

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141512.D
 Acq On : 07 Feb 2025 17:16
 Operator : RC/JU
 Sample : Q1288-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425

Quant Time: Feb 07 22:22:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

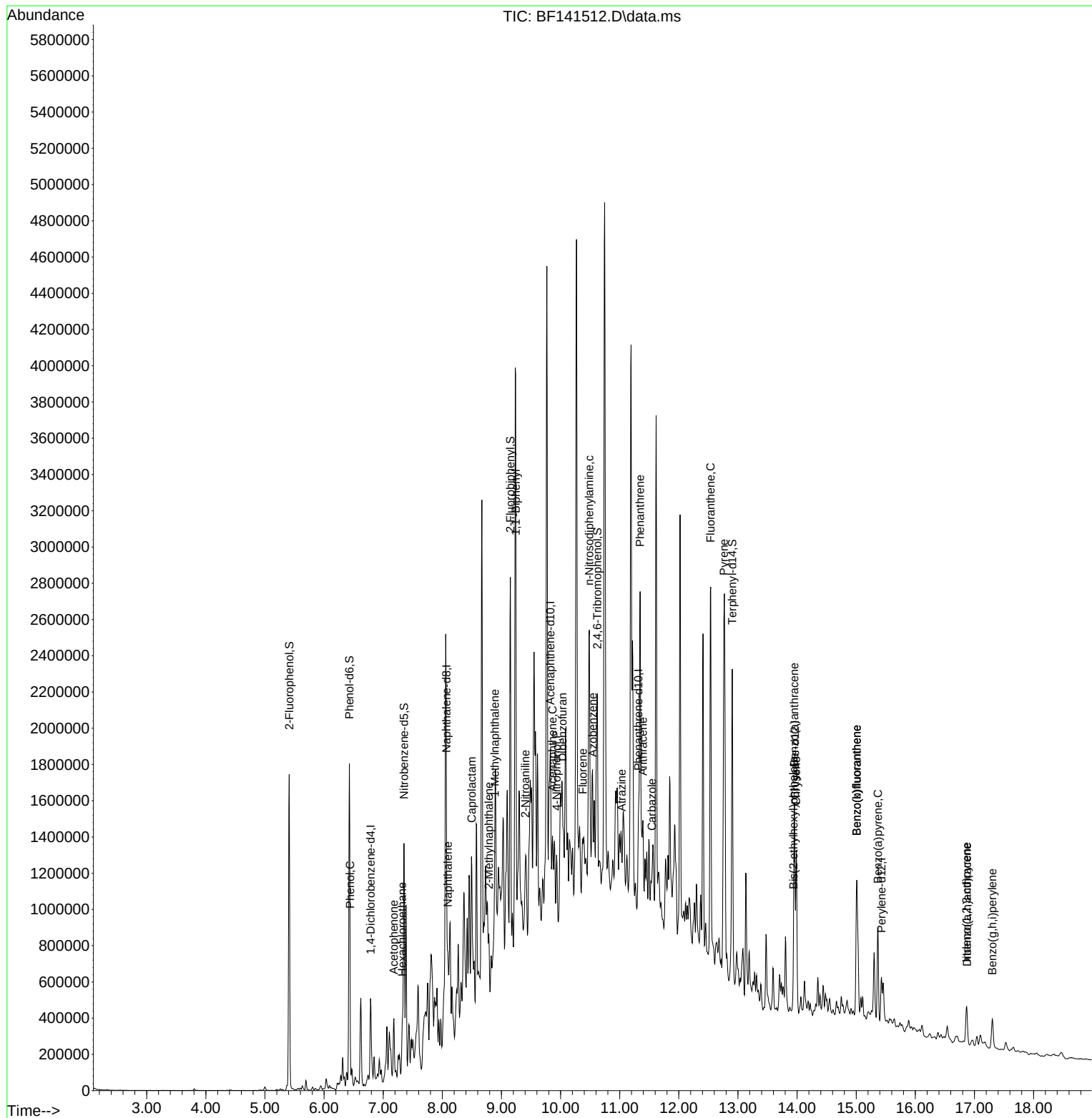
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86438	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	316955	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	165877	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	245887	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	174332	20.000	ng	0.00
86) Perylene-d12	15.427	264	148388	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	628022	113.906	ng	0.00
7) Phenol-d6	6.428	99	793830	113.915	ng	-0.01
23) Nitrobenzene-d5	7.351	82	526176	86.588	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	181175	108.728	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	908402	84.371	ng	0.00
79) Terphenyl-d14	12.904	244	795940	77.076	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.440	94	15109	2.083	ng	# 35
18) Hexachloroethane	7.322	117	20125	8.462	ng	# 1
22) Acetophenone	7.181	105	51364	6.515	ng	# 46
31) Naphthalene	8.092	128	82776	5.017	ng	# 85
35) Caprolactam	8.498	113	18645	13.160	ng	# 1
37) 2-Methylnaphthalene	8.786	142	101828	9.484	ng	98
38) 1-Methylnaphthalene	8.886	142	72121	6.936	ng	92
46) 1,1'-Biphenyl	9.245	154	47966	3.730	ng	98
48) 2-Nitroaniline	9.404	65	6575	2.060	ng	# 50
52) Acenaphthene	9.863	154	58652	6.168	ng	# 87
55) Dibenzofuran	10.033	168	47922	3.433	ng	# 70
56) 4-Nitrophenol	9.933	139	5049	2.567	ng	# 25
58) Fluorene	10.375	166	69041	6.397	ng	# 86
63) Azobenzene	10.545	77	86903	7.890	ng	# 1
66) n-Nitrosodiphenylamine	10.486	169	29654	3.767	ng	# 68
69) Atrazine	11.033	200	9936	4.208	ng	# 75
71) Phenanthrene	11.345	178	902556	66.683	ng	99
72) Anthracene	11.392	178	175237	12.879	ng	97
73) Carbazole	11.545	167	60891	4.974	ng	# 81
75) Fluoranthene	12.539	202	1234152	86.005	ng	99
78) Pyrene	12.763	202	1123120	75.680	ng	98
81) Benzo(a)anthracene	13.951	228	558795	48.220	ng	98
83) Chrysene	13.986	228	479197	44.784	ng	97
84) Bis(2-ethylhexyl)phtha...	13.939	149	12305	2.122	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.868	276	159936	17.444	ng	97
88) Benzo(b)fluoranthene	15.010	252	648646	65.102	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	648646	76.240	ng	98
90) Benzo(a)pyrene	15.368	252	328485	40.744	ng	96
91) Dibenzo(a,h)anthracene	16.874	278	44450	5.983	ng	# 86
92) Benzo(g,h,i)perylene	17.304	276	147632	18.989	ng	99

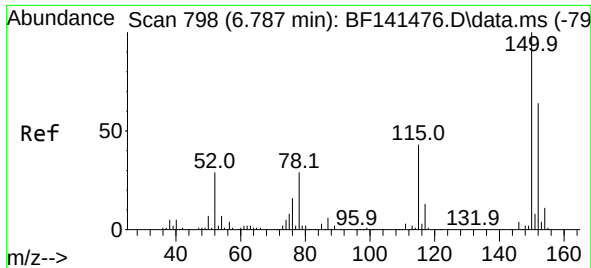
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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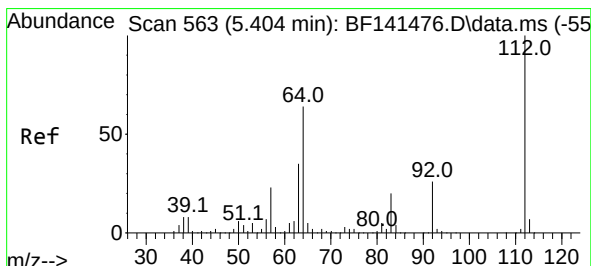
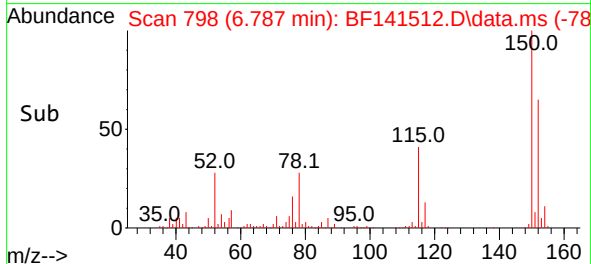
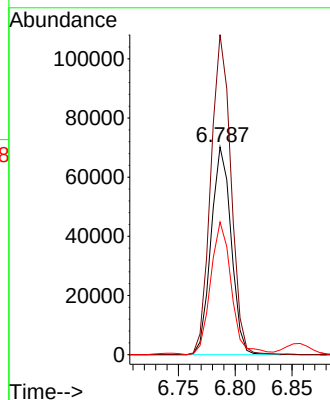
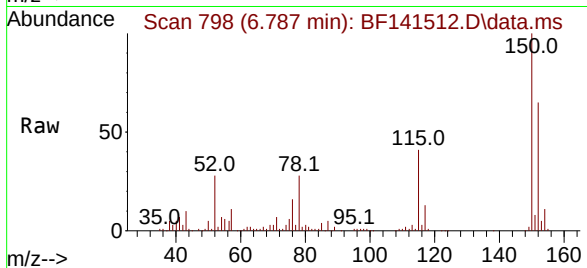




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

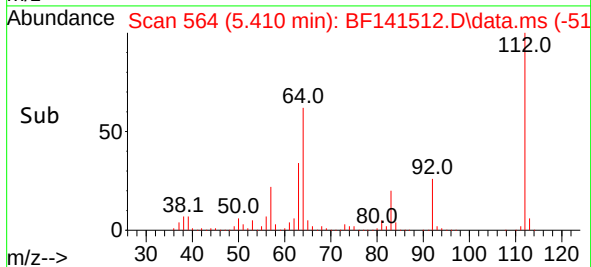
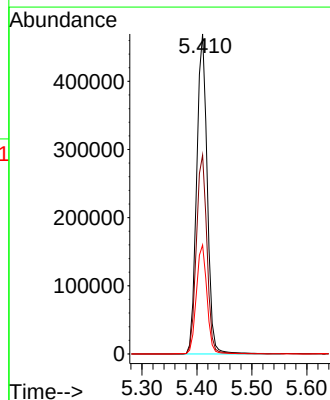
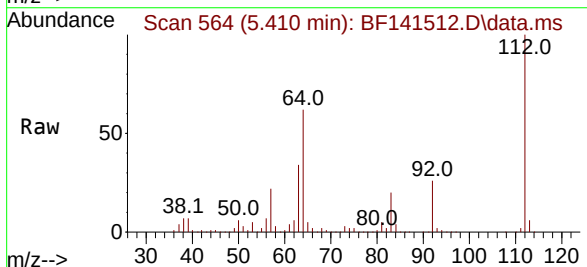
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

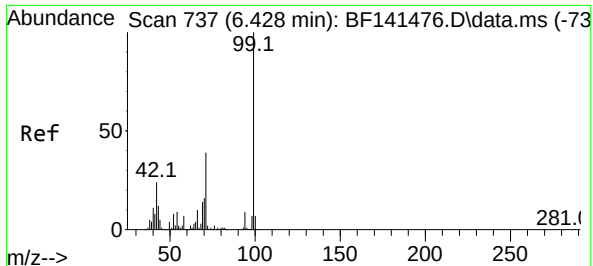
Tgt Ion:152 Resp: 86438
Ion Ratio Lower Upper
152 100
150 154.0 125.0 187.4
115 63.8 53.6 80.4



#5
2-Fluorophenol
Concen: 113.906 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:112 Resp: 628022
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 34.1 28.4 42.6





#7
Phenol-d6
Concen: 113.915 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

