

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135419.D
 Acq On : 23 Sep 2023 01:42
 Operator : CG\JU
 Sample : 04397-02DL 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B103-06DL

Quant Time: Sep 23 05:01:59 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)

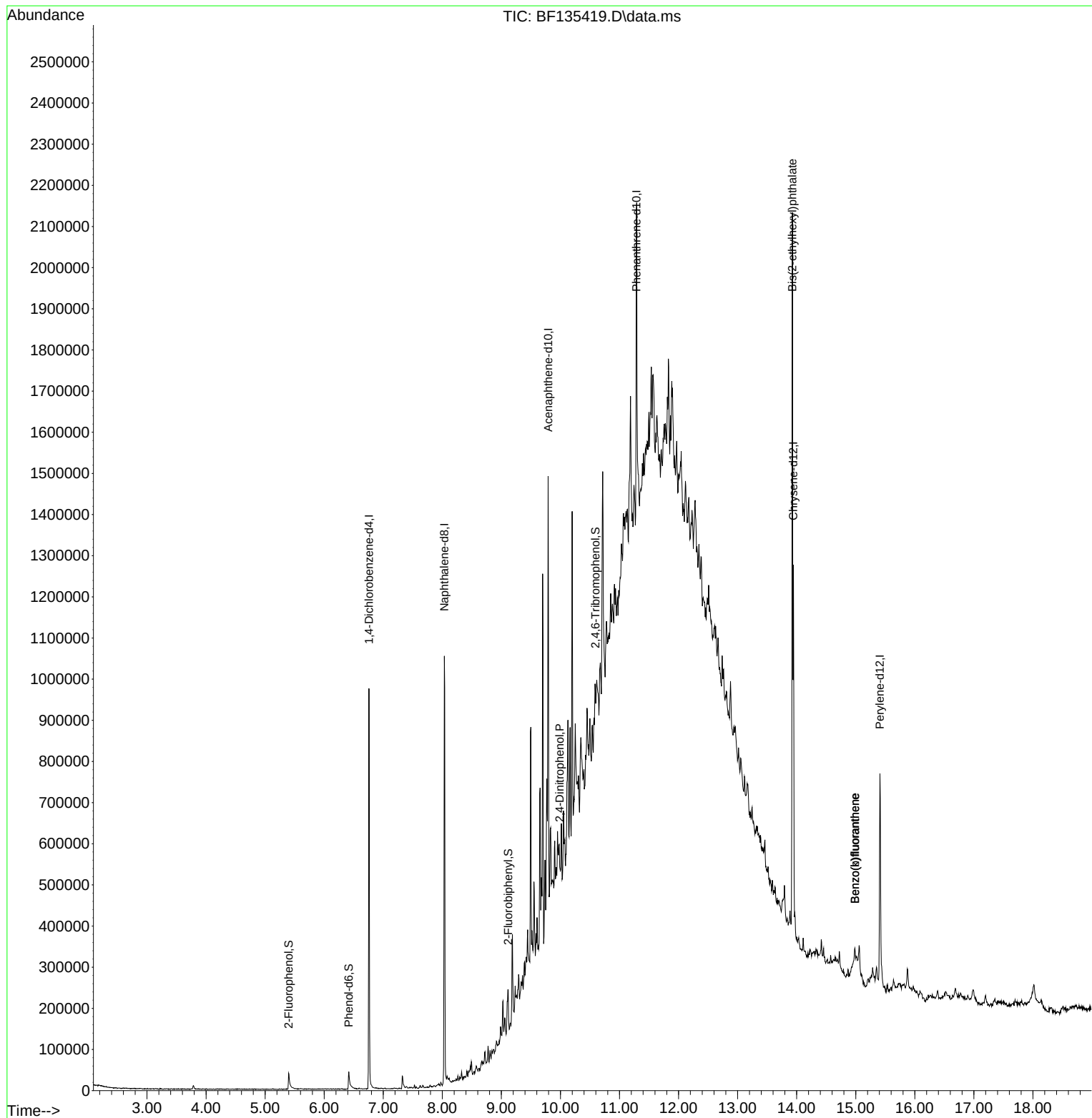
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	134566	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	486129	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	201229	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	329106	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	286789	20.000	ng	0.00
86) Perylene-d12	15.409	264	247666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	21019	2.540	ng	0.01
7) Phenol-d6	6.416	99	26526	2.521	ng	0.01
23) Nitrobenzene-d5	7.322	82	15724	1.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	4585	2.293	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	31778	2.383	ng	-0.01
79) Terphenyl-d14	12.880	244	30458	1.646	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	9.986	184	293	6.407	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.927	149	425545	43.136	ng	98
88) Benzo(b)fluoranthene	14.986	252	29186	2.177	ng	# 84
89) Benzo(k)fluoranthene	14.986	252	29186	2.204	ng	# 84

