

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135617.D
 Acq On : 06 Oct 2023 00:28
 Operator : CG\JU
 Sample : 04702-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100223

Quant Time: Oct 06 03:50:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

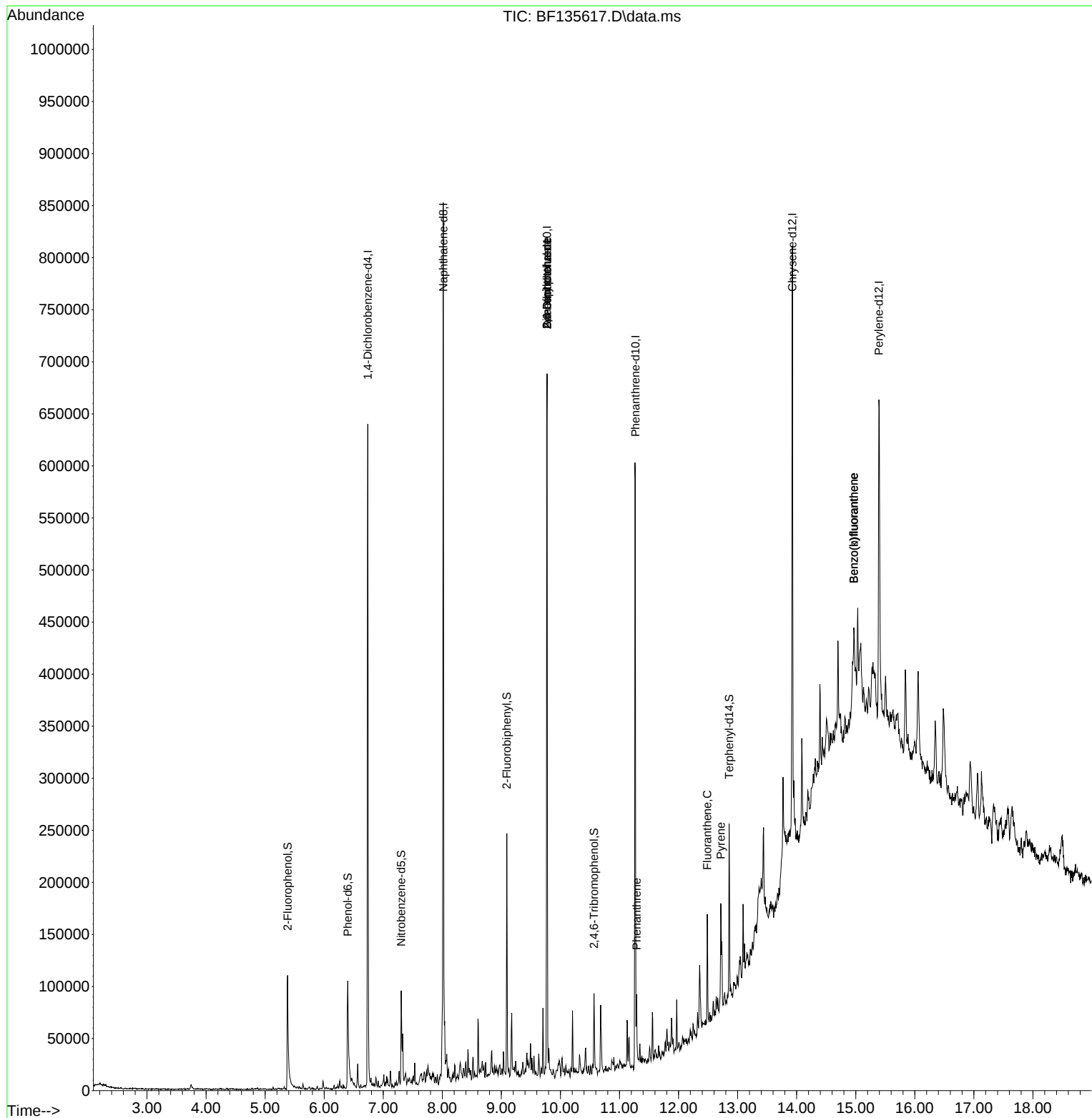
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	93334	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	329725	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	137228	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	224848	20.000	ng	0.00
76) Chrysene-d12	13.927	240	177308	20.000	ng	0.00
86) Perylene-d12	15.392	264	144593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	45932	8.004	ng	0.01
7) Phenol-d6	6.398	99	53717	7.362	ng	0.01
23) Nitrobenzene-d5	7.304	82	33758	5.562	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	9069	6.650	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	63615	6.994	ng	0.00
79) Terphenyl-d14	12.857	244	52727	4.610	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.774	163	28698	3.093	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	18584	9.143	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	18584	7.304	ng	# 19
71) Phenanthrene	11.292	178	24059	2.262	ng	98
75) Fluoranthene	12.486	202	40709	3.674	ng	98
78) Pyrene	12.715	202	40915	2.424	ng	98
88) Benzo(b)fluoranthene	14.968	252	26852	3.431	ng	# 62
89) Benzo(k)fluoranthene	14.968	252	26028	3.366	ng	# 62