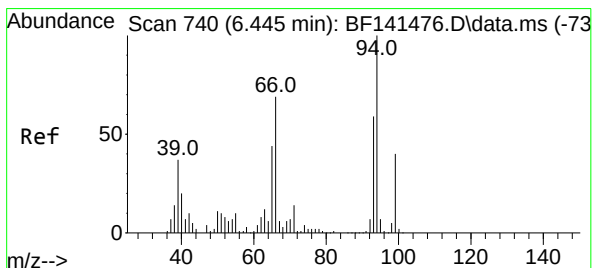
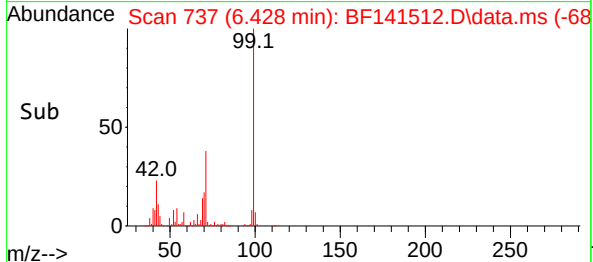
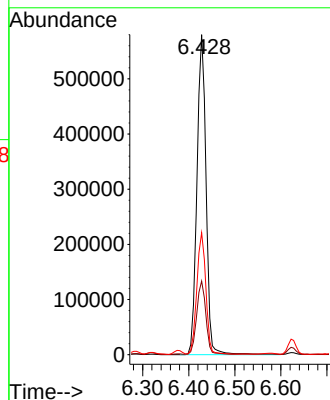
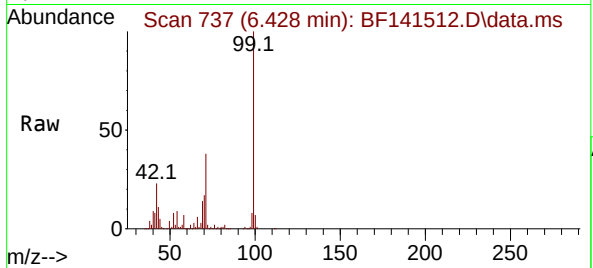
Instrument :

BNA_F

ClientSampleId :

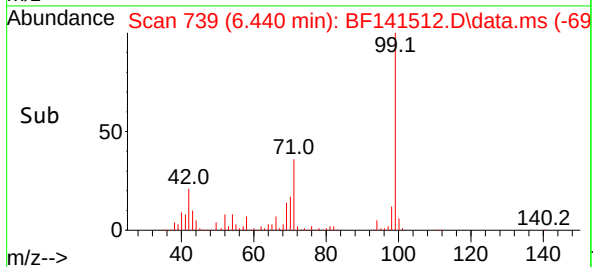
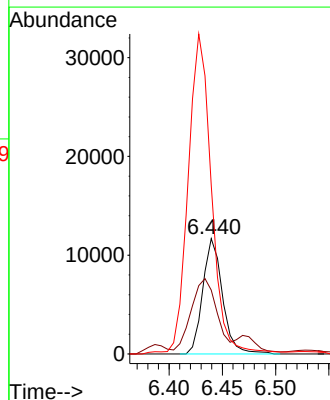
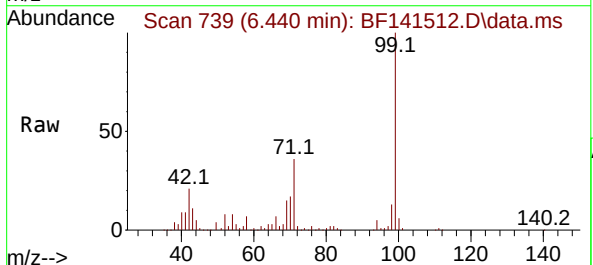
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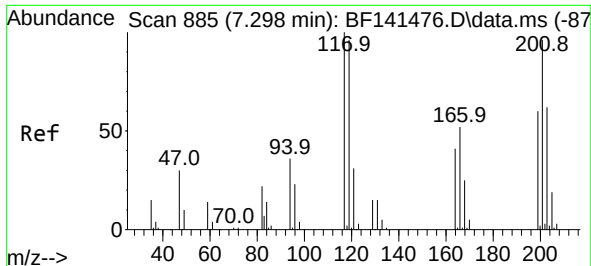
Tgt Ion: 99 Resp: 793830
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 38.1 31.1 46.7



#10
Phenol
Concen: 2.083 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion: 94 Resp: 15109
Ion Ratio Lower Upper
94 100
65 55.3 23.7 63.7
66 146.2 49.3 89.3#

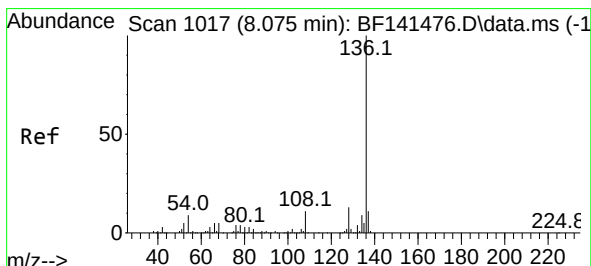
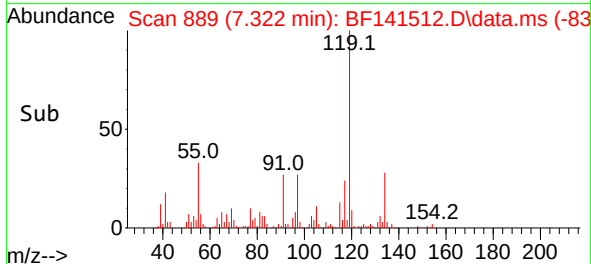
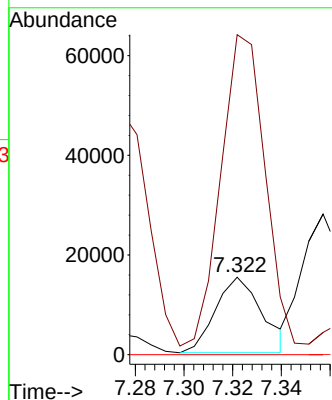
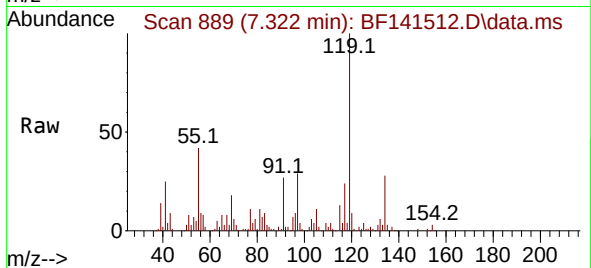




#18
Hexachloroethane
Concen: 8.462 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

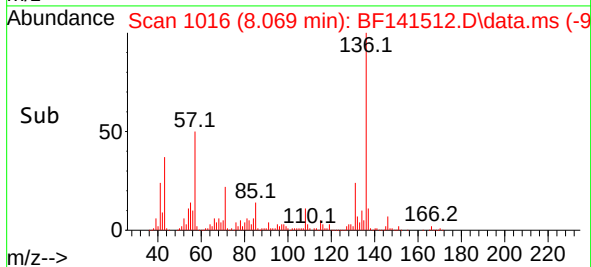
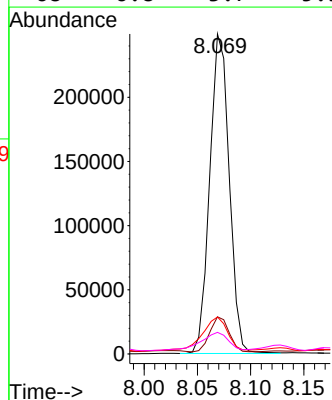
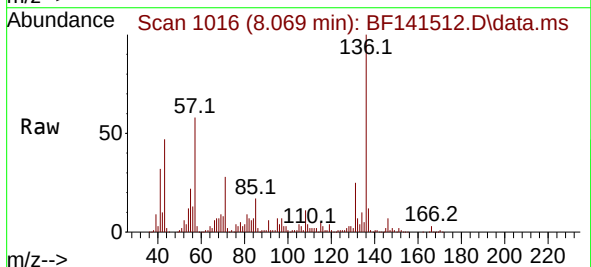
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

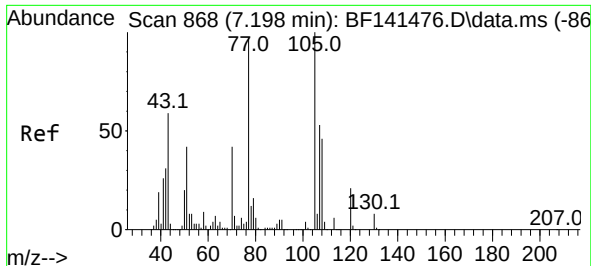
Tgt Ion:117 Resp: 20125
Ion Ratio Lower Upper
117 100
119 413.0 76.5 114.7#
201 0.0 76.7 115.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:136 Resp: 316955
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 11.6 7.2 10.8#
68 6.8 3.7 5.5#

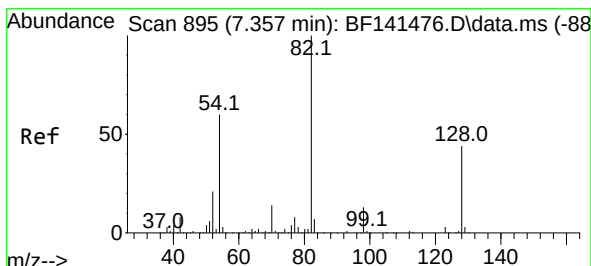
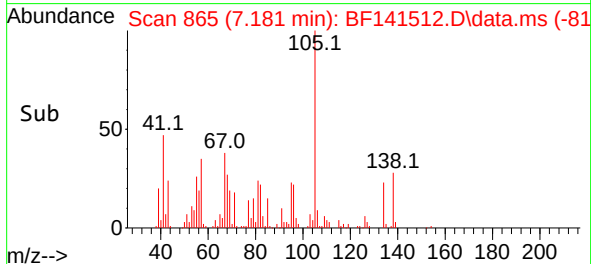
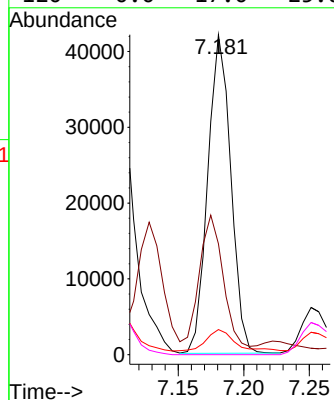
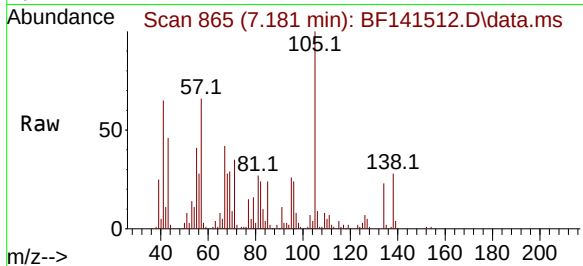




#22
Acetophenone
Concen: 6.515 ng
RT: 7.181 min Scan# 865
Delta R.T. -0.029 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

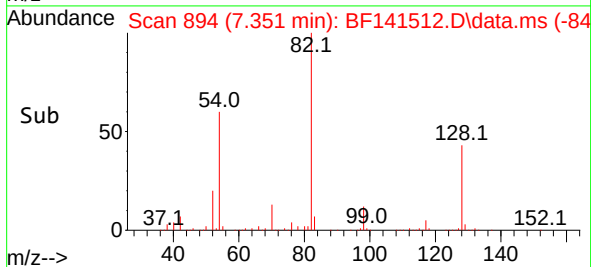
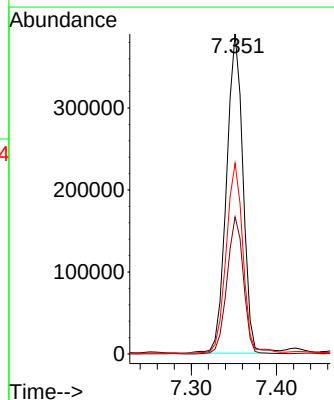
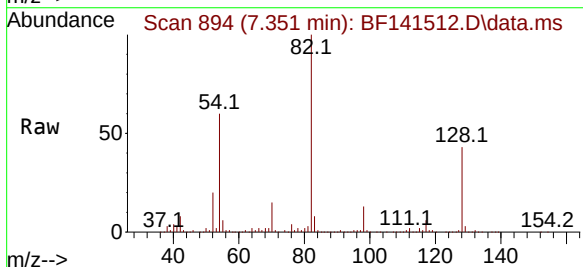
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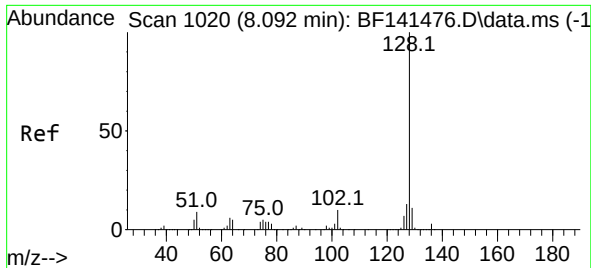
Tgt Ion:105 Resp: 51364
Ion Ratio Lower Upper
105 100
71 34.7 5.7 8.5#
51 7.9 33.7 50.5#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 86.588 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion: 82 Resp: 526176
Ion Ratio Lower Upper
82 100
128 42.9 34.8 52.2
54 59.6 48.2 72.4

