

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135267.D
 Acq On : 14 Sep 2023 22:14
 Operator : CG\JU
 Sample : 04399-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 360

Quant Time: Sep 15 01:37:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

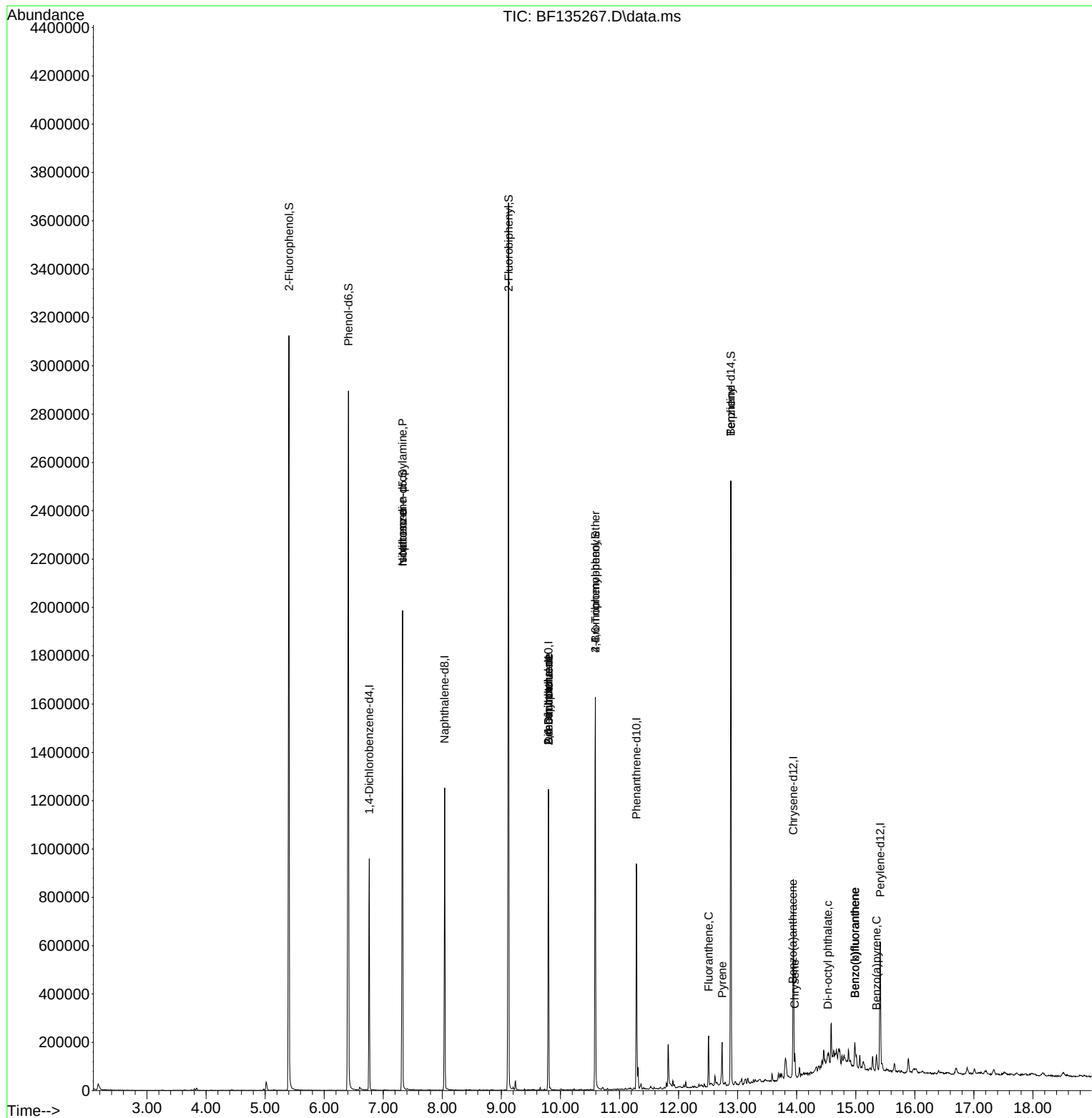
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	132567	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	495704	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	234032	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	359804	20.000	ng	0.00
76) Chrysene-d12	13.945	240	241942	20.000	ng	0.00
86) Perylene-d12	15.415	264	252466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	800773	98.246	ng	0.02
7) Phenol-d6	6.410	99	996399	96.139	ng	0.00
23) Nitrobenzene-d5	7.328	82	621475	68.114	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	187776	80.739	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1117292	72.028	ng	0.00
79) Terphenyl-d14	12.886	244	872196	55.884	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	84179	13.113	ng	# 77
25) Isophorone	7.328	82	617951	36.883	ng	# 65
50) Dimethylphthalate	9.798	163	46178	2.918	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29436	8.492	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29436	6.783	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	12076	3.375	ng	# 1
75) Fluoranthene	12.510	202	85671	4.832	ng	98
77) Benzidine	12.886	184	10804	2.180	ng	# 92
78) Pyrene	12.739	202	74131	3.218	ng	99
81) Benzo(a)anthracene	13.933	228	36796	2.355	ng	96
83) Chrysene	13.968	228	40340	2.597	ng	98
85) Di-n-octyl phthalate	14.527	149	29174	2.206	ng	# 46
88) Benzo(b)fluoranthene	14.986	252	70773	5.178	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	70773	5.242	ng	# 97
90) Benzo(a)pyrene	15.351	252	29674	2.277	ng	# 95

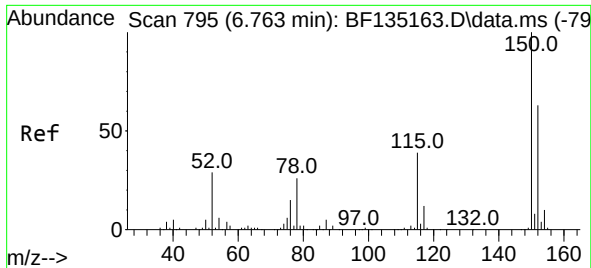
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
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360

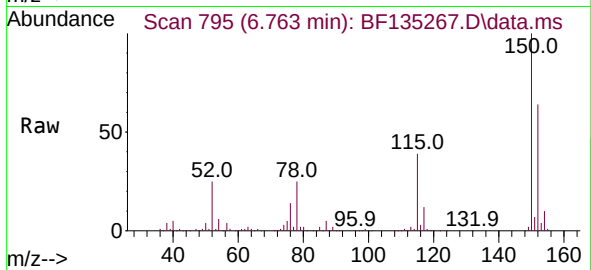
Quant Time: Sep 15 01:37:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
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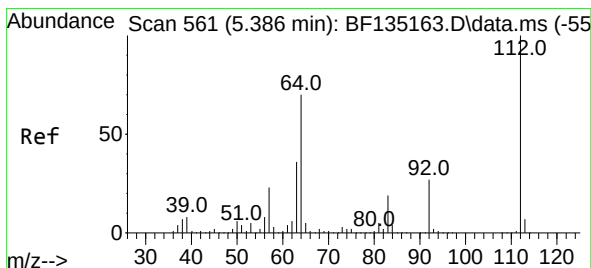
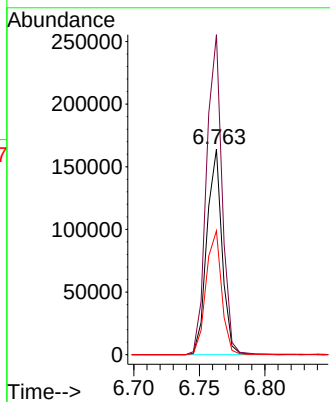
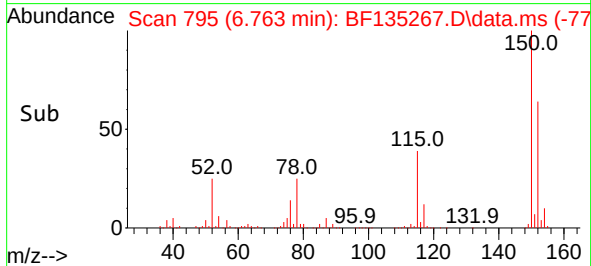


