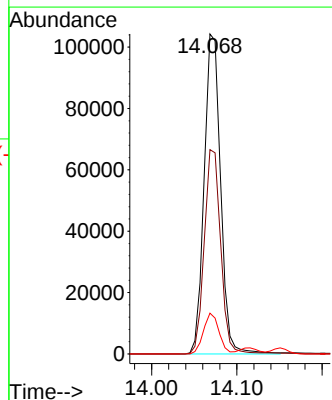
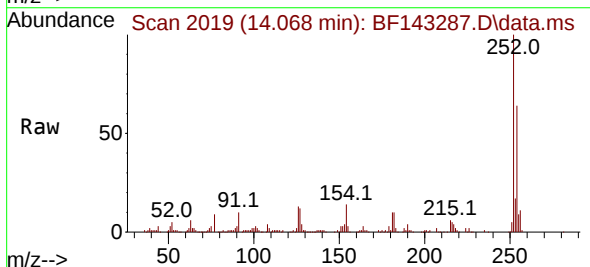
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

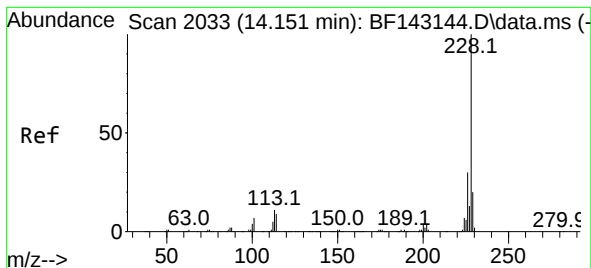
Tgt Ion:228 Resp: 731112
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 26.213 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:252 Resp: 140062
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 12.8 9.4 14.0





#83

Chrysene

Concen: 45.917 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143287.D

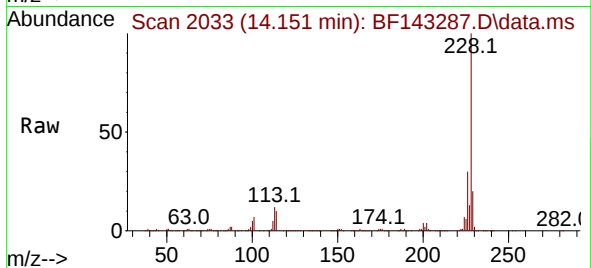
Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD



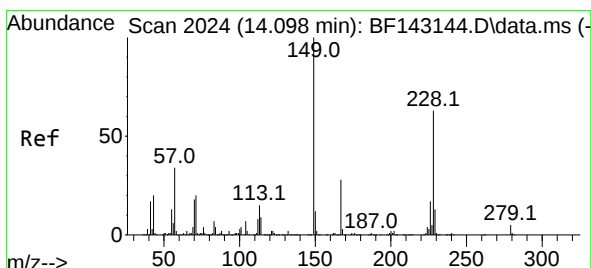
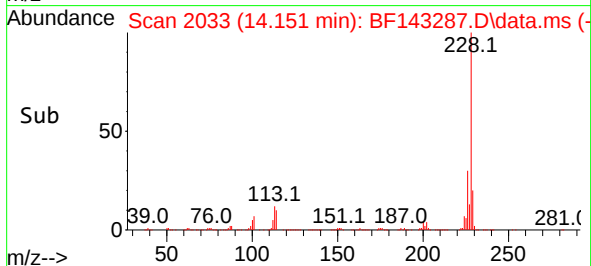
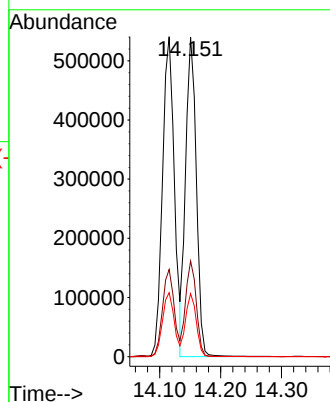
Tgt Ion:228 Resp: 661847

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.682 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