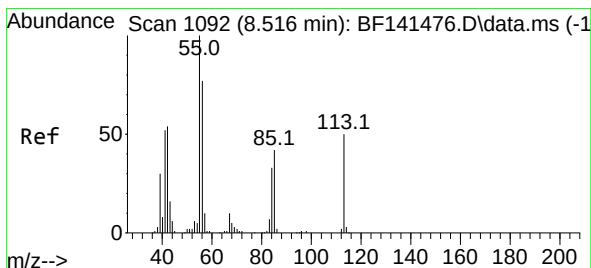
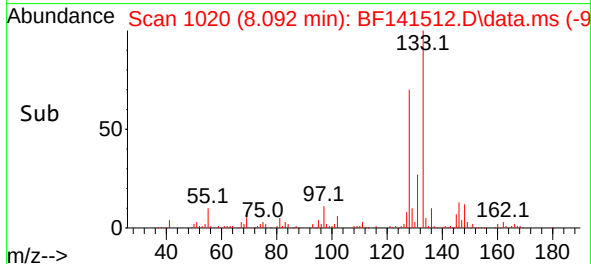
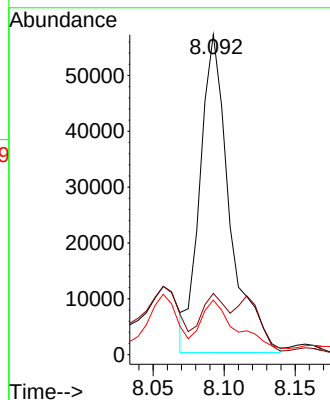
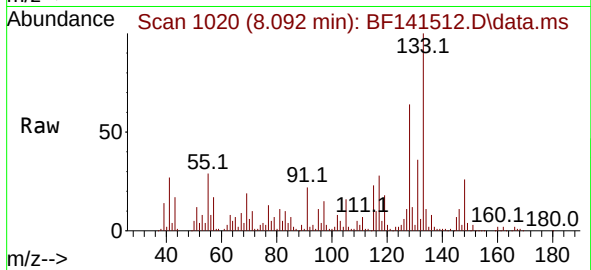




#31
Naphthalene
Concen: 5.017 ng
RT: 8.092 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

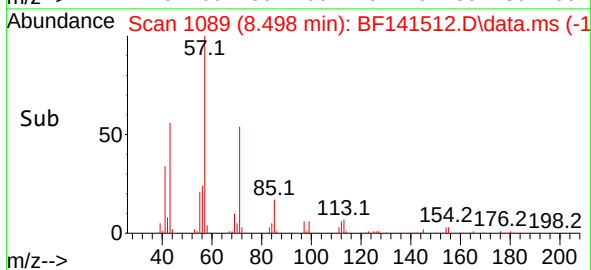
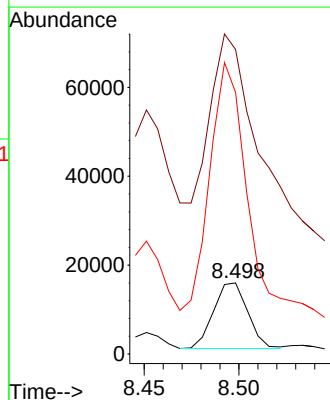
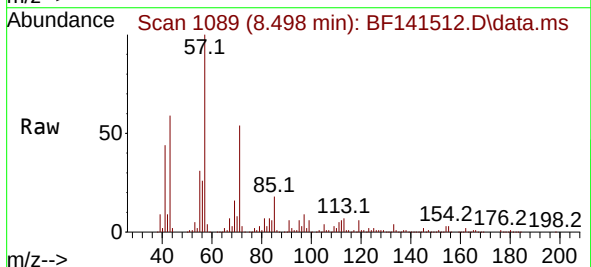
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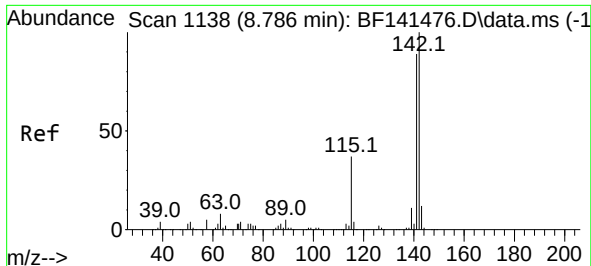
Tgt Ion:128 Resp: 82776
Ion Ratio Lower Upper
128 100
129 19.2 8.9 13.3#
127 17.0 10.7 16.1#



#35
Caprolactam
Concen: 13.160 ng
RT: 8.498 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:113 Resp: 18645
Ion Ratio Lower Upper
113 100
55 428.5 180.8 220.8#
56 368.2 133.6 173.6#

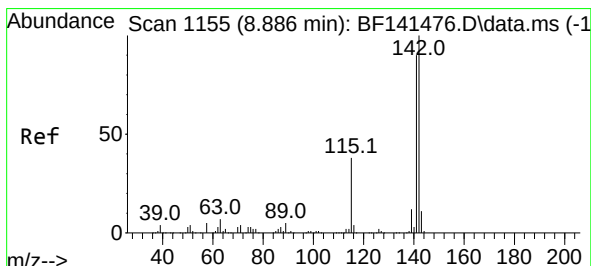
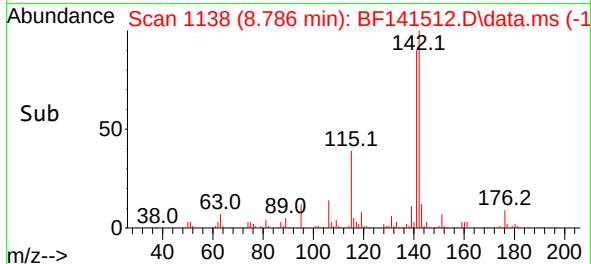
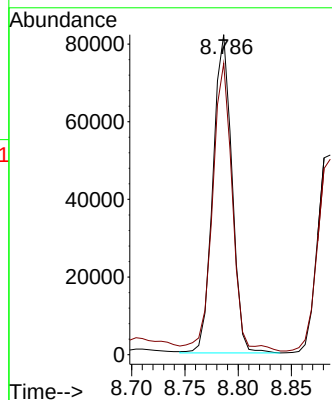
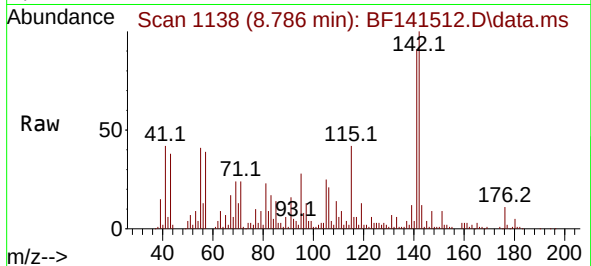




#37
2-Methylnaphthalene
Concen: 9.484 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

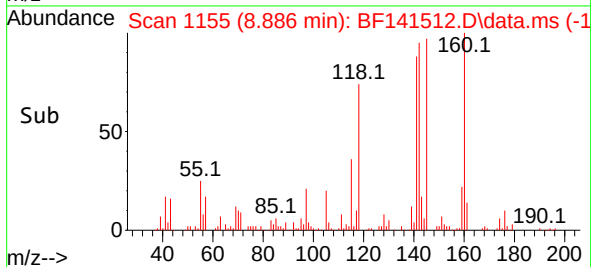
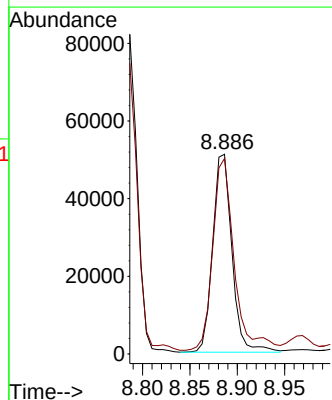
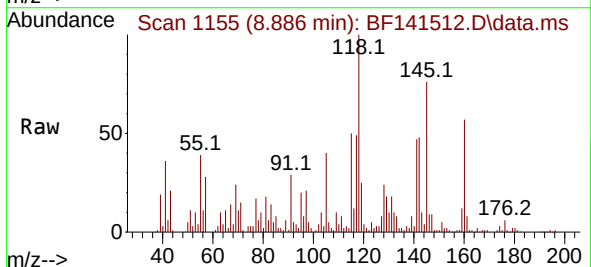
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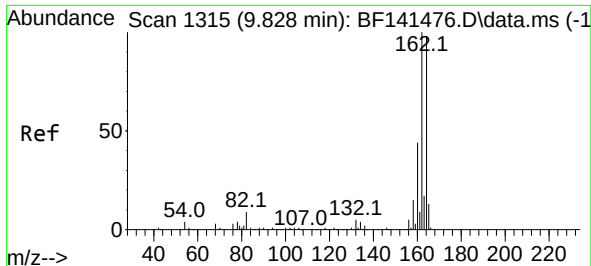
Tgt Ion:142 Resp: 101828
Ion Ratio Lower Upper
142 100
141 91.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 6.936 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:142 Resp: 72121
Ion Ratio Lower Upper
142 100
141 97.9 72.1 108.1

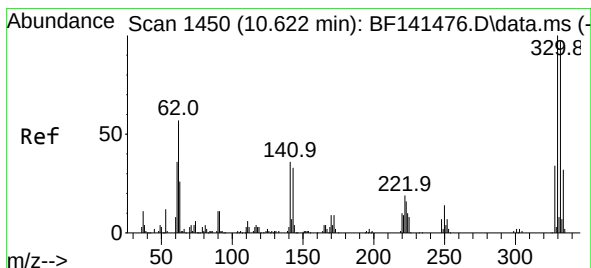
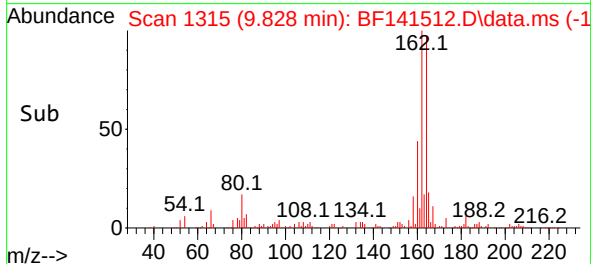
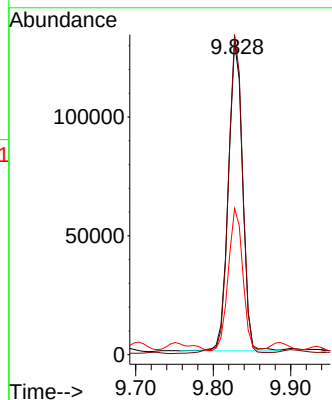
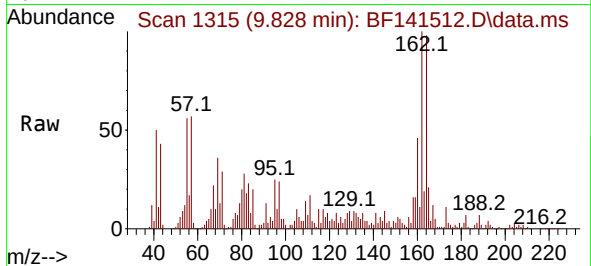