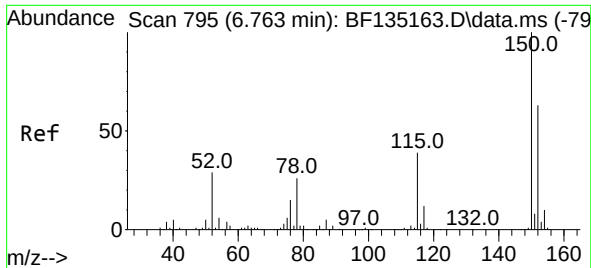
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Sep 23 05:01:59 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

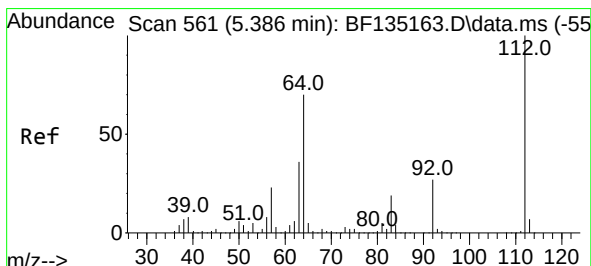
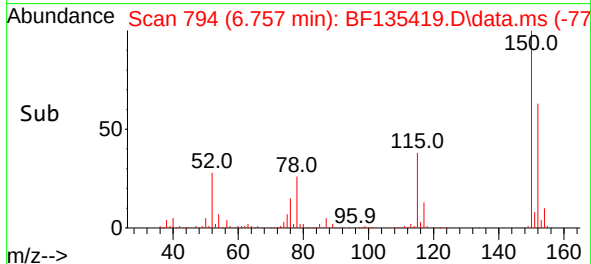
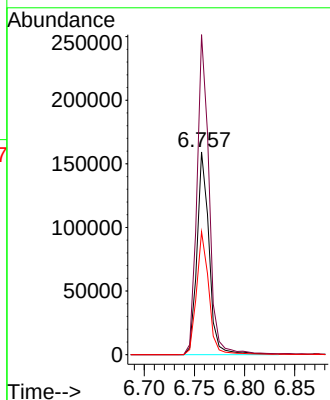
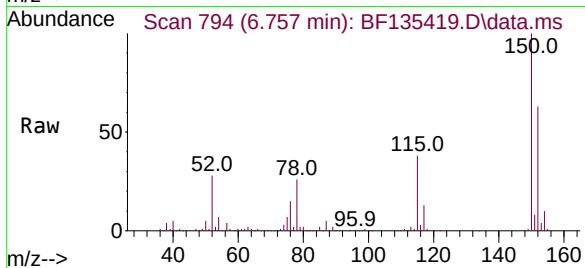




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135419.D
 Acq: 23 Sep 2023 01:42

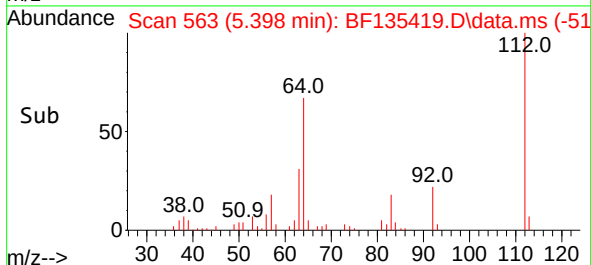
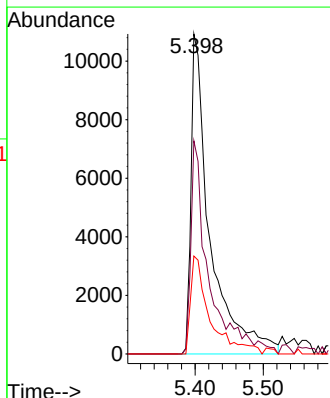
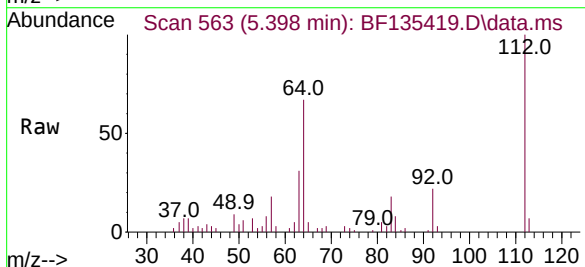
Instrument :
 BNA_F
 ClientSampleId :
 B103-06DL

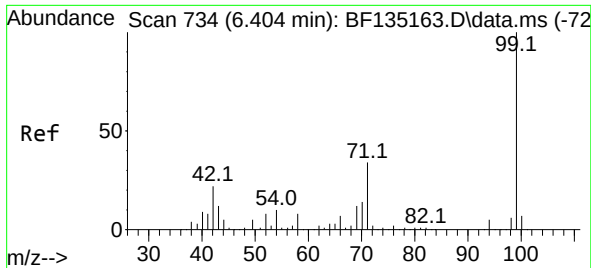
Tgt Ion:152 Resp: 134566
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.8 191.6
 115 60.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 2.540 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135419.D
 Acq: 23 Sep 2023 01:42

Tgt Ion:112 Resp: 21019
 Ion Ratio Lower Upper
 112 100
 64 66.6 55.9 83.9
 63 30.6 29.0 43.6