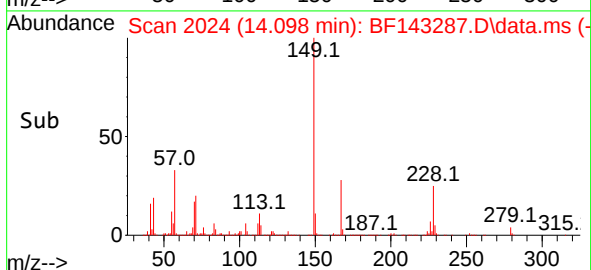
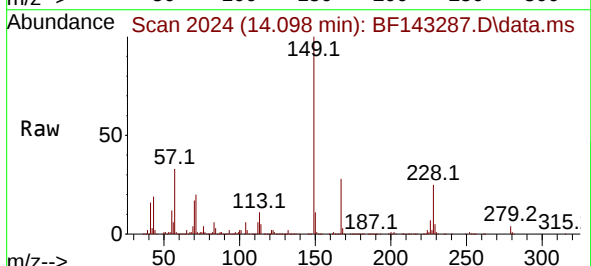
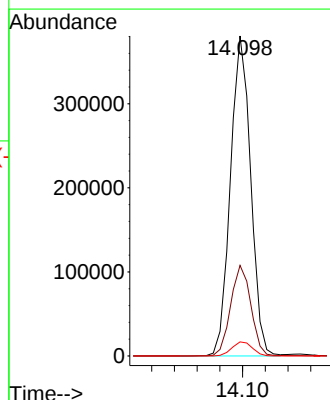
Tgt Ion:149 Resp: 470585

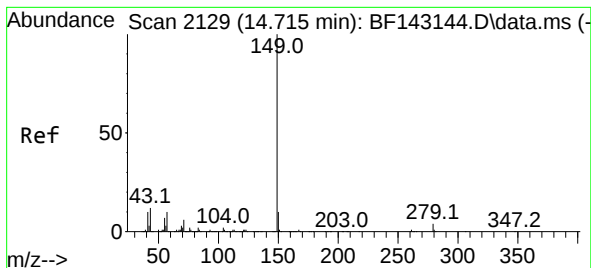
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.4 3.6 5.4

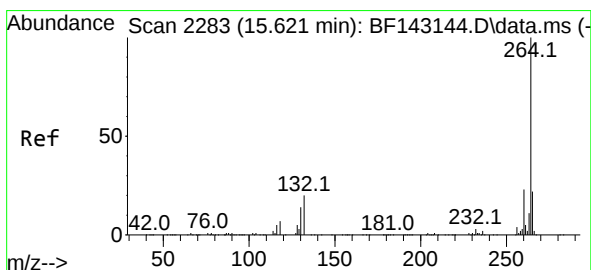
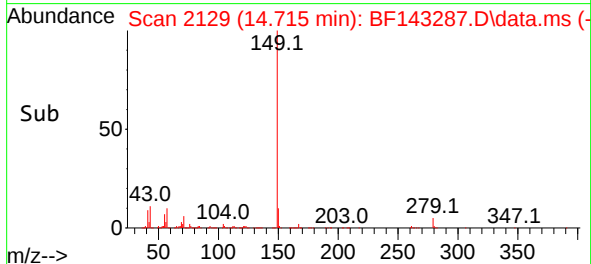
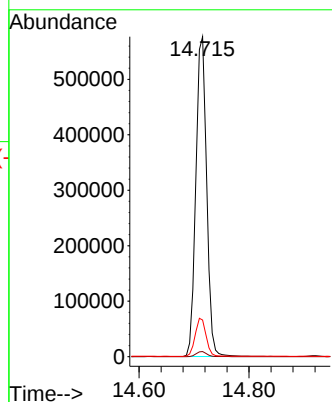
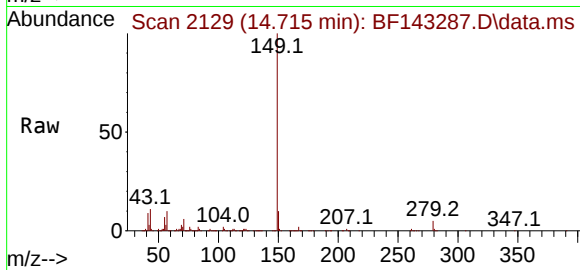




#85
Di-n-octyl phthalate
Concen: 45.720 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

