

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135499.D
 Acq On : 28 Sep 2023 18:07
 Operator : CG\JU
 Sample : 04620-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-PAD

Quant Time: Sep 29 00:25:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

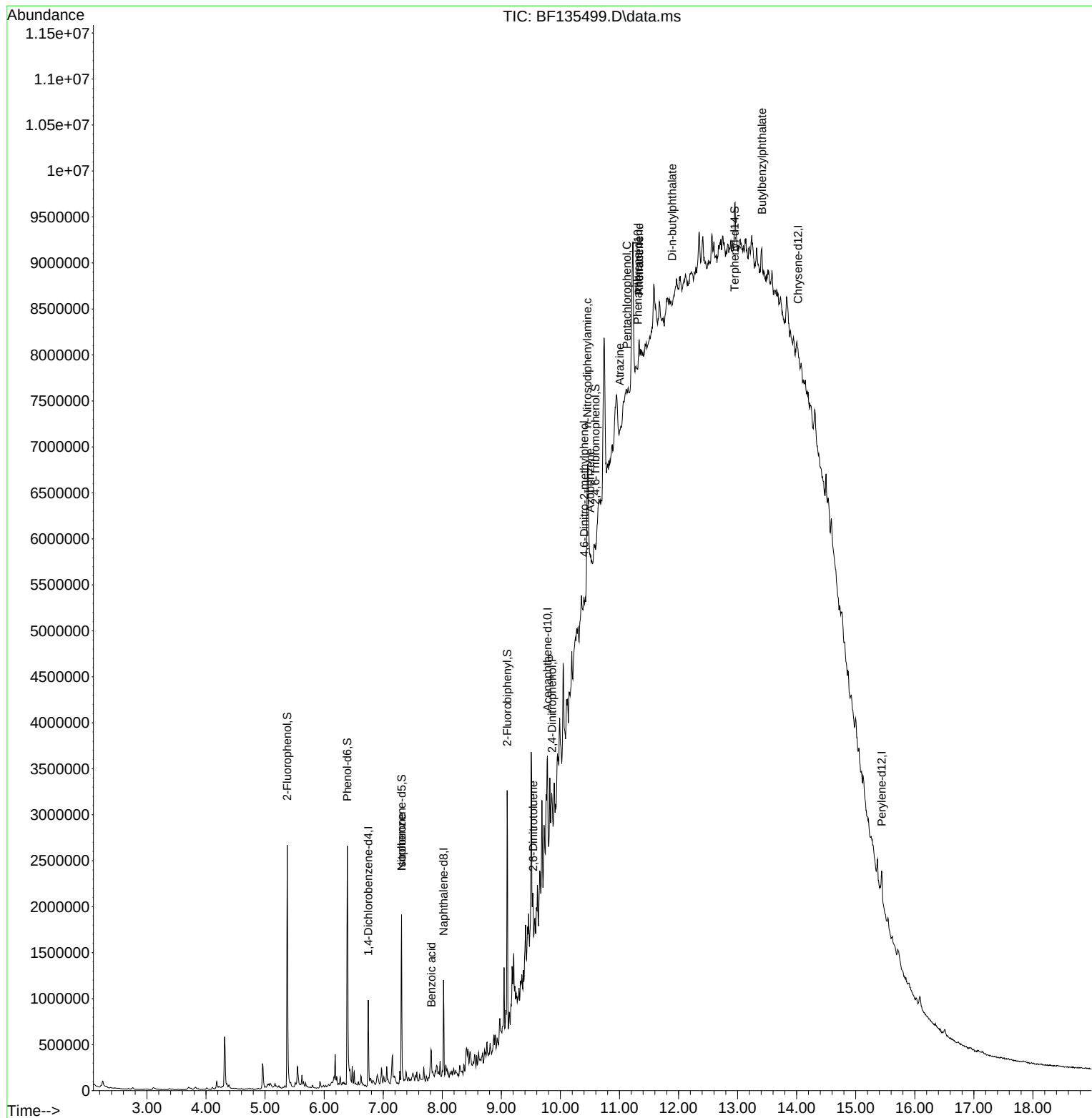
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	122683	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	409594	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	149435	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	131289	20.000	ng	# 0.04
76) Chrysene-d12	14.021	240	91157	20.000	ng	# 0.09
86) Perylene-d12	15.439	264	151376	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	763487	101.218	ng	0.00
7) Phenol-d6	6.393	99	928278	96.783	ng	0.00
23) Nitrobenzene-d5	7.310	82	517414	68.631	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	107081	72.107	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	813548	82.137	ng	0.00
79) Terphenyl-d14	12.951	244	273537	46.517	ng	0.08
Target Compounds						
25) Isophorone	7.310	82	510782	36.896	ng	# 65
32) Benzoic acid	7.816	122	39156	8.650	ng	97
51) 2,6-Dinitrotoluene	9.539	165	7597	3.432	ng	# 41
54) 2,4-Dinitrophenol	9.857	184	351	6.505	ng	# 1
63) Azobenzene	10.504	77	20770	2.093	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.404	198	1471	2.110	ng	# 1
66) n-Nitrosodiphenylamine	10.457	169	46105	11.600	ng	# 74
69) Atrazine	11.004	200	4069	3.805	ng	# 1
70) Pentachlorophenol	11.128	266	3484	4.377	ng	# 15
71) Phenanthrene	11.333	178	21172	3.410	ng	# 1
72) Anthracene	11.333	178	21172	3.317	ng	# 1
74) Di-n-butylphthalate	11.892	149	34950	5.105	ng	# 14
80) Butylbenzylphthalate	13.416	149	7436	2.434	ng	# 29

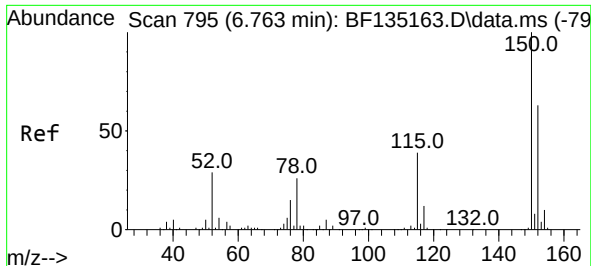
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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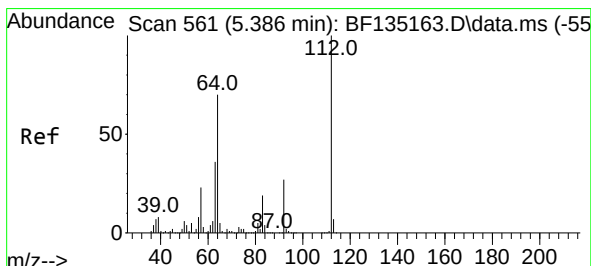
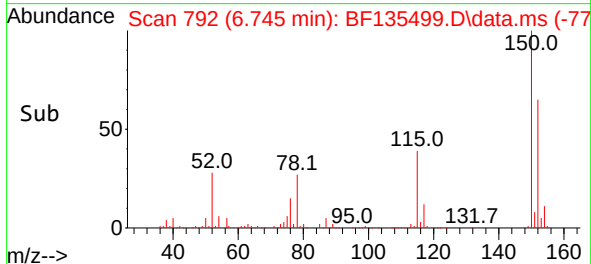
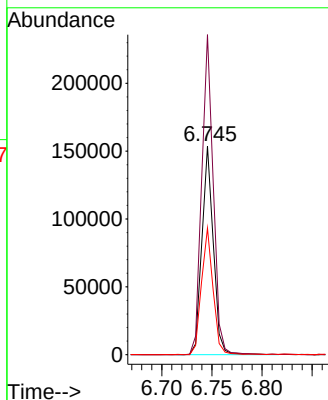
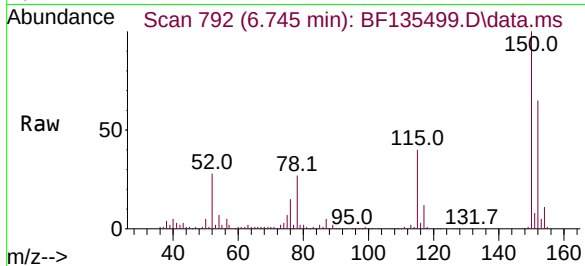