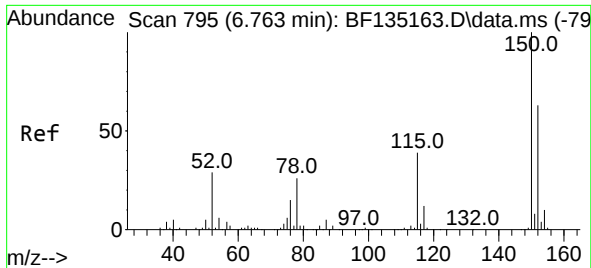
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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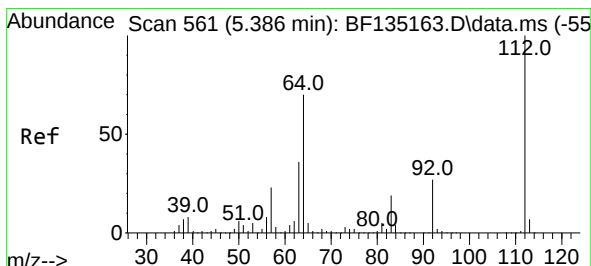
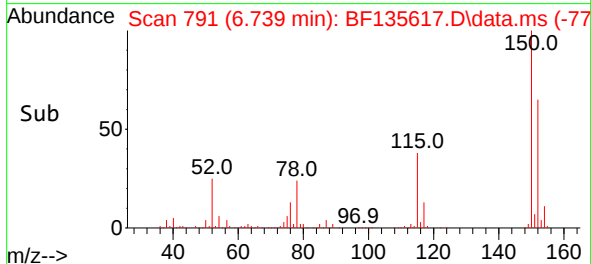
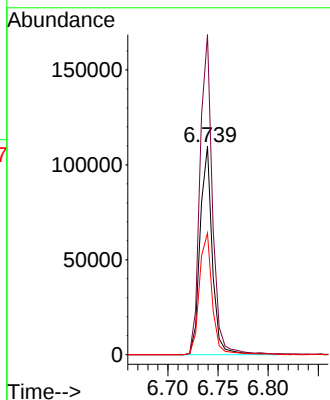
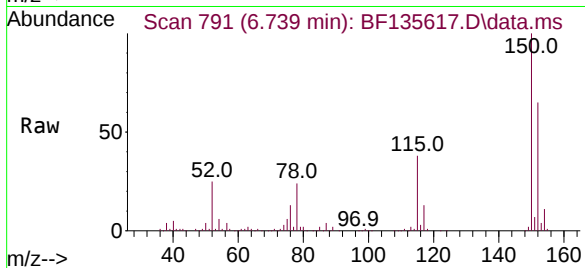




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

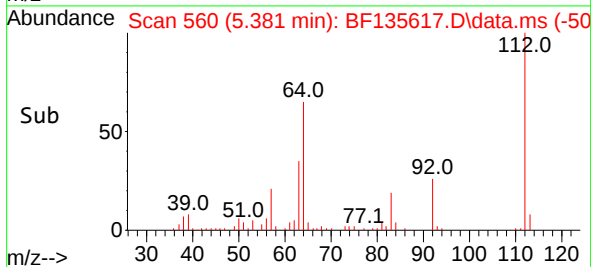
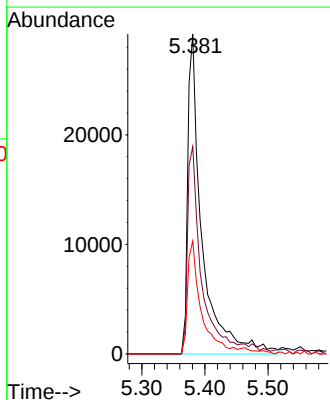
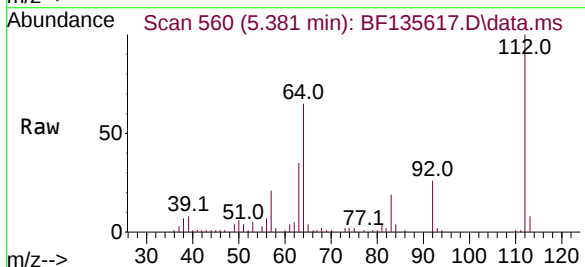
Instrument :
BNA_F
ClientSampleId :
OK-02-100223