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

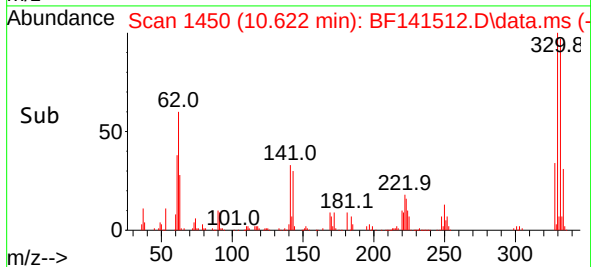
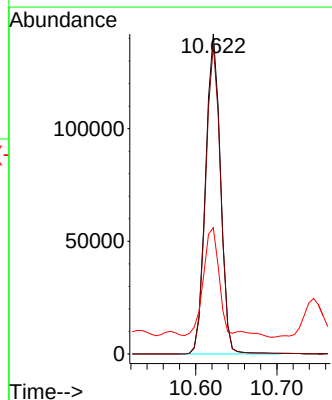
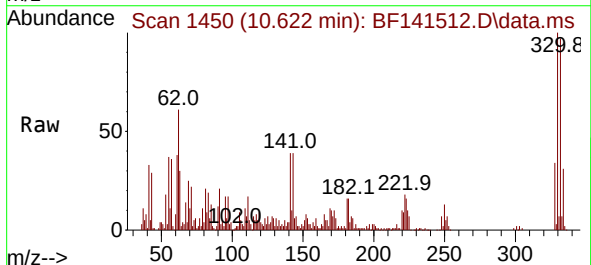
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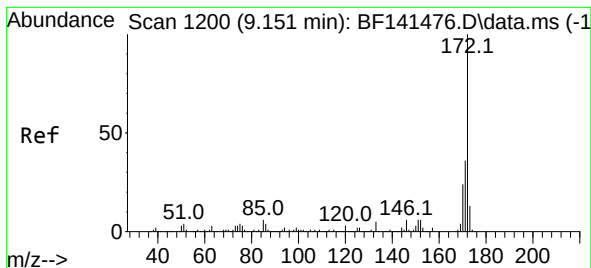
Tgt Ion:164 Resp: 165877
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 46.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 108.728 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:330 Resp: 181175
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 35.1 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 84.371 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

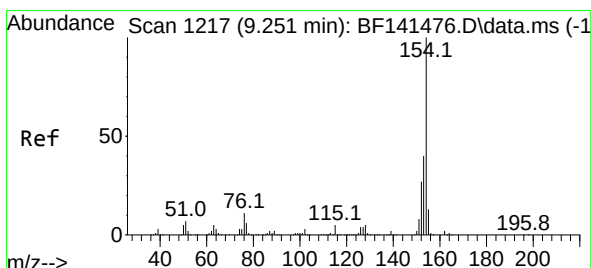
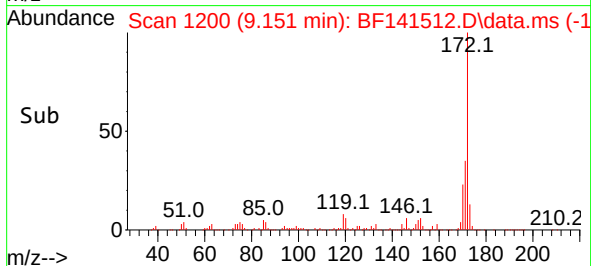
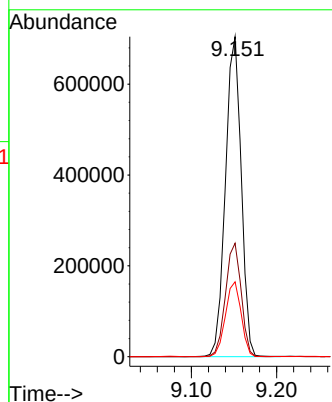
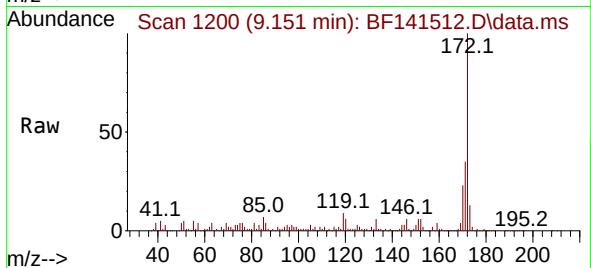
Tgt Ion:172 Resp: 908402

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 3.730 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

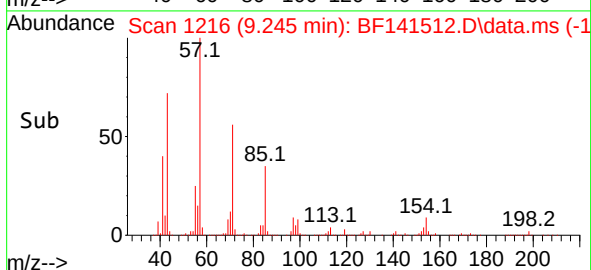
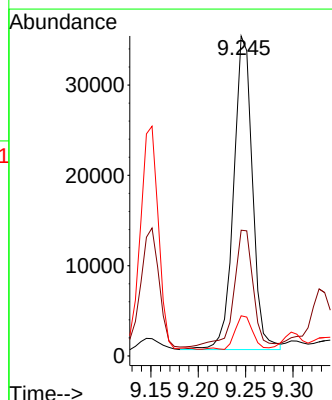
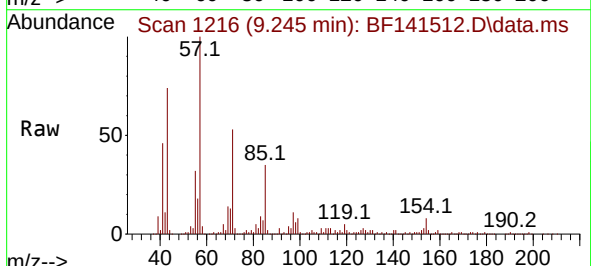
Tgt Ion:154 Resp: 47966

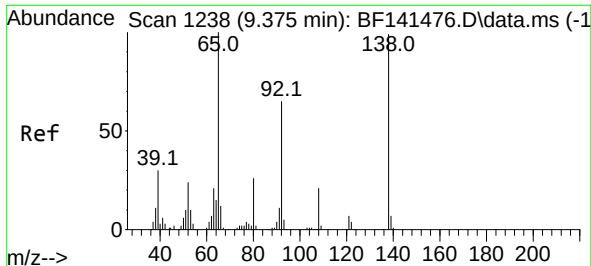
Ion Ratio Lower Upper

154 100

153 39.3 20.4 60.4

76 12.5 0.0 30.8

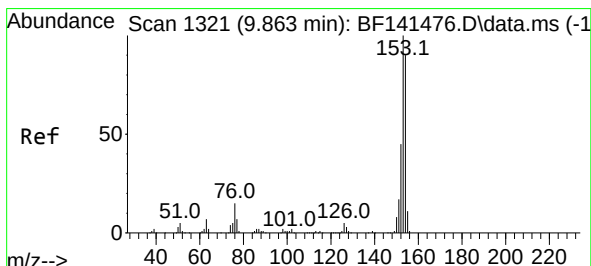
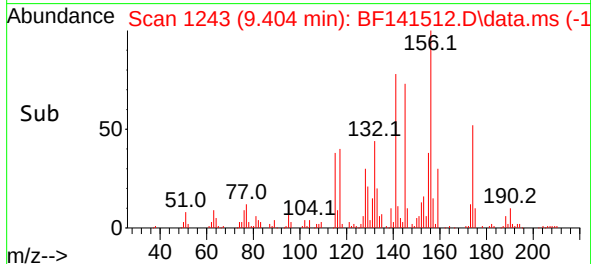
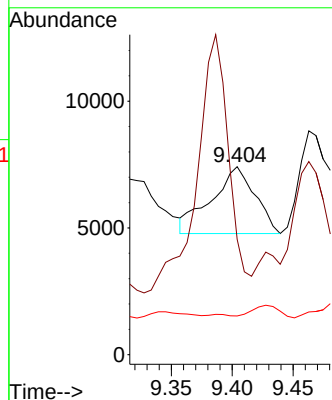
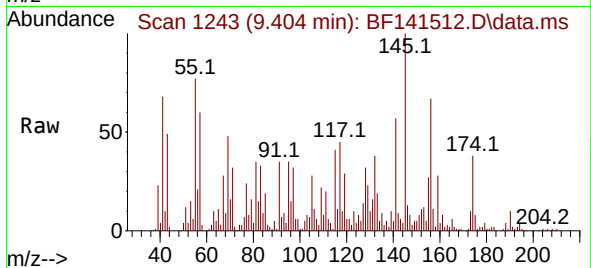




#48
2-Nitroaniline
Concen: 2.060 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.024 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

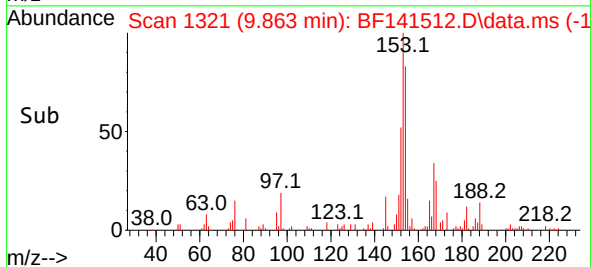
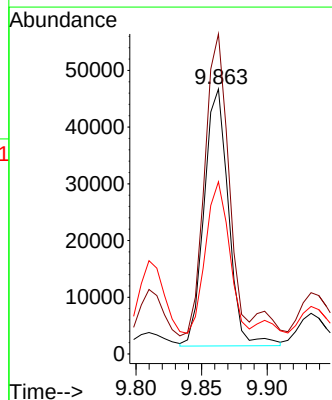
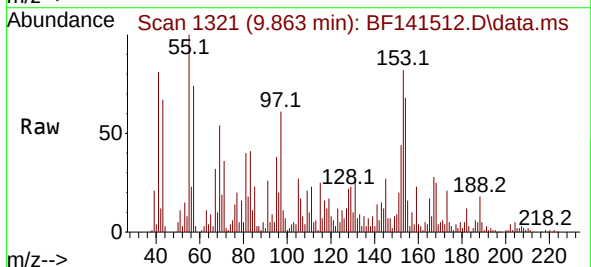
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

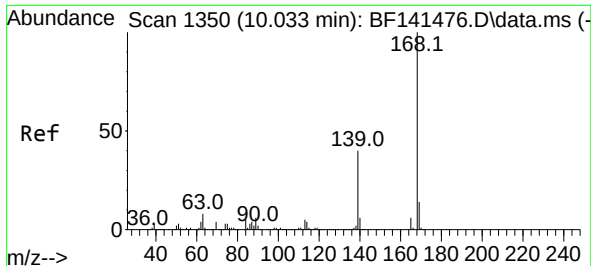
Tgt Ion: 65 Resp: 6575
Ion Ratio Lower Upper
65 100
92 61.4 52.2 78.2
138 20.6 79.5 119.3#



#52
Acenaphthene
Concen: 6.168 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion: 154 Resp: 58652
Ion Ratio Lower Upper
154 100
153 120.8 89.2 133.8
152 65.0 39.8 59.8#

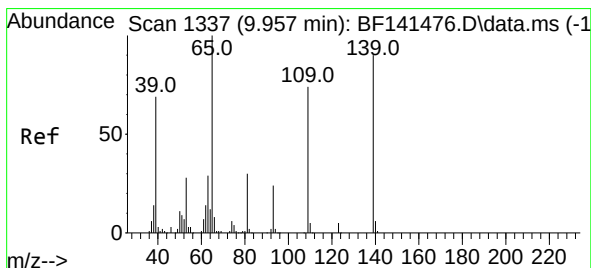
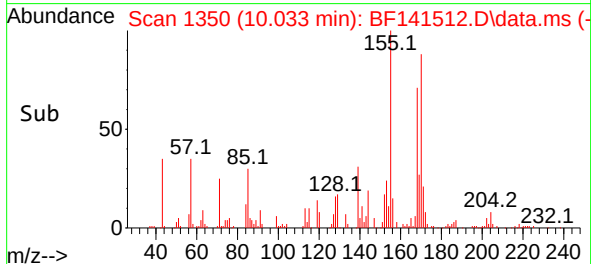
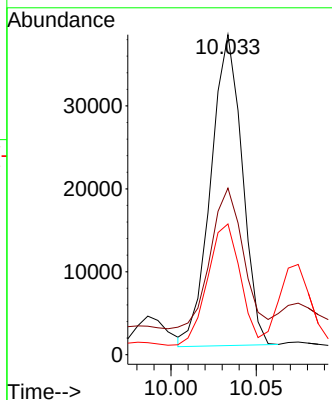
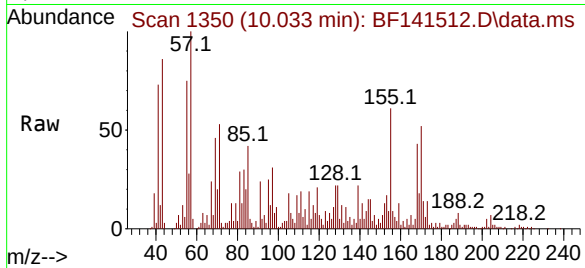




