

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143412.D
 Acq On : 15 Aug 2025 10:16
 Operator : RC/JU
 Sample : Q2858-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ 216

Quant Time: Aug 15 10:59:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	143533	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	503033	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	223564	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	314055	20.000	ng	0.00
76) Chrysene-d12	14.110	240	289005	20.000	ng	0.02
86) Perylene-d12	15.610	264	329308	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	611064	73.620	ng	0.00
7) Phenol-d6	6.563	99	757024	71.122	ng	0.00
23) Nitrobenzene-d5	7.487	82	492659	60.989	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	128389	78.580	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	854795	64.837	ng	0.00
79) Terphenyl-d14	13.039	244	817700	50.514	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	67087	10.200	ng	# 79
25) Isophorone	7.487	82	483076	29.295	ng	# 65
32) Benzoic acid	8.016	122	506	3.666	ng	# 81
37) 2-Methylnaphthalene	8.928	142	44589	2.802	ng	99
46) 1,1'-Biphenyl	9.387	154	31828	2.014	ng	97
48) 2-Nitroaniline	9.481	65	493	2.895	ng	# 6
49) Acenaphthylene	9.828	152	95368	5.305	ng	99
51) 2,6-Dinitrotoluene	9.969	165	36408	16.782	ng	# 22
52) Acenaphthene	9.998	154	318522	26.650	ng	99
54) 2,4-Dinitrophenol	10.234	184	56	5.625	ng	# 41
55) Dibenzofuran	10.175	168	326138	18.959	ng	100
56) 4-Nitrophenol	10.175	139	121445	58.390	ng	# 7
57) 2,4-Dinitrotoluene	10.128	165	7720	5.219	ng	# 46
58) Fluorene	10.516	166	439780	33.471	ng	99
62) 4-Nitroaniline	10.516	138	5431	2.098	ng	# 29
63) Azobenzene	10.675	77	59001	4.415	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.757	198	334	7.484	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	8679	2.416	ng	# 1
70) Pentachlorophenol	11.275	266	3351	7.559	ng	99
71) Phenanthrene	11.486	178	2183591	127.436	ng	99
72) Anthracene	11.533	178	685307	39.437	ng	99
73) Carbazole	11.681	167	181807	12.285	ng	99
75) Fluoranthene	12.686	202	4537730	302.328	ng	96
78) Pyrene	12.686	202	4522820	186.549	ng	98
80) Butylbenzylphthalate	13.510	149	1814	3.703	ng	# 63
81) Benzo(a)anthracene	14.098	228	1867606	101.672	ng	95
83) Chrysene	14.133	228	1481681	86.506	ng	96
84) Bis(2-ethylhexyl)phtha...	14.074	149	27511	7.569	ng	95
85) Di-n-octyl phthalate	14.692	149	25823	7.634	ng	# 70
87) Indeno(1,2,3-cd)pyrene	17.127	276	382213	16.200	ng	95
88) Benzo(b)fluoranthene	15.174	252	2753354	152.865	ng	98
89) Benzo(k)fluoranthene	15.174	252	2753354	157.318	ng	98
90) Benzo(a)pyrene	15.545	252	1037617	61.165	ng	98
91) Dibenzo(a,h)anthracene	17.310	278	72178	3.829	ng	95
92) Benzo(g,h,i)perylene	17.592	276	301389	15.873	ng	99

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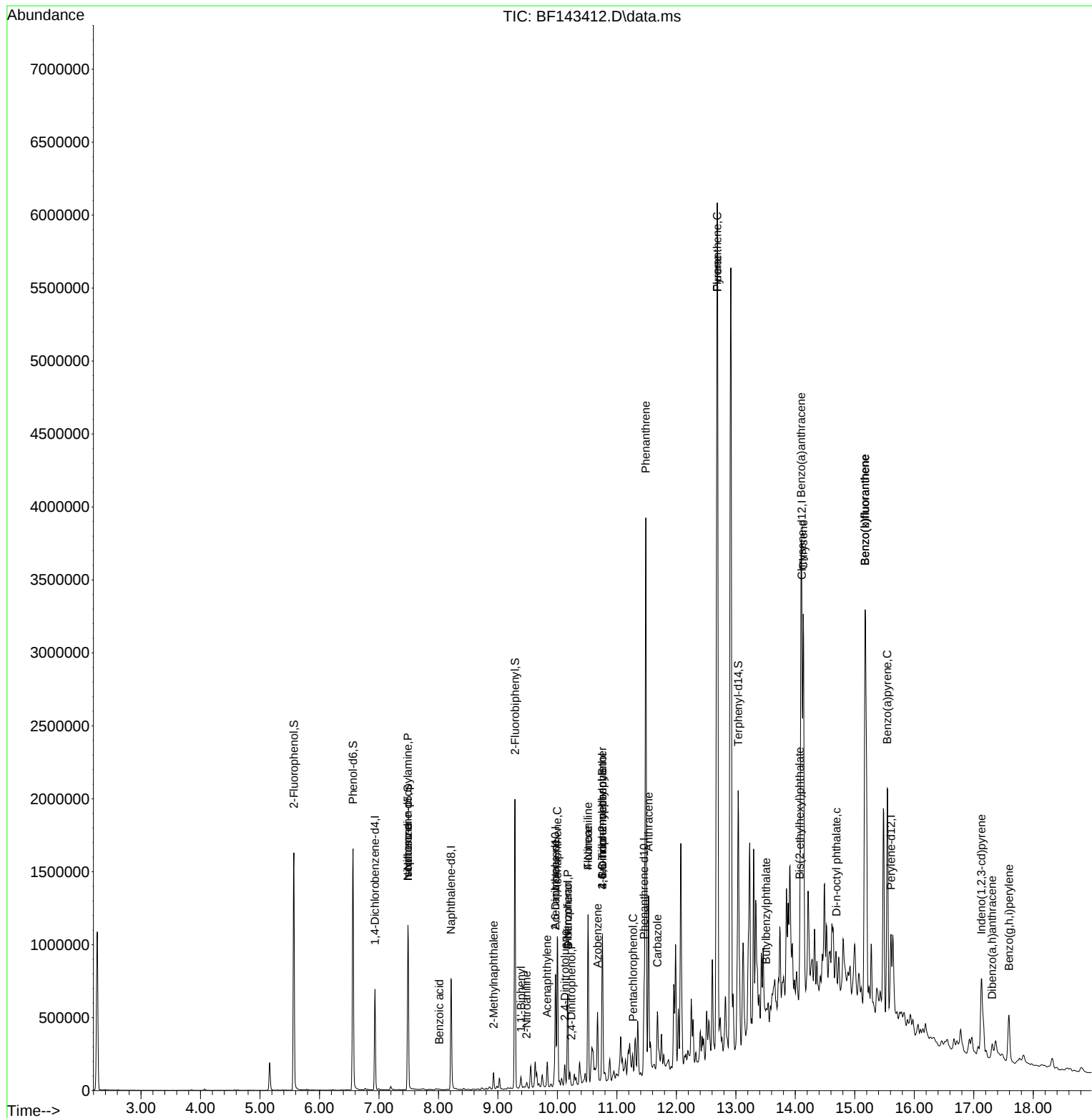
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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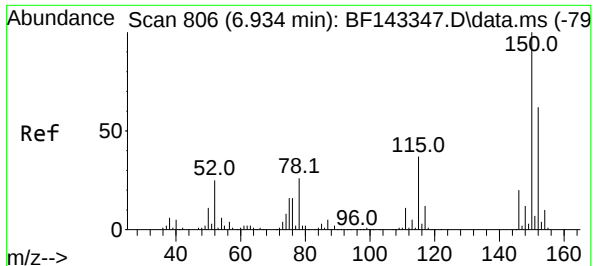
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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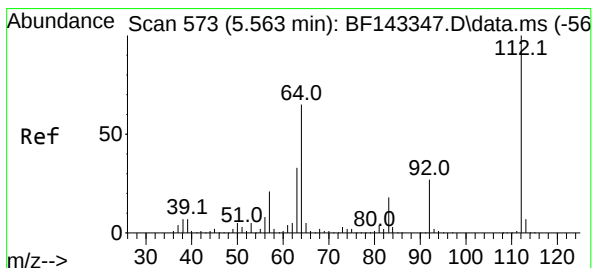
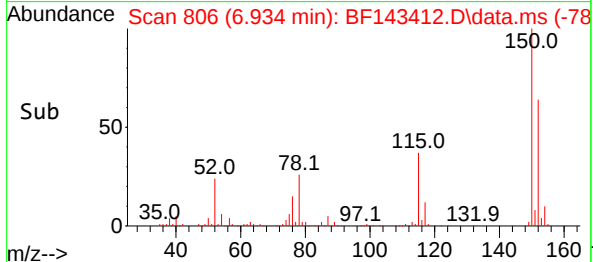
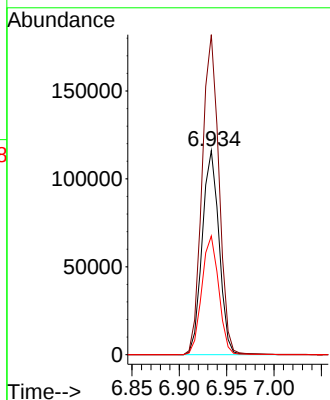
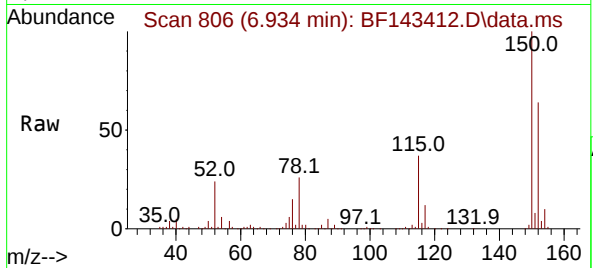




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143412.D
 Acq: 15 Aug 2025 10:16

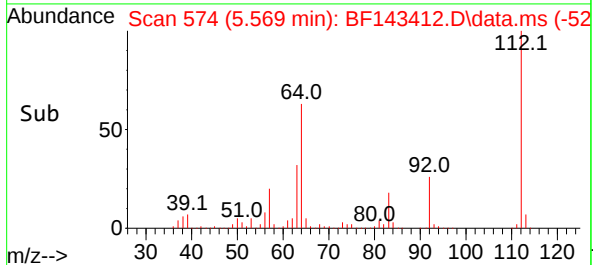
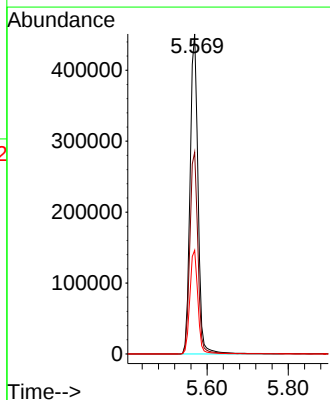
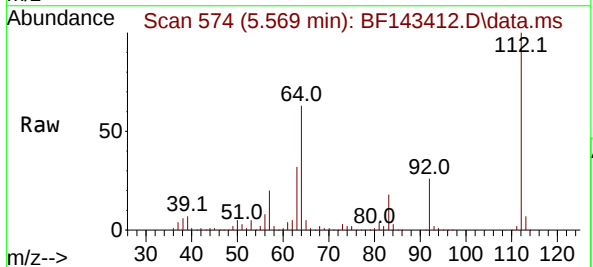
Instrument :
 BNA_F
 ClientSampleId :
 VNJ 216

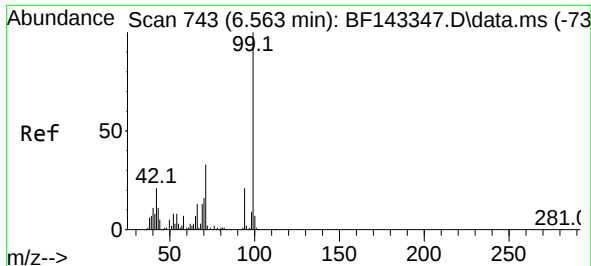
Tgt Ion:152 Resp: 143533
 Ion Ratio Lower Upper
 152 100
 150 156.9 129.8 194.8
 115 58.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 73.620 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143412.D
 Acq: 15 Aug 2025 10:16

Tgt Ion:112 Resp: 611064
 Ion Ratio Lower Upper
 112 100
 64 63.0 52.1 78.1
 63 32.4 26.6 39.8



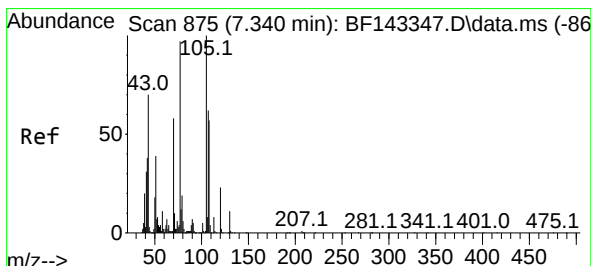
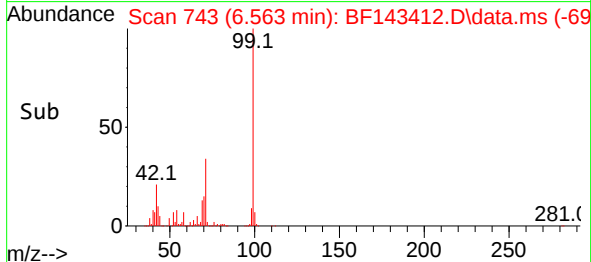
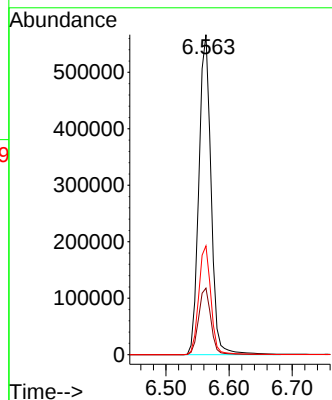
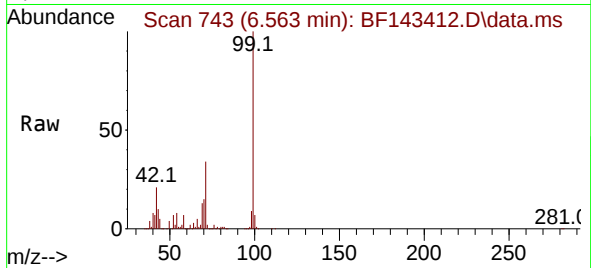