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

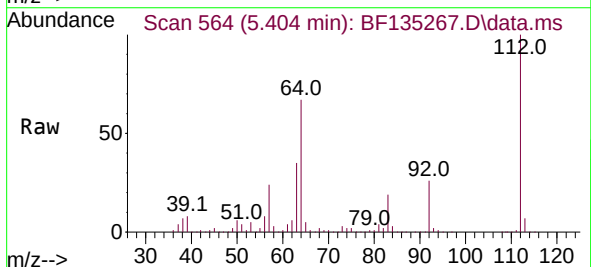
Instrument :
BNA_F
ClientSampleId :
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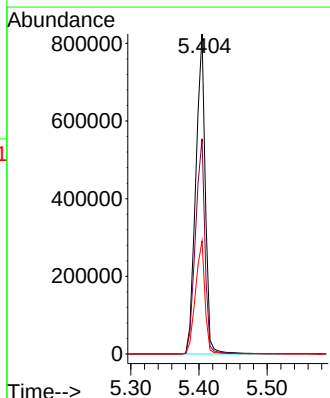
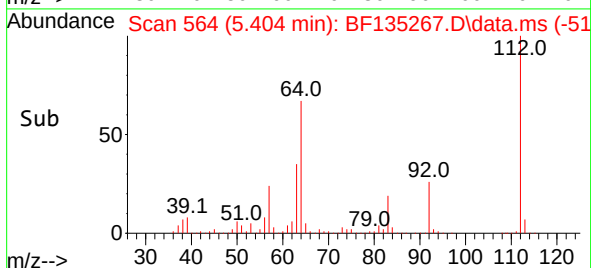
Tgt Ion:152 Resp: 132567
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 60.2 49.8 74.8

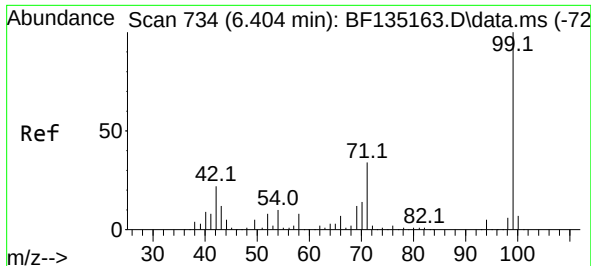


#5
2-Fluorophenol
Concen: 98.246 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



Tgt Ion:112 Resp: 800773
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 35.4 29.0 43.6

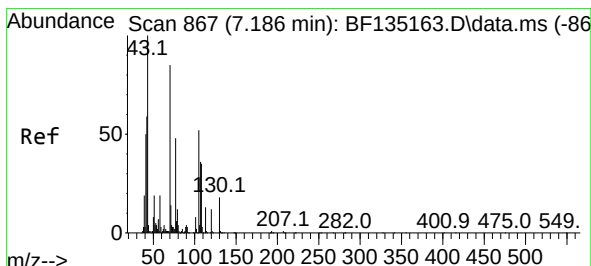
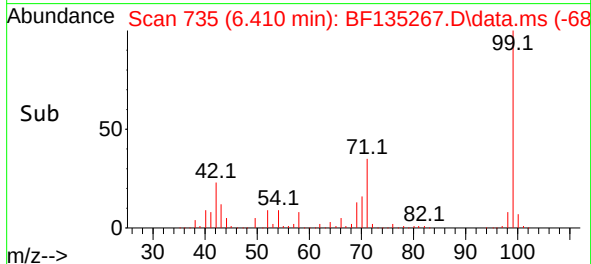
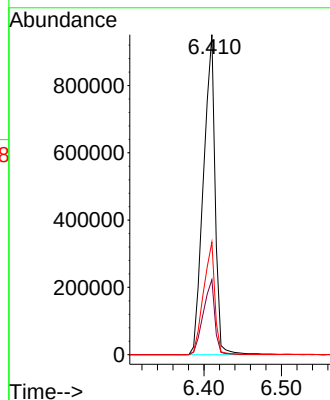
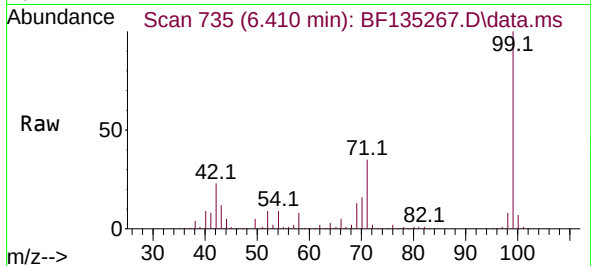




#7
Phenol-d6
Concen: 96.139 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

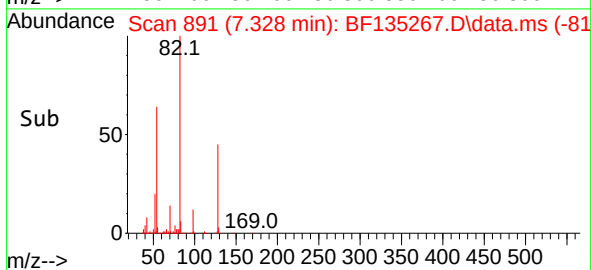
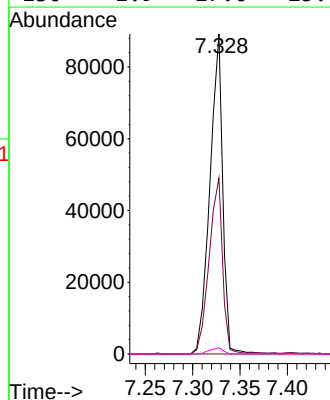
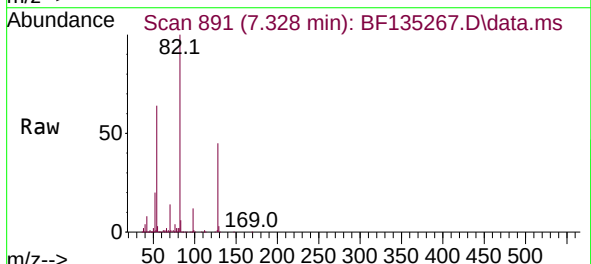
Instrument :
BNA_F
ClientSampleId :
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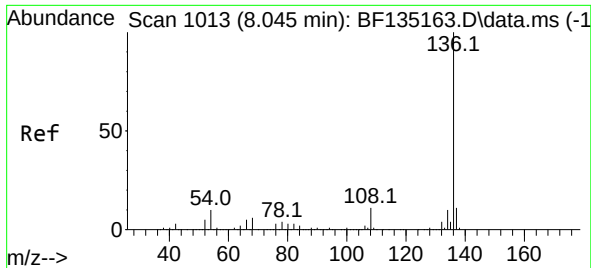
Tgt Ion: 99 Resp: 996399
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.113 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion: 70 Resp: 84179
Ion Ratio Lower Upper
70 100
42 54.9 55.4 83.0#
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

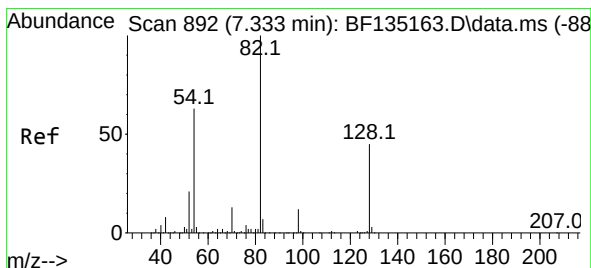
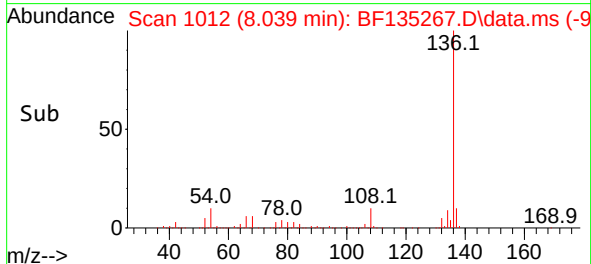
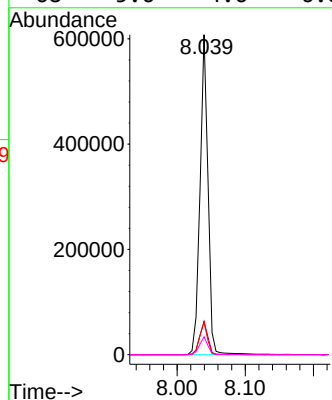
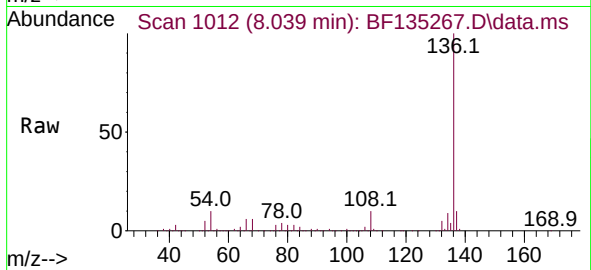