#55
Dibenzofuran
Concen: 3.433 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

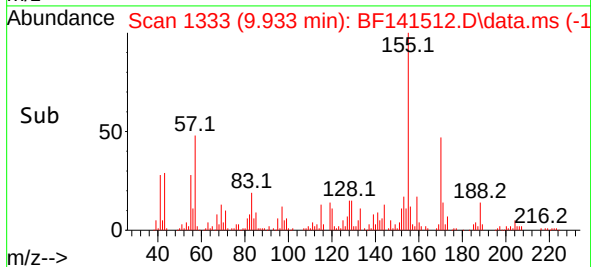
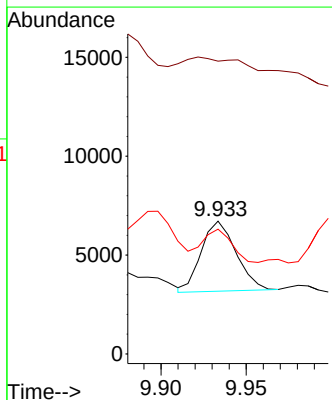
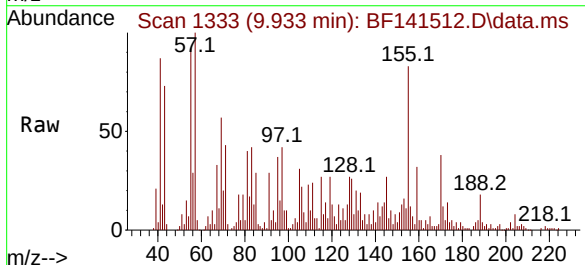
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

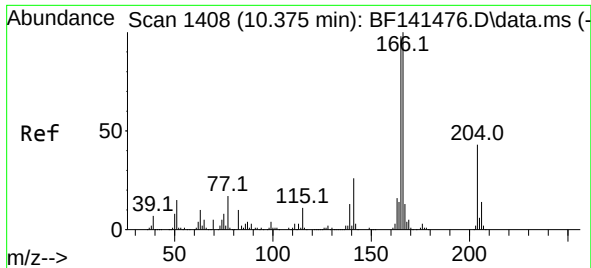
Tgt Ion:168 Resp: 47922
Ion Ratio Lower Upper
168 100
139 52.1 32.7 49.1#
169 40.9 10.8 16.2#



#56
4-Nitrophenol
Concen: 2.567 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.035 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:139 Resp: 5049
Ion Ratio Lower Upper
139 100
109 220.4 62.0 102.0#
65 94.0 91.2 131.2

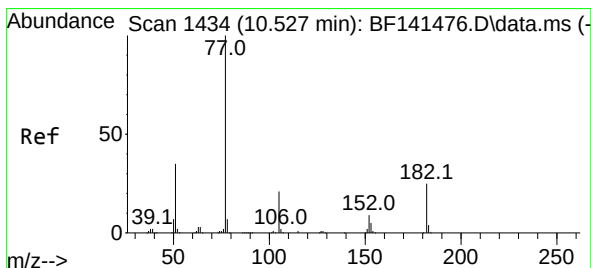
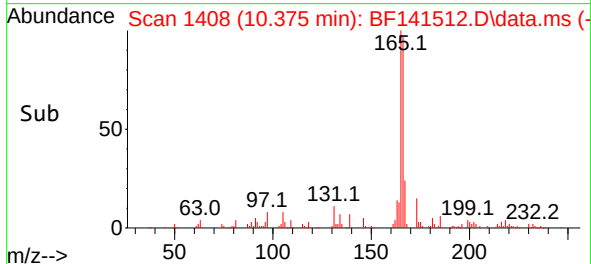
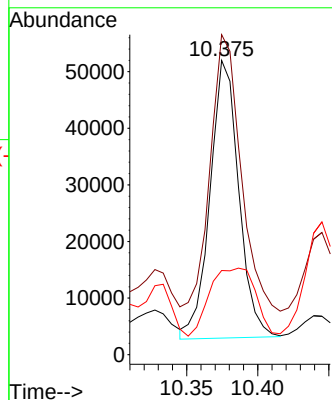
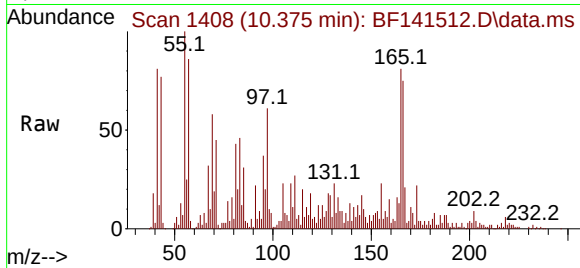




#58
Fluorene
Concen: 6.397 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

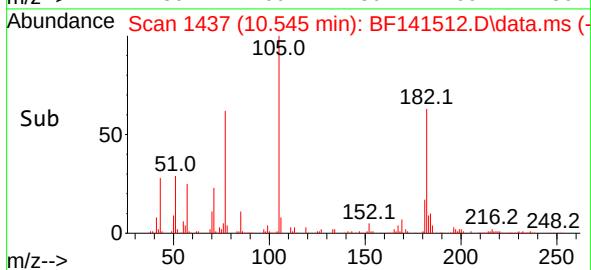
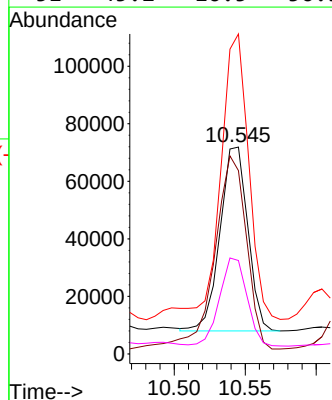
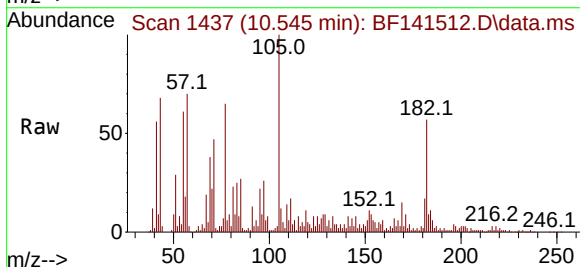
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

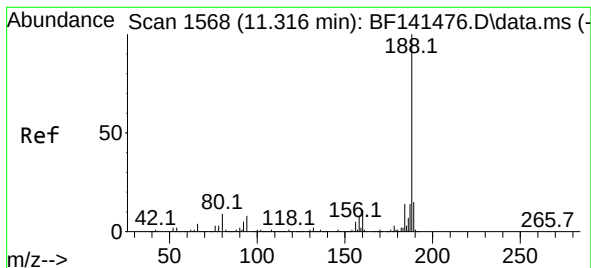
Tgt Ion:166 Resp: 69041
Ion Ratio Lower Upper
166 100
165 108.8 78.2 117.2
167 28.6 10.7 16.1#



#63
Azobenzene
Concen: 7.890 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion: 77 Resp: 86903
Ion Ratio Lower Upper
77 100
182 88.6 4.7 44.7#
105 154.6 0.4 40.4#
51 45.2 16.5 56.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

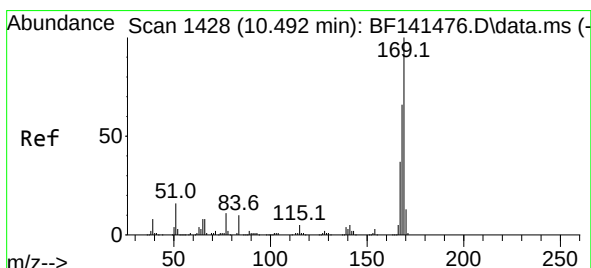
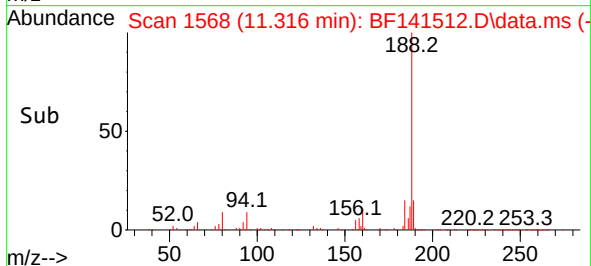
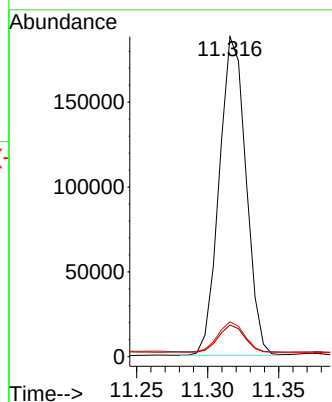
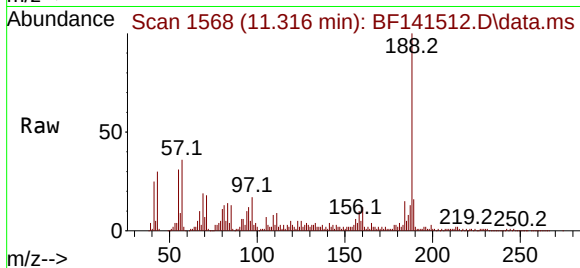
Tgt Ion:188 Resp: 245887

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

80 10.9 7.3 10.9#



#66

n-Nitrosodiphenylamine

Concen: 3.767 ng

RT: 10.486 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

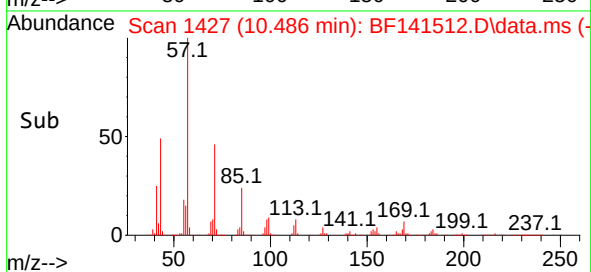
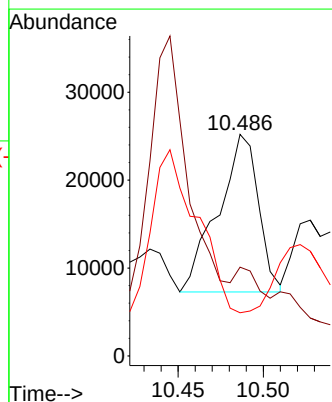
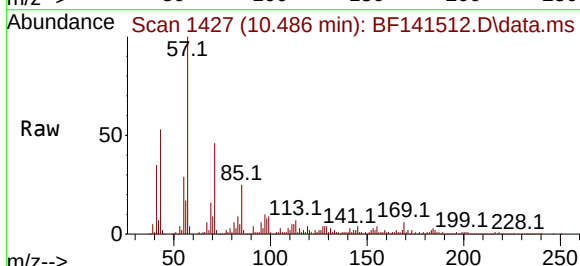
Tgt Ion:169 Resp: 29654