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

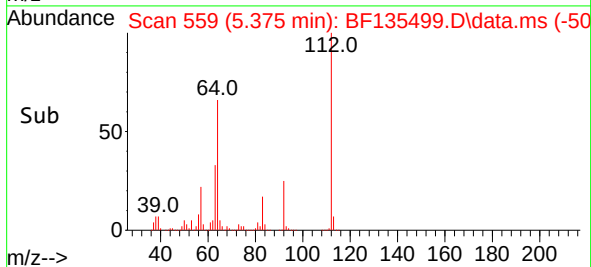
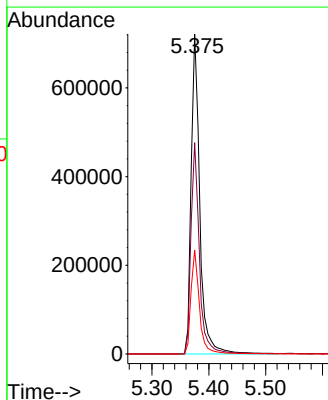
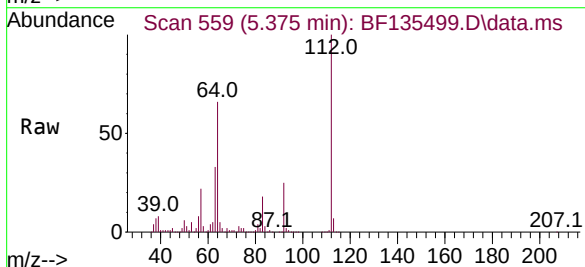
Instrument :
BNA_F
ClientSampleId :
CON-PAD

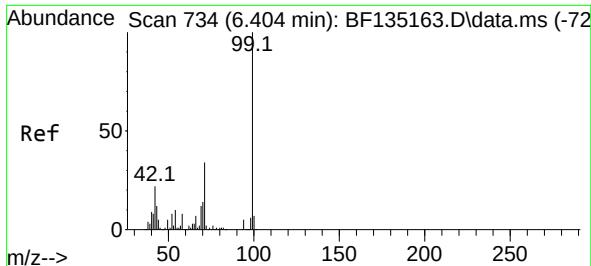
Tgt Ion:152 Resp: 122683
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 101.218 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:112 Resp: 763487
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 32.5 29.0 43.6

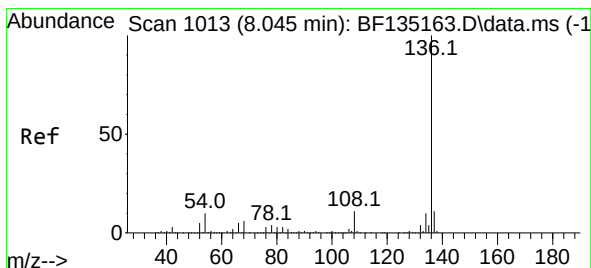
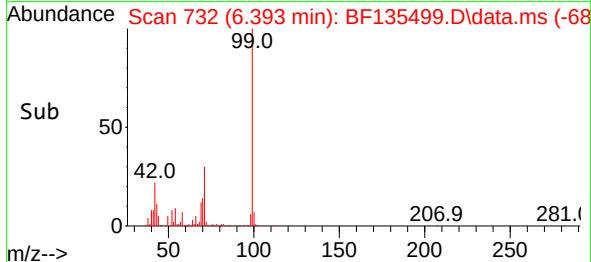
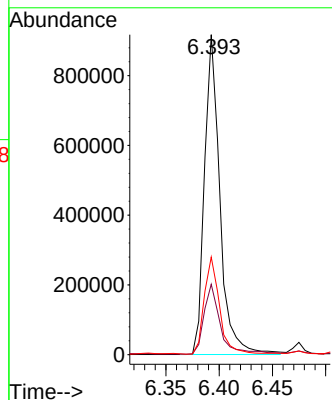
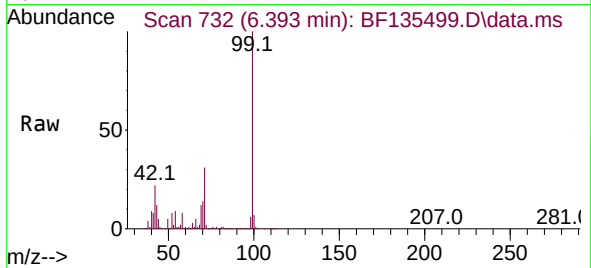




#7
Phenol-d6
Concen: 96.783 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

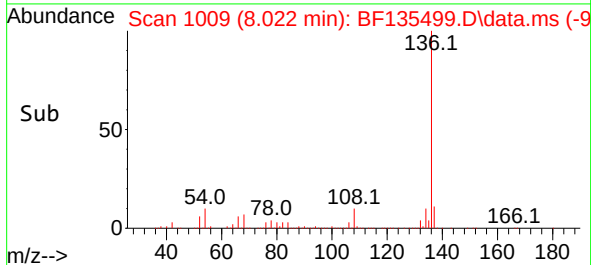
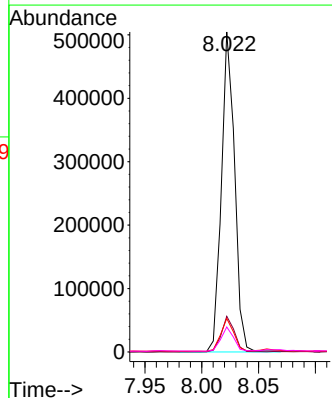
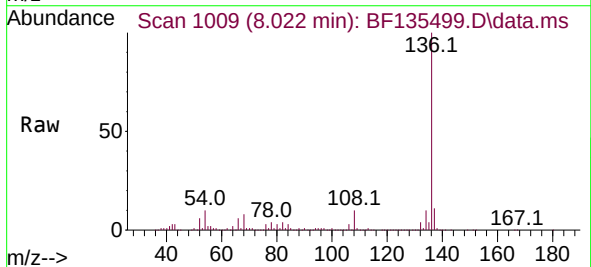
Instrument :
BNA_F
ClientSampleId :
CON-PAD

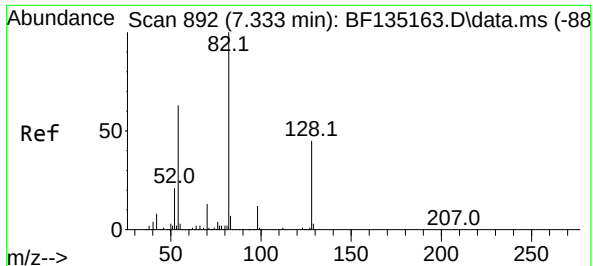
Tgt Ion: 99 Resp: 928278
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 30.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 136 Resp: 409594
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.4 7.7 11.5
68 7.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 68.631 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