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

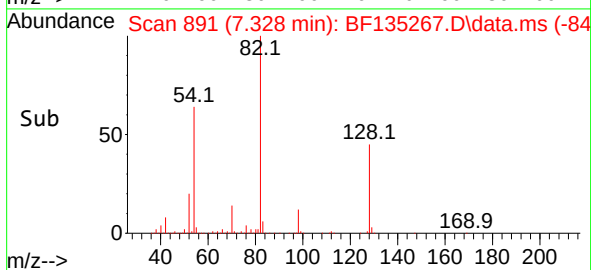
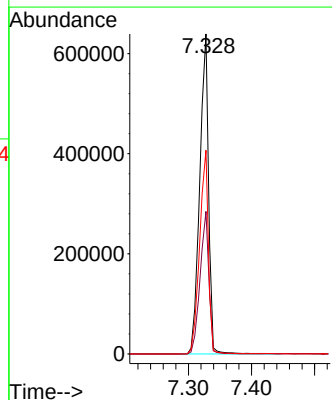
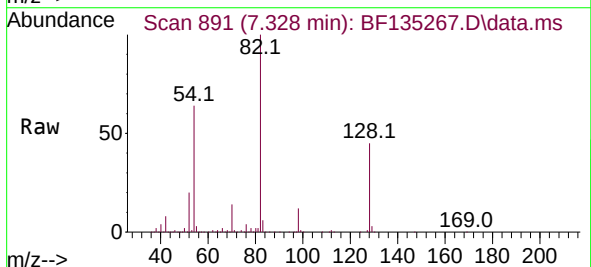
Instrument :
BNA_F
ClientSampleId :
360

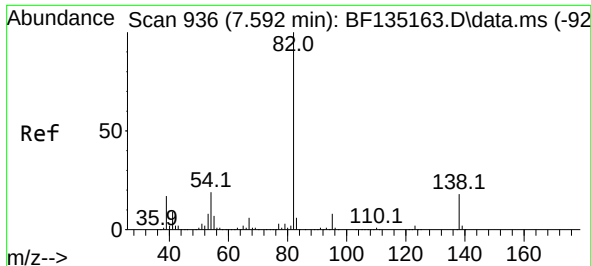
Tgt Ion:136	Resp: 495704
Ion Ratio	Lower Upper
136 100	
137 10.4	8.8 13.2
54 10.2	7.7 11.5
68 5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 68.114 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion: 82	Resp: 621475
Ion Ratio	Lower Upper
82 100	
128 44.5	35.8 53.6
54 63.7	50.6 76.0

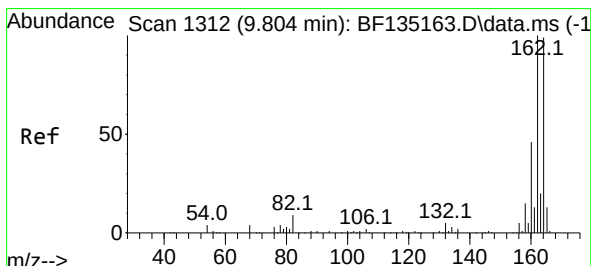
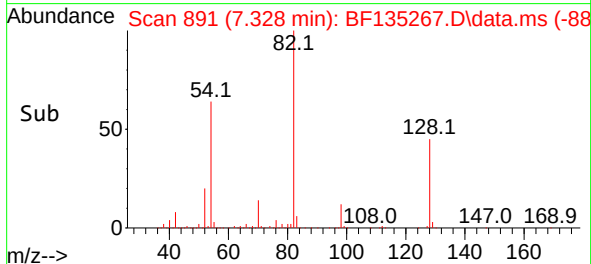
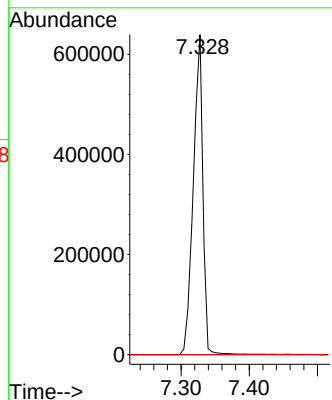
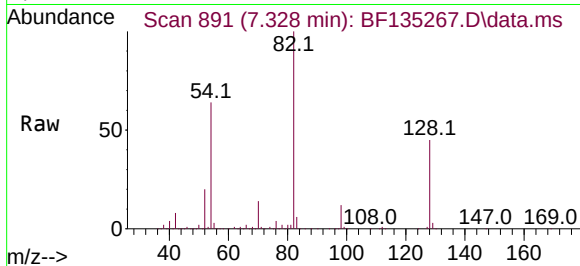




#25
Isophorone
Concen: 36.883 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

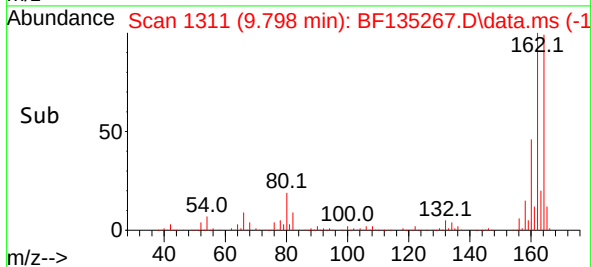
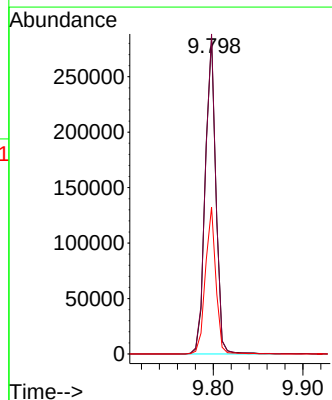
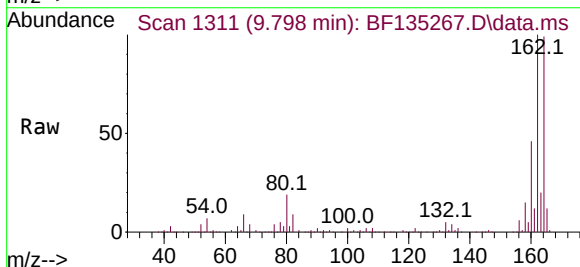
Instrument :
BNA_F
ClientSampleId :
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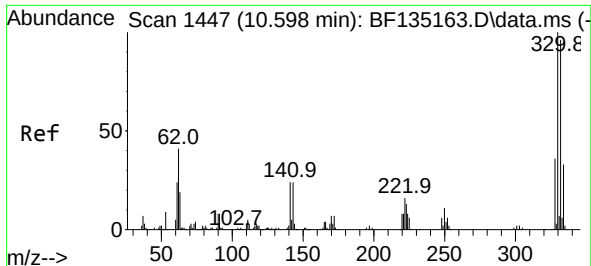
Tgt Ion: 82 Resp: 617951
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion: 164 Resp: 234032
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 80.739 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360