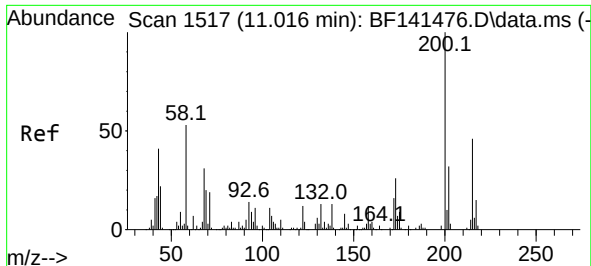
Ion Ratio Lower Upper

169 100

168 40.1 53.3 79.9#

167 19.5 29.4 44.2#

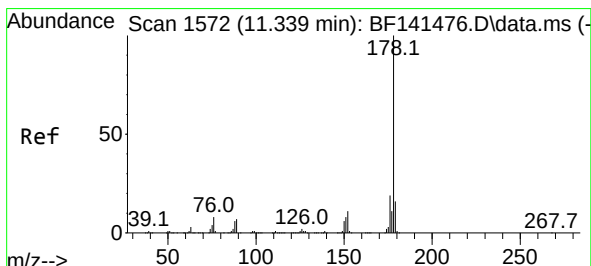
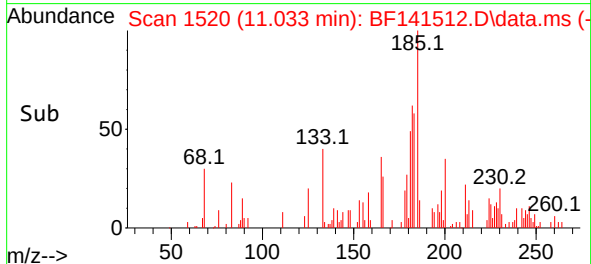
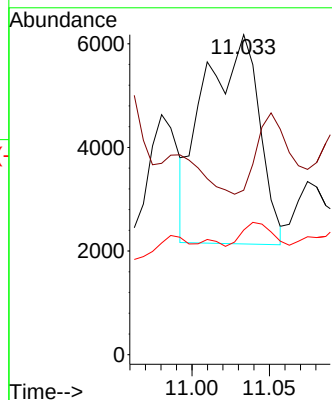
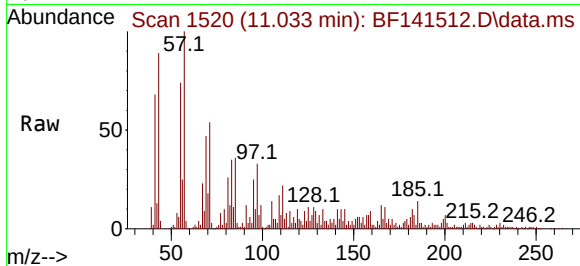




#69
Atrazine
Concen: 4.208 ng
RT: 11.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

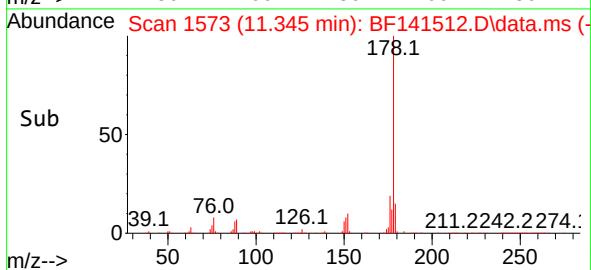
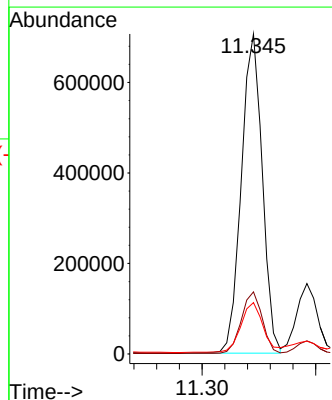
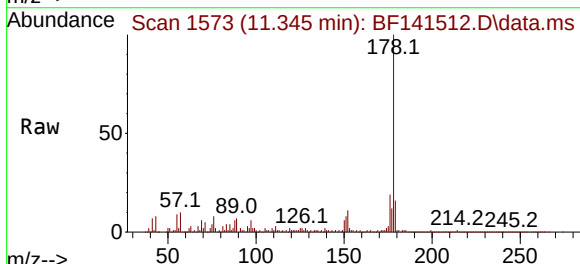
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

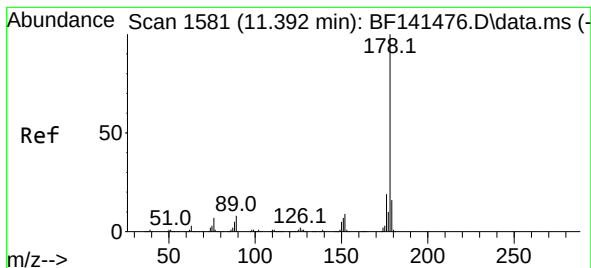
Tgt Ion:200 Resp: 9936
Ion Ratio Lower Upper
200 100
173 51.4 5.9 45.9#
215 39.0 25.9 65.9



#71
Phenanthrene
Concen: 66.683 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:178 Resp: 902556
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 12.4 18.6





#72

Anthracene

Concen: 12.879 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

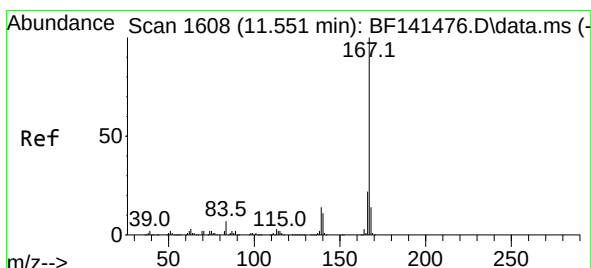
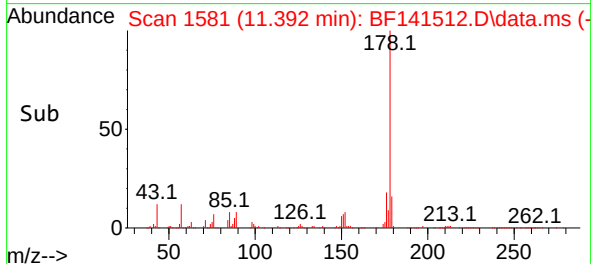
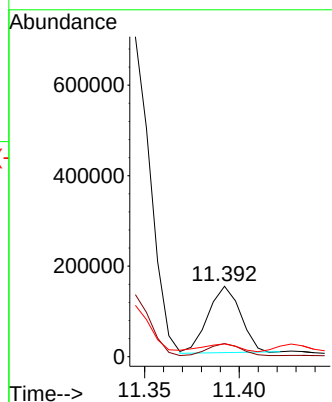
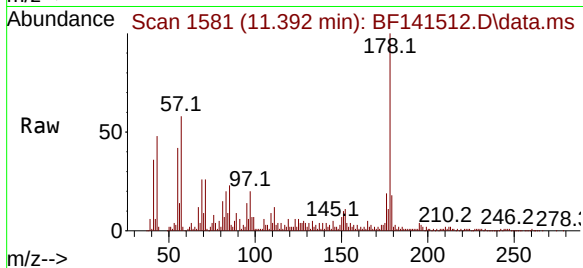
Tgt Ion:178 Resp: 175237

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 18.1 12.4 18.6



#73

Carbazole

Concen: 4.974 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

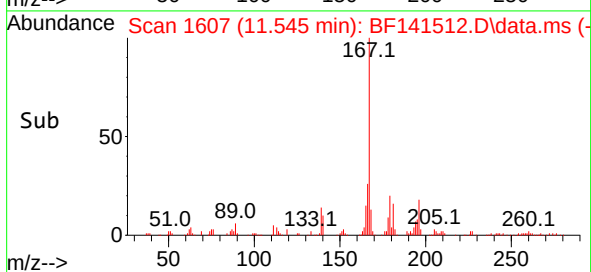
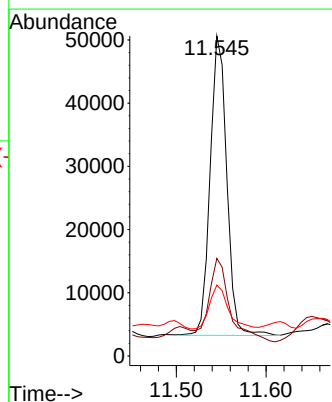
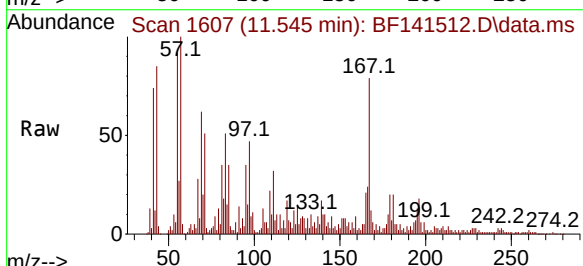
Tgt Ion:167 Resp: 60891

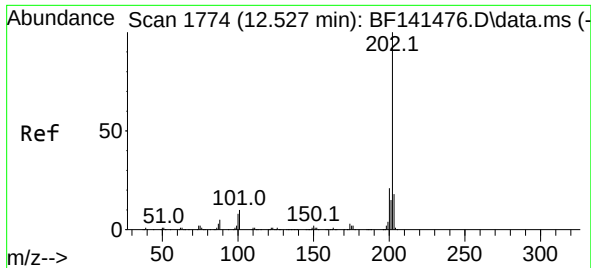
Ion Ratio Lower Upper

167 100

166 30.5 17.4 26.2#

139 22.1 10.9 16.3#

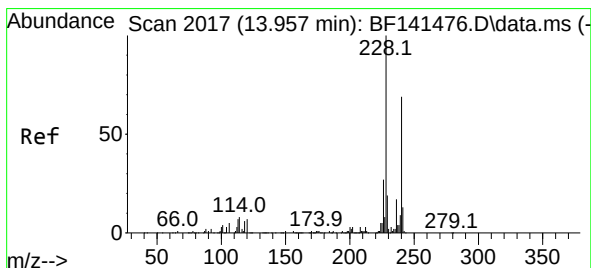
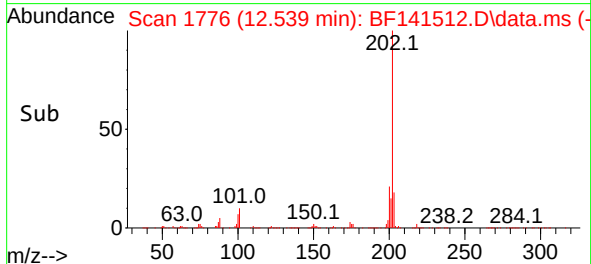
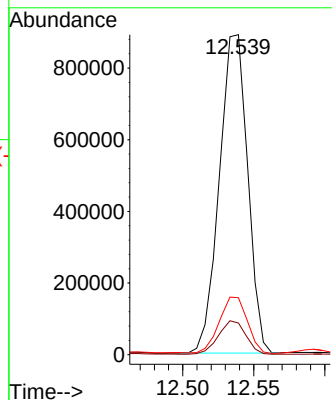
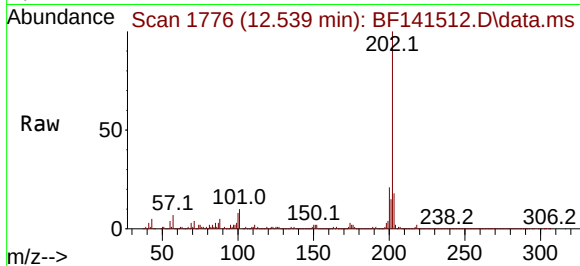




#75
Fluoranthene
Concen: 86.005 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

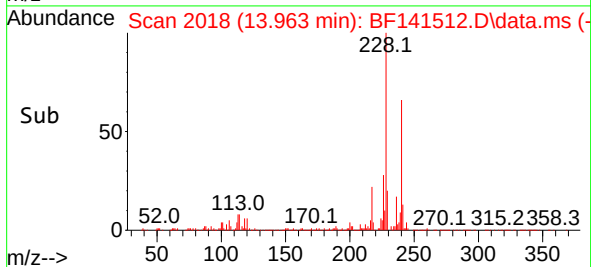
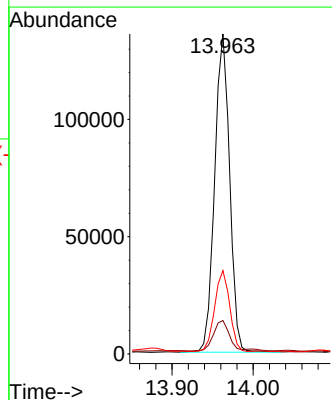
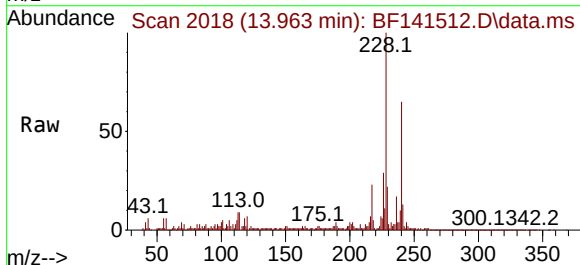
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

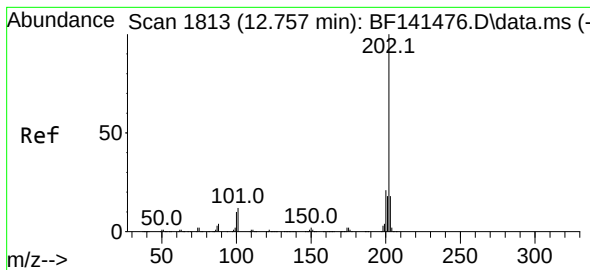
Tgt Ion:202 Resp: 1234152
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:240 Resp: 174332
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 26.1 19.8 29.8