#7
Phenol-d6
Concen: 71.122 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Tgt Ion: 99 Resp: 757024

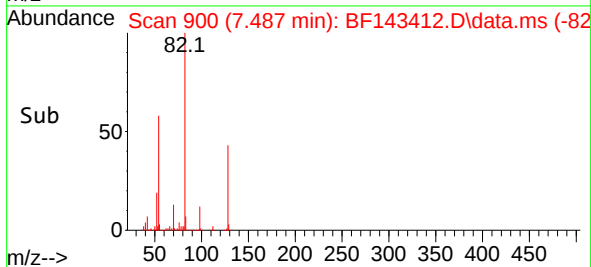
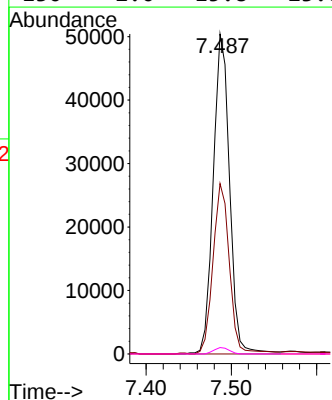
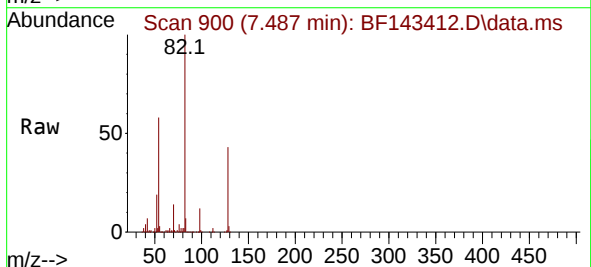
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	34.0	26.2	39.2

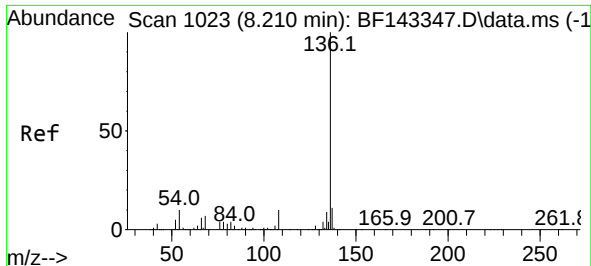


#19
n-Nitroso-di-n-propylamine
Concen: 10.200 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion: 70 Resp: 67087

Ion	Ratio	Lower	Upper
70	100		
42	53.3	51.6	77.4
101	0.0	7.5	11.3#
130	2.0	15.8	23.6#

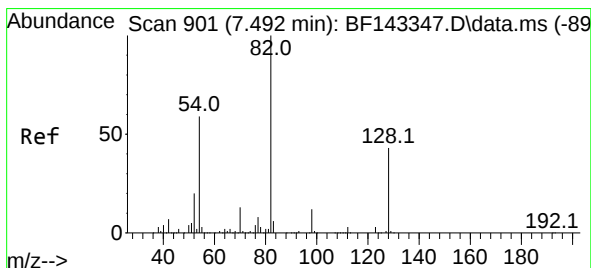
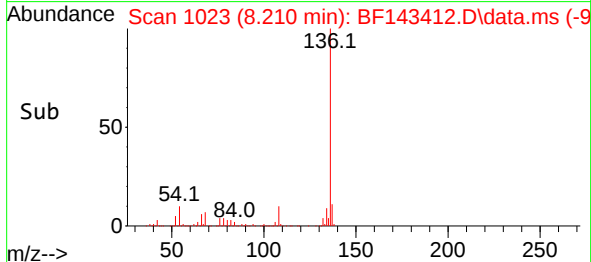
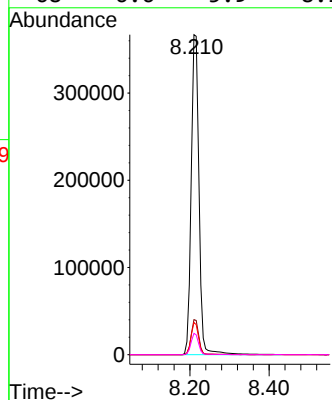
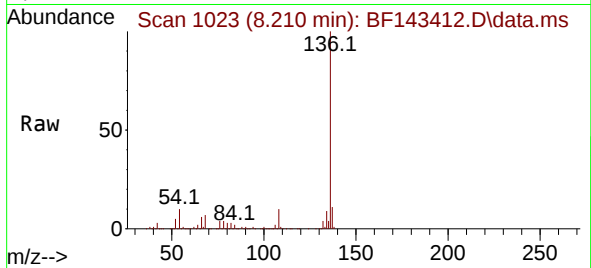




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

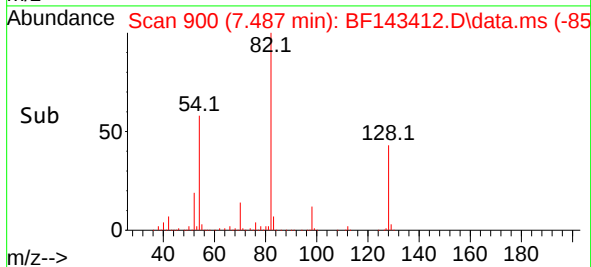
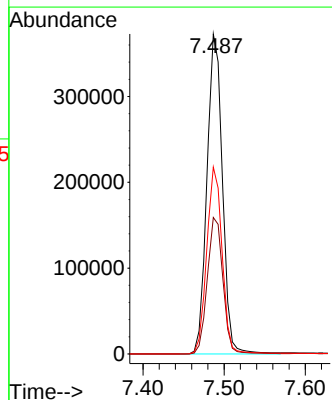
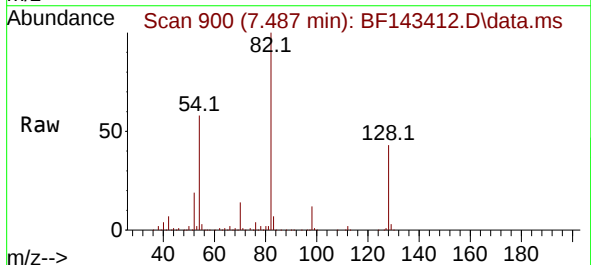
Instrument :
BNA_F
ClientSampleId :
VNJ 216

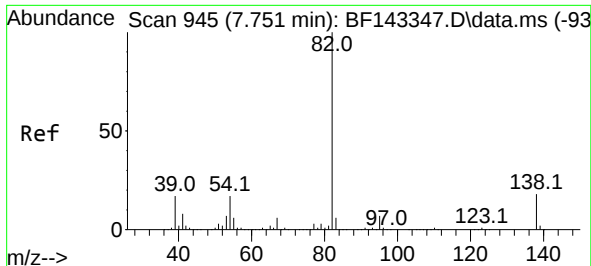
Tgt Ion:	136	Resp:	503033
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.0	8.4	12.6
68	6.6	5.9	8.9



#23
Nitrobenzene-d5
Concen: 60.989 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:	82	Resp:	492659
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.5	50.3
54	58.4	46.7	70.1

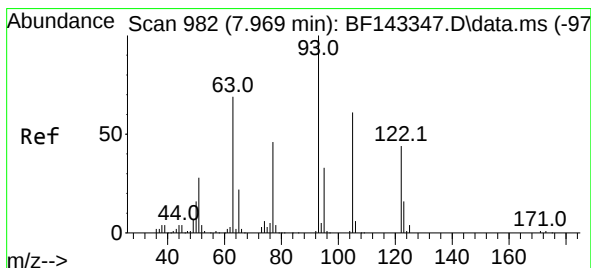
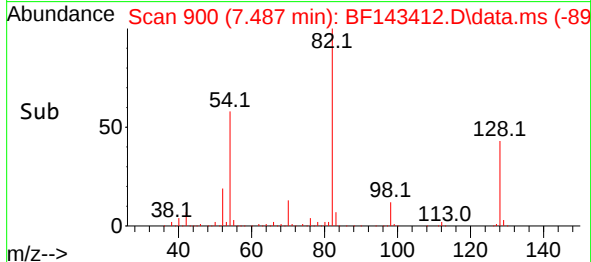
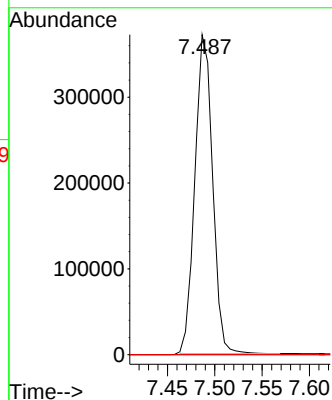
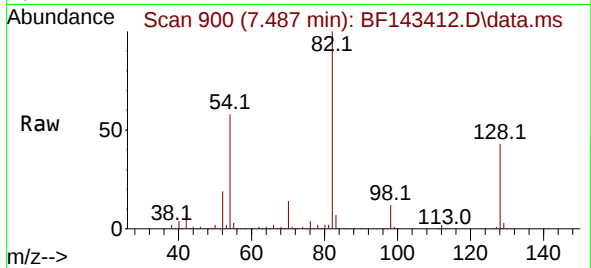




#25
Isophorone
Concen: 29.295 ng
RT: 7.487 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

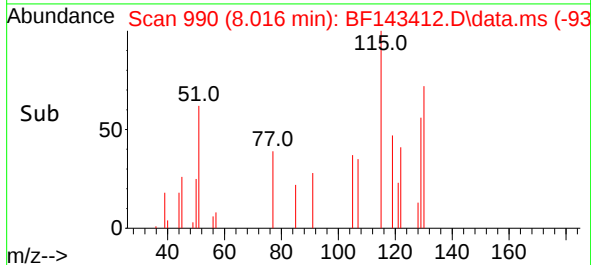
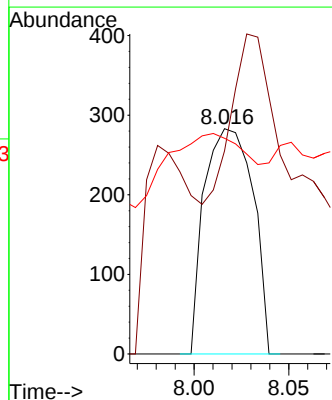
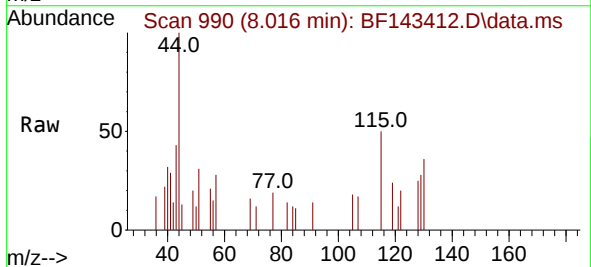
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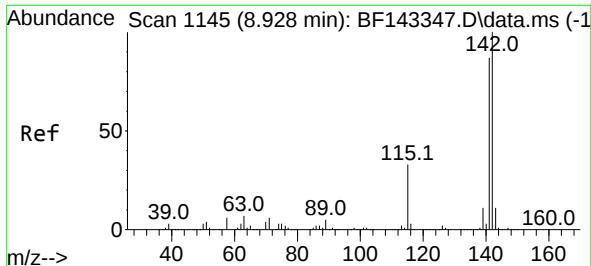
Tgt Ion: 82 Resp: 483076
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 3.666 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.047 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:122 Resp: 506
Ion Ratio Lower Upper
122 100
105 90.1 106.4 146.4#
77 95.8 79.2 119.2





#37

2-Methylnaphthalene

Concen: 2.802 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

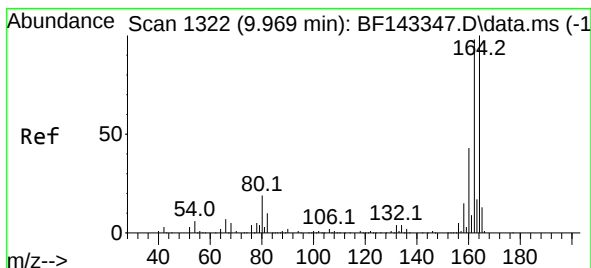
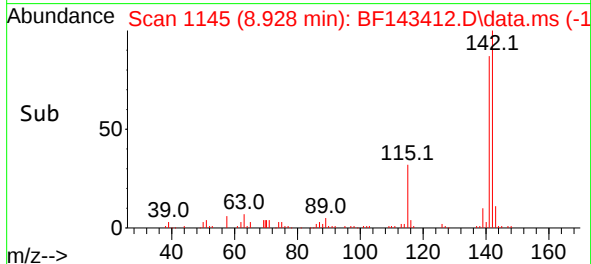
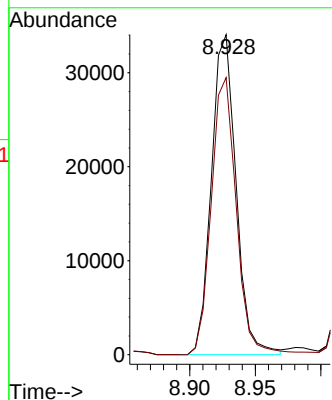
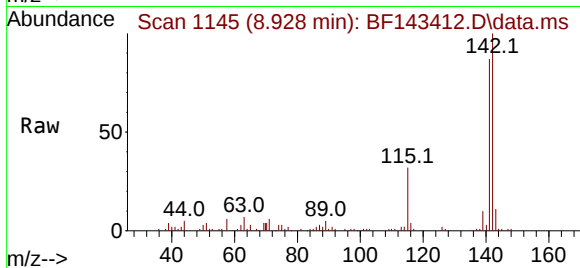
VNJ 216