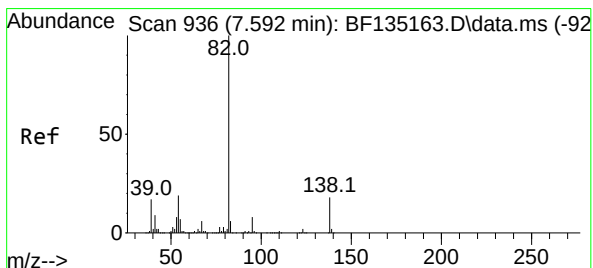
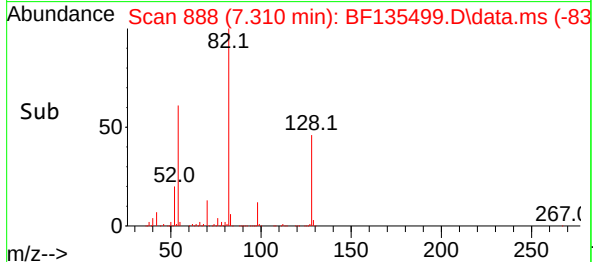
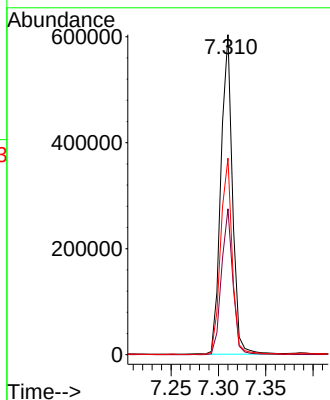
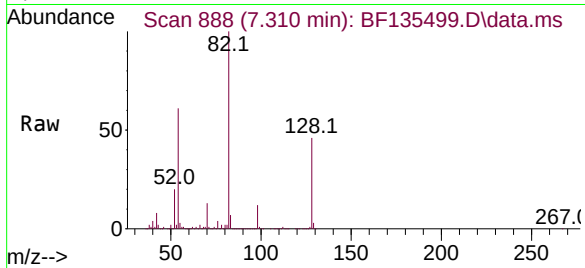
Tgt Ion: 82 Resp: 517414

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 61.4 50.6 76.0



#25

Isophorone

Concen: 36.896 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.259 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

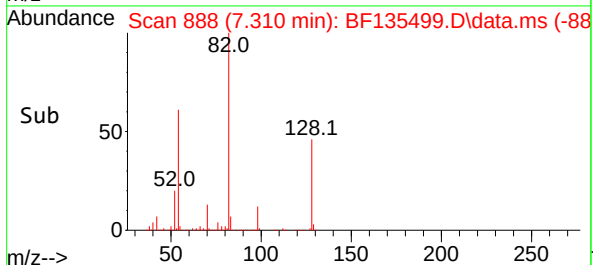
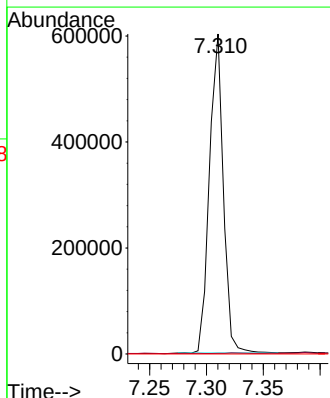
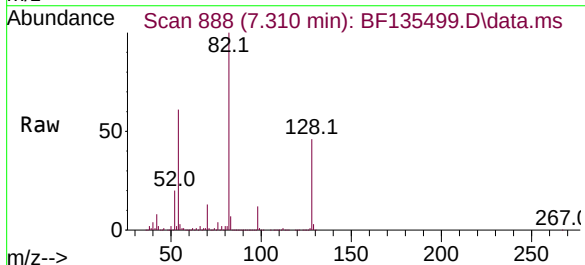
Tgt Ion: 82 Resp: 510782

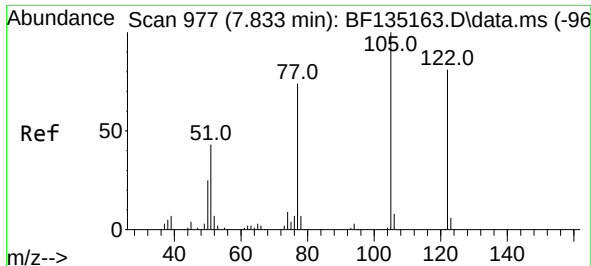
Ion Ratio Lower Upper

82 100

95 0.2 6.0 9.0#

138 0.0 14.5 21.7#

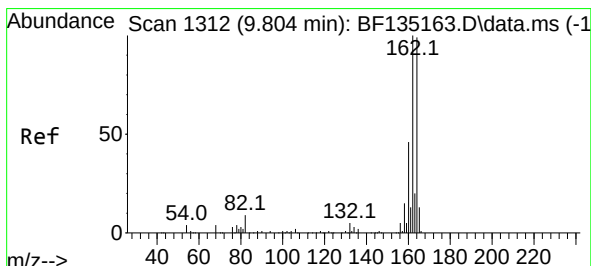
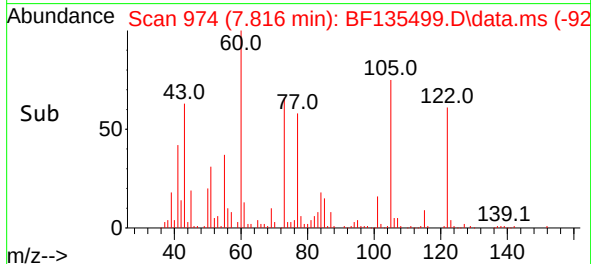
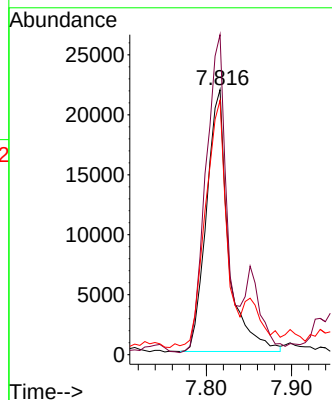
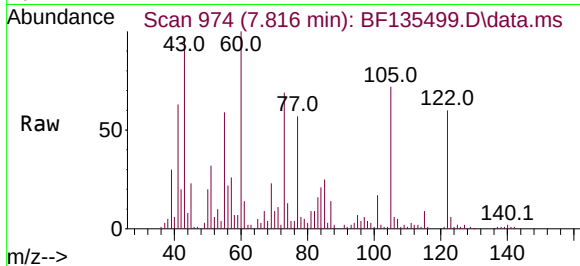




#32
Benzoic acid
Concen: 8.650 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

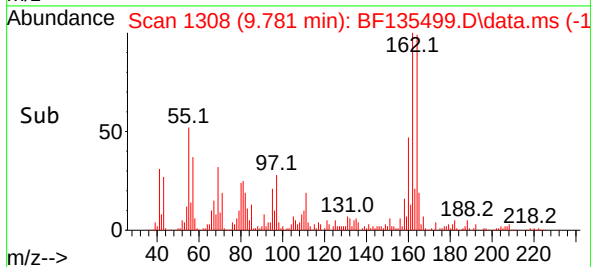
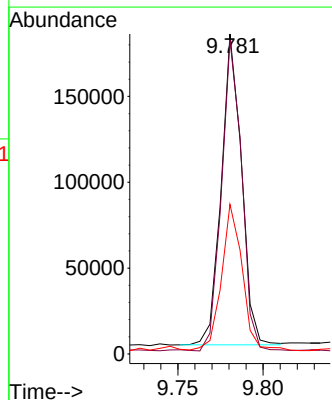
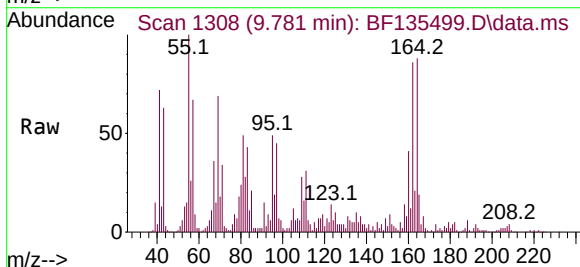
Instrument :
BNA_F
ClientSampleId :
CON-PAD