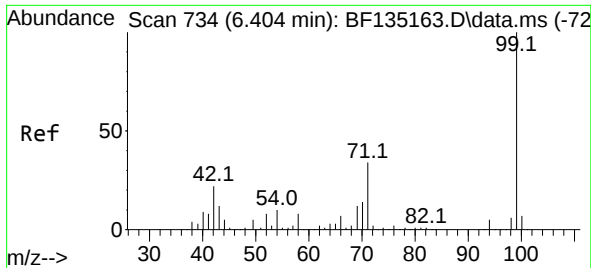
Tgt Ion:152 Resp: 93334
Ion Ratio Lower Upper
152 100
150 153.6 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 8.004 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:112 Resp: 45932
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 35.3 29.0 43.6

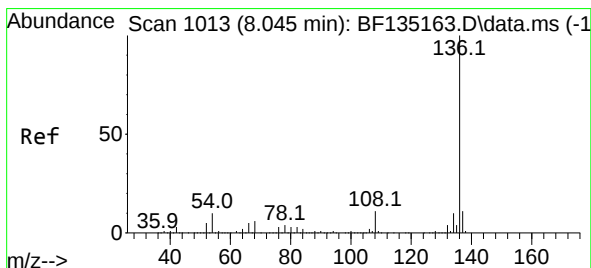
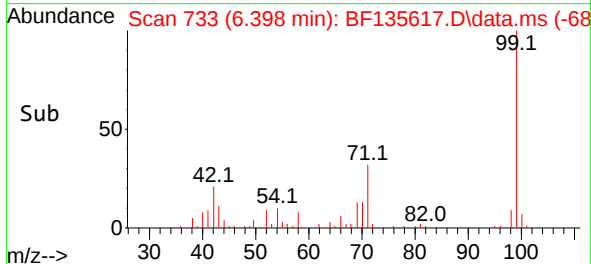
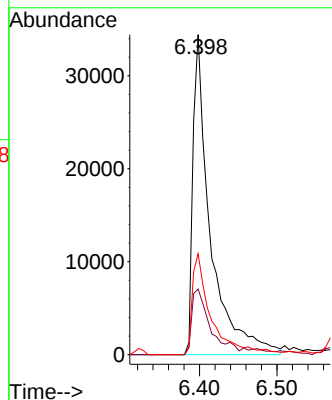
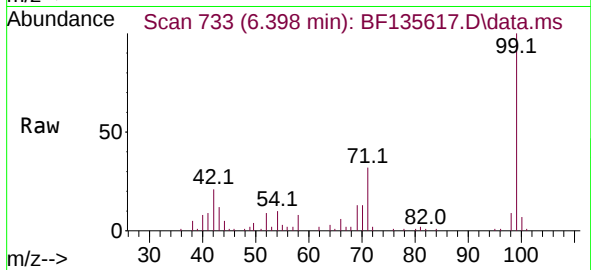




#7
Phenol-d6
Concen: 7.362 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

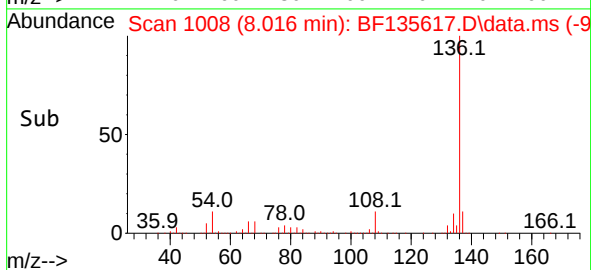
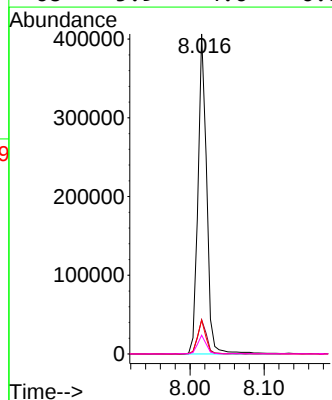
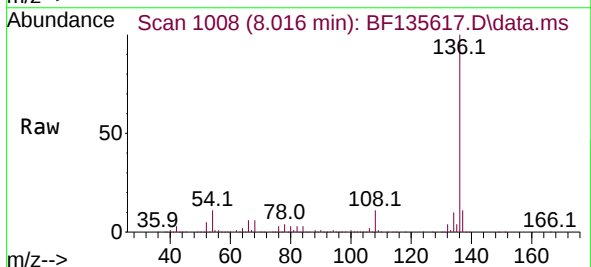
Instrument :
BNA_F
ClientSampleId :
OK-02-100223

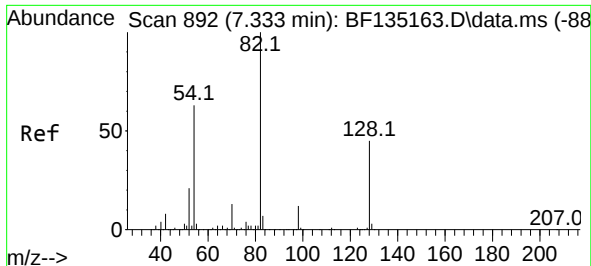
Tgt Ion: 99 Resp: 53717
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 31.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion: 136 Resp: 329725
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.6 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 5.562 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223