Tgt Ion:142 Resp: 44589

Ion Ratio Lower Upper

142 100

141 86.6 69.8 104.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

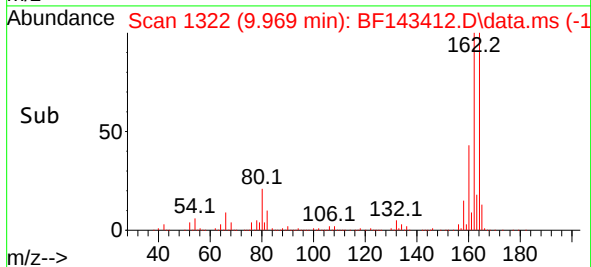
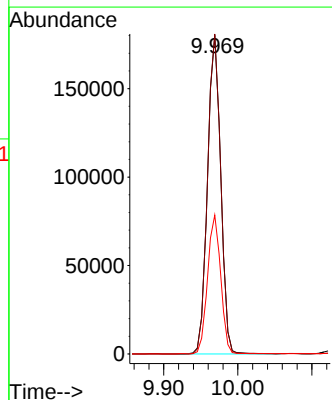
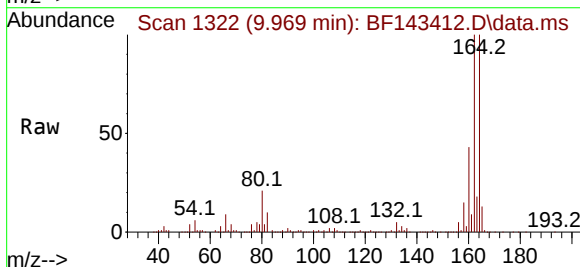
Tgt Ion:164 Resp: 223564

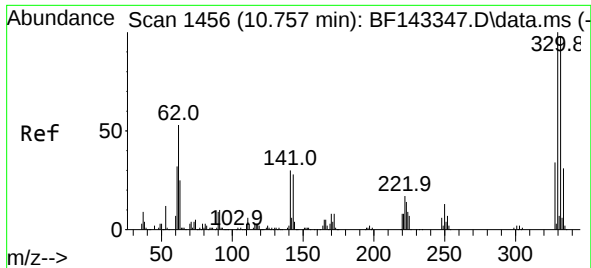
Ion Ratio Lower Upper

164 100

162 100.4 78.6 118.0

160 43.6 34.4 51.6

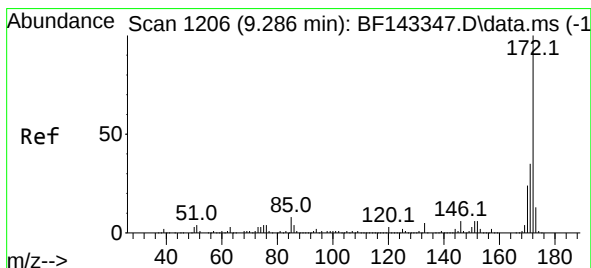
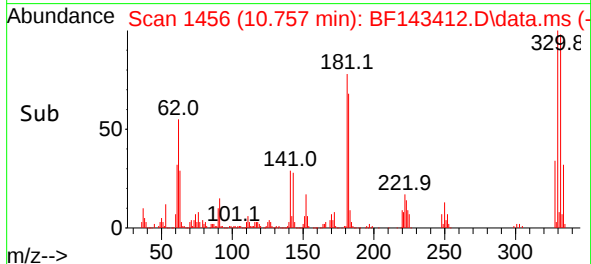
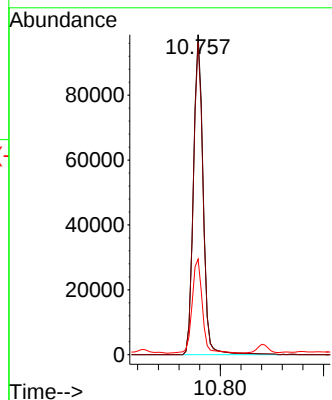
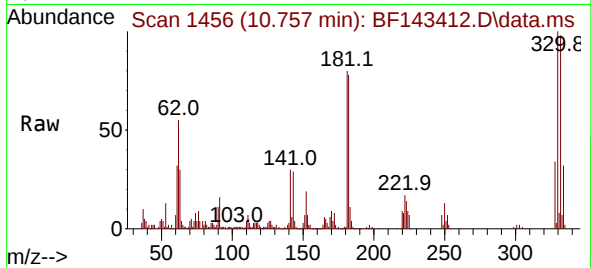




#42
 2,4,6-Tribromophenol
 Concen: 78.580 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BF143412.D
 Acq: 15 Aug 2025 10:16

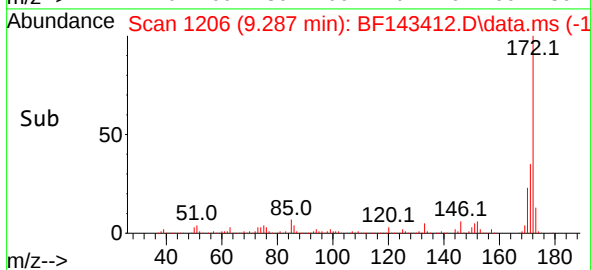
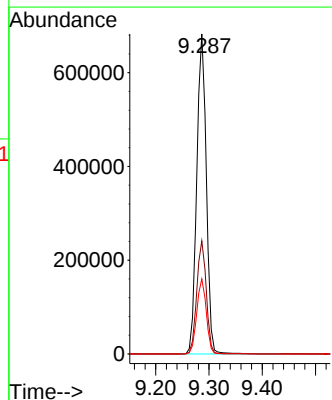
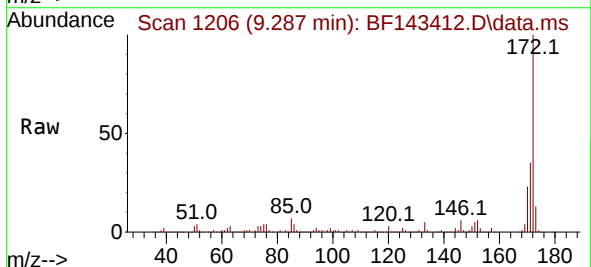
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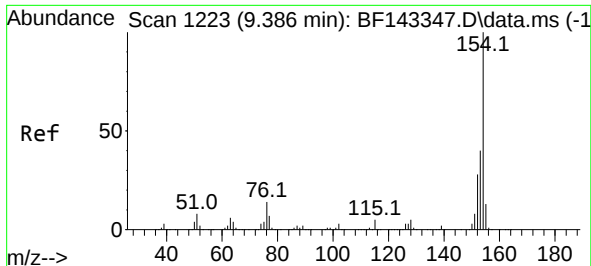
Tgt Ion:330 Resp: 128389
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.1 117.1
 141 30.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 64.837 ng
 RT: 9.287 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF143412.D
 Acq: 15 Aug 2025 10:16

Tgt Ion:172 Resp: 854795
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.4 19.1 28.7





#46

1,1'-Biphenyl

Concen: 2.014 ng

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

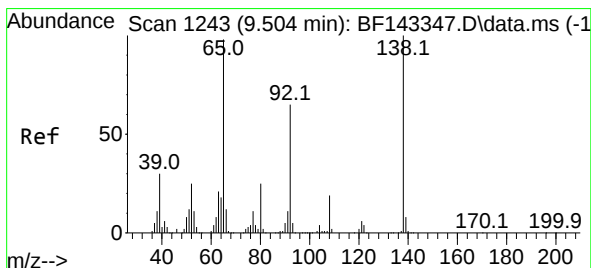
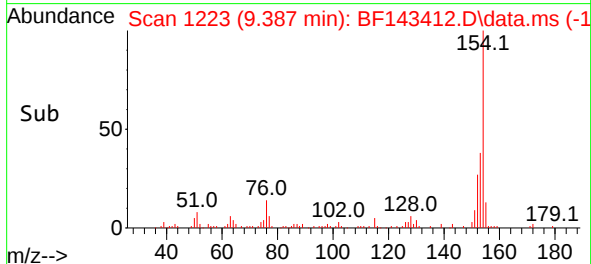
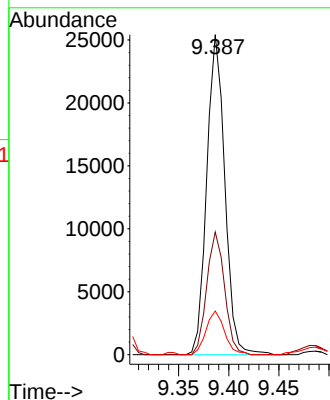
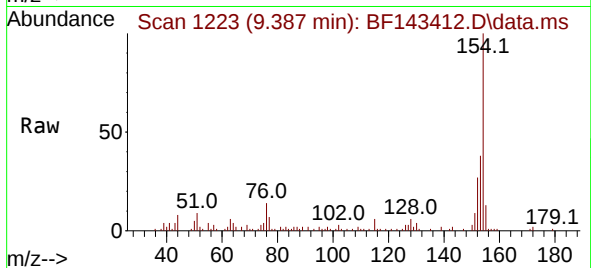
Tgt Ion:154 Resp: 31828

Ion Ratio Lower Upper

154 100

153 38.3 20.2 60.2

76 13.7 0.0 34.4



#48

2-Nitroaniline

Concen: 2.895 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.023 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

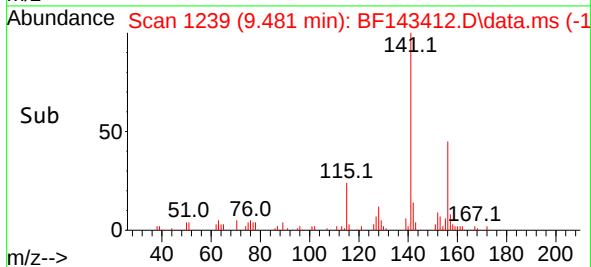
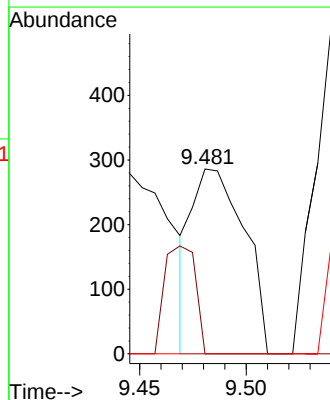
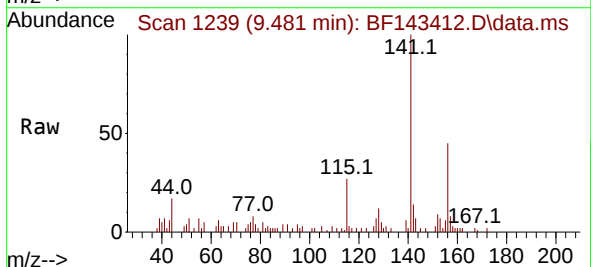
Tgt Ion: 65 Resp: 493

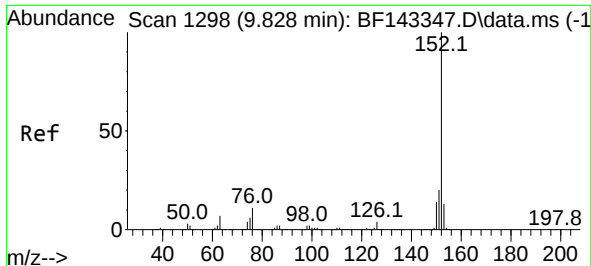
Ion Ratio Lower Upper

65 100

92 0.0 53.1 79.7#

138 0.0 81.4 122.0#

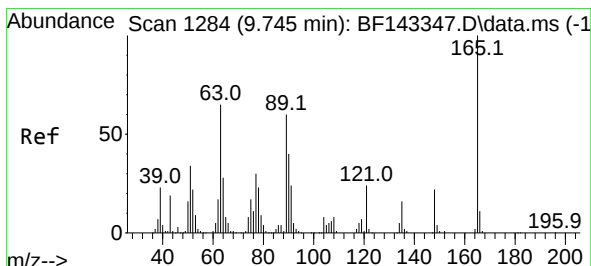
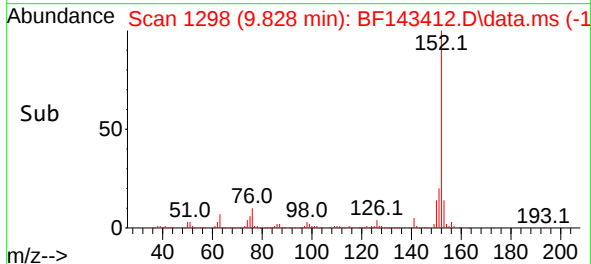
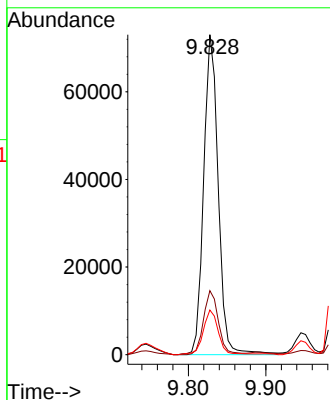
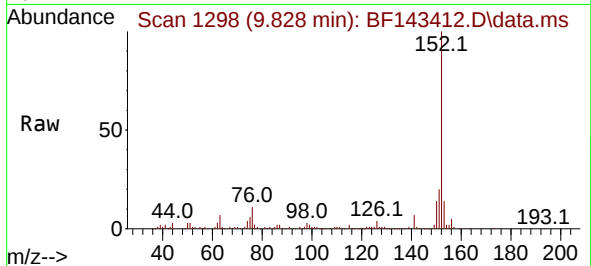




#49
Acenaphthylene
Concen: 5.305 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