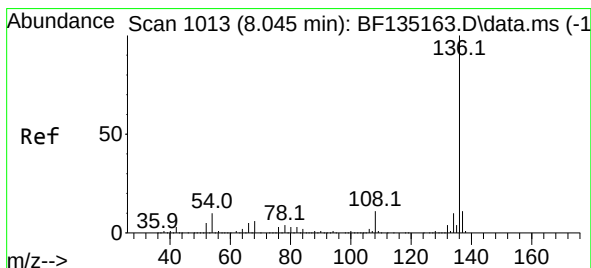
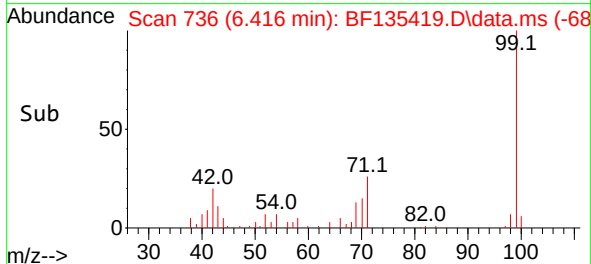
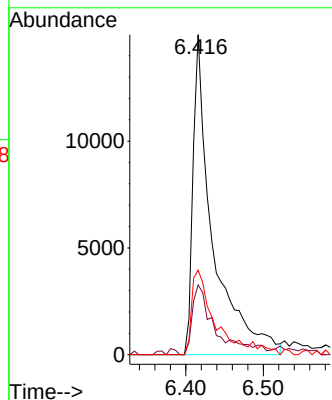
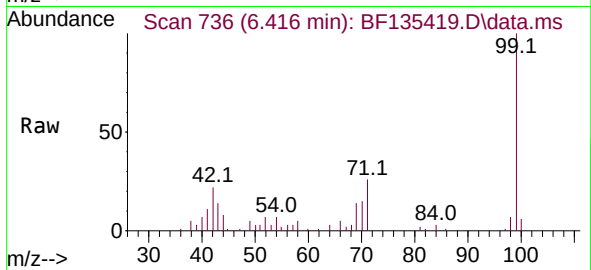




#7
Phenol-d6
Concen: 2.521 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

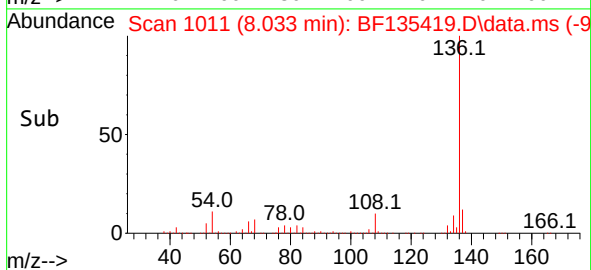
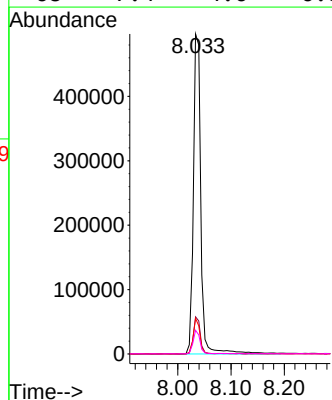
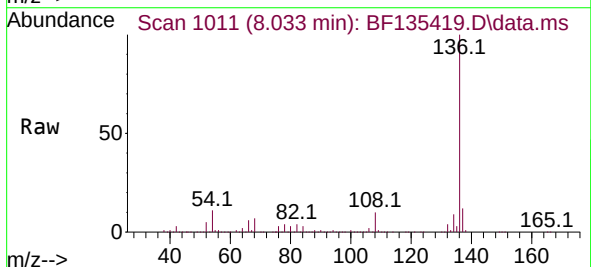
Instrument :
BNA_F
ClientSampleId :
B103-06DL

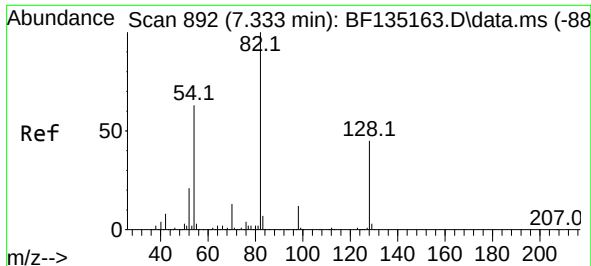
Tgt Ion: 99 Resp: 26526
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 26.4 27.0 40.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Tgt Ion: 136 Resp: 486129
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.1 7.7 11.5
68 7.4 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 1.757 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135419.D

Acq: 23 Sep 2023 01:42

Instrument :

BNA_F

ClientSampleId :