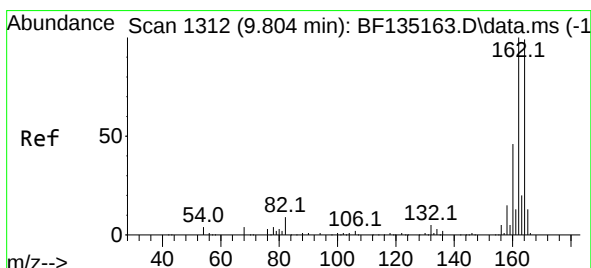
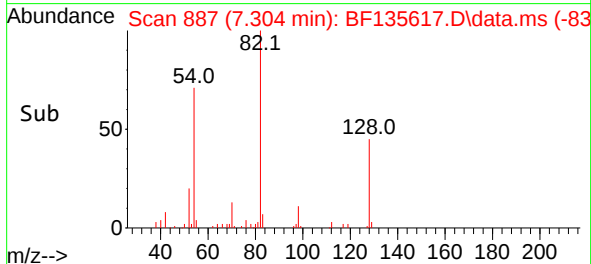
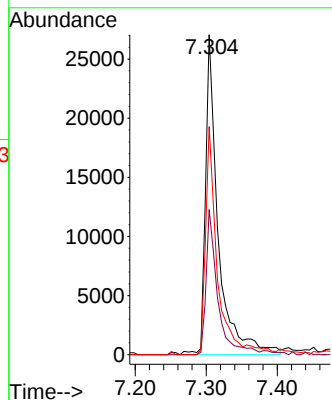
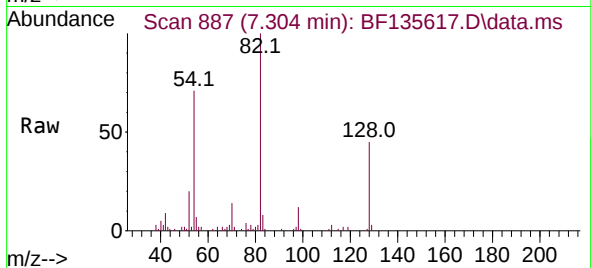
Tgt Ion: 82 Resp: 33758

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.6

54 71.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

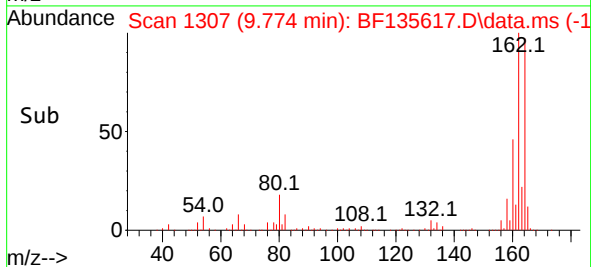
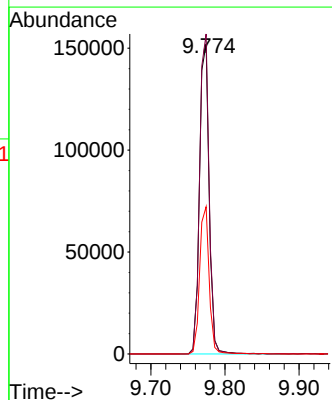
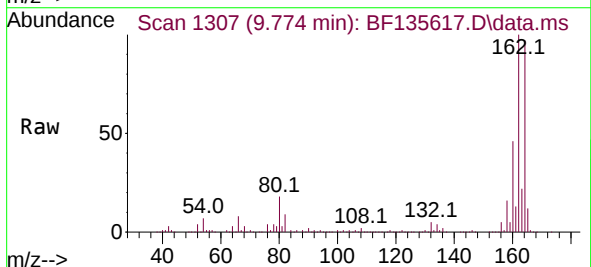
Tgt Ion: 164 Resp: 137228