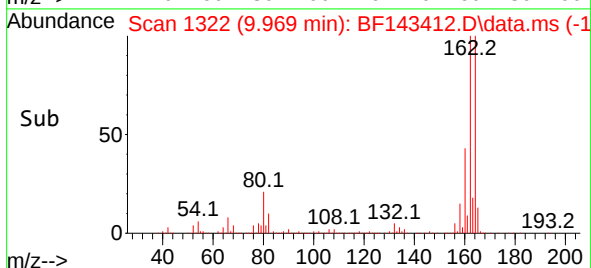
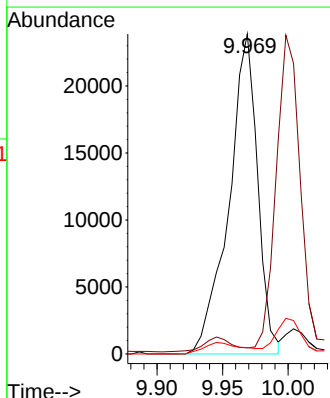
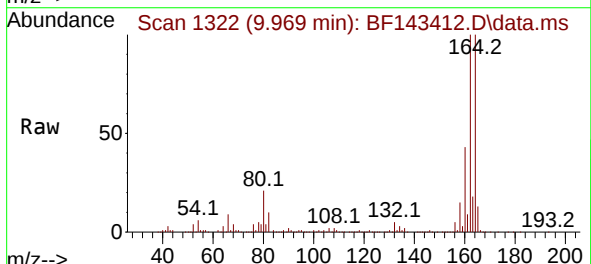
Instrument :
BNA_F
ClientSampleId :
VNJ 216

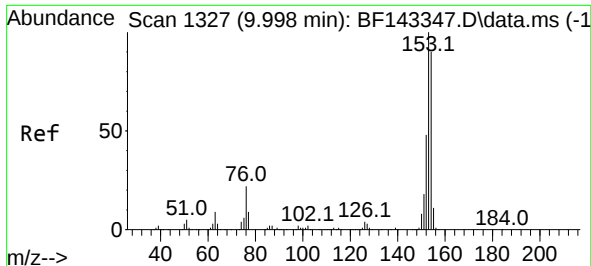
Tgt Ion:152 Resp: 95368
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 14.0 10.6 16.0



#51
2,6-Dinitrotoluene
Concen: 16.782 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.224 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:165 Resp: 36408
Ion Ratio Lower Upper
165 100
63 1.9 51.6 77.4#
89 2.0 47.7 71.5#

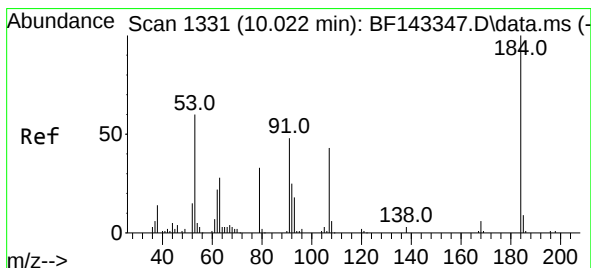
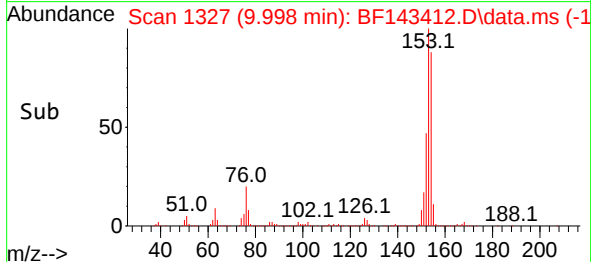
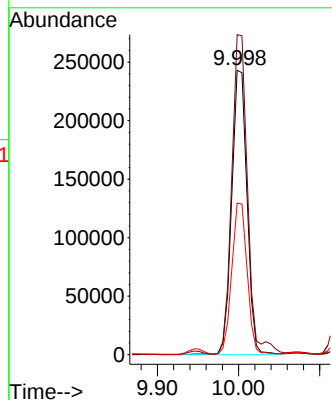
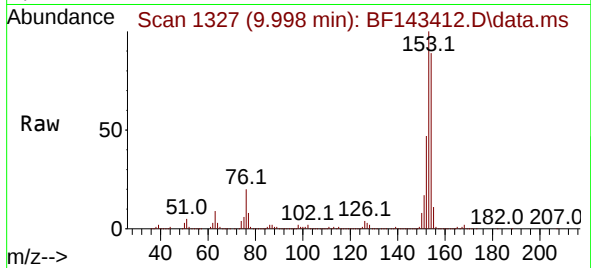




#52
Acenaphthene
Concen: 26.650 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

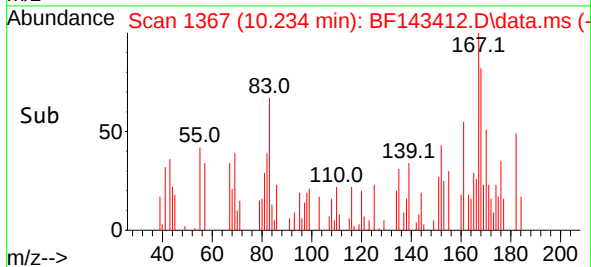
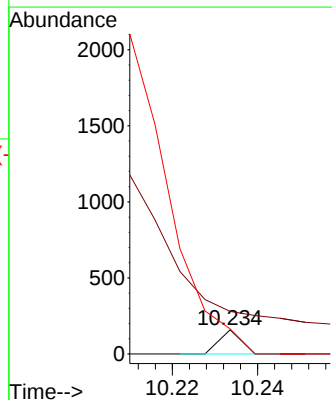
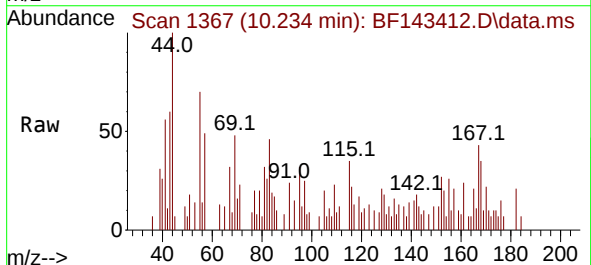
Instrument :
BNA_F
ClientSampleId :
VNJ 216

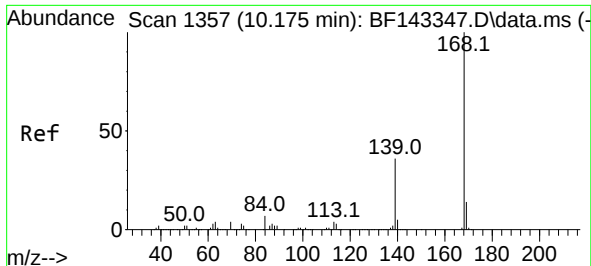
Tgt Ion:154 Resp: 318522
Ion Ratio Lower Upper
154 100
153 112.5 88.5 132.7
152 53.2 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 5.625 ng
RT: 10.234 min Scan# 1367
Delta R.T. 0.212 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 176.1 62.5 93.7#
154 103.8 73.0 109.4

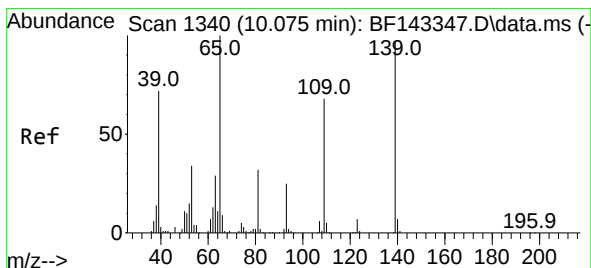
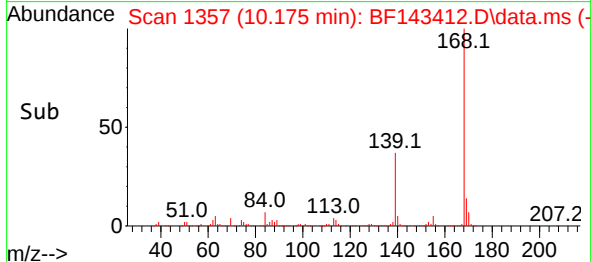
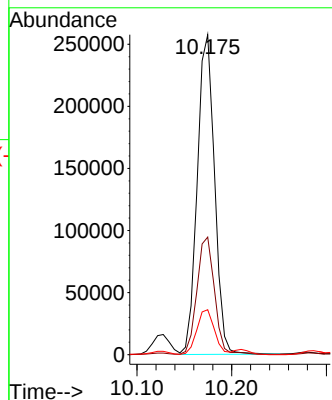
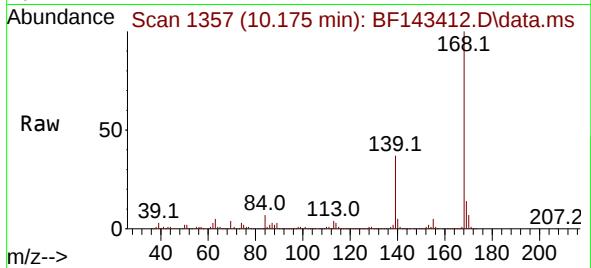




#55
Dibenzofuran
Concen: 18.959 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

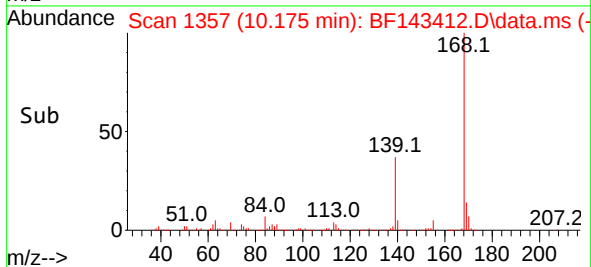
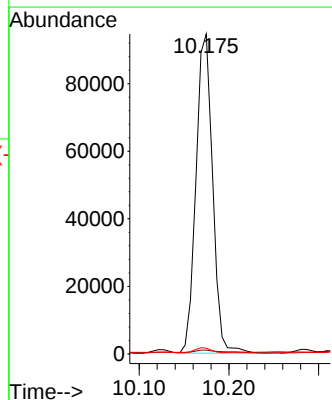
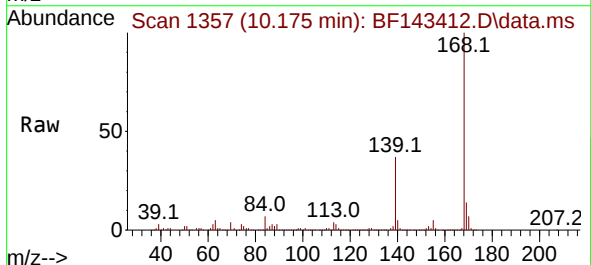
Instrument :
BNA_F
ClientSampleId :
VNJ 216

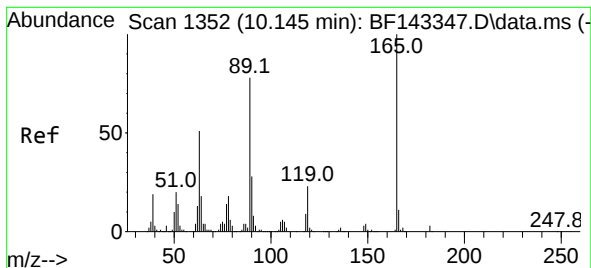
Tgt Ion:168 Resp: 326138
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 58.390 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.100 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:139 Resp: 121445
Ion Ratio Lower Upper
139 100
109 1.2 49.4 89.4#
65 1.8 83.7 123.7#

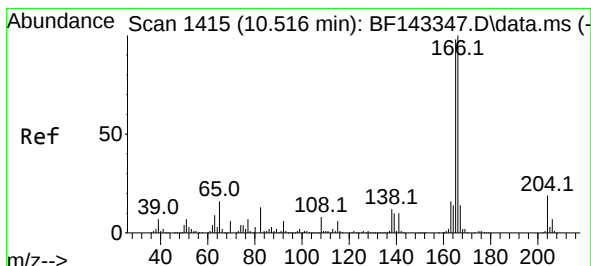
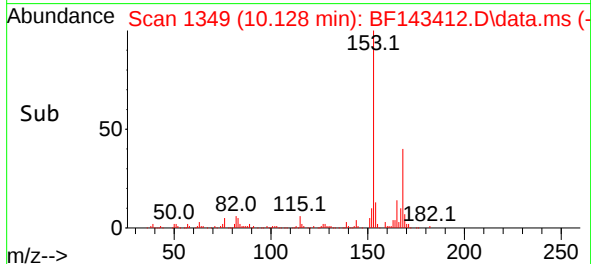
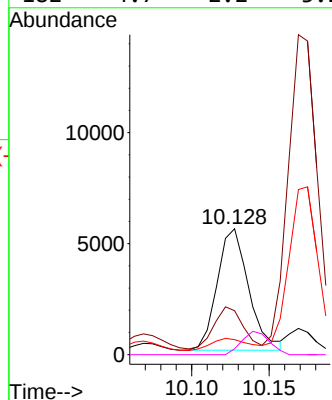
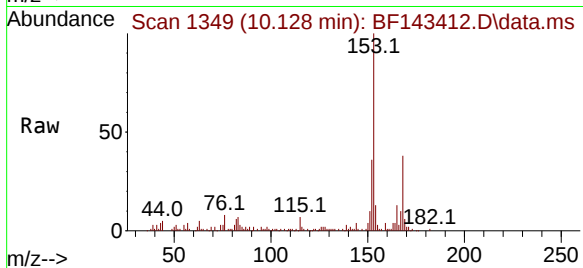




#57
2,4-Dinitrotoluene
Concen: 5.219 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.017 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

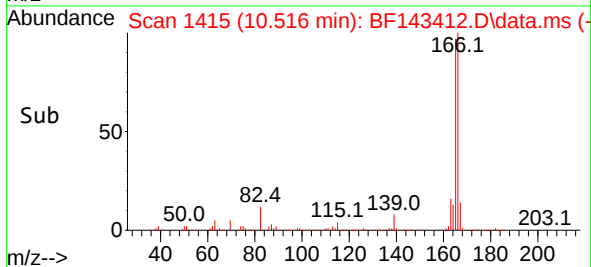
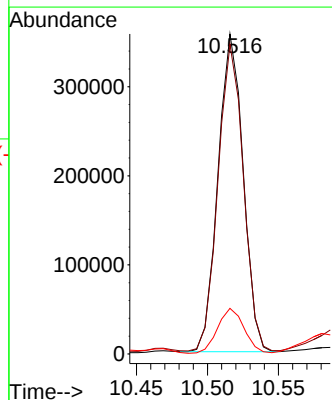
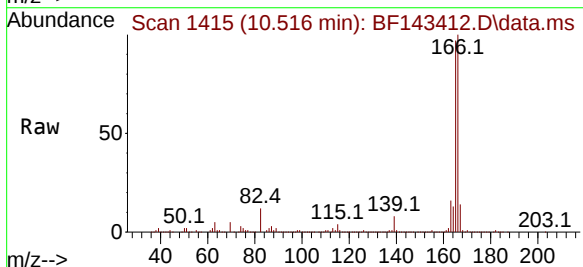
Instrument :
BNA_F
ClientSampleId :
VNJ 216