B103-06DL

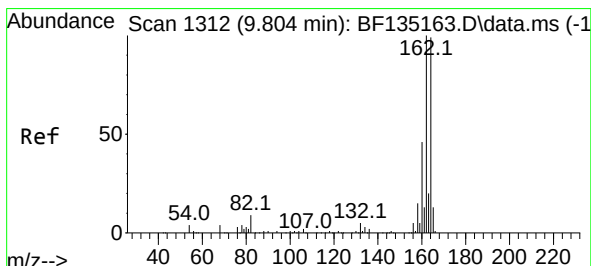
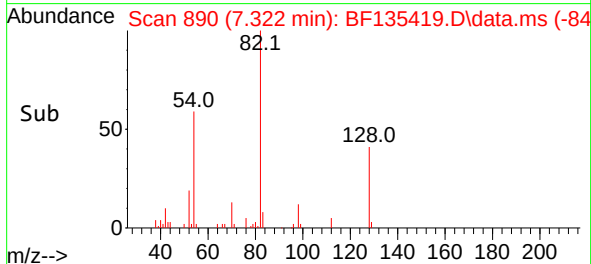
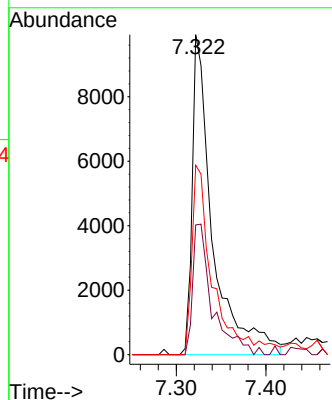
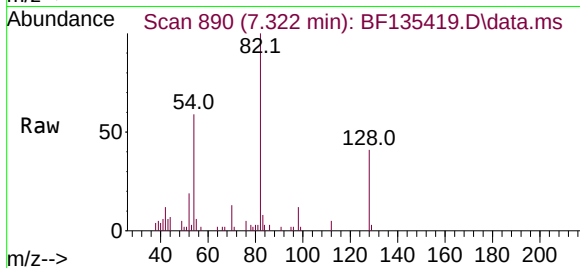
Tgt Ion: 82 Resp: 15724

Ion Ratio Lower Upper

82 100

128 40.5 35.8 53.6

54 59.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135419.D

Acq: 23 Sep 2023 01:42

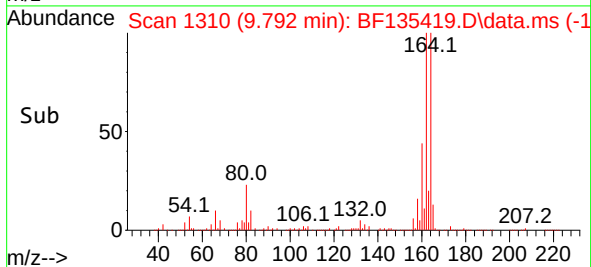
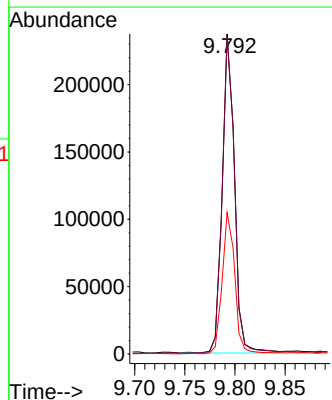
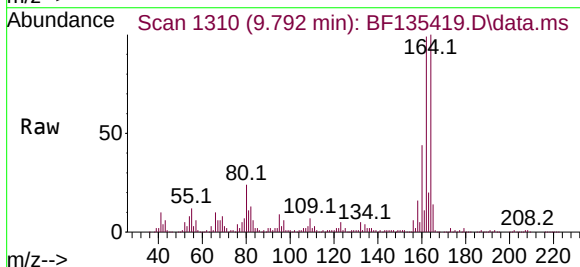
Tgt Ion: 164 Resp: 201229

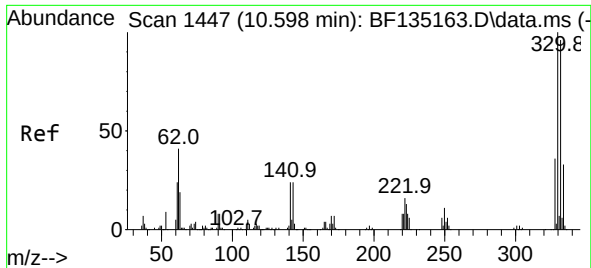
Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 44.2 37.0 55.4