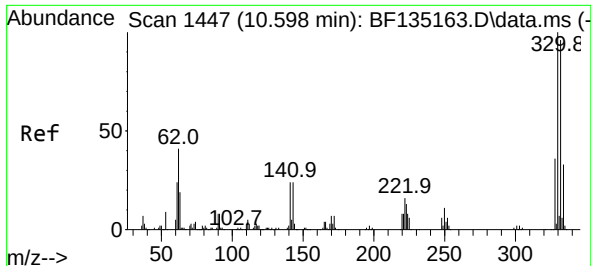
Tgt Ion:122 Resp: 39156
Ion Ratio Lower Upper
122 100
105 120.8 99.9 139.9
77 96.1 70.0 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:164 Resp: 149435
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.4
160 46.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 72.107 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.018 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

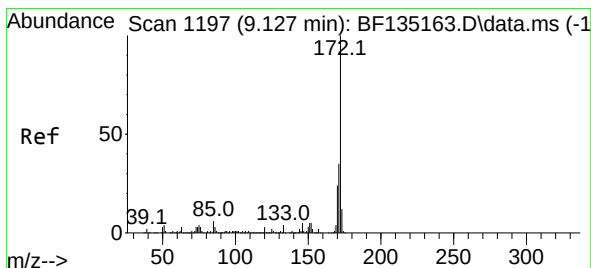
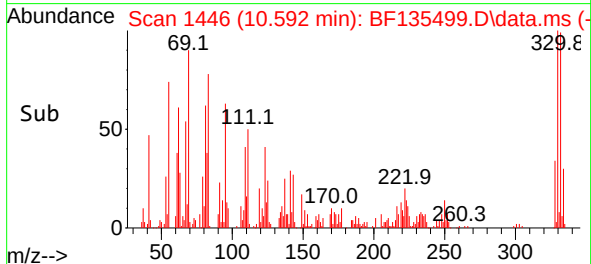
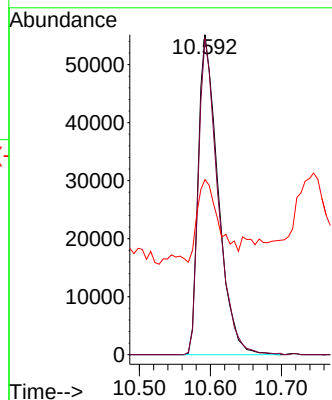
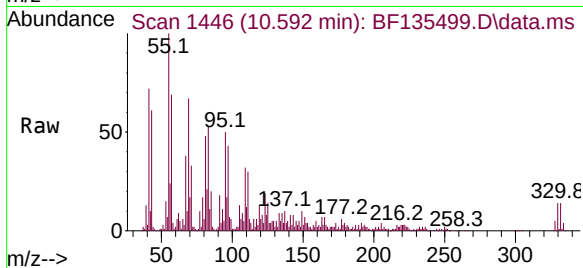
Tgt Ion:330 Resp: 107081

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 28.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 82.137 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

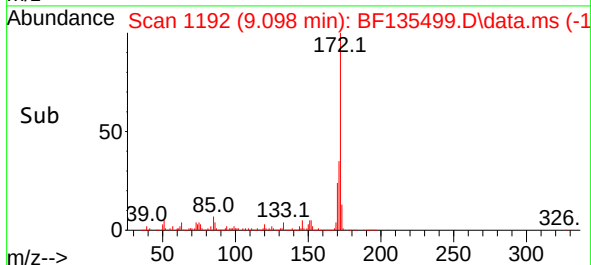
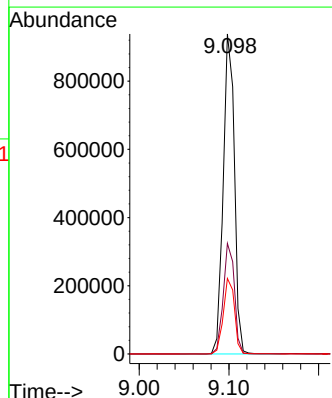
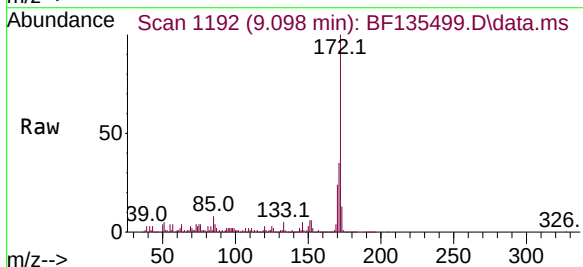
Tgt Ion:172 Resp: 813548

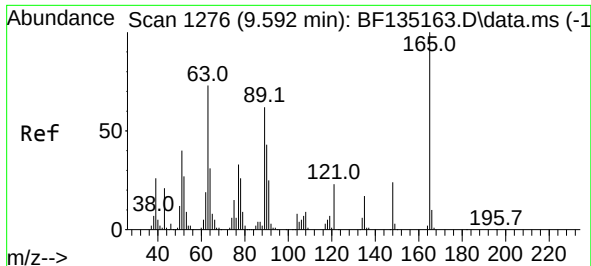
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.6 19.0 28.4

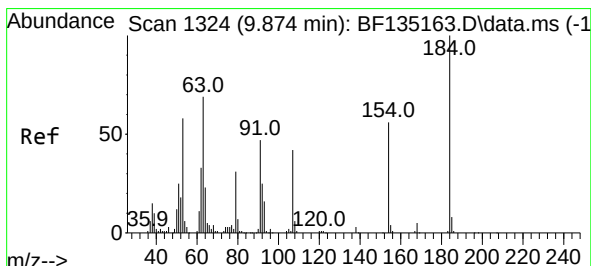
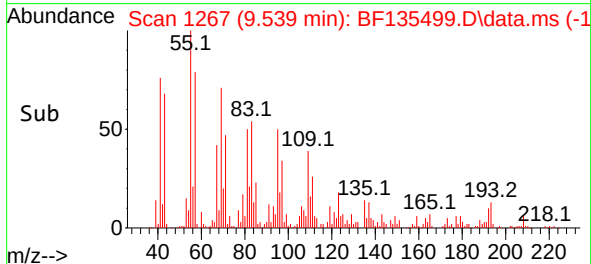
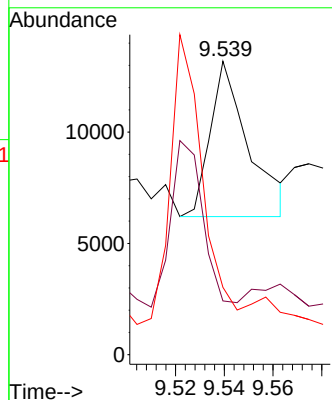
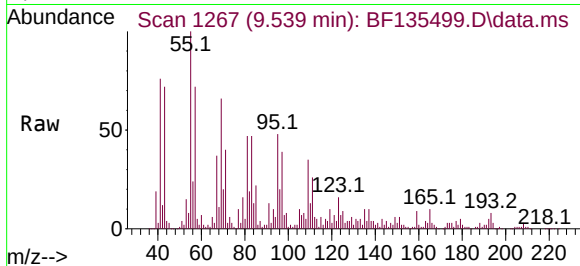




#51
2,6-Dinitrotoluene
Concen: 3.432 ng
RT: 9.539 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