#78

Pyrene

Concen: 75.680 ng

RT: 12.763 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

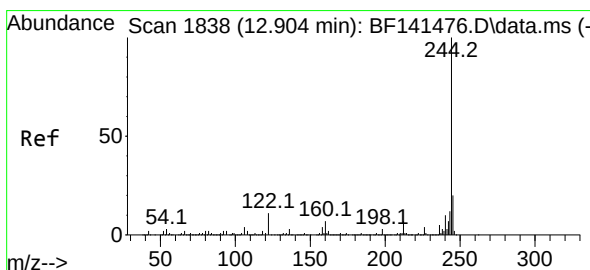
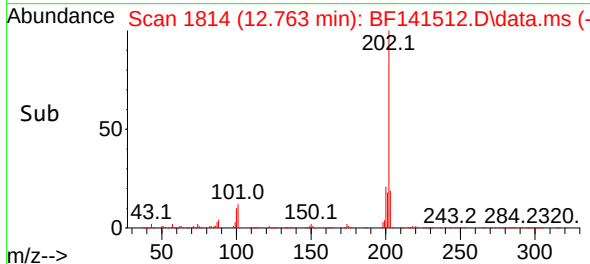
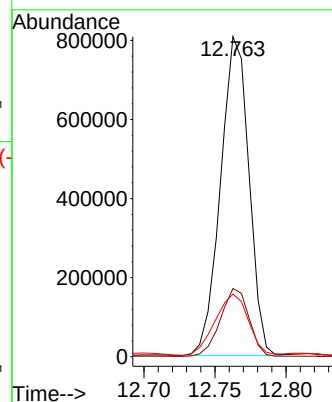
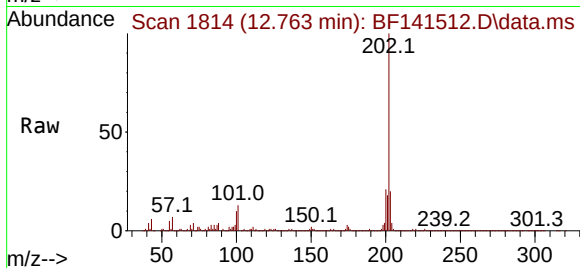
BNA_F

ClientSampleId :

HR-01-020425

Tgt Ion:202 Resp: 1123120

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	19.6	14.3	21.5



#79

Terphenyl-d14

Concen: 77.076 ng

RT: 12.904 min Scan# 1838

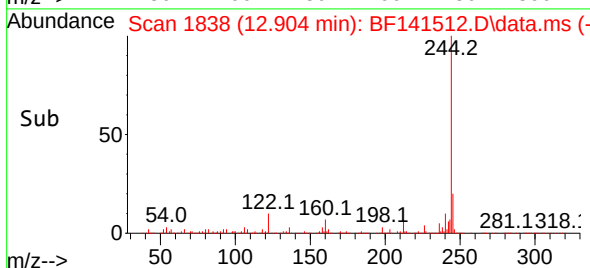
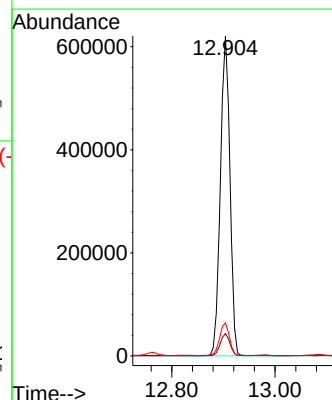
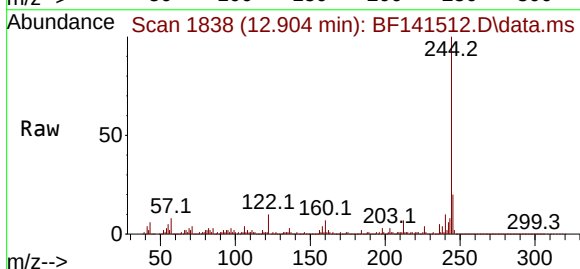
Delta R.T. 0.000 min

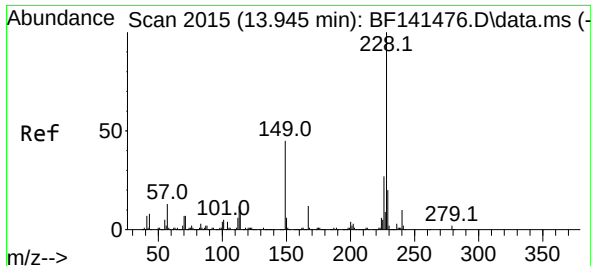
Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Tgt Ion:244 Resp: 795940

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	8.4	12.6

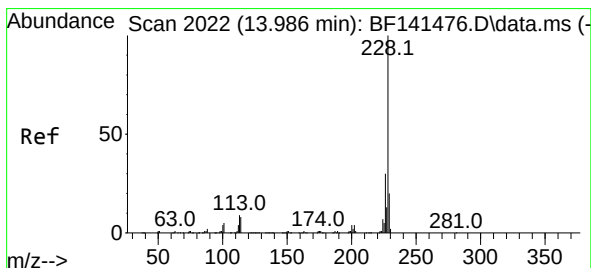
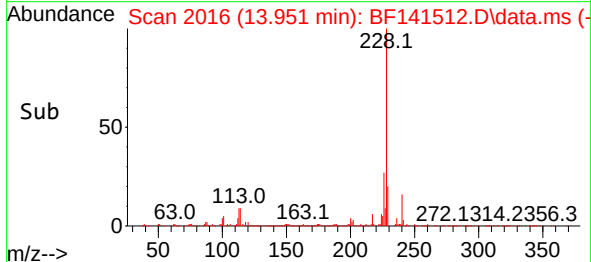
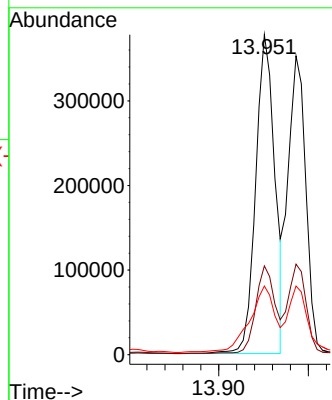
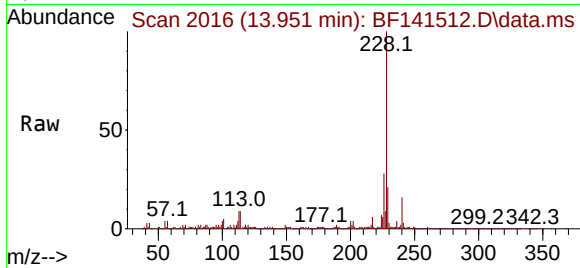




#81
Benzo(a)anthracene
Concen: 48.220 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

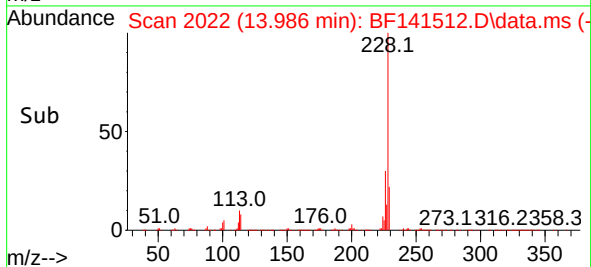
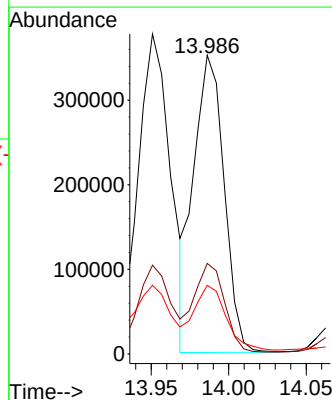
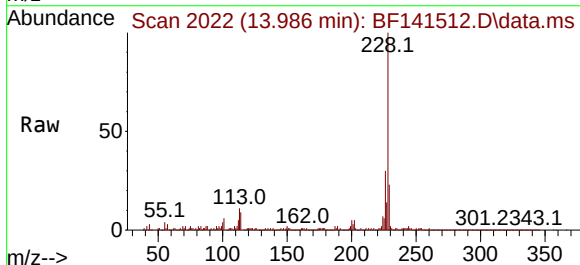
Instrument :
BNA_F
ClientSampleId :
HR-01-020425

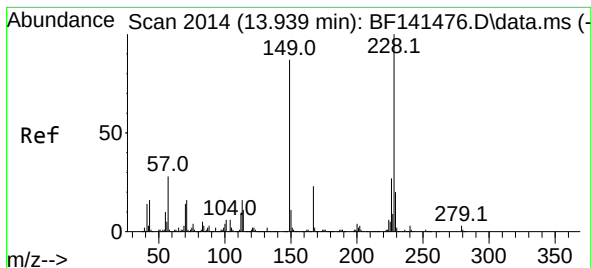
Tgt Ion:228 Resp: 558795
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 21.5 15.8 23.6



#83
Chrysene
Concen: 44.784 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141512.D
Acq: 07 Feb 2025 17:16

Tgt Ion:228 Resp: 479197
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 23.0 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.122 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

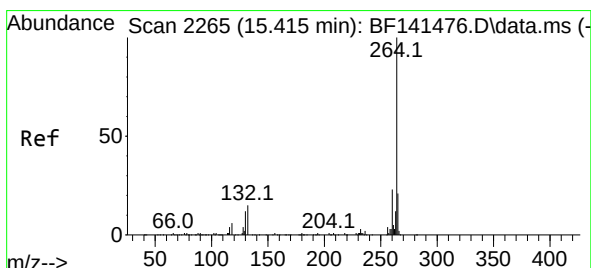
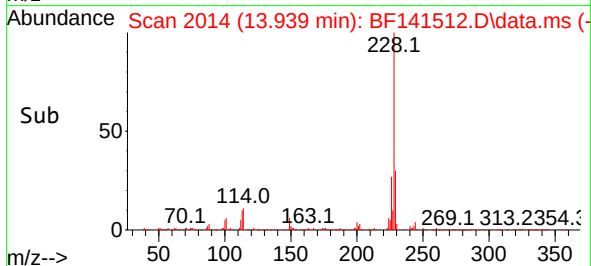
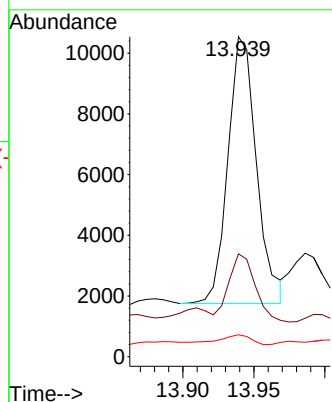
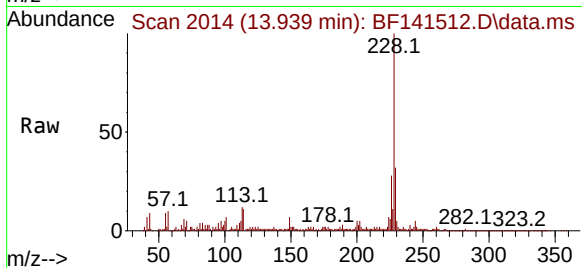
Tgt Ion:149 Resp: 12305

Ion Ratio Lower Upper

149 100

167 32.1 21.4 32.0#

279 6.9 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

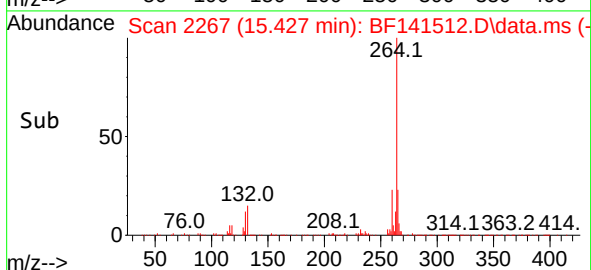
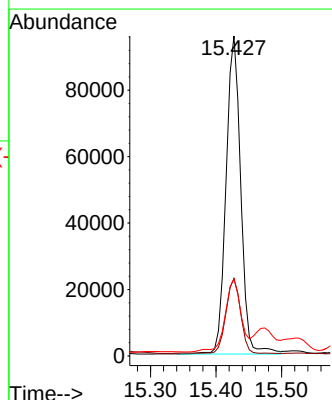
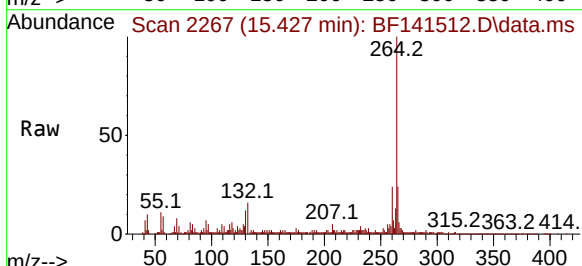
Tgt Ion:264 Resp: 148388