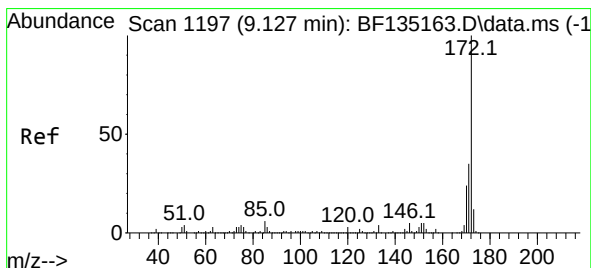
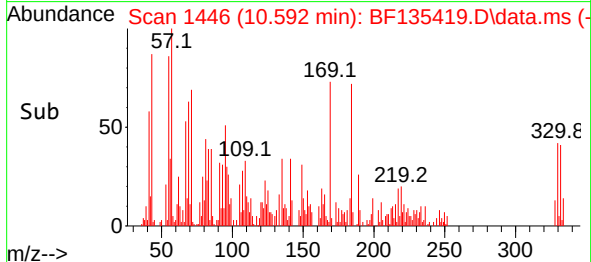
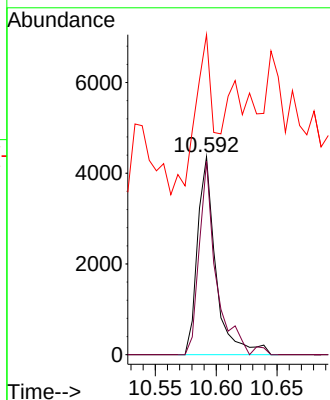
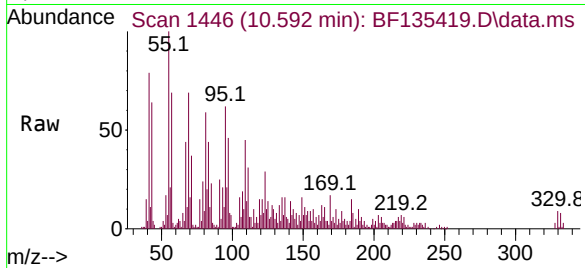




#42
2,4,6-Tribromophenol
Concen: 2.293 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

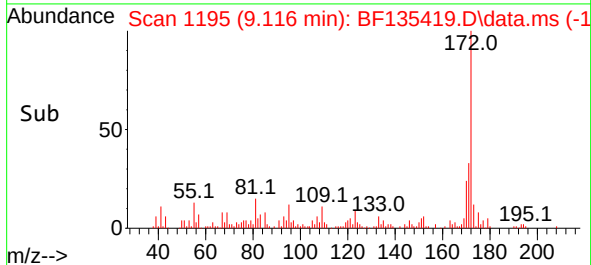
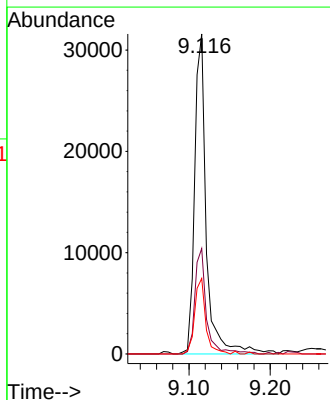
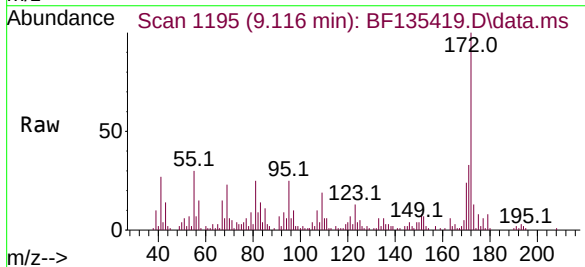
Instrument :
BNA_F
ClientSampleId :
B103-06DL

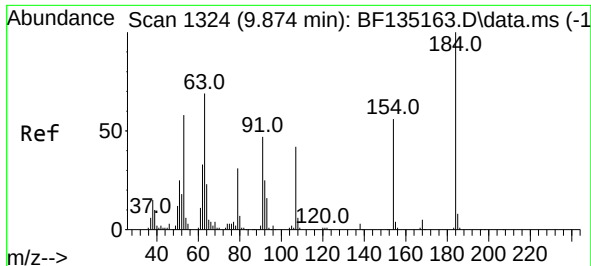
Tgt Ion:330 Resp: 4585
Ion Ratio Lower Upper
330 100
332 91.5 77.3 115.9
141 83.3 25.8 38.8#



#45
2-Fluorobiphenyl
Concen: 2.383 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Tgt Ion:172 Resp: 31778
Ion Ratio Lower Upper
172 100
171 32.9 28.4 42.6
170 23.6 19.0 28.4

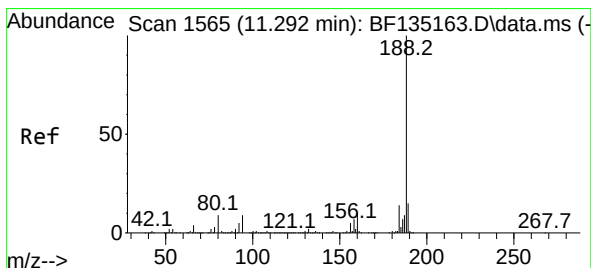
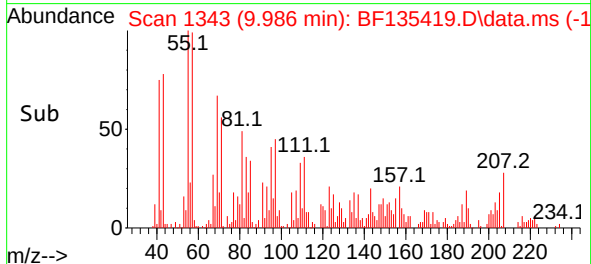
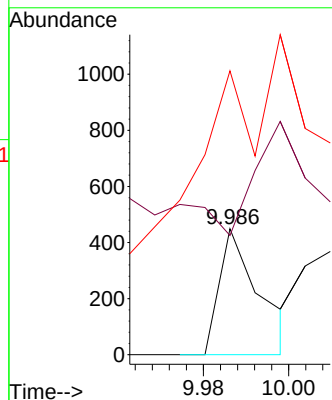
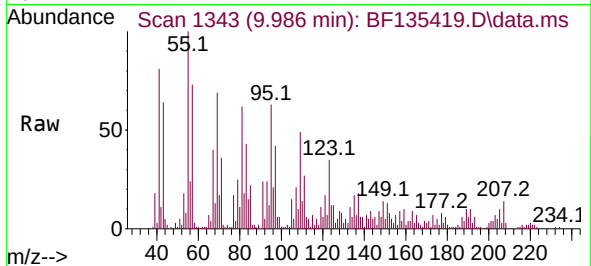