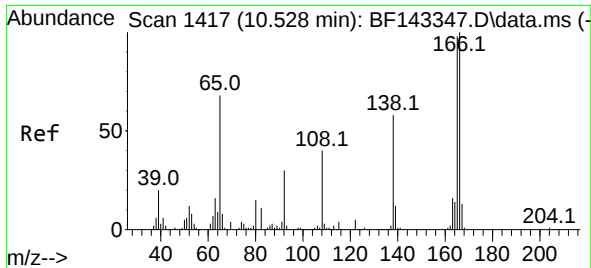
Tgt Ion:165 Resp: 7720
Ion Ratio Lower Upper
165 100
63 35.0 41.8 62.8#
89 11.9 62.4 93.6#
182 4.7 2.2 3.2#



#58
Fluorene
Concen: 33.471 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:166 Resp: 439780
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.4
167 14.2 10.9 16.3

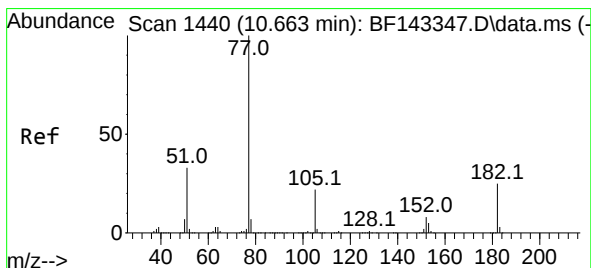
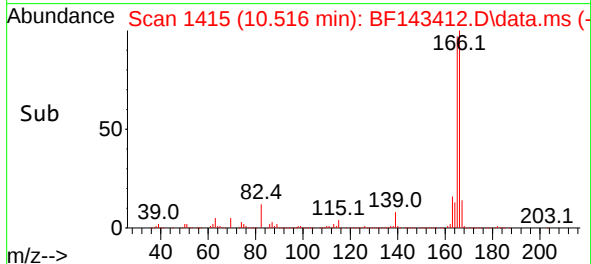
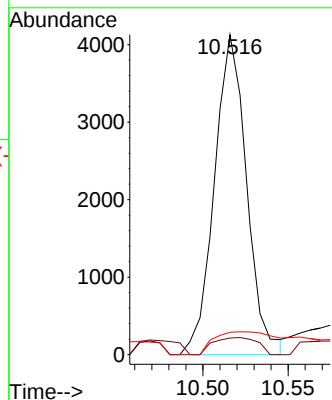
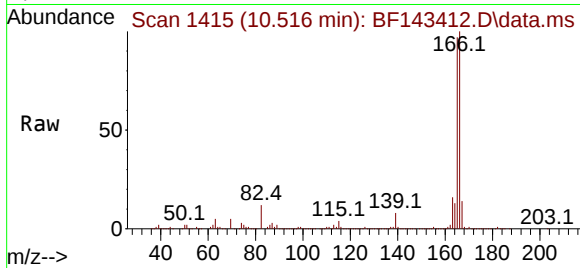




#62
4-Nitroaniline
Concen: 2.098 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

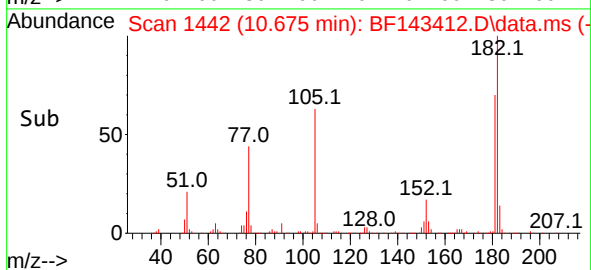
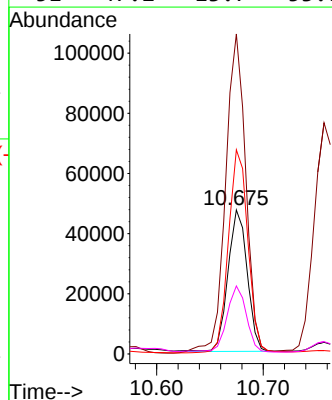
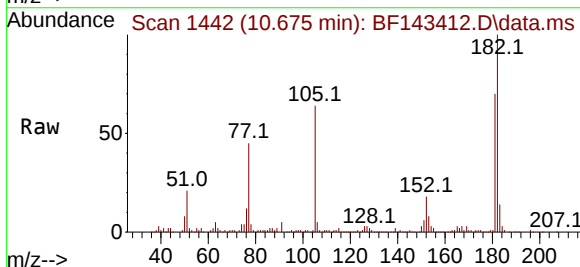
Instrument :
BNA_F
ClientSampleId :
VNJ 216

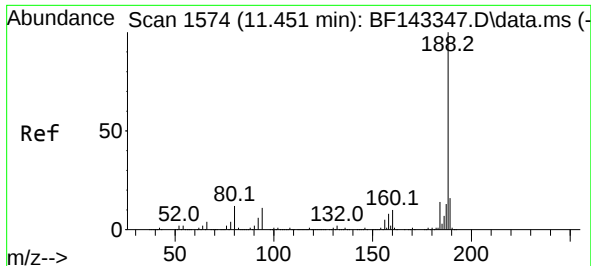
Tgt Ion:138 Resp: 5431
Ion Ratio Lower Upper
138 100
92 5.2 31.2 71.2#
108 7.0 48.1 88.1#



#63
Azobenzene
Concen: 4.415 ng
RT: 10.675 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion: 77 Resp: 59001
Ion Ratio Lower Upper
77 100
182 222.1 4.4 44.4#
105 141.7 1.8 41.8#
51 47.2 13.7 53.7

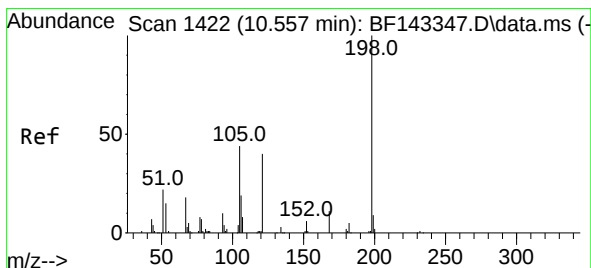
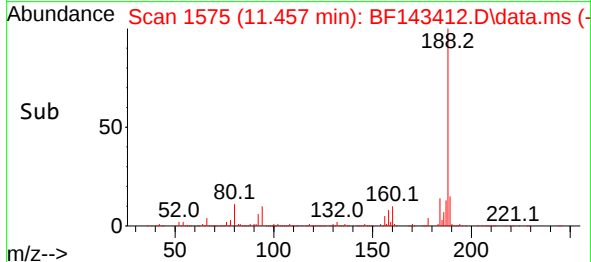
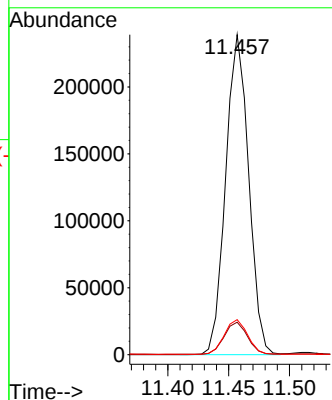
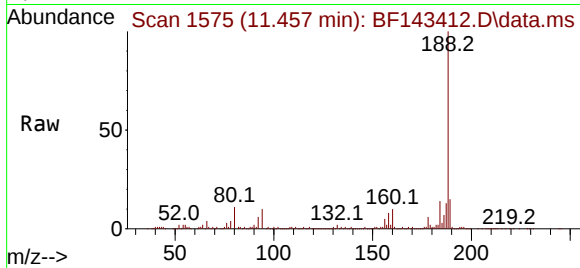




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

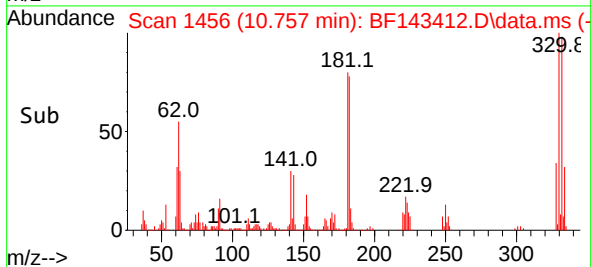
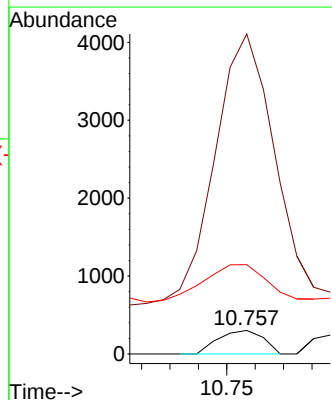
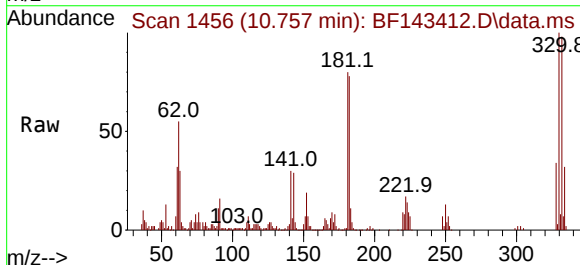
Instrument :
BNA_F
ClientSampleId :
VNJ 216

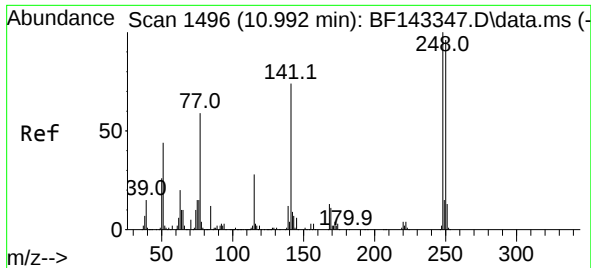
Tgt Ion:188 Resp: 314055
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 10.9 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.484 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.200 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 1355.8 41.7 81.7#
105 378.2 26.8 66.8#

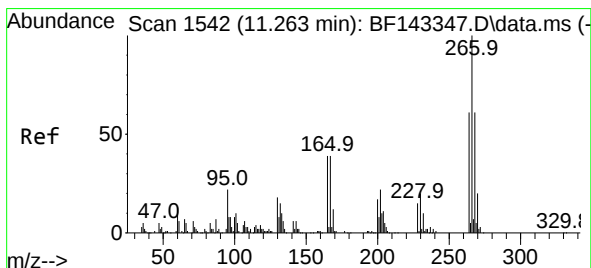
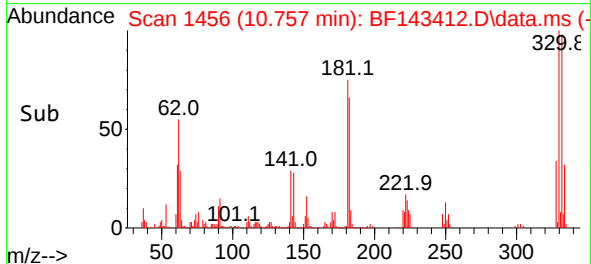
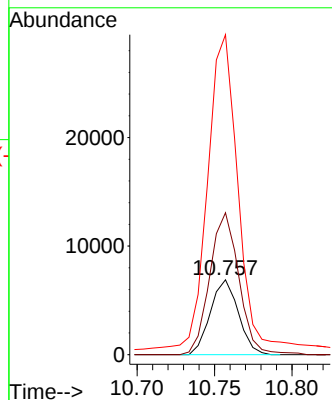
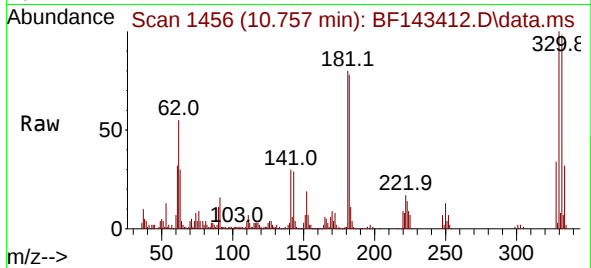




#67
4-Bromophenyl-phenylether
Concen: 2.416 ng
RT: 10.757 min Scan# 1496
Delta R.T. -0.235 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

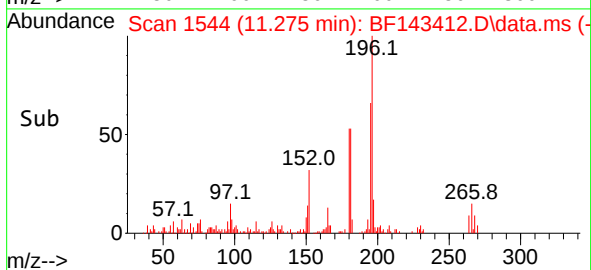
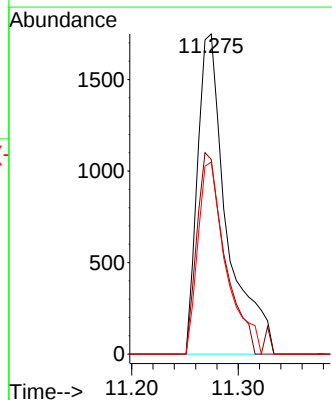
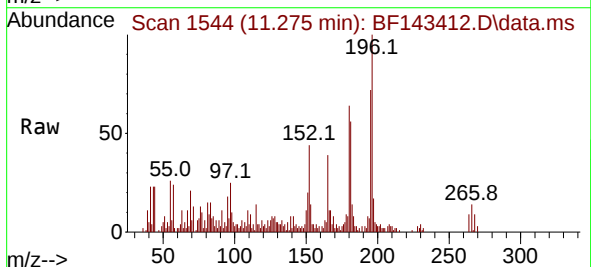
Instrument :
BNA_F
ClientSampleId :
VNJ 216