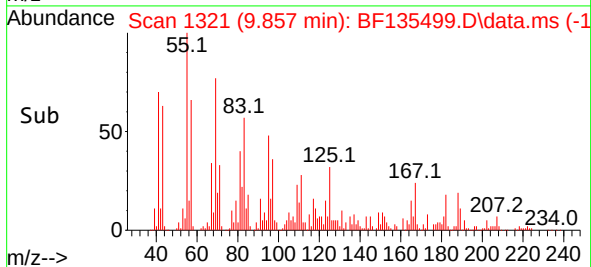
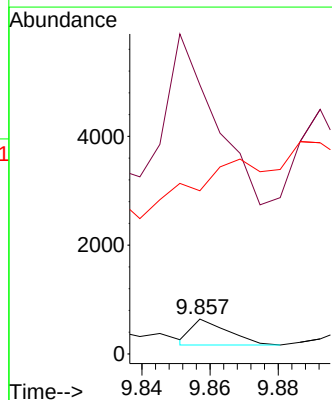
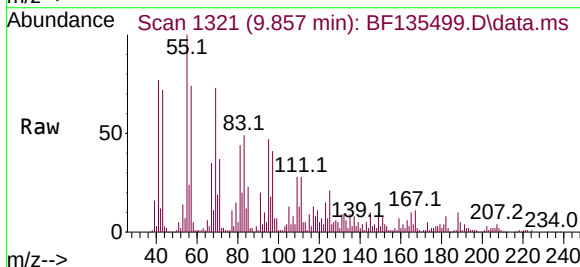
Instrument :
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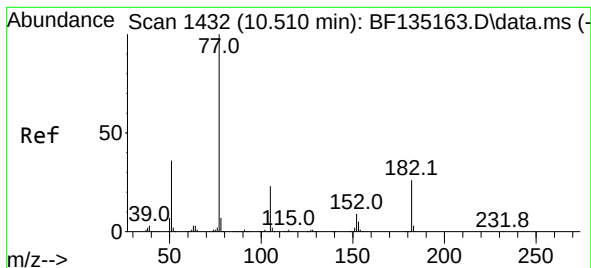
Tgt Ion:165 Resp: 7597
Ion Ratio Lower Upper
165 100
63 18.3 59.4 89.2#
89 23.0 49.8 74.8#



#54
2,4-Dinitrophenol
Concen: 6.505 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:184 Resp: 351
Ion Ratio Lower Upper
184 100
63 771.9 55.1 82.7#
154 468.0 48.4 72.6#





#63

Azobenzene

Concen: 2.093 ng

RT: 10.504 min Scan# 1432

Delta R.T. 0.018 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

Tgt Ion: 77 Resp: 20770

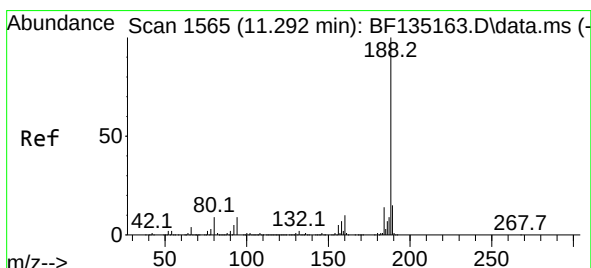
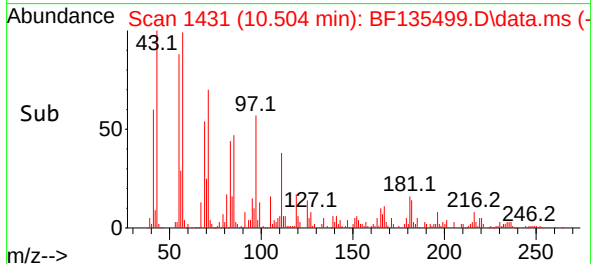
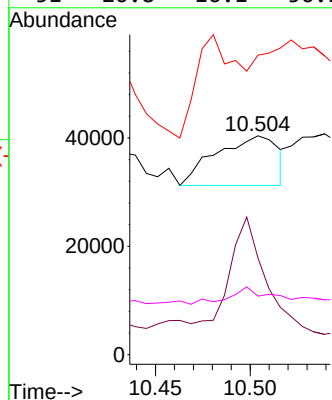
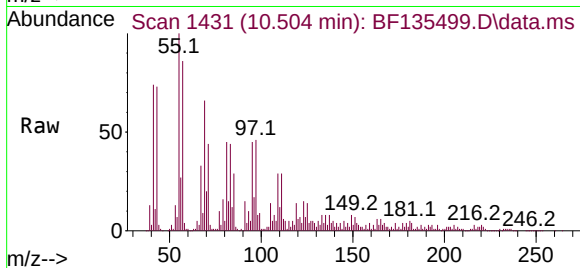
Ion Ratio Lower Upper

77 100

182 44.2 6.4 46.4

105 136.8 3.1 43.1#

51 26.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. 0.035 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

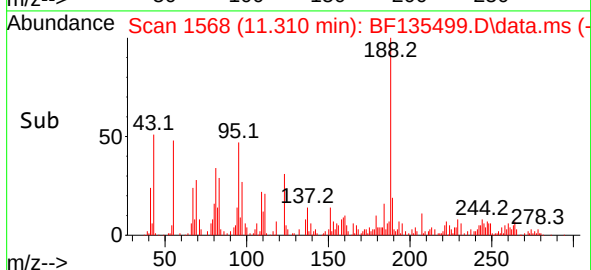
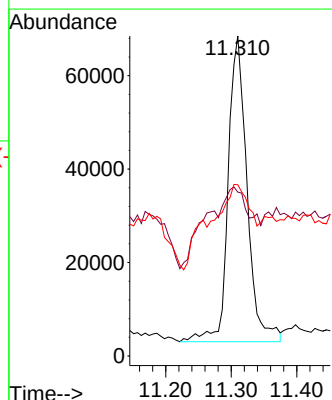
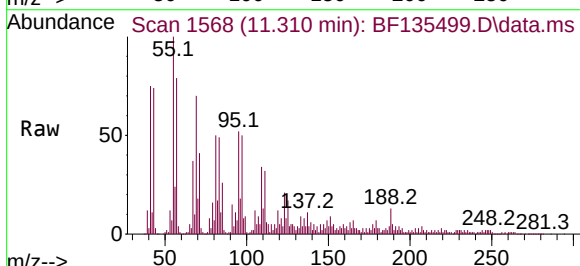
Tgt Ion: 188 Resp: 131289