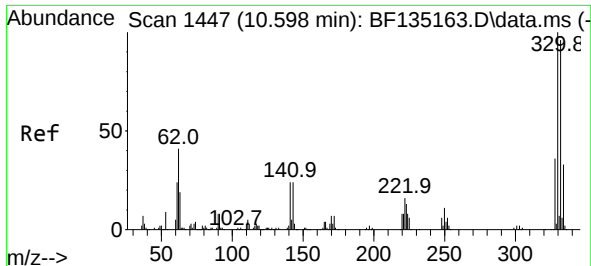
Ion Ratio Lower Upper

164 100

162 103.2 81.0 121.4

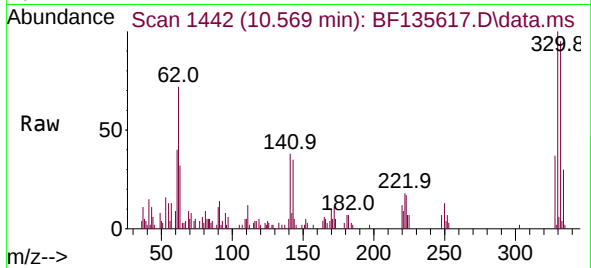
160 47.5 37.0 55.4



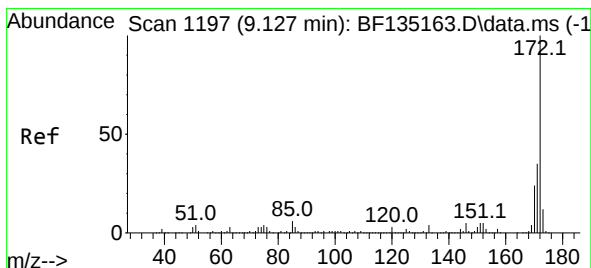
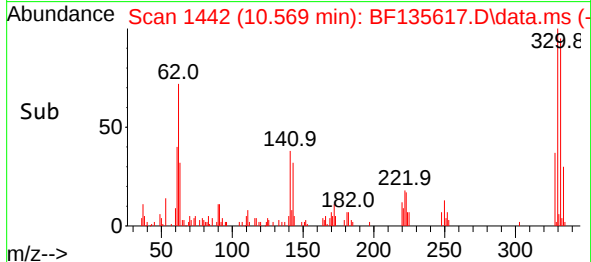
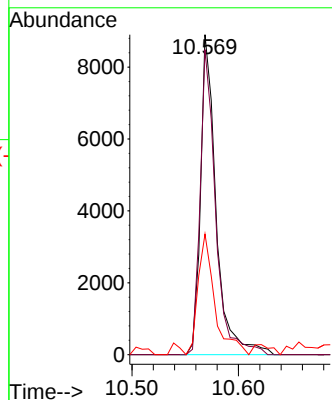


#42
2,4,6-Tribromophenol
Concen: 6.650 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

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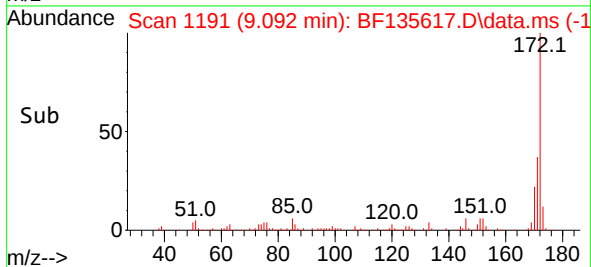
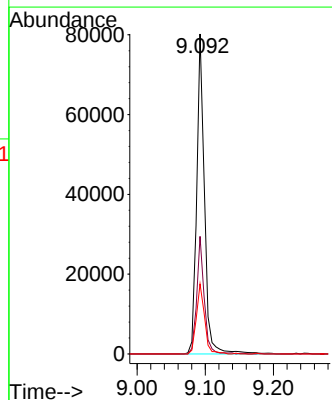
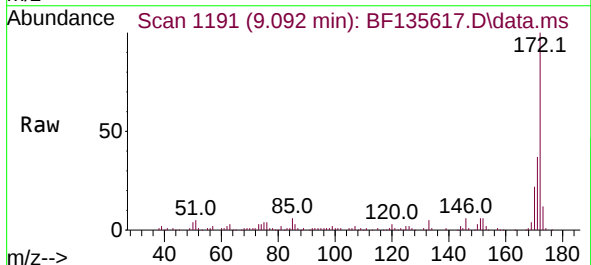


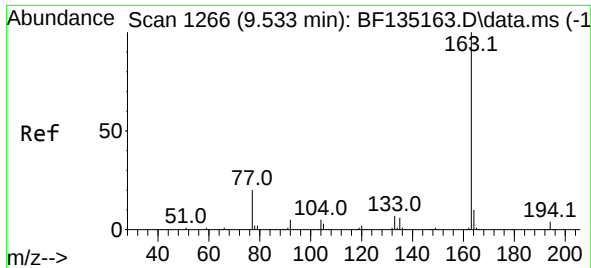
Tgt Ion: 330 Resp: 9069
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 40.3 25.8 38.8#



#45
2-Fluorobiphenyl
Concen: 6.994 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion: 172 Resp: 63615
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 21.9 19.0 28.4