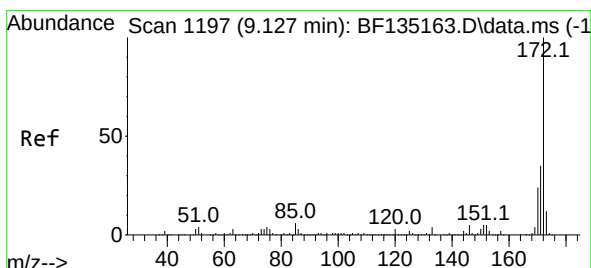
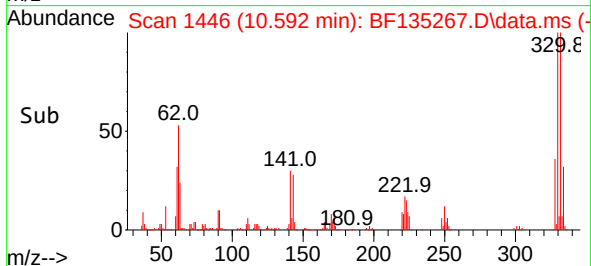
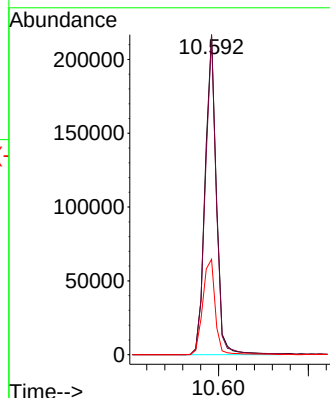
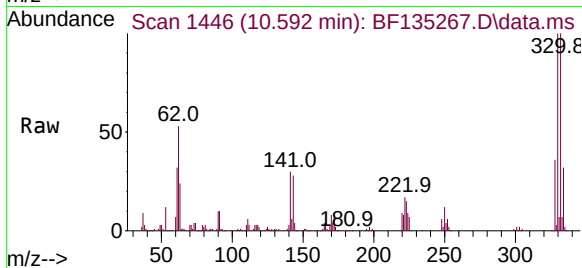
Tgt Ion:330 Resp: 187776

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 72.028 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

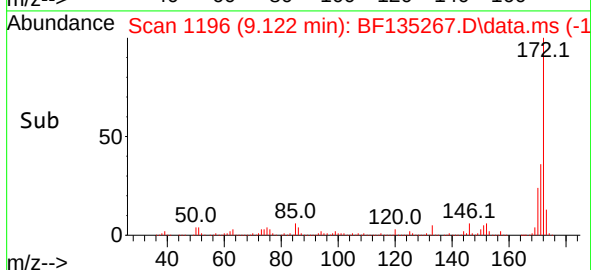
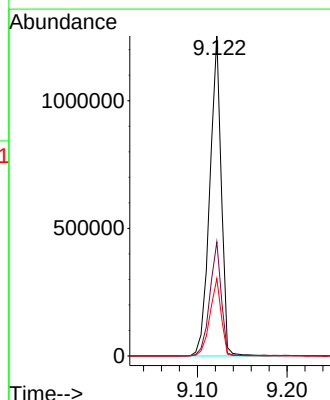
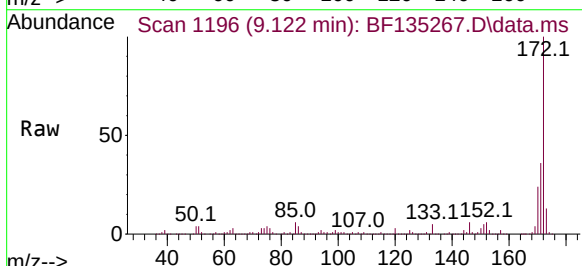
Tgt Ion:172 Resp: 1117292

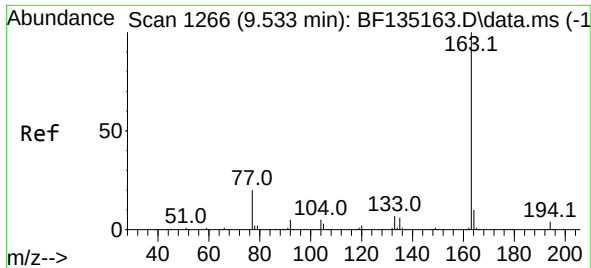
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 19.0 28.4

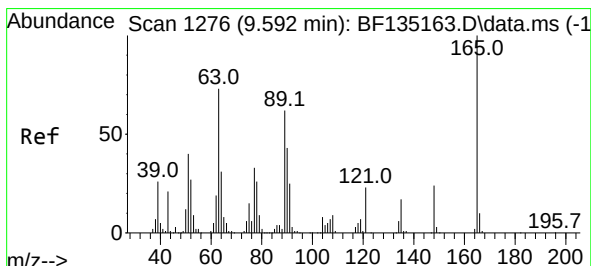
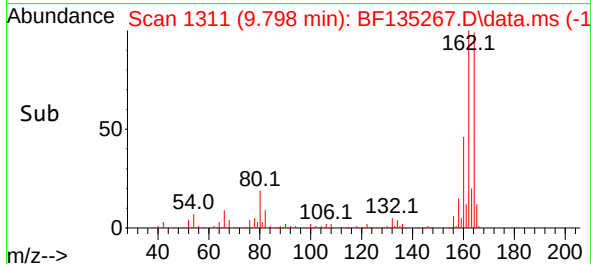
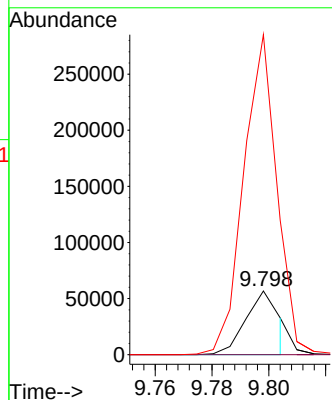
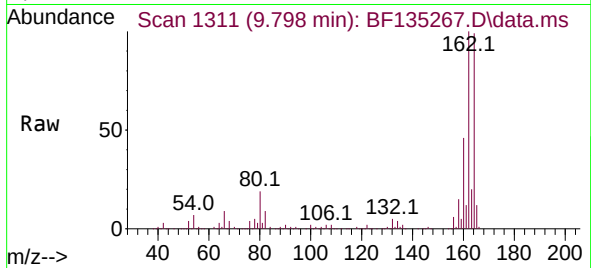




#50
Dimethylphthalate
Concen: 2.918 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

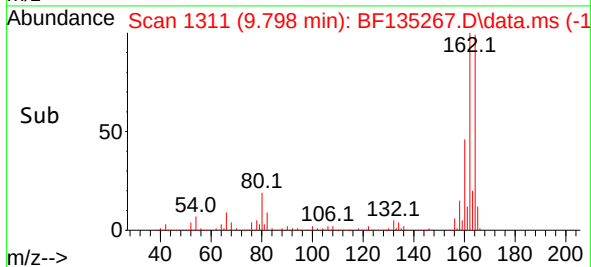
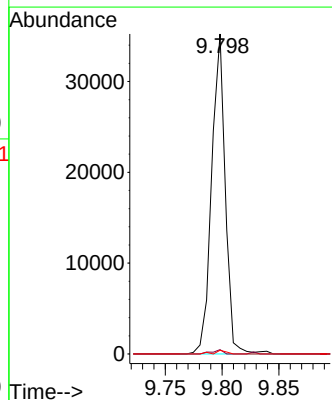
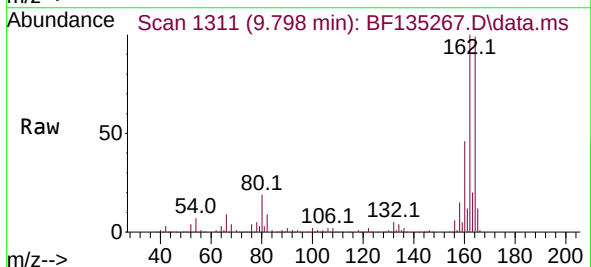
Instrument :
BNA_F
ClientSampleId :
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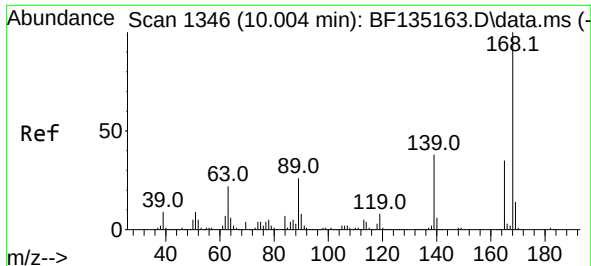
Tgt Ion:163 Resp: 46178
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 502.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:165 Resp: 29436
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.2#
89 1.1 49.8 74.8#