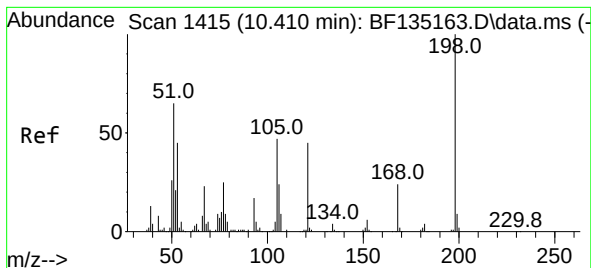
Ion Ratio Lower Upper

188 100

94 51.2 7.0 10.6#

80 53.5 7.5 11.3#

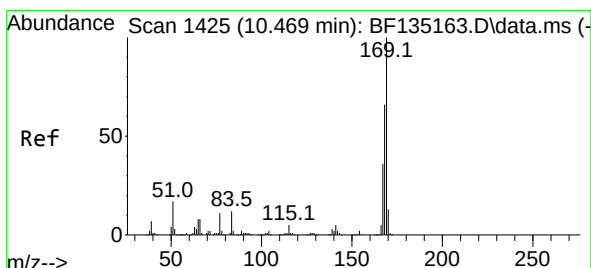
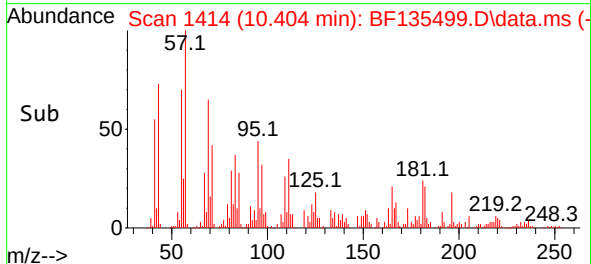
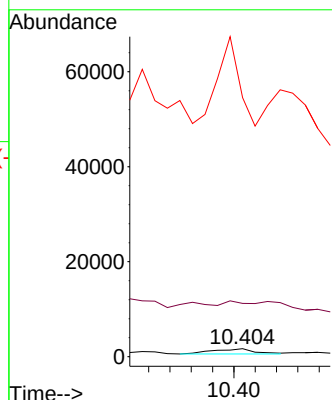
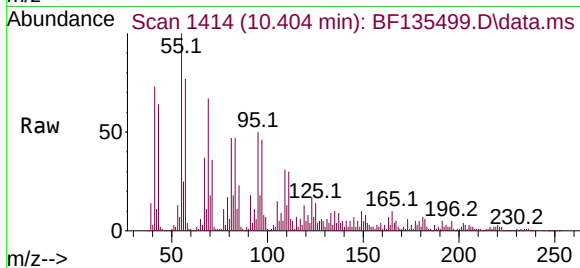




#65
4,6-Dinitro-2-methylphenol
Concen: 2.110 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

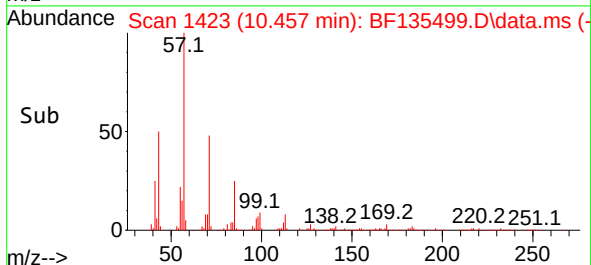
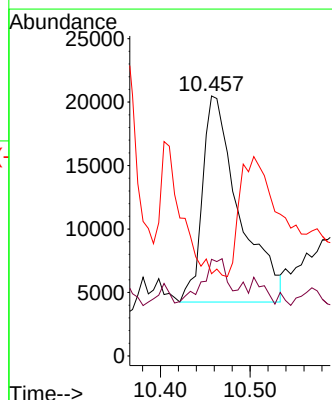
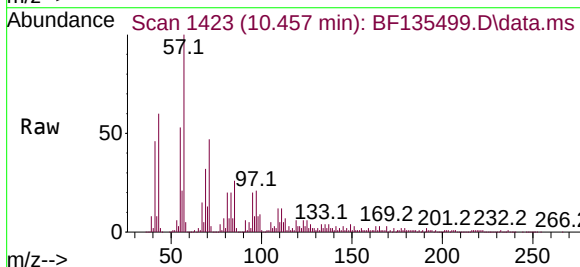
Instrument :
BNA_F
ClientSampleId :
CON-PAD

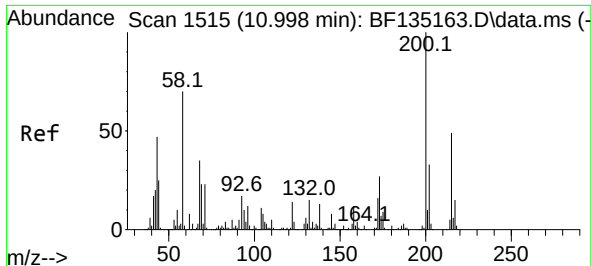
Tgt Ion:198 Resp: 1471
Ion Ratio Lower Upper
198 100
51 660.4 47.7 87.7#
105 3213.7 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 11.600 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:169 Resp: 46105
Ion Ratio Lower Upper
169 100
168 37.2 52.8 79.2#
167 31.6 29.0 43.6

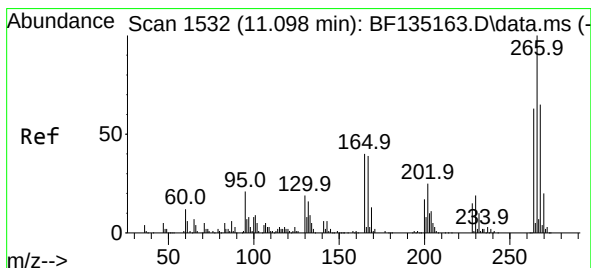
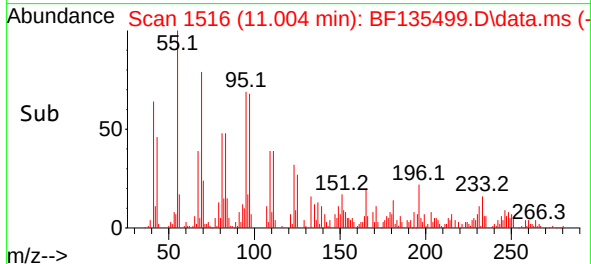
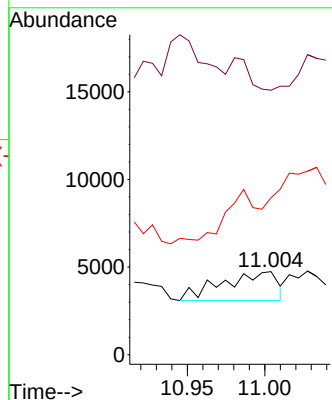
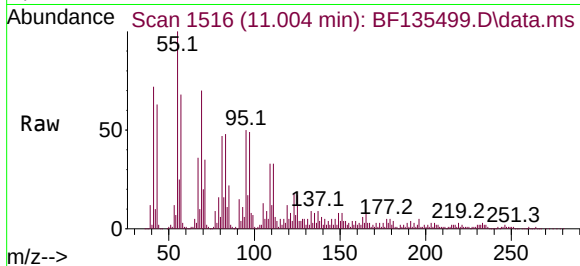




#69
Atrazine
Concen: 3.805 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.023 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

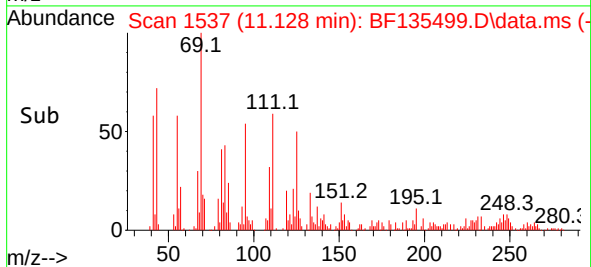
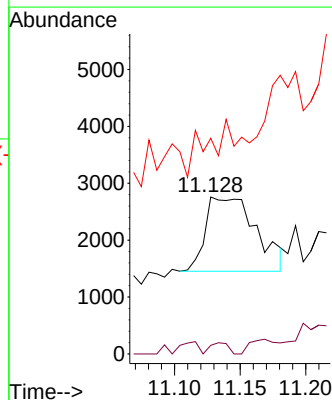
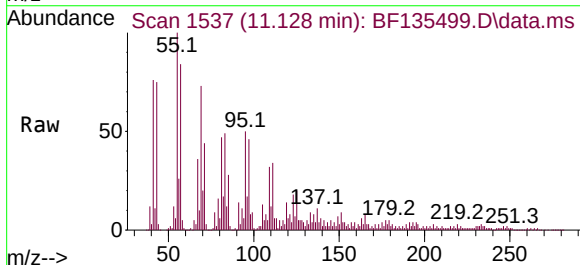
Instrument :
BNA_F
ClientSampleId :
CON-PAD