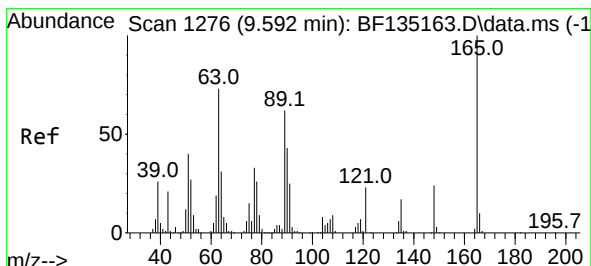
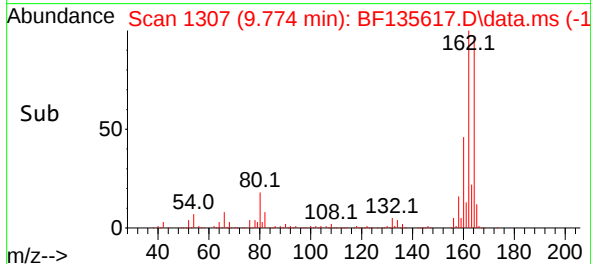
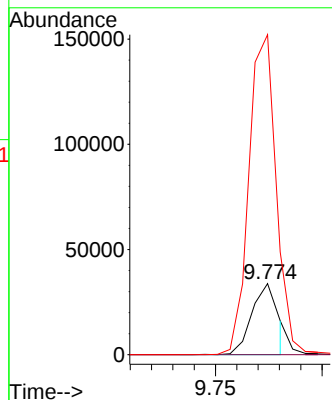
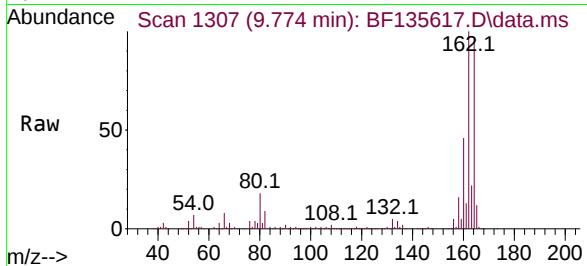




#50
Dimethylphthalate
Concen: 3.093 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

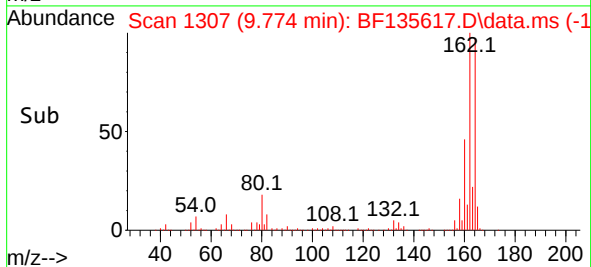
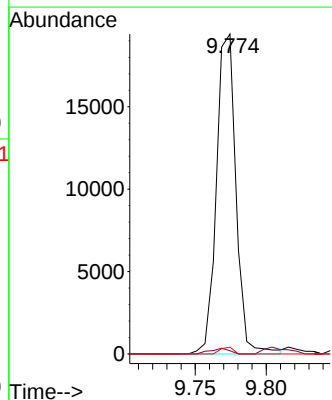
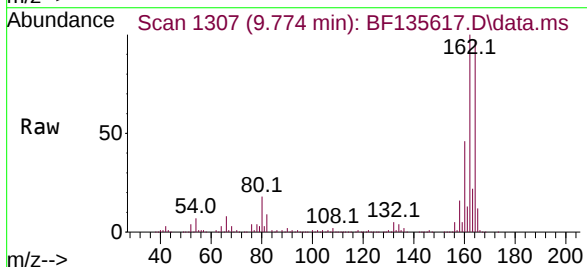
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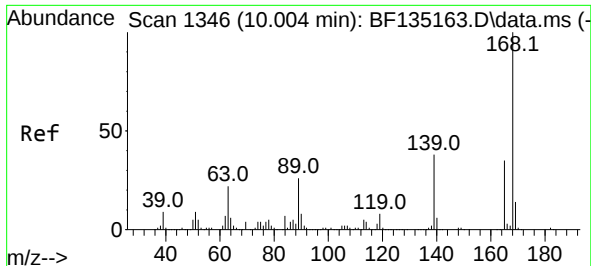
Tgt Ion:163 Resp: 28698
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 450.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.143 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:165 Resp: 18584
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 2.1 49.8 74.8#