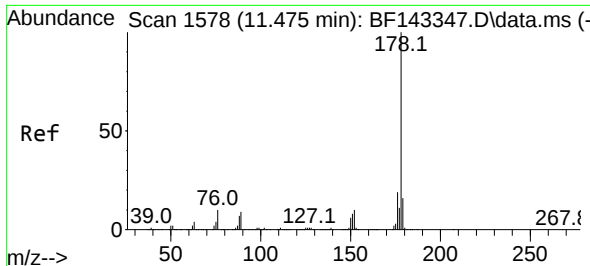
Tgt Ion:248 Resp: 8679
Ion Ratio Lower Upper
248 100
250 189.6 77.1 115.7#
141 427.6 59.1 88.7#



#70
Pentachlorophenol
Concen: 7.559 ng
RT: 11.275 min Scan# 1544
Delta R.T. 0.012 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:266 Resp: 3351
Ion Ratio Lower Upper
266 100
268 60.8 48.8 73.2
264 60.0 48.8 73.2

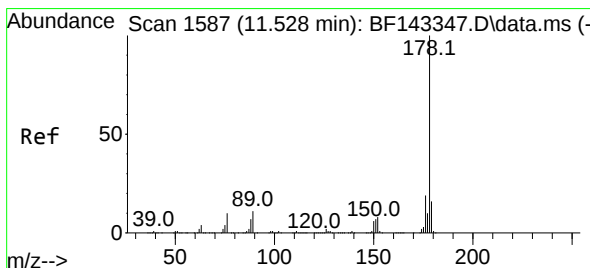
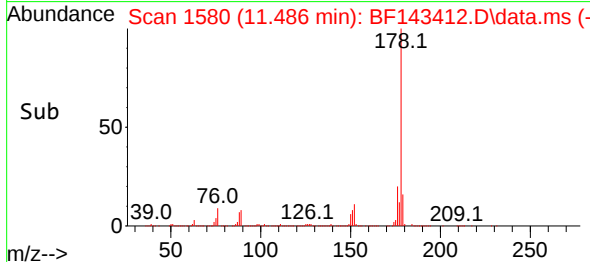
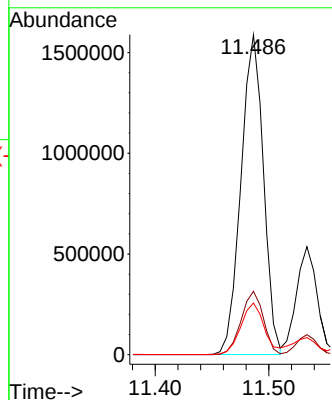
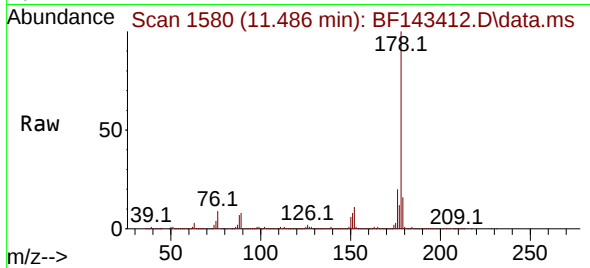




#71
Phenanthrene
Concen: 127.436 ng
RT: 11.486 min Scan# 1578
Delta R.T. 0.012 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

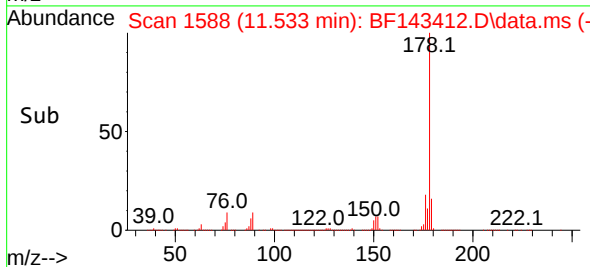
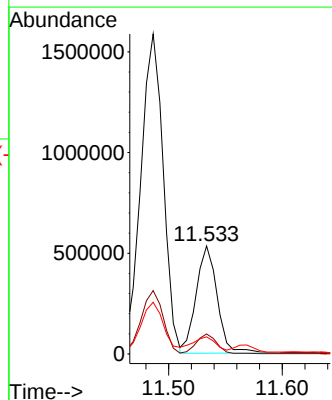
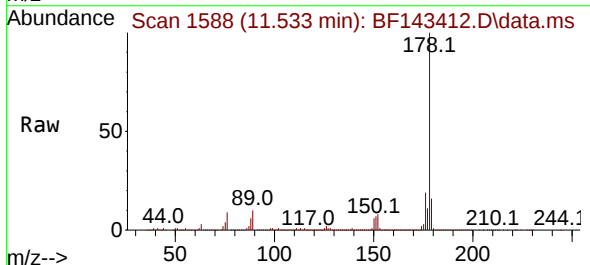
Instrument :
BNA_F
ClientSampleId :
VNJ 216

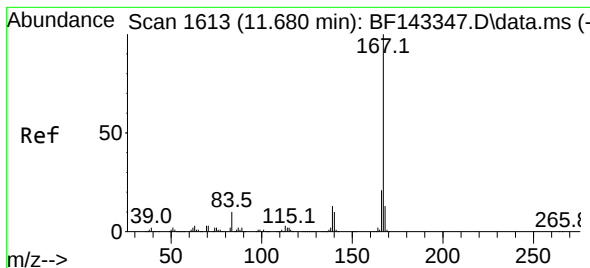
Tgt Ion:178 Resp: 2183591
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.2 12.5 18.7



#72
Anthracene
Concen: 39.437 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:178 Resp: 685307
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.8 12.7 19.1





#73

Carbazole

Concen: 12.285 ng

RT: 11.681 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

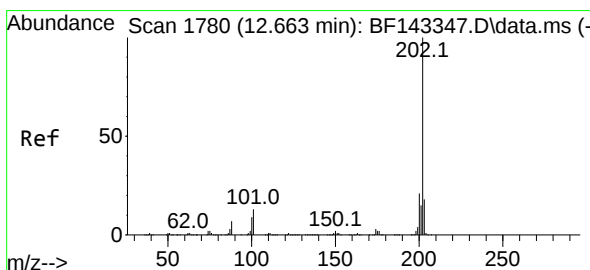
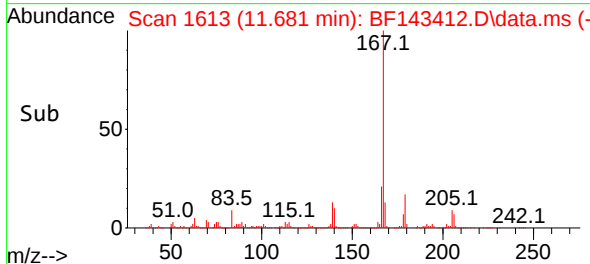
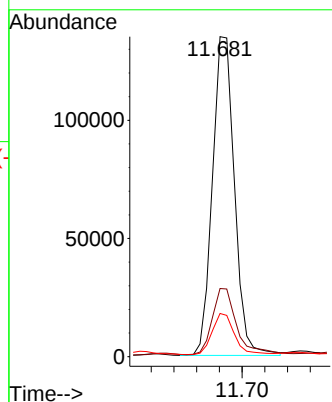
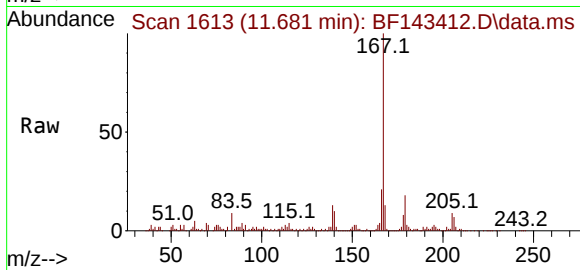
Tgt Ion:167 Resp: 181807

Ion Ratio Lower Upper

167 100

166 21.3 16.8 25.2

139 13.5 10.2 15.2



#75

Fluoranthene

Concen: 302.328 ng

RT: 12.686 min Scan# 1784

Delta R.T. 0.024 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

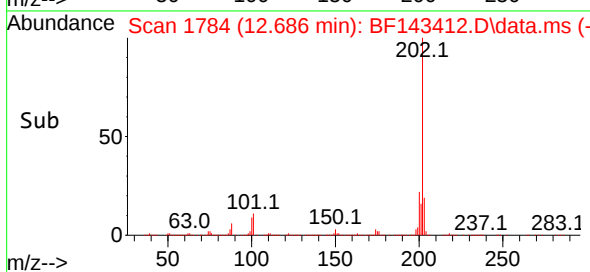
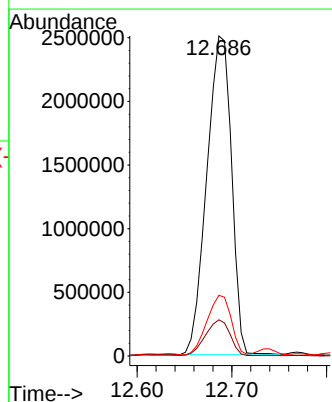
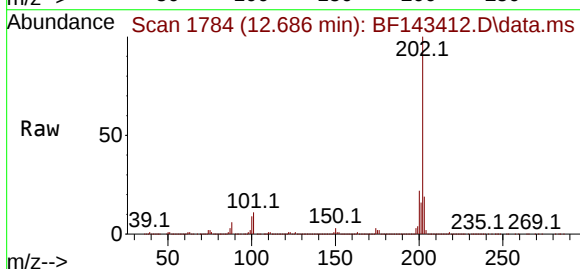
Tgt Ion:202 Resp: 4537730

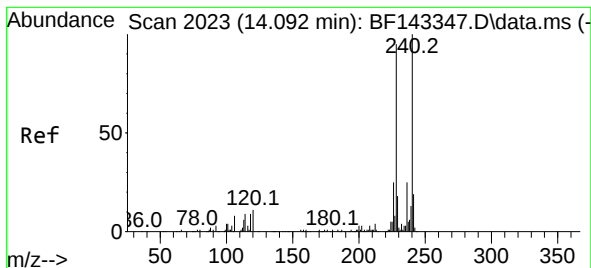
Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.2

203 18.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

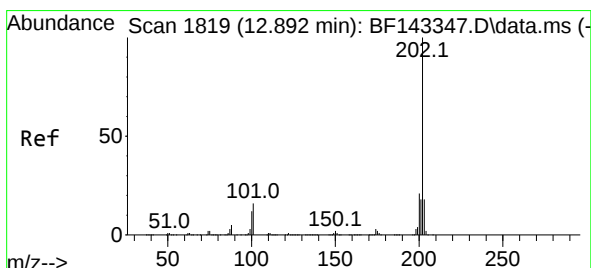
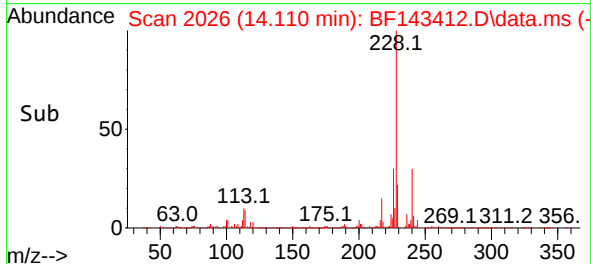
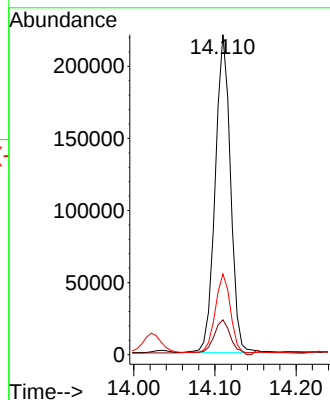
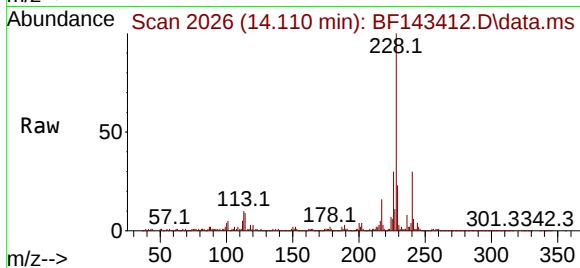
Tgt Ion:240 Resp: 289005

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

236 25.2 19.9 29.9



#78

Pyrene

Concen: 186.549 ng

RT: 12.686 min Scan# 1784

Delta R.T. -0.206 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

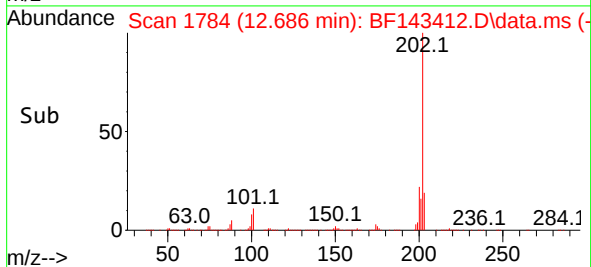
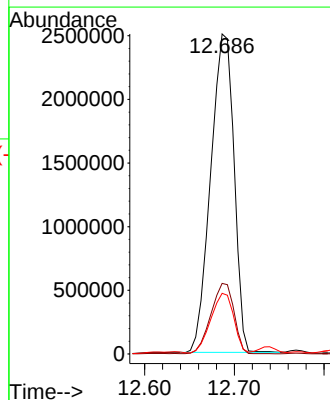
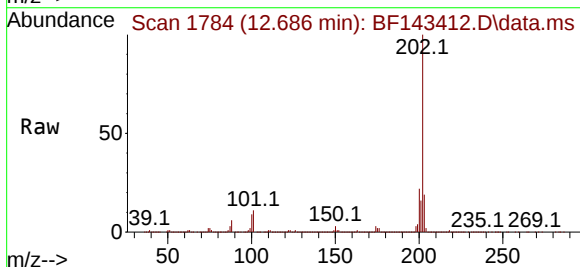
Tgt Ion:202 Resp: 4522820