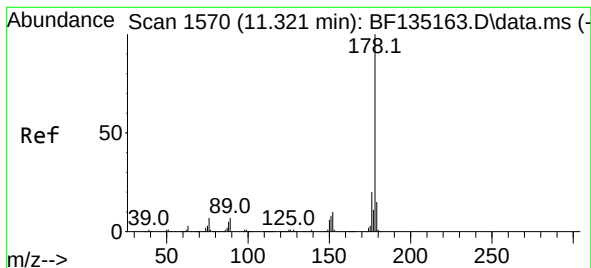
Tgt Ion:200 Resp: 4069
Ion Ratio Lower Upper
200 100
173 318.8 7.4 47.4#
215 189.2 28.6 68.6#



#70
Pentachlorophenol
Concen: 4.377 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.047 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:266 Resp: 3484
Ion Ratio Lower Upper
266 100
268 5.5 52.1 78.1#
264 137.4 50.8 76.2#





#71

Phenanthrene

Concen: 3.410 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.035 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

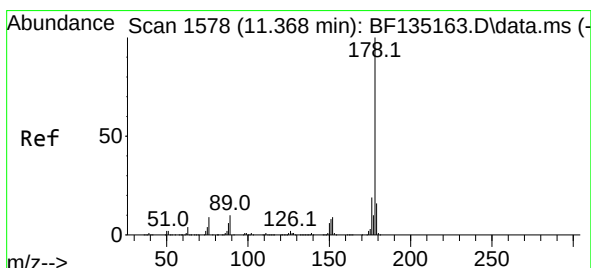
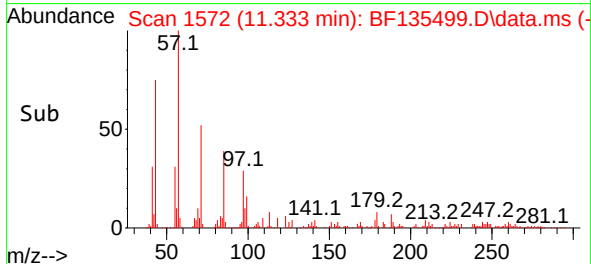
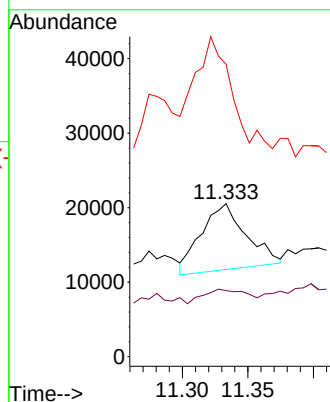
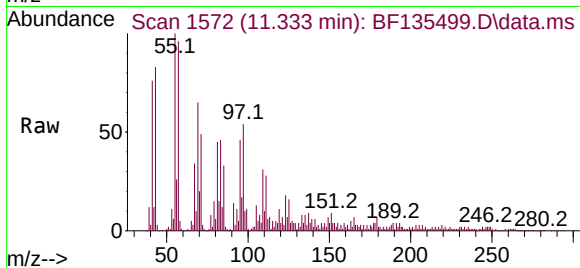
Tgt Ion:178 Resp: 21172

Ion Ratio Lower Upper

178 100

176 43.2 15.6 23.4#

179 191.1 12.0 18.0#



#72

Anthracene

Concen: 3.317 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.018 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

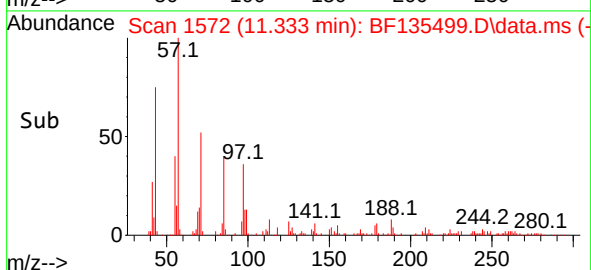
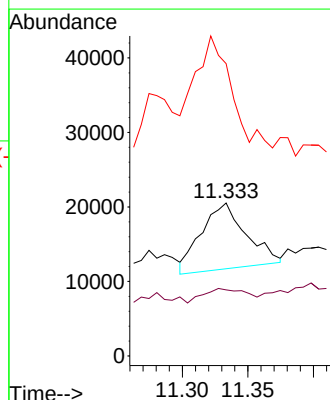
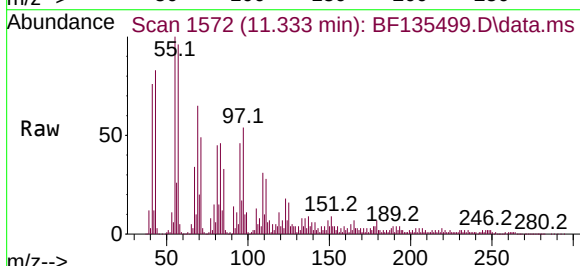
Tgt Ion:178 Resp: 21172

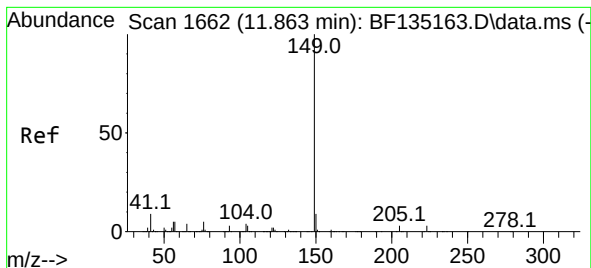
Ion Ratio Lower Upper

178 100

176 43.2 15.4 23.2#

179 191.1 12.6 19.0#





#74

Di-n-butylphthalate

Concen: 5.105 ng

RT: 11.892 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

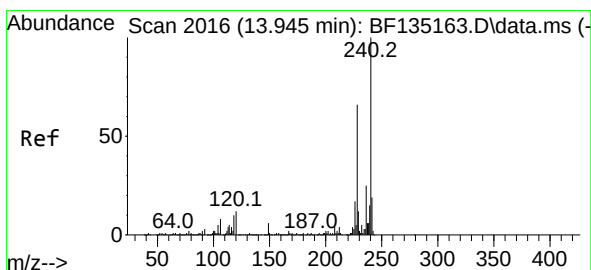
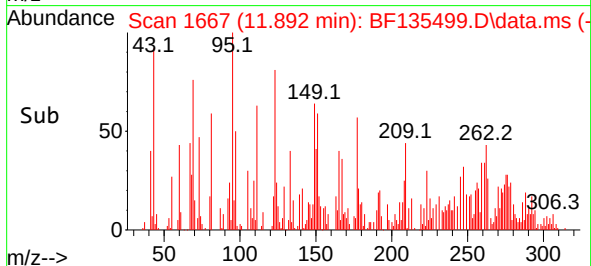
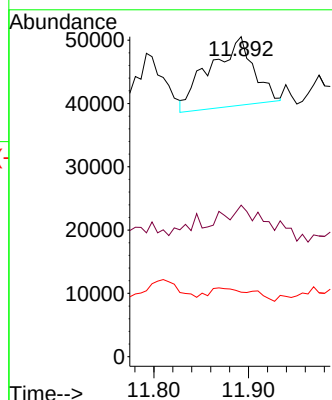
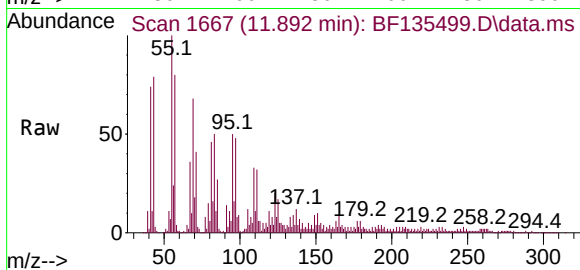
Tgt Ion:149 Resp: 34950

Ion Ratio Lower Upper

149 100

150 47.3 7.4 11.0#

104 20.1 3.6 5.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.094 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