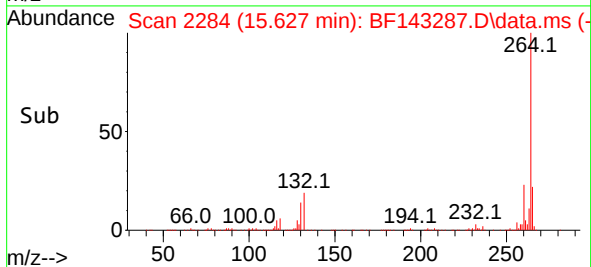
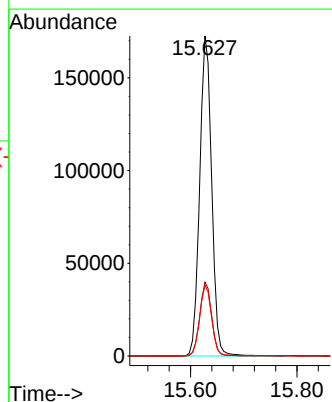
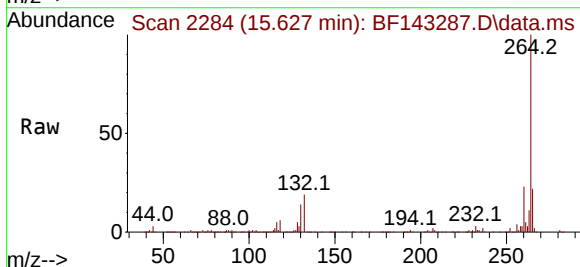
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

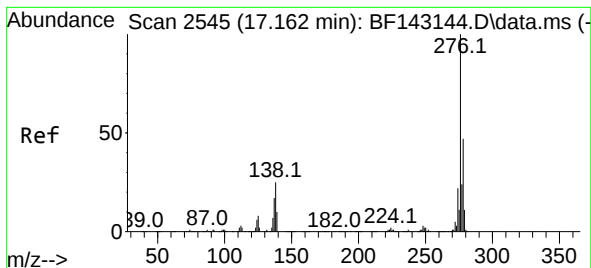
Tgt Ion:149 Resp: 784972
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.0 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:264 Resp: 269154
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.255 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

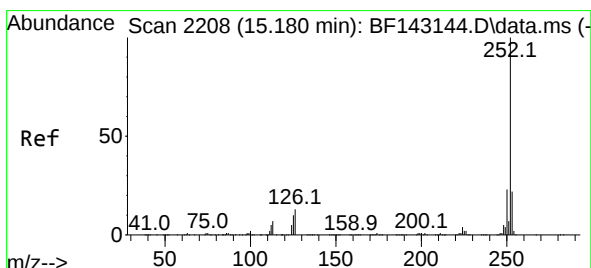
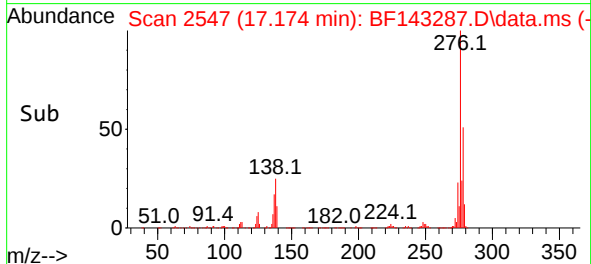
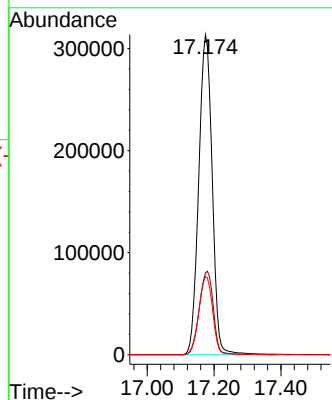
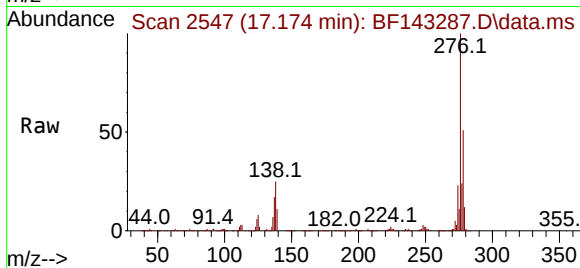
Tgt Ion:276 Resp: 877879

Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.929 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