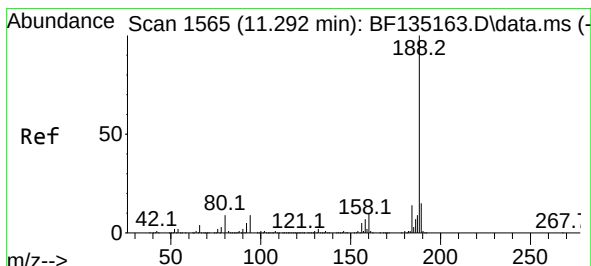
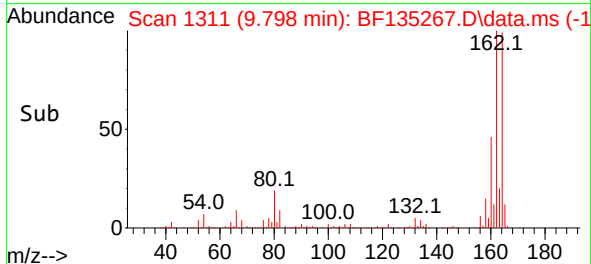
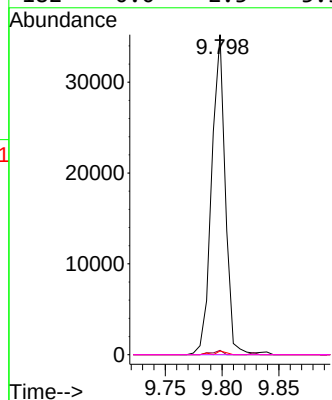
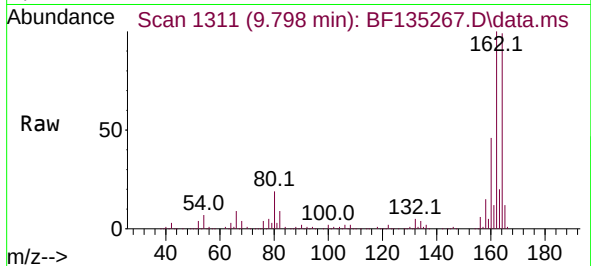




#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

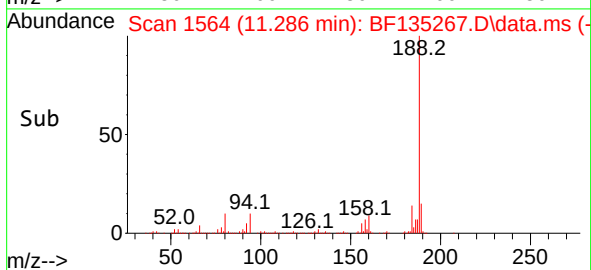
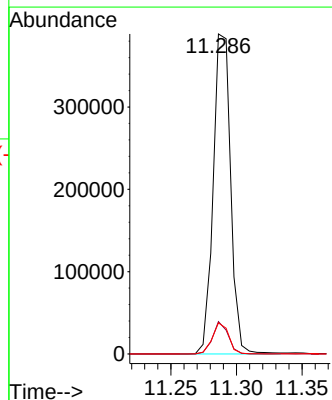
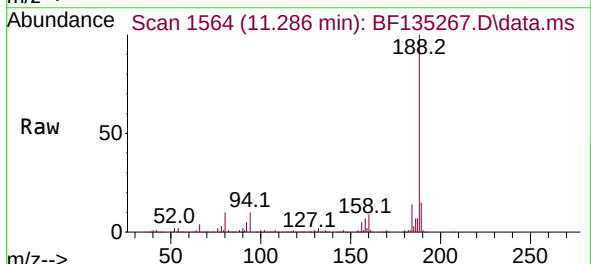
Instrument :
BNA_F
ClientSampleId :
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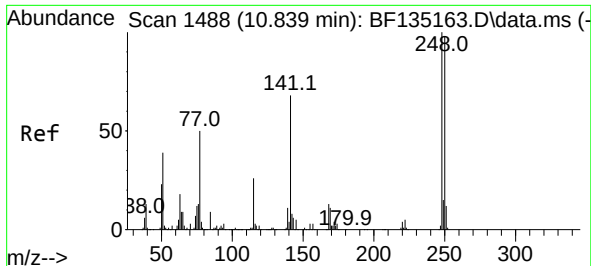
Tgt Ion:165	Resp:	29436
Ion Ratio	Lower	Upper
165	100	
63	1.4	50.1 75.1#
89	1.1	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:188	Resp:	359804
Ion Ratio	Lower	Upper
188	100	
94	10.1	7.0 10.6
80	9.7	7.5 11.3

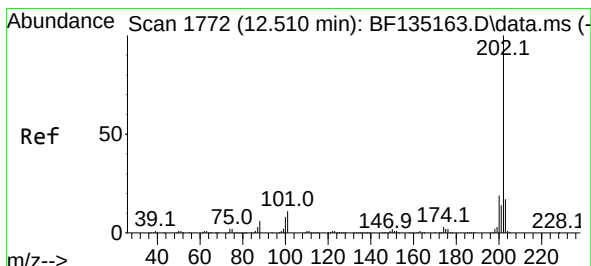
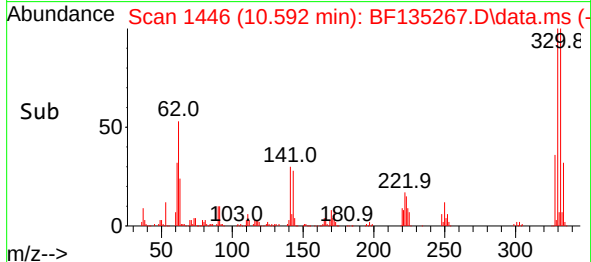
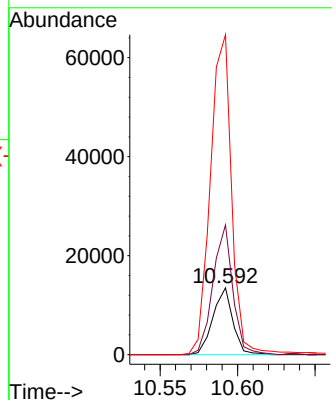
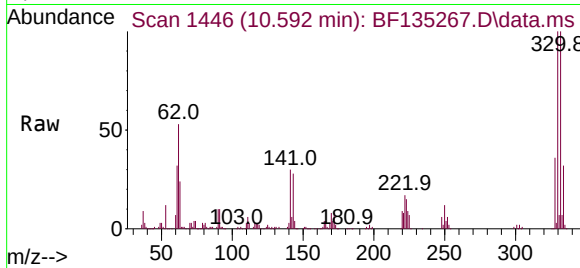




#67
4-Bromophenyl-phenylether
Concen: 3.375 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

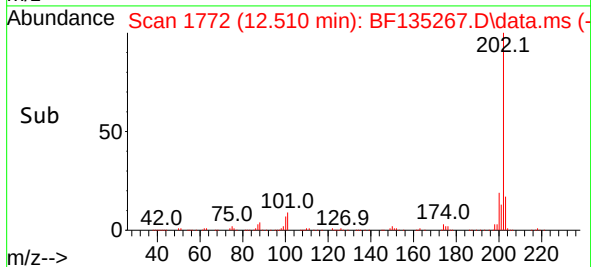
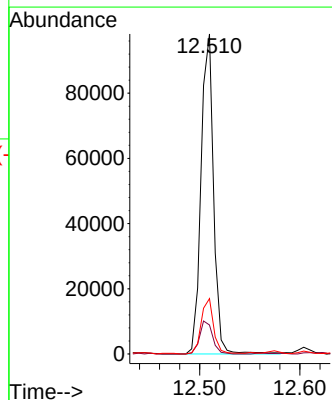
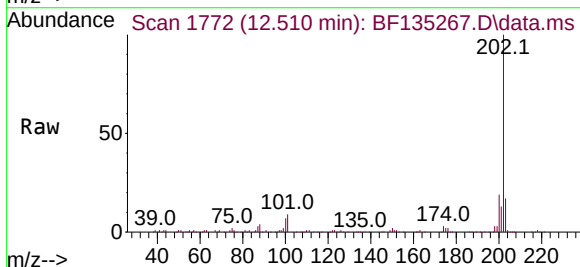
Instrument :
BNA_F
ClientSampleId :
360