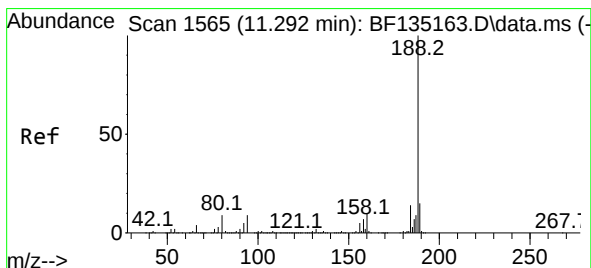
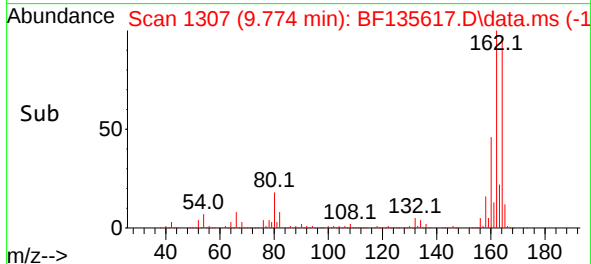
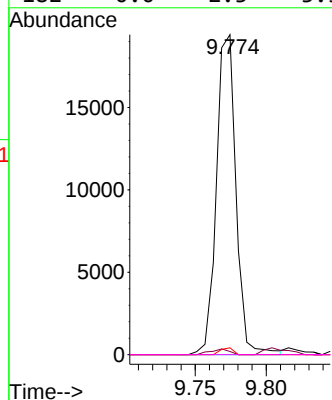
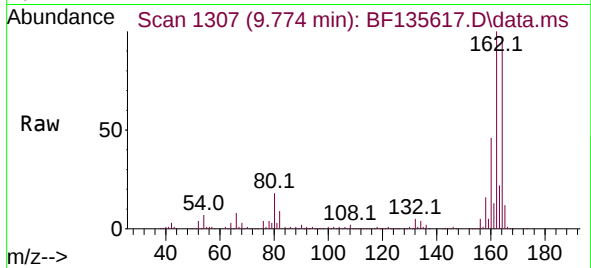




#57
2,4-Dinitrotoluene
Concen: 7.304 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

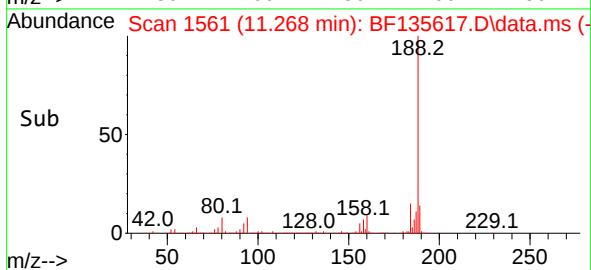
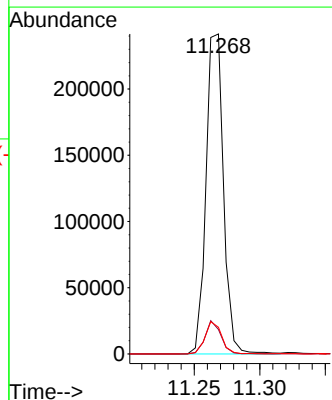
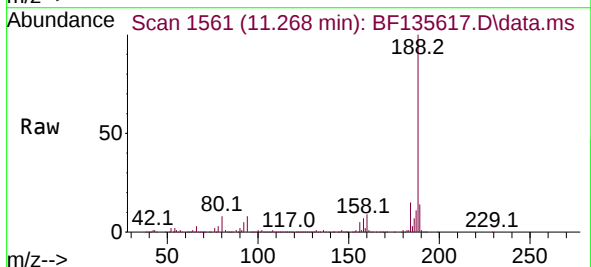
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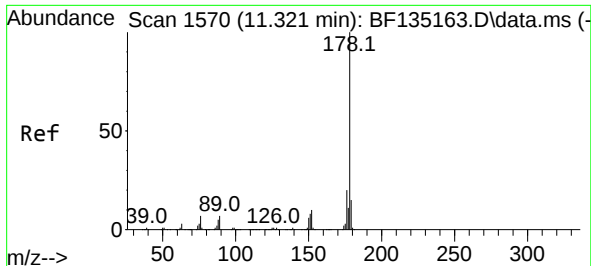
Tgt Ion:165 Resp: 18584
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 2.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:188 Resp: 224848
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.3 7.5 11.3

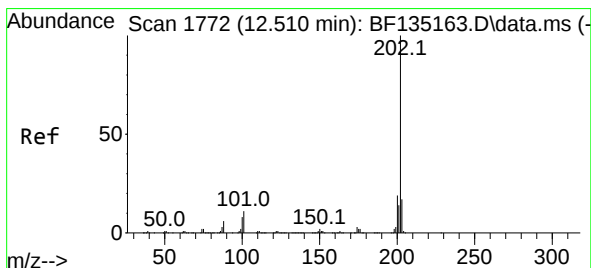
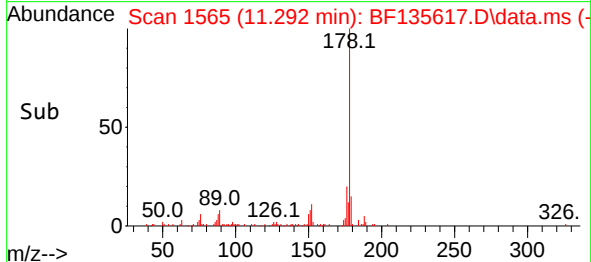
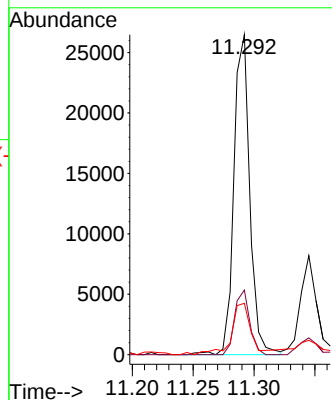
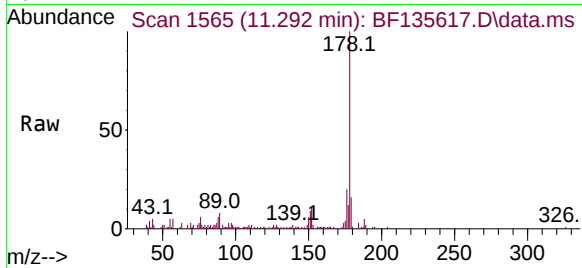