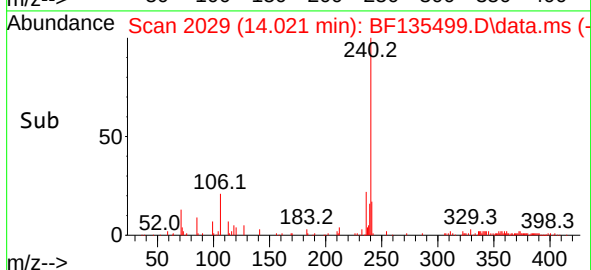
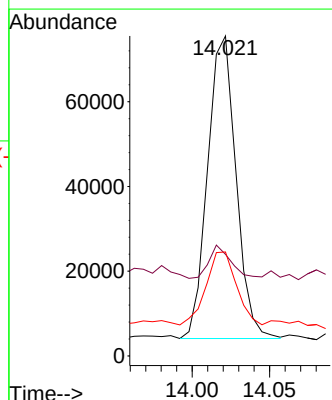
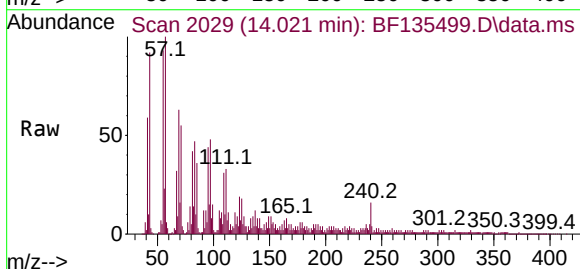
Tgt Ion:240 Resp: 91157

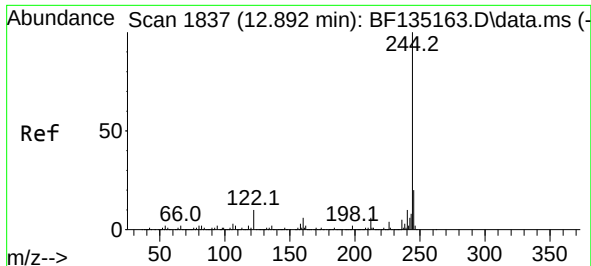
Ion Ratio Lower Upper

240 100

120 31.7 9.4 14.2#

236 32.5 19.8 29.8#

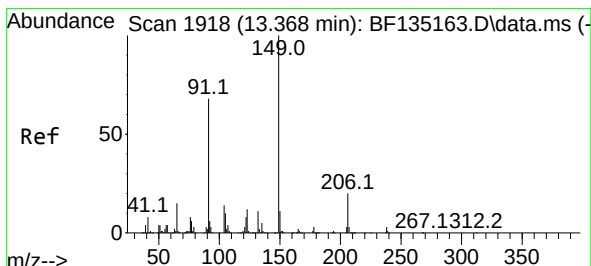
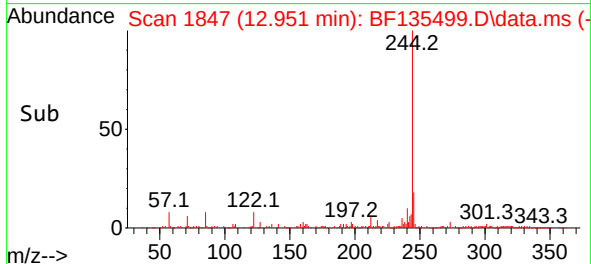
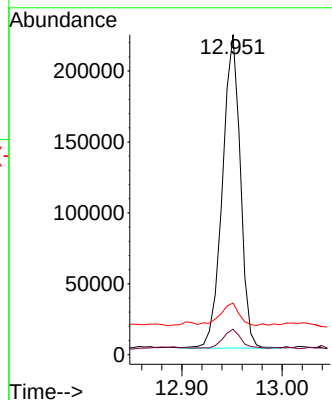
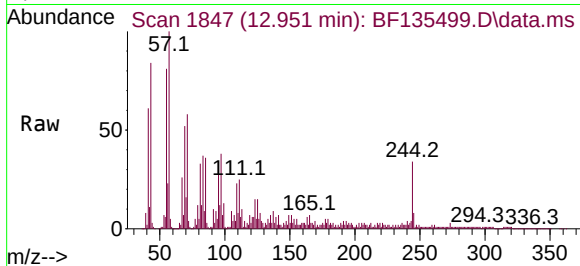




#79
 Terphenyl-d14
 Concen: 46.517 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.082 min
 Lab File: BF135499.D
 Acq: 28 Sep 2023 18:07

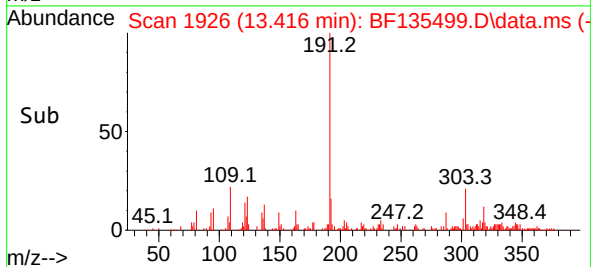
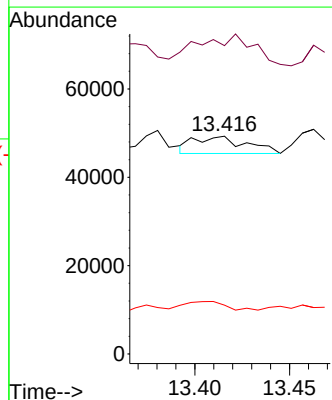
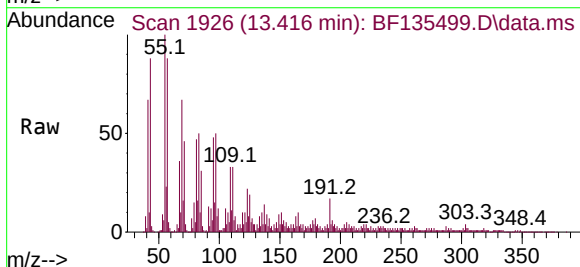
Instrument :
 BNA_F
 ClientSampleId :
 CON-PAD

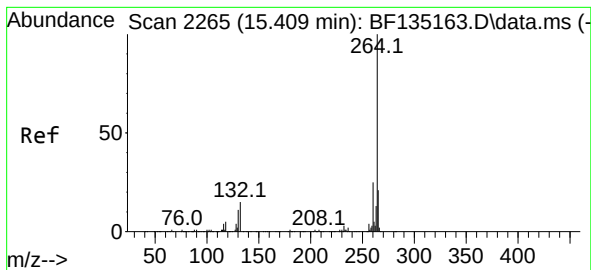
Tgt Ion:244 Resp: 273537
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.1 7.7#
 122 16.2 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 2.434 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.071 min
 Lab File: BF135499.D
 Acq: 28 Sep 2023 18:07

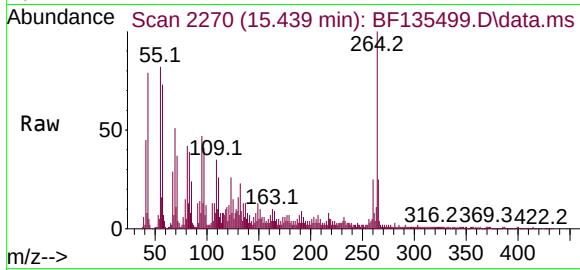
Tgt Ion:149 Resp: 7436
 Ion Ratio Lower Upper
 149 100
 91 141.6 54.7 82.1#
 206 22.4 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Instrument :
BNA_F
ClientSampleId :
CON-PAD



Tgt Ion:	264	Resp:	151376
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	24.9	17.0	25.4