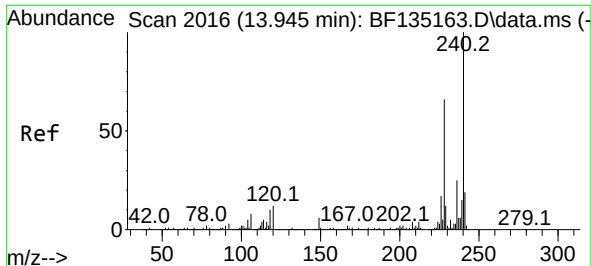
Tgt Ion:248 Resp: 12076
Ion Ratio Lower Upper
248 100
250 194.0 78.6 117.8#
141 478.2 54.2 81.2#



#75
Fluoranthene
Concen: 4.832 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:202 Resp: 85671
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.3
203 17.3 0.0 37.4

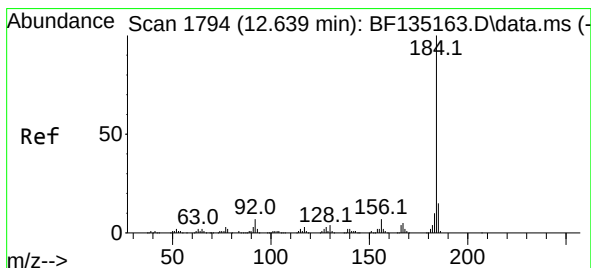
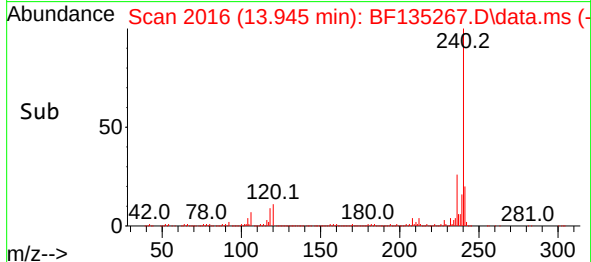
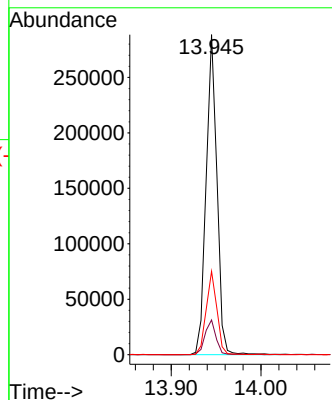
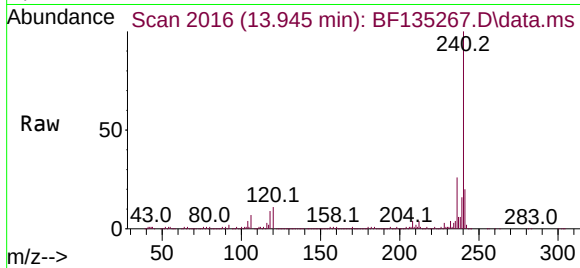




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

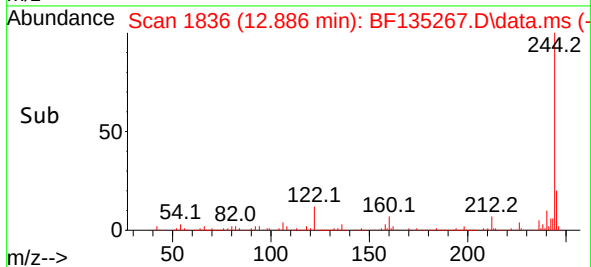
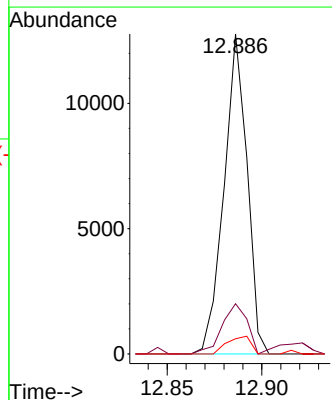
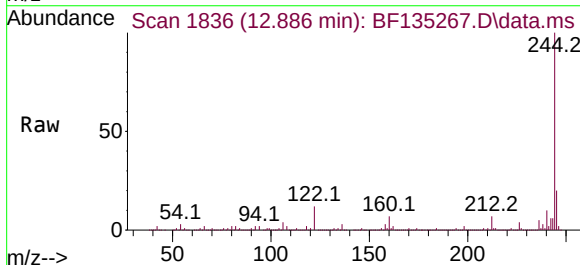
Instrument :
BNA_F
ClientSampleId :
360

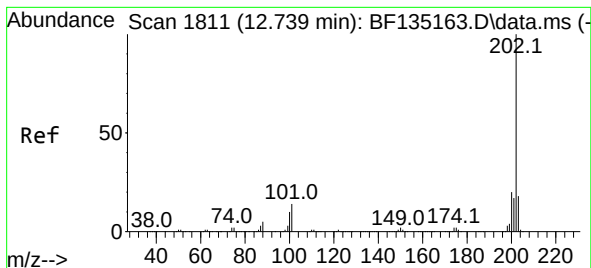
Tgt Ion:240 Resp: 241942
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.0 19.8 29.8



#77
Benzidine
Concen: 2.180 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:184 Resp: 10804
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 4.7 8.2 12.4





#78

Pyrene

Concen: 3.218 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360

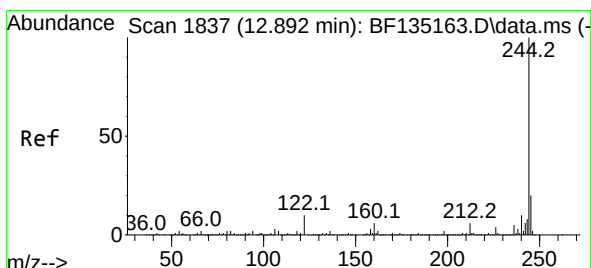
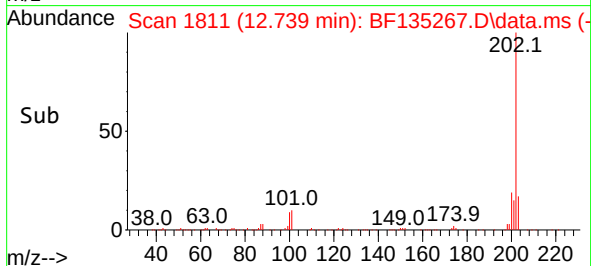
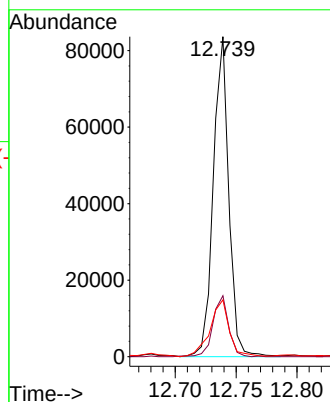
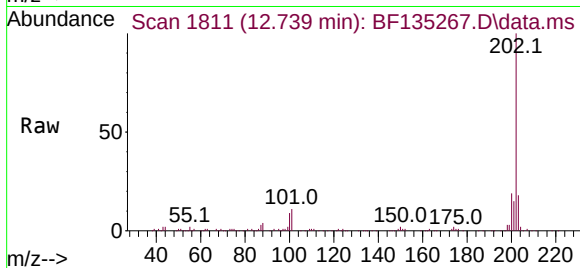
Tgt Ion:202 Resp: 74131