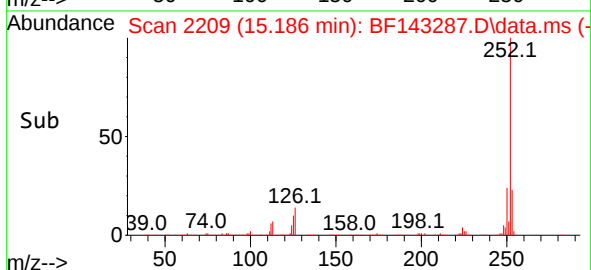
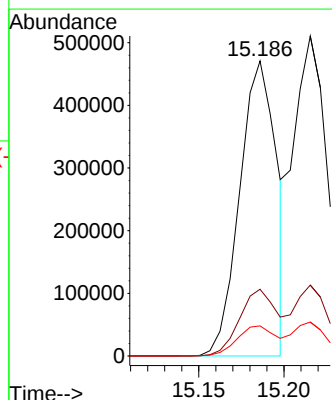
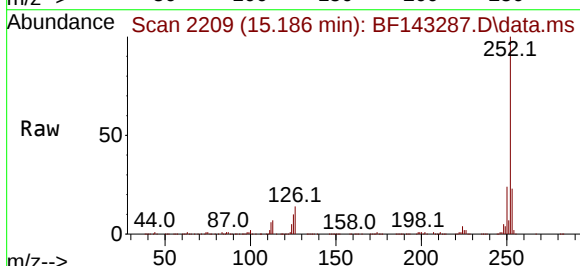
Tgt Ion:252 Resp: 705872

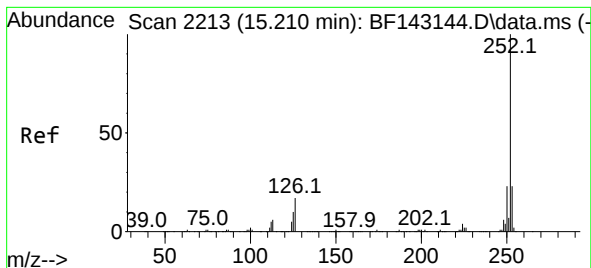
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 48.875 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MSD

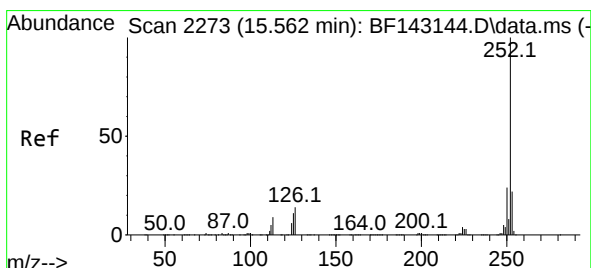
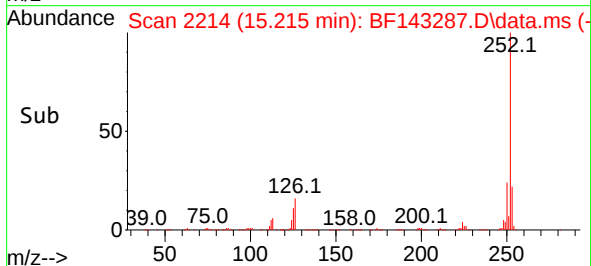
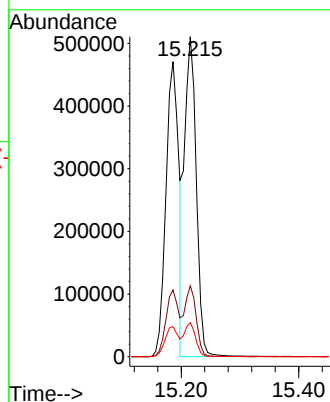
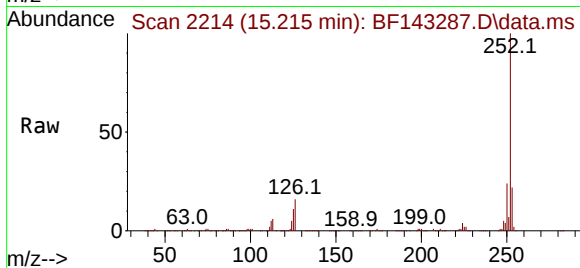
Tgt Ion:252 Resp: 717126

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.368 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143287.D