#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

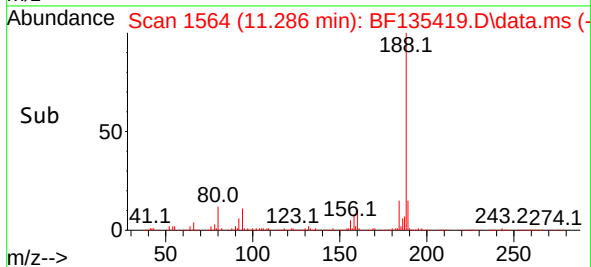
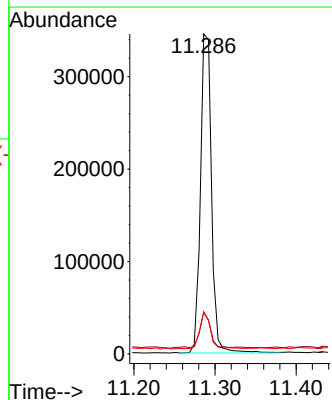
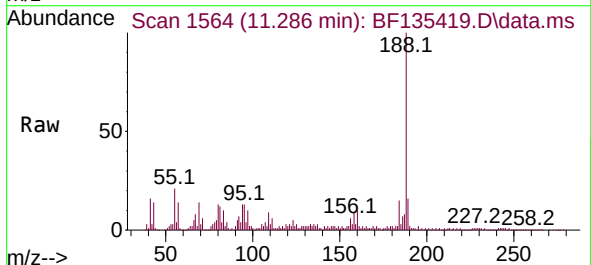
Instrument :
BNA_F
ClientSampleId :
B103-06DL

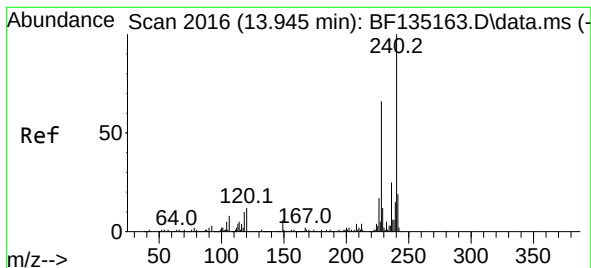
Tgt Ion:184 Resp: 293
Ion Ratio Lower Upper
184 100
63 94.7 55.1 82.7#
154 225.4 48.4 72.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Tgt Ion:188 Resp: 329106
Ion Ratio Lower Upper
188 100
94 13.0 7.0 10.6#
80 13.2 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135419.D

Acq: 23 Sep 2023 01:42

Instrument :

BNA_F

ClientSampleId :

B103-06DL

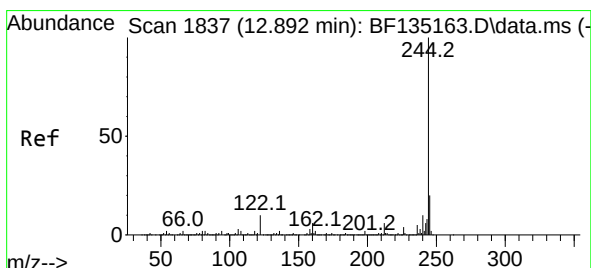
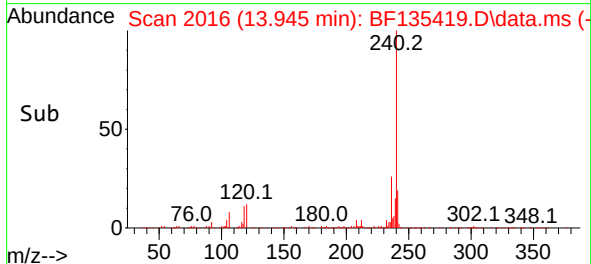
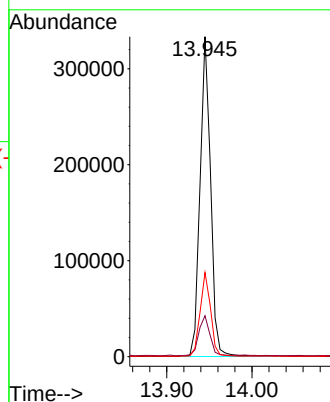
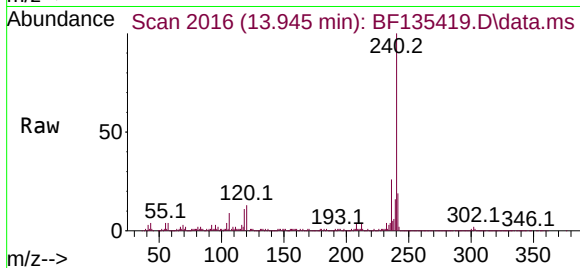
Tgt Ion:240 Resp: 286789