Ion Ratio Lower Upper

202 100

200 19.1 16.2 24.2

203 17.7 14.2 21.4



#79

Terphenyl-d14

Concen: 55.884 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

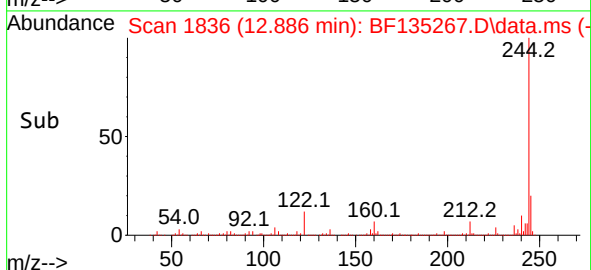
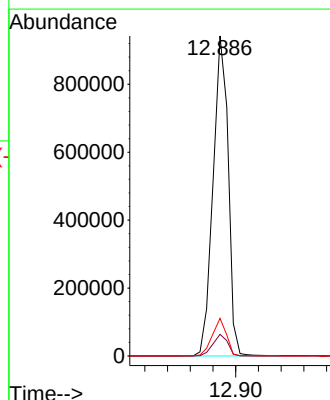
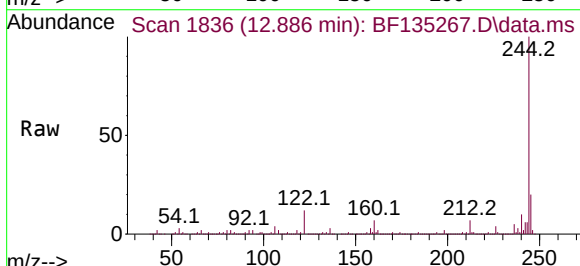
Tgt Ion:244 Resp: 872196

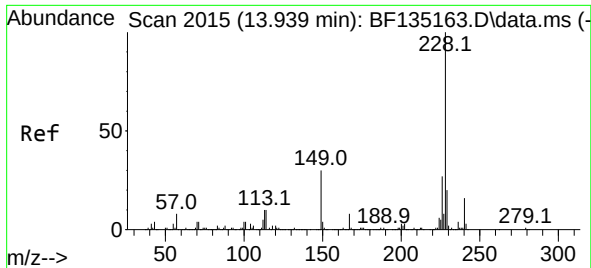
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.7 7.9 11.9





#81

Benzo(a)anthracene

Concen: 2.355 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360

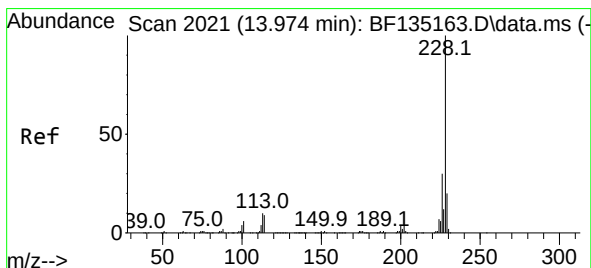
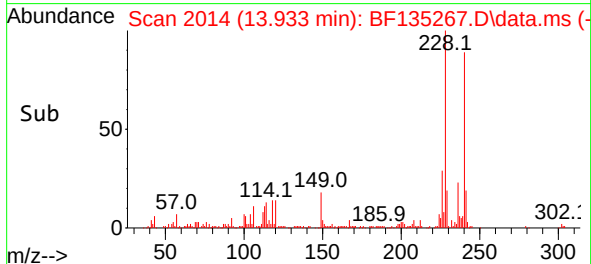
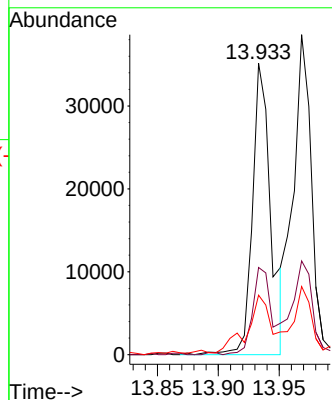
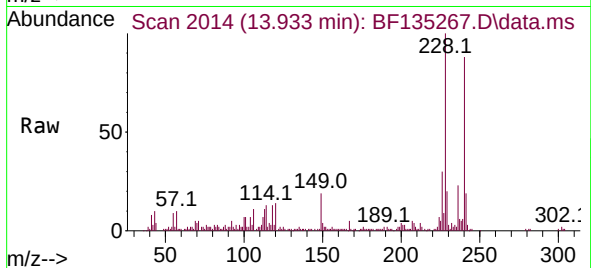
Tgt Ion:228 Resp: 36796

Ion Ratio Lower Upper

228 100

226 29.9 21.7 32.5

229 20.4 15.8 23.8



#83

Chrysene

Concen: 2.597 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

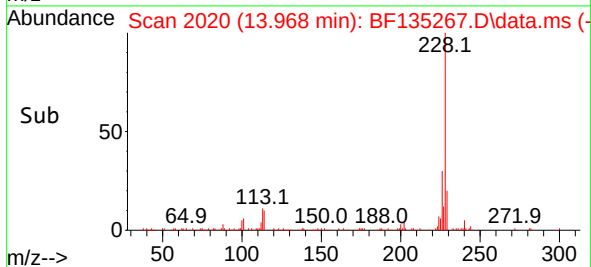
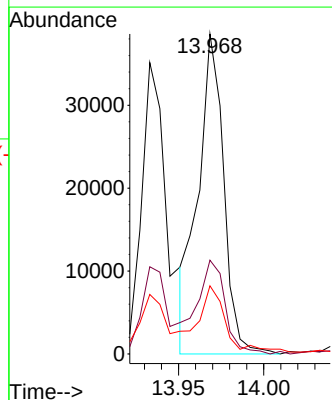
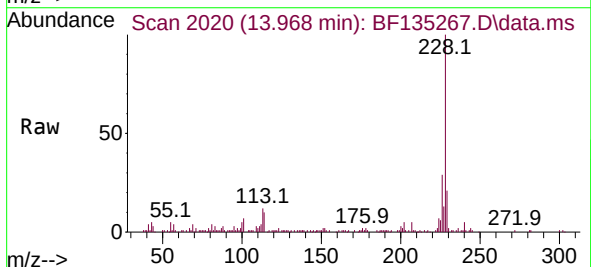
Tgt Ion:228 Resp: 40340

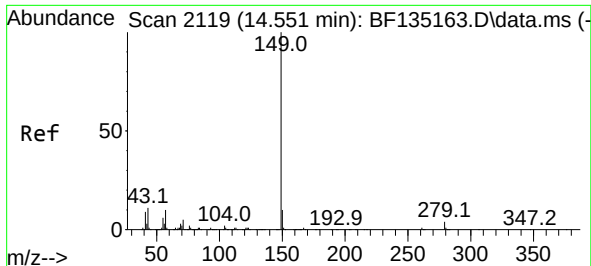
Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

229 21.3 16.0 24.0

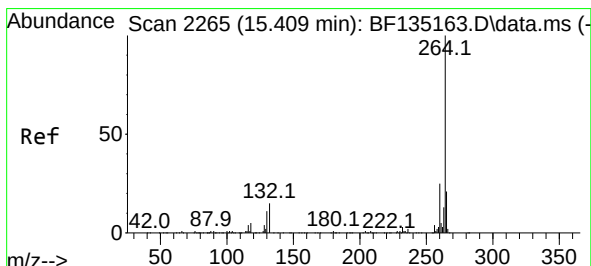
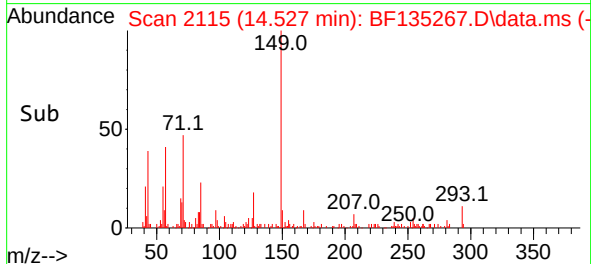
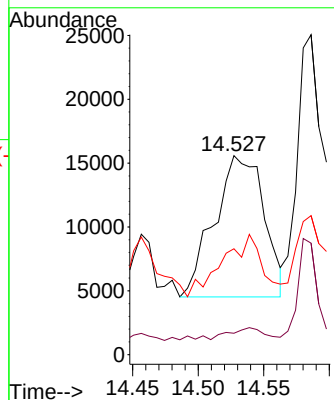
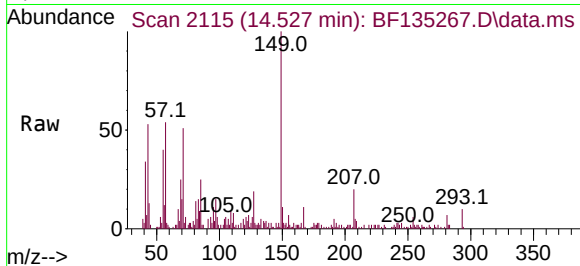