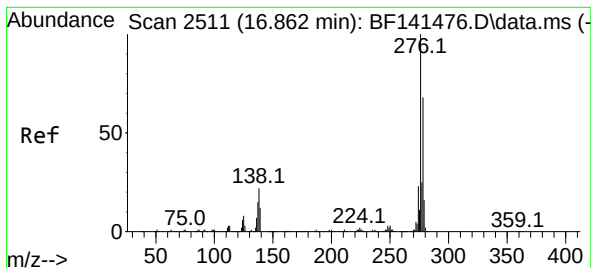
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 24.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 17.444 ng

RT: 16.868 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

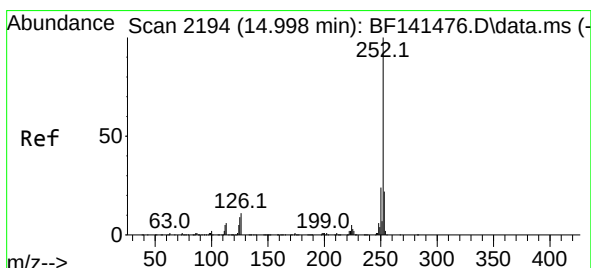
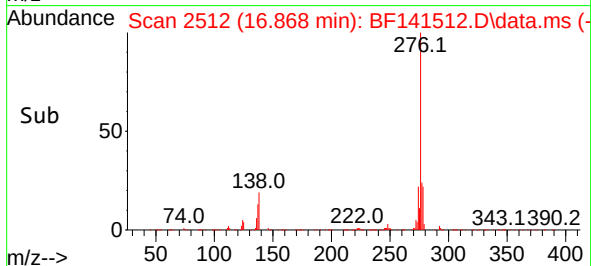
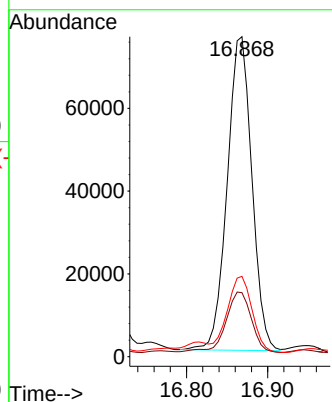
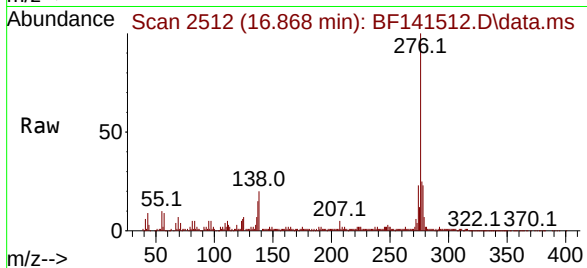
Tgt Ion:276 Resp: 159936

Ion Ratio Lower Upper

276 100

138 20.9 18.0 27.0

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 65.102 ng

RT: 15.010 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

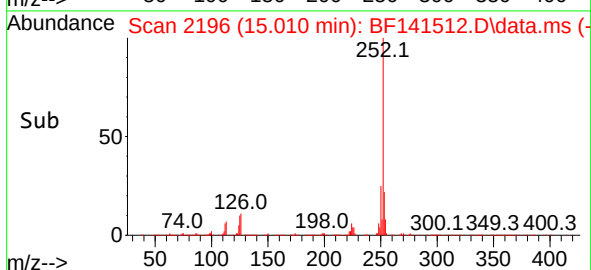
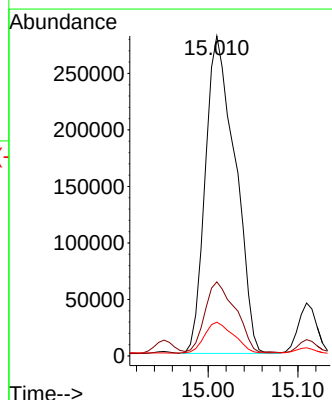
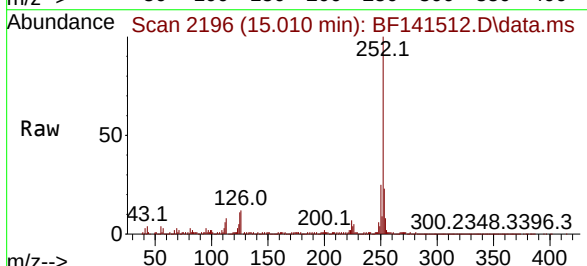
Tgt Ion:252 Resp: 648646

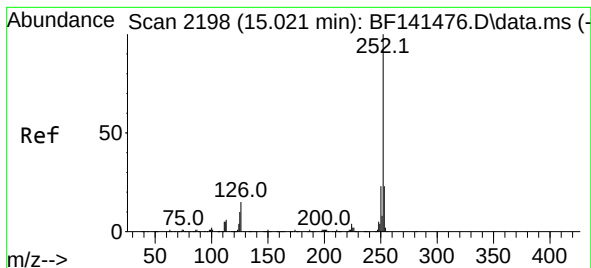
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 10.6 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 76.240 ng

RT: 15.010 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

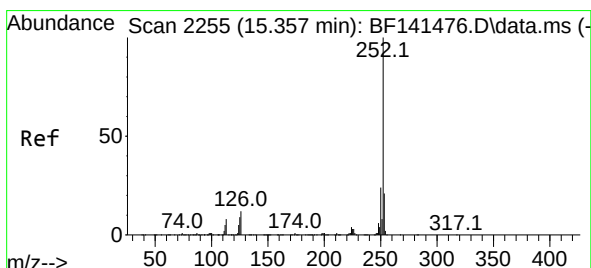
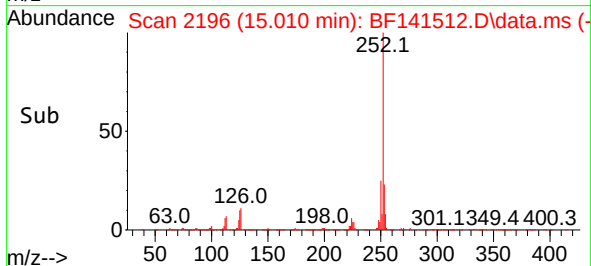
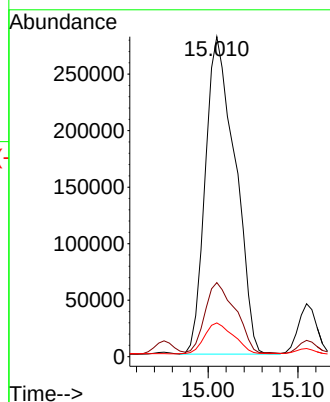
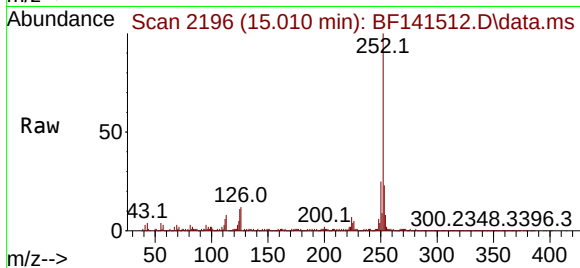
Tgt Ion:252 Resp: 648646

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 10.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.744 ng

RT: 15.368 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

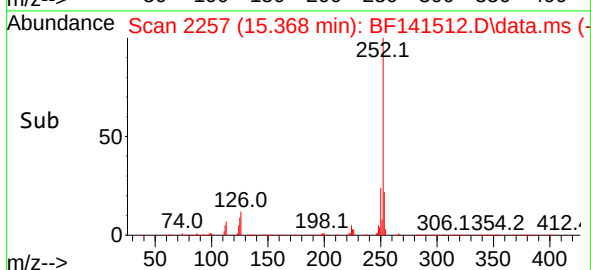
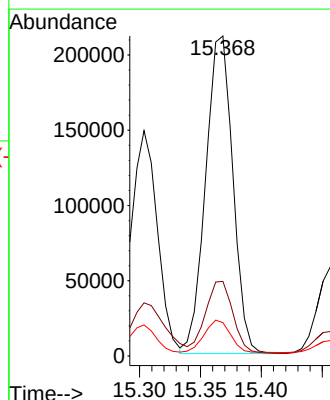
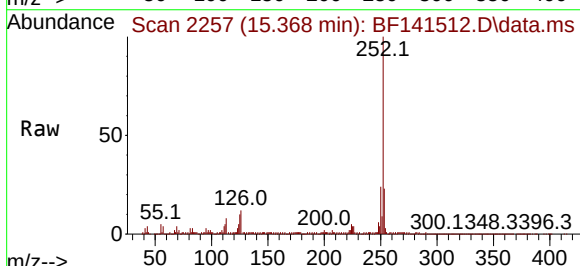
Tgt Ion:252 Resp: 328485

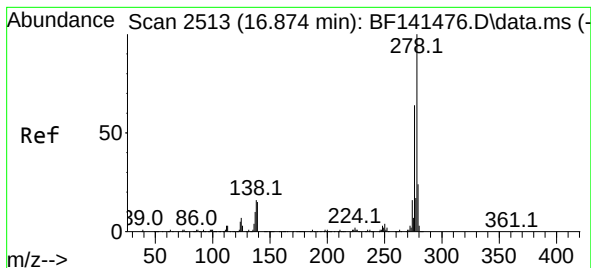
Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 5.983 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.018 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

HR-01-020425

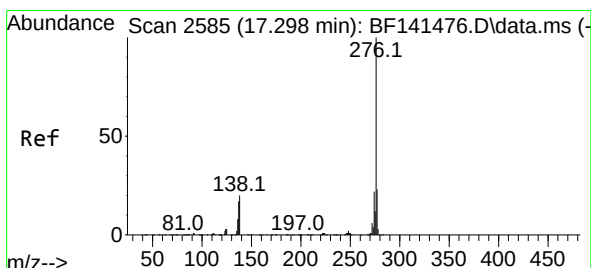
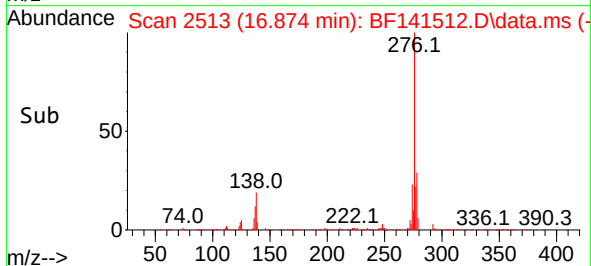
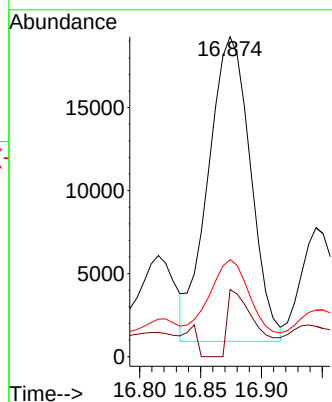
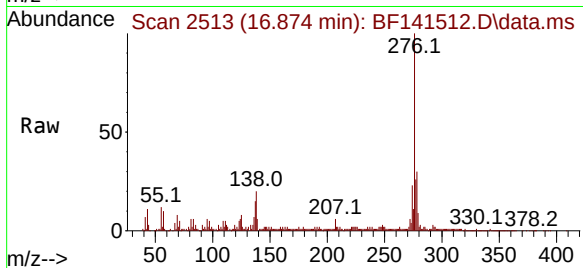
Tgt Ion:278 Resp: 44450

Ion Ratio Lower Upper

278 100

139 20.9 11.8 17.6#

279 30.3 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 18.989 ng

RT: 17.304 min Scan# 2586

Delta R.T. -0.012 min

Lab File: BF141512.D

Acq: 07 Feb 2025 17:16

Tgt Ion:276 Resp: 147632

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 20.1 15.9 23.9