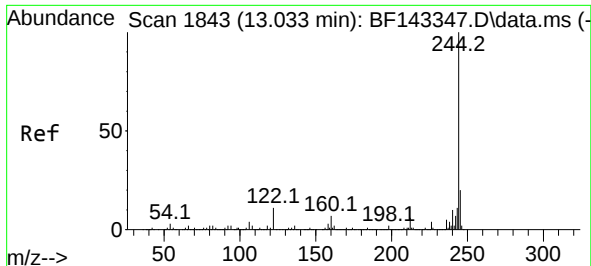
Ion Ratio Lower Upper

202 100

200 22.1 16.8 25.2

203 18.9 14.2 21.4

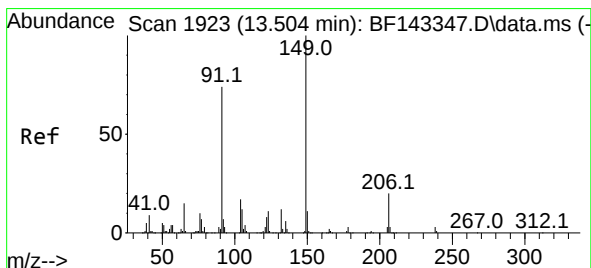
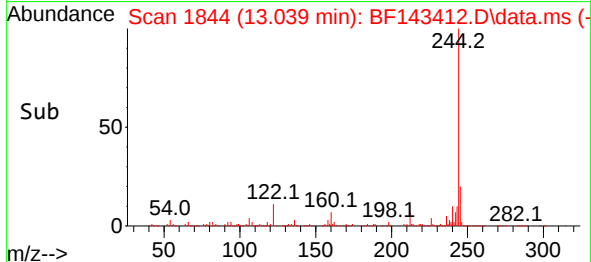
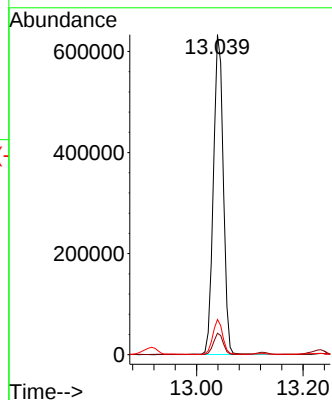
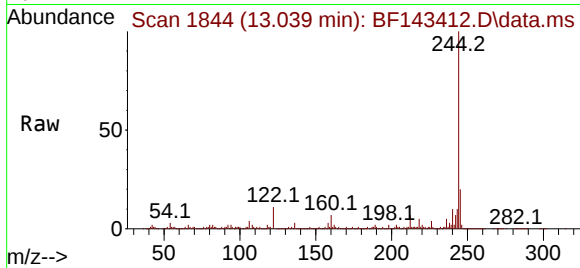




#79
Terphenyl-d14
Concen: 50.514 ng
RT: 13.039 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

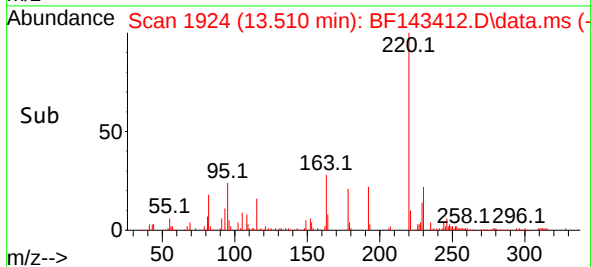
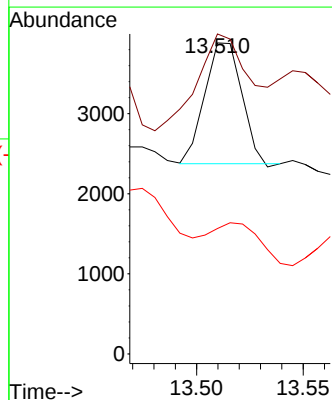
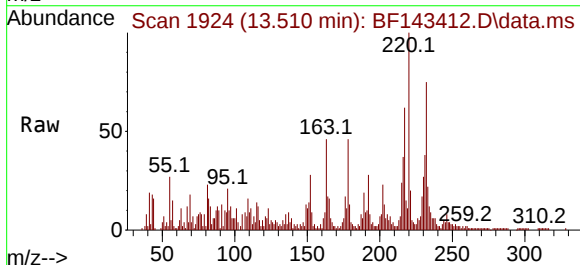
Instrument :
BNA_F
ClientSampleId :
VNJ 216

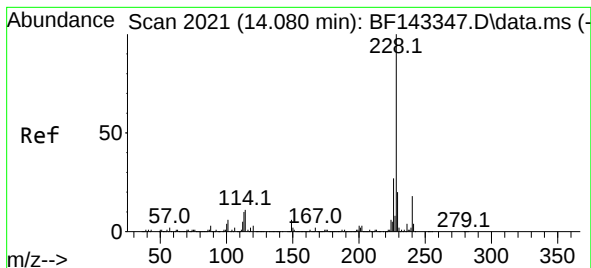
Tgt Ion:244 Resp: 817700
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.0 8.9 13.3



#80
Butylbenzylphthalate
Concen: 3.703 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:149 Resp: 1814
Ion Ratio Lower Upper
149 100
91 102.9 58.8 88.2#
206 40.4 16.4 24.6#





#81

Benzo(a)anthracene

Concen: 101.672 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

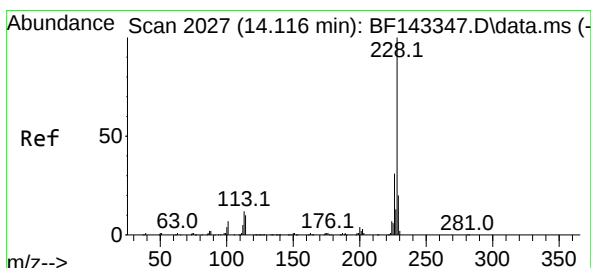
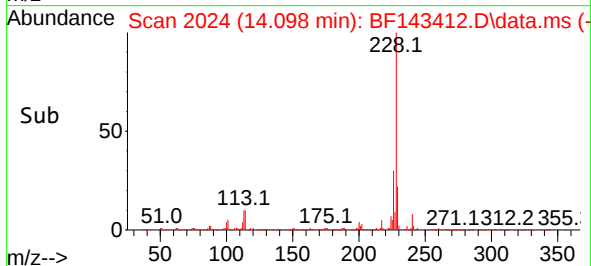
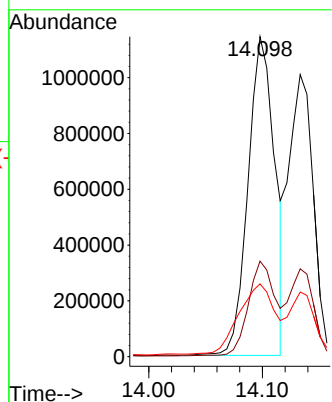
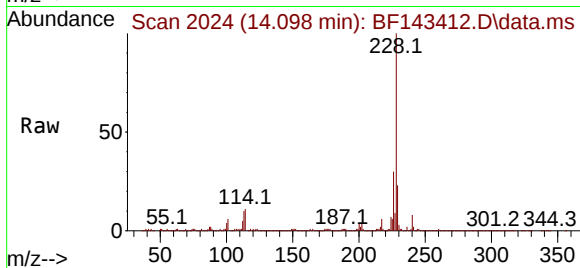
Tgt Ion:228 Resp: 1867606

Ion Ratio Lower Upper

228 100

226 29.8 22.0 33.0

229 22.7 15.8 23.8



#83

Chrysene

Concen: 86.506 ng

RT: 14.133 min Scan# 2030

Delta R.T. 0.018 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

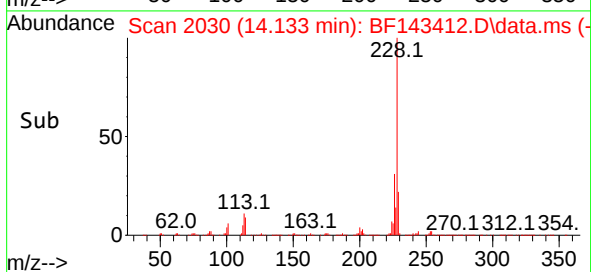
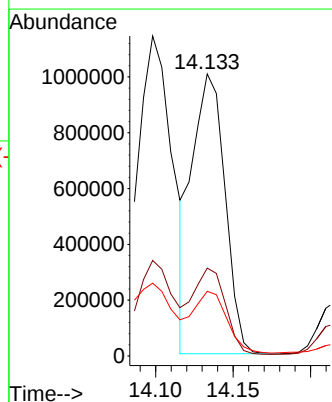
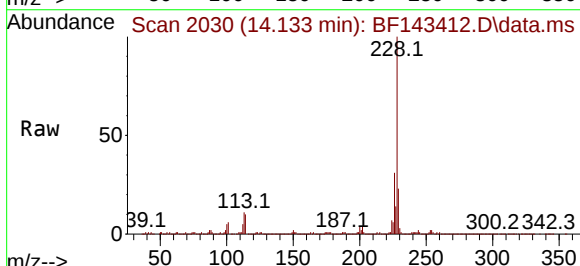
Tgt Ion:228 Resp: 1481681

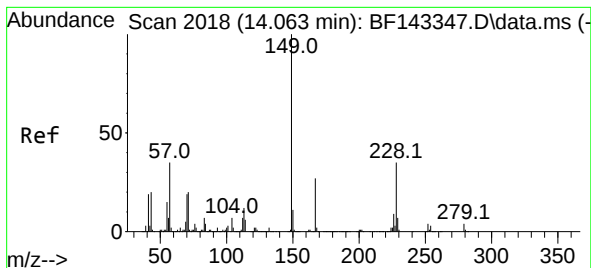
Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 22.9 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.569 ng

RT: 14.074 min Scan# 2018

Delta R.T. 0.011 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

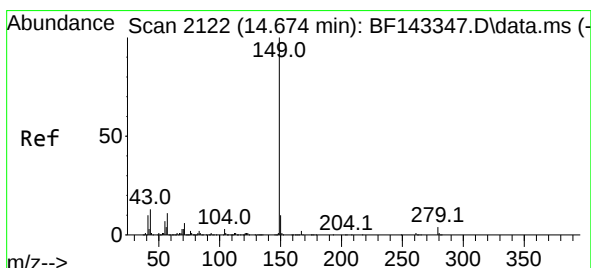
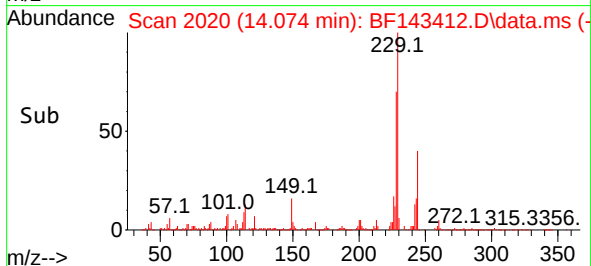
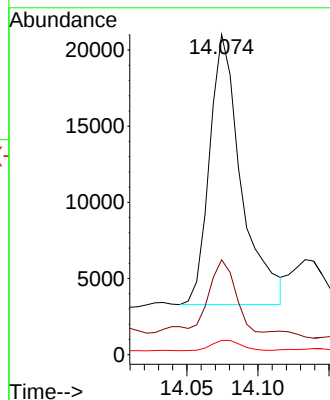
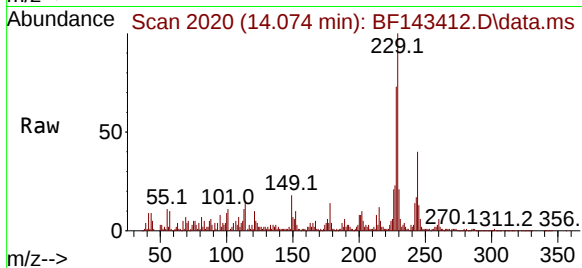
Tgt Ion:149 Resp: 27511

Ion Ratio Lower Upper

149 100

167 29.7 21.4 32.0

279 4.5 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 7.634 ng

RT: 14.692 min Scan# 2125

Delta R.T. 0.018 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

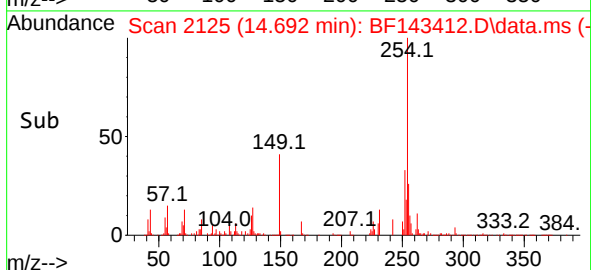
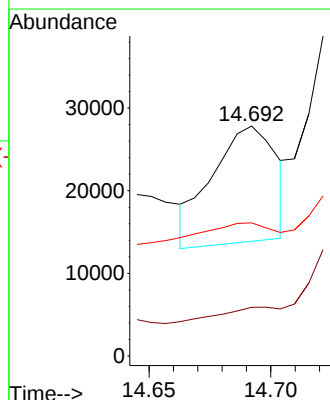
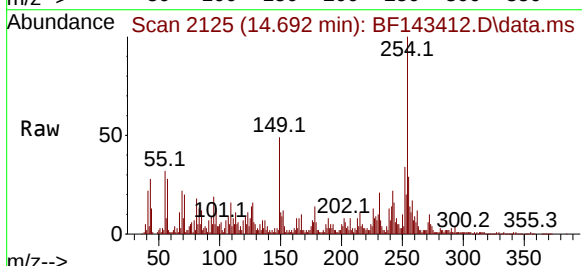
Tgt Ion:149 Resp: 25823

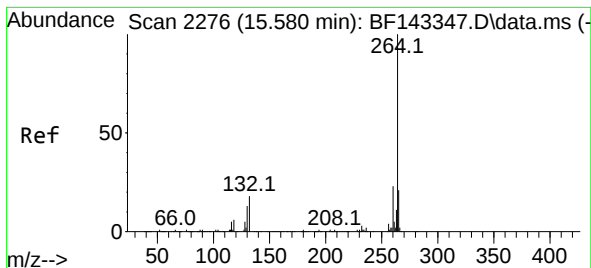
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 10.8 16.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