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 26.3 19.8 29.8



#79

Terphenyl-d14

Concen: 1.646 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135419.D

Acq: 23 Sep 2023 01:42

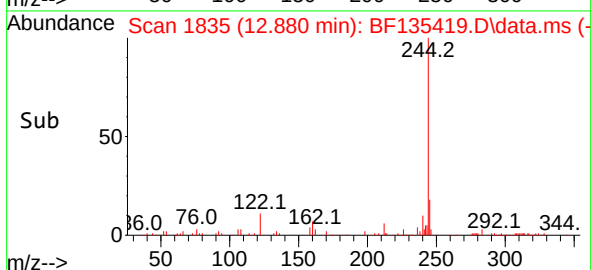
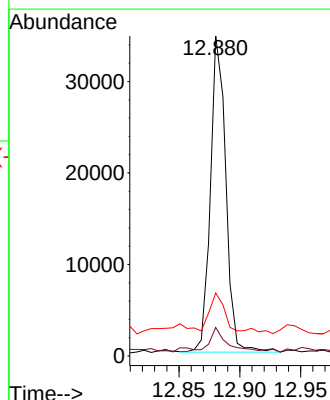
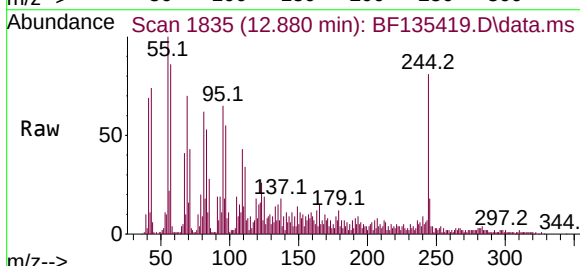
Tgt Ion:244 Resp: 30458

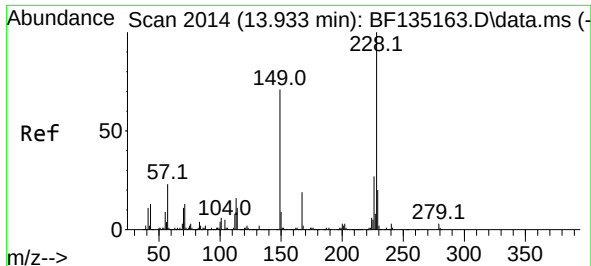
Ion Ratio Lower Upper

244 100

212 8.9 5.1 7.7#

122 19.6 7.9 11.9#

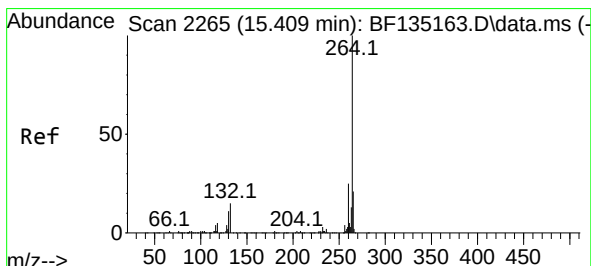
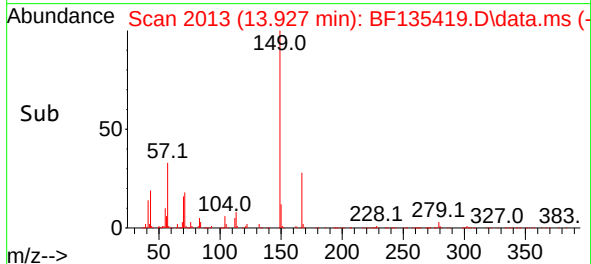
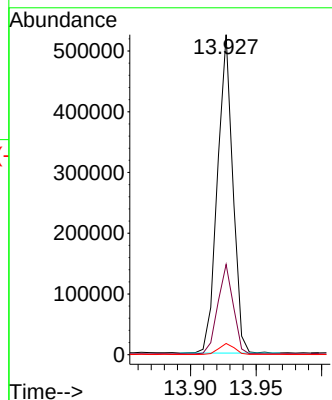
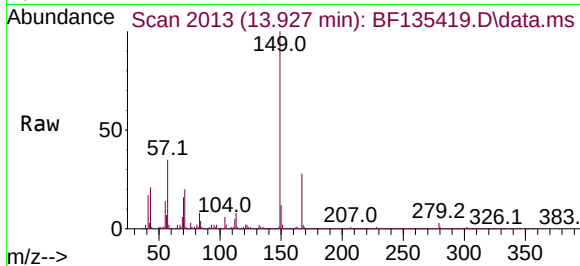