Acq: 01 Aug 2025 17:30

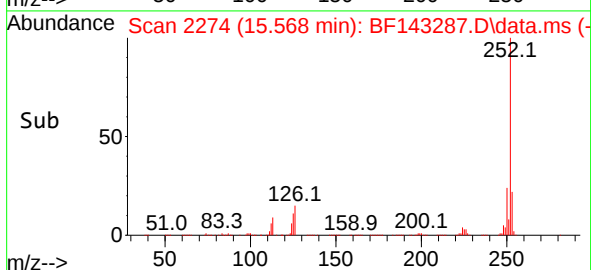
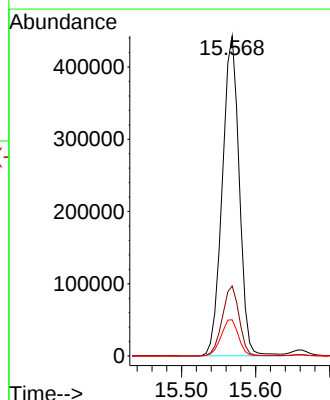
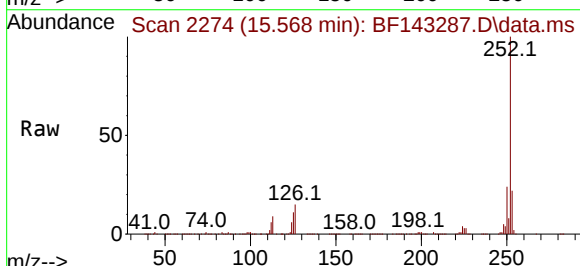
Tgt Ion:252 Resp: 702450

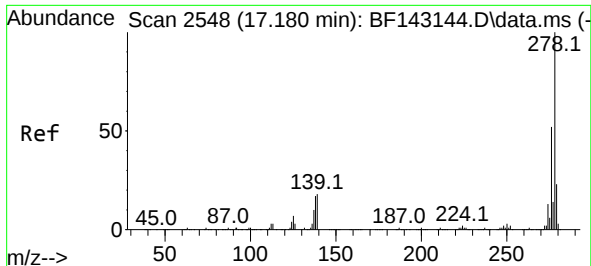
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.3 8.6 13.0

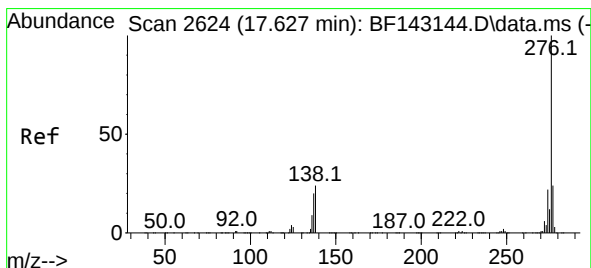
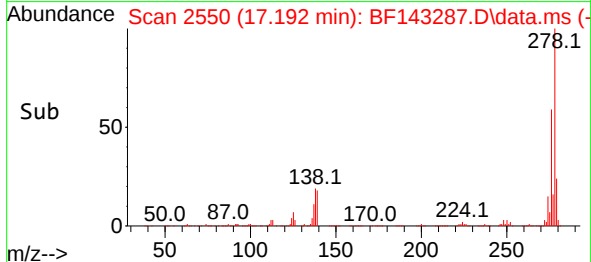
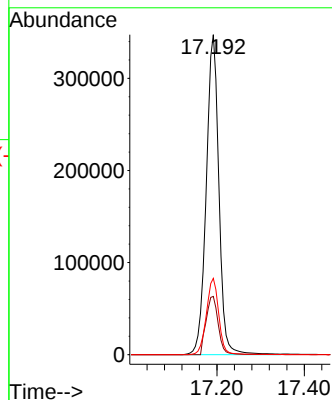
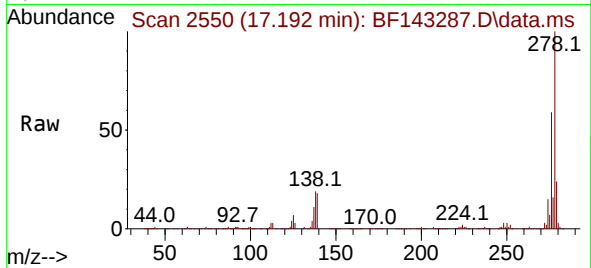




#91
Dibenzo(a,h)anthracene
Concen: 45.357 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Tgt Ion:278 Resp: 700666
Ion Ratio Lower Upper
278 100
139 18.2 14.1 21.1
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.304 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143287.D
Acq: 01 Aug 2025 17:30

Tgt Ion:276 Resp: 691921
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 24.2 18.9 28.3