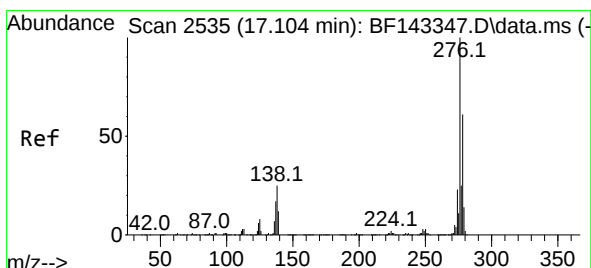
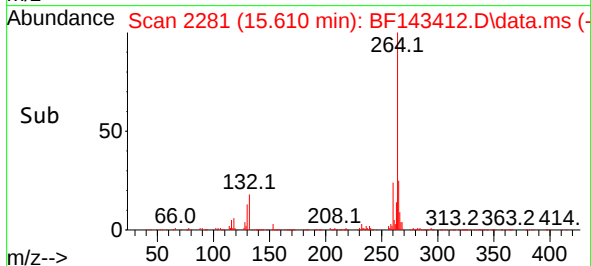
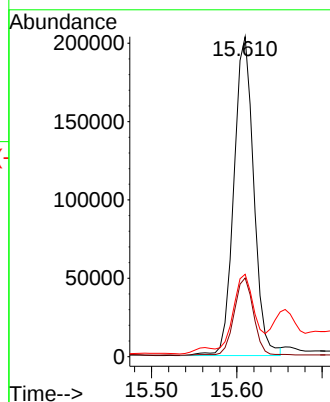
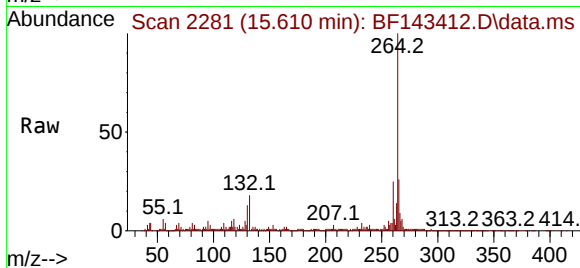
Tgt Ion:264 Resp: 329308

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 25.8 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 16.200 ng

RT: 17.127 min Scan# 2539

Delta R.T. 0.024 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

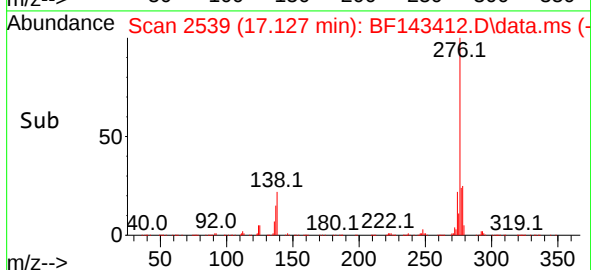
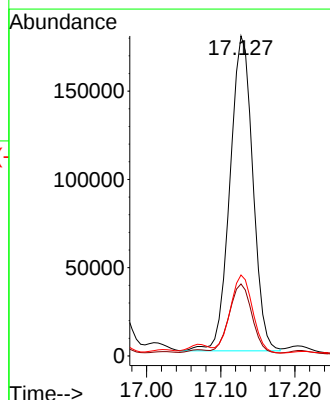
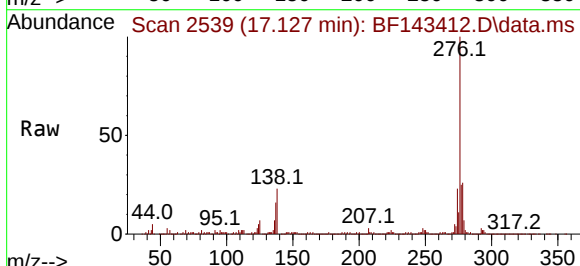
Tgt Ion:276 Resp: 382213

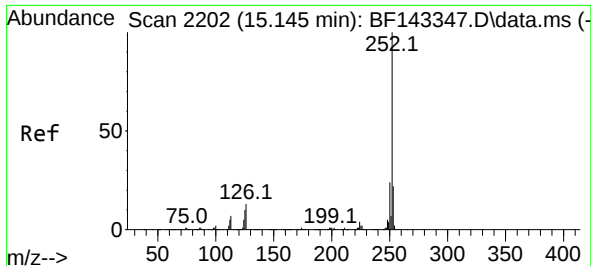
Ion Ratio Lower Upper

276 100

138 22.1 21.1 31.7

277 24.5 20.2 30.2

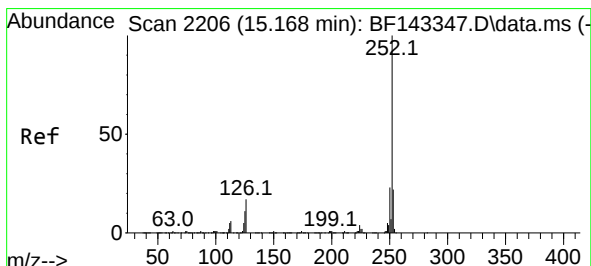
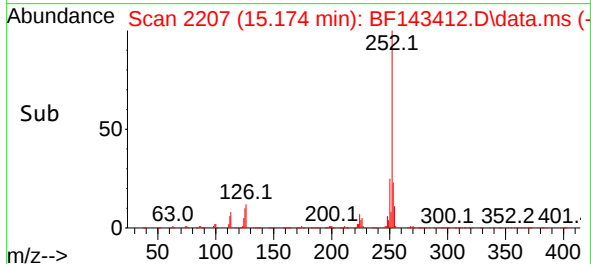
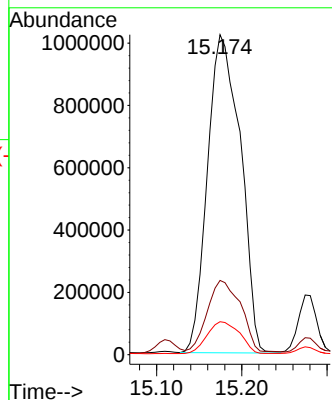
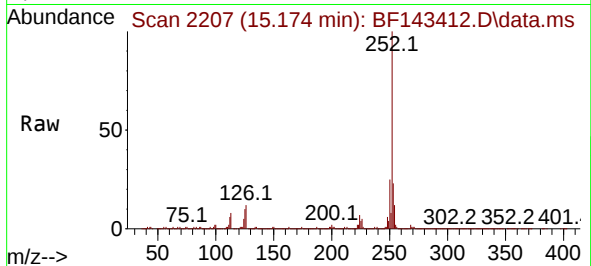




#88
Benzo(b)fluoranthene
Concen: 152.865 ng
RT: 15.174 min Scan# 2207
Delta R.T. 0.030 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

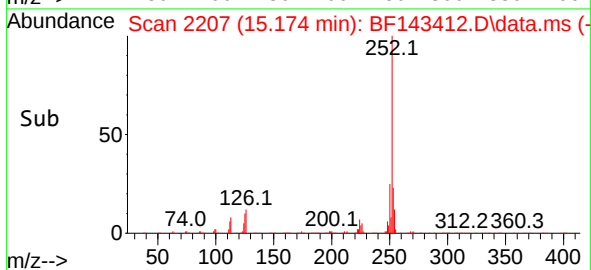
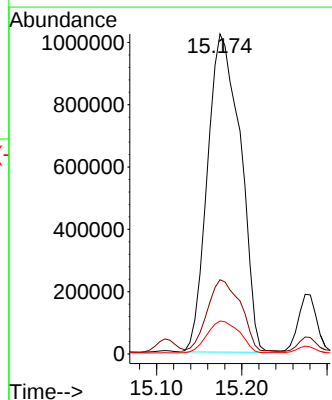
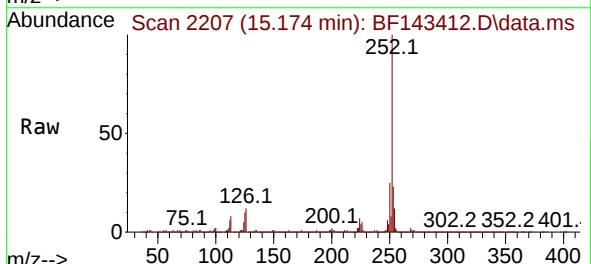
Instrument :
BNA_F
ClientSampleId :
VNJ 216

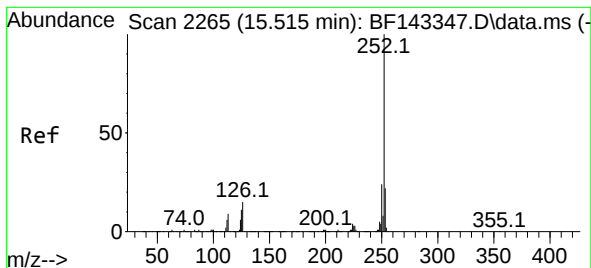
Tgt Ion:252 Resp: 2753354
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.3 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 157.318 ng
RT: 15.174 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF143412.D
Acq: 15 Aug 2025 10:16

Tgt Ion:252 Resp: 2753354
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 10.3 8.4 12.6





#90

Benzo(a)pyrene

Concen: 61.165 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216

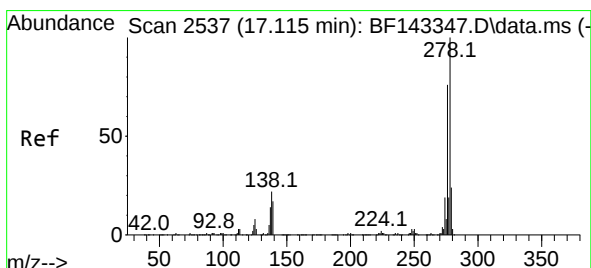
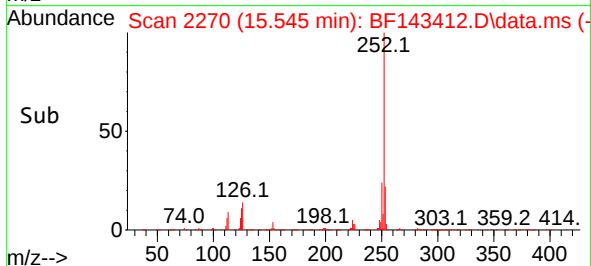
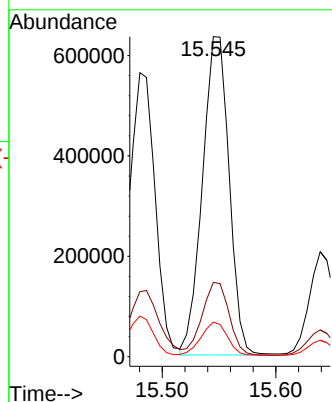
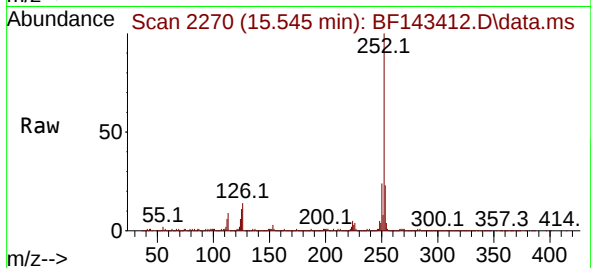
Tgt Ion:252 Resp: 1037617

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 10.8 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 3.829 ng

RT: 17.310 min Scan# 2570

Delta R.T. 0.194 min

Lab File: BF143412.D

Acq: 15 Aug 2025 10:16

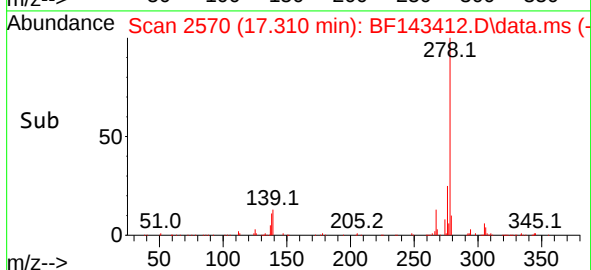
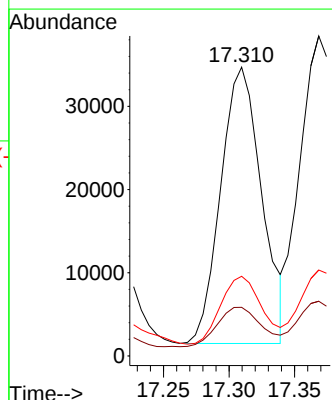
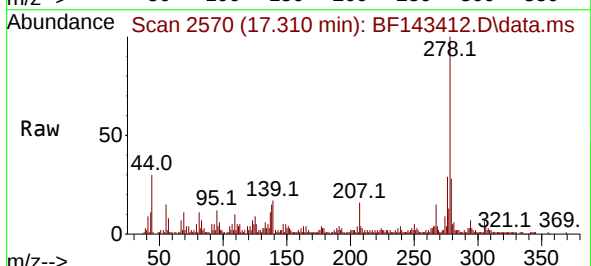
Tgt Ion:278 Resp: 72178

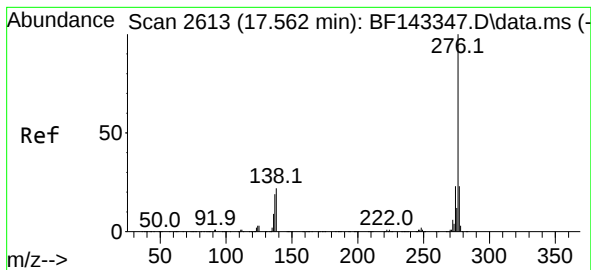
Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

279 27.6 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 15.873 ng

RT: 17.592 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF143412.D

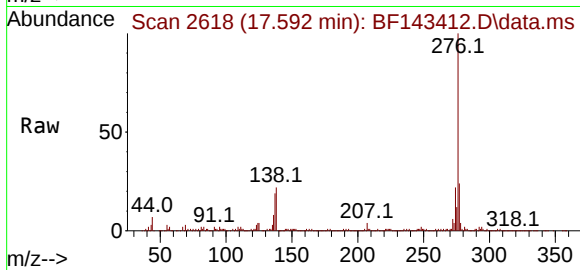
Acq: 15 Aug 2025 10:16

Instrument :

BNA_F

ClientSampleId :

VNJ 216



Tgt Ion:276 Resp: 301389

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 22.2 17.8 26.8