#84
Bis(2-ethylhexyl)phthalate
Concen: 43.136 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

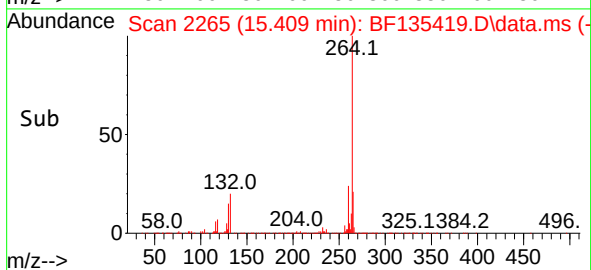
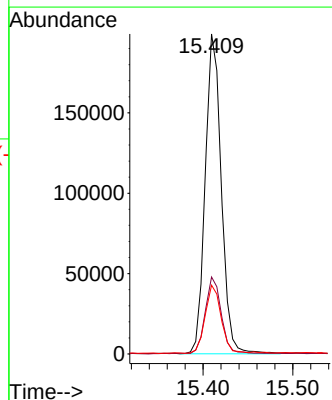
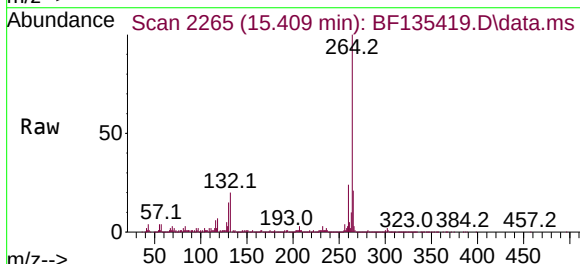
Instrument :
BNA_F
ClientSampleId :
B103-06DL

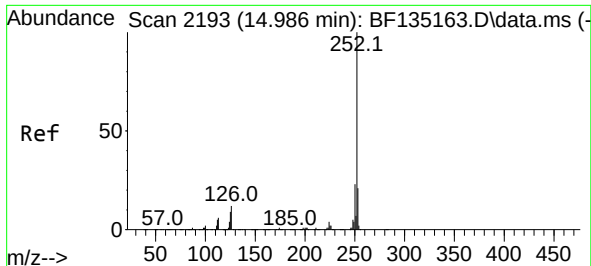
Tgt Ion:149 Resp: 425545
Ion Ratio Lower Upper
149 100
167 28.2 21.9 32.9
279 3.5 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Tgt Ion:264 Resp: 247666
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 21.5 17.0 25.4

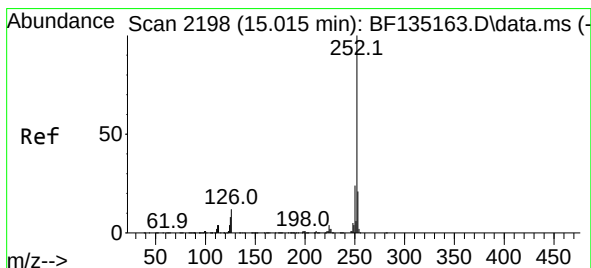
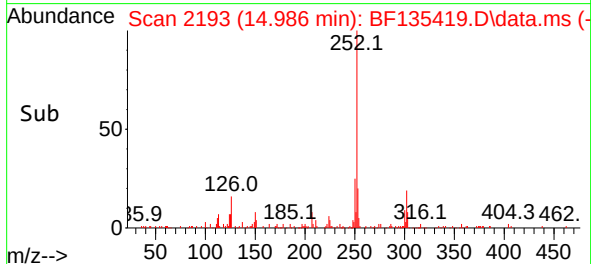
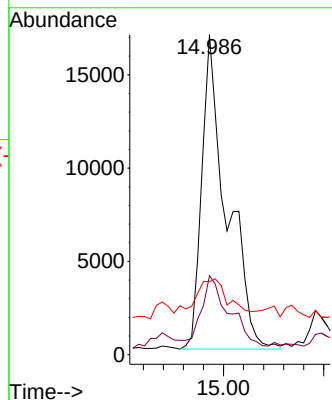
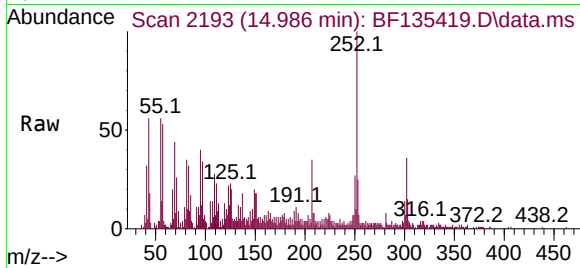




#88
Benzo(b)fluoranthene
Concen: 2.177 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Instrument :
BNA_F
ClientSampleId :
B103-06DL

Tgt Ion:252 Resp: 29186
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 22.8 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 2.204 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.029 min
Lab File: BF135419.D
Acq: 23 Sep 2023 01:42

Tgt Ion:252 Resp: 29186
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 22.8 7.2 10.8#