#85
Di-n-octyl phthalate
Concen: 2.206 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

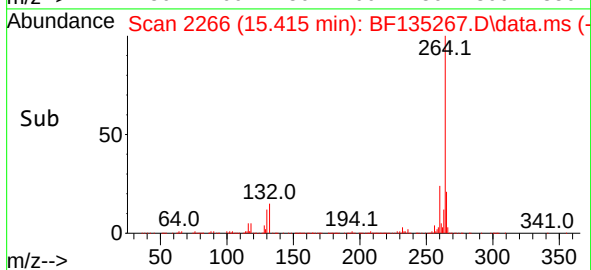
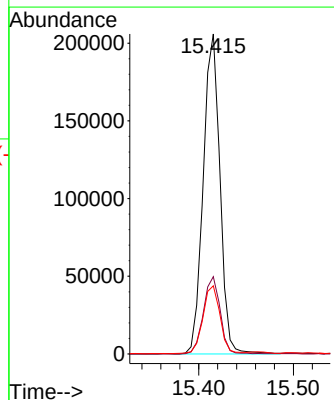
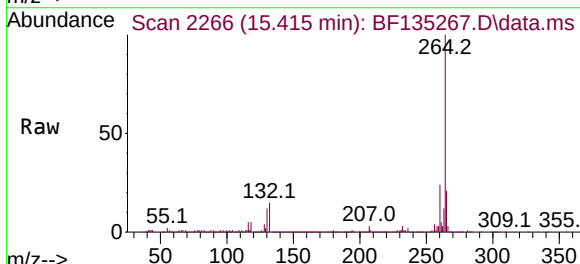
Instrument :
BNA_F
ClientSampleId :
360

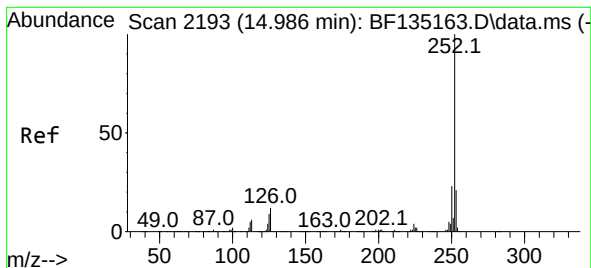
Tgt Ion:149 Resp: 29174
Ion Ratio Lower Upper
149 100
167 5.8 1.1 1.7#
43 35.0 9.8 14.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:264 Resp: 252466
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 21.3 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 5.178 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360

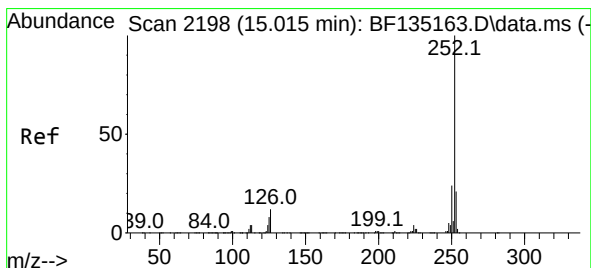
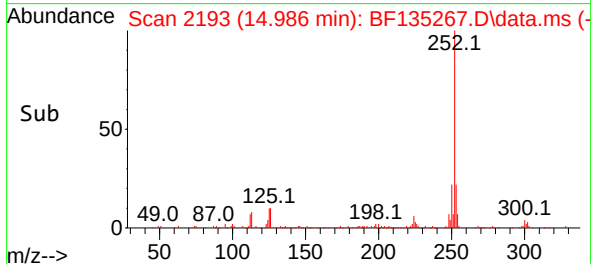
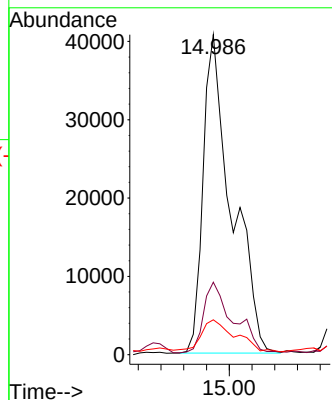
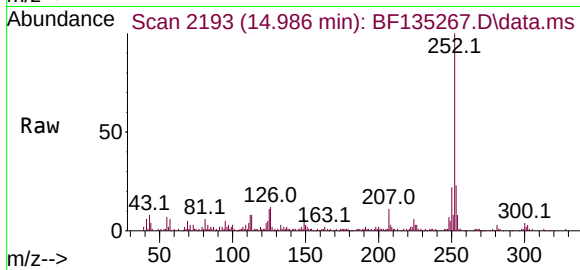
Tgt Ion:252 Resp: 70773

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 10.9 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 5.242 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.029 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

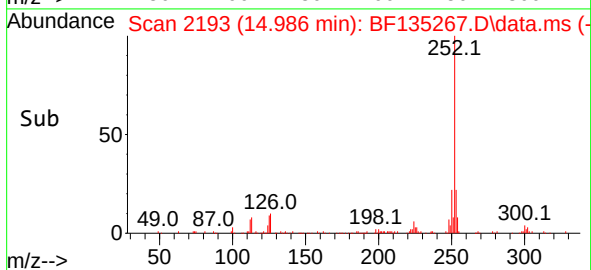
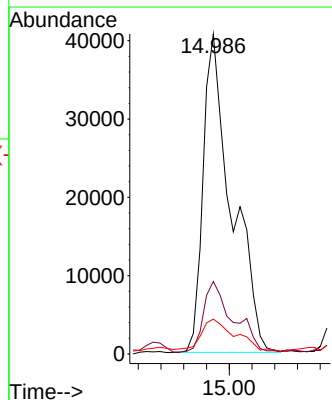
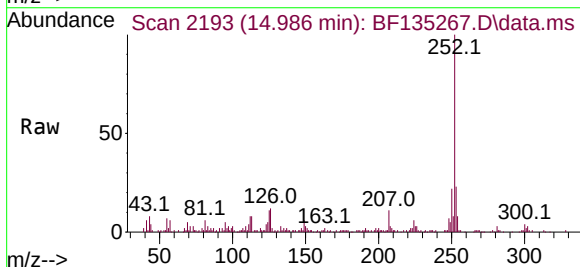
Tgt Ion:252 Resp: 70773

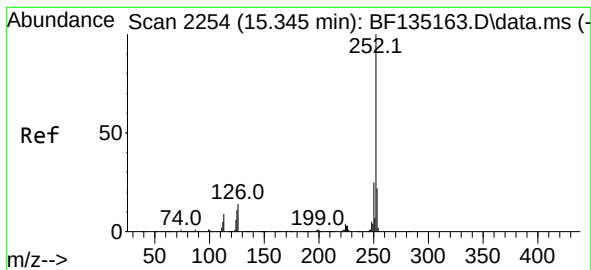
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 10.9 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.277 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135267.D

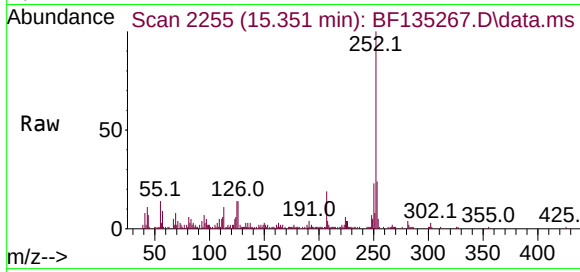
Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360



Tgt Ion:252 Resp: 29674

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 14.3 9.2 13.8#