#71
Phenanthrene
Concen: 2.262 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

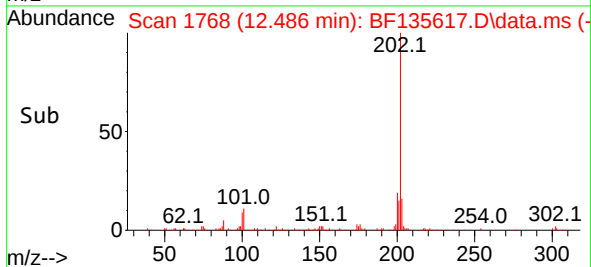
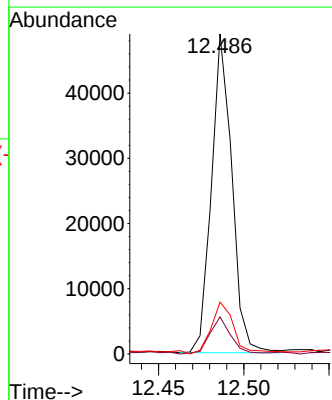
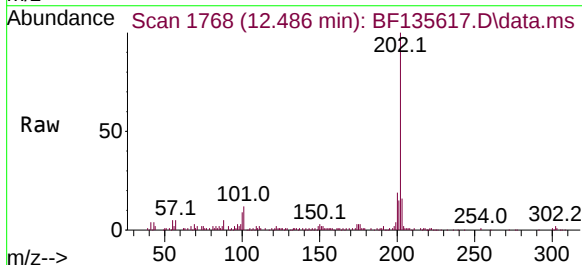
Instrument :
BNA_F
ClientSampleId :
OK-02-100223

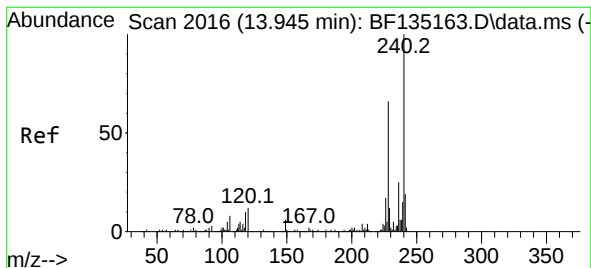
Tgt Ion:178 Resp: 24059
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.1 12.0 18.0



#75
Fluoranthene
Concen: 3.674 ng
RT: 12.486 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:202 Resp: 40709
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 16.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223

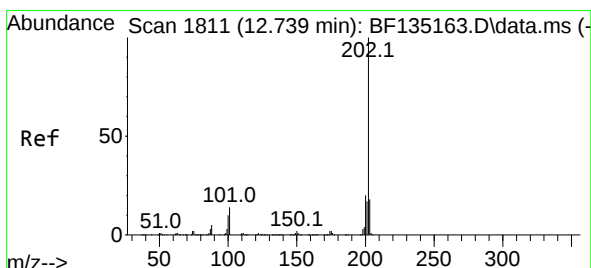
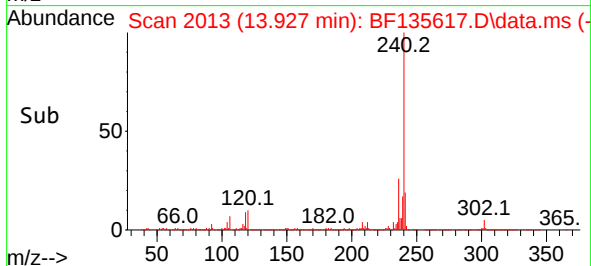
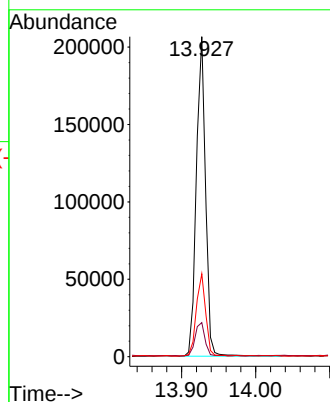
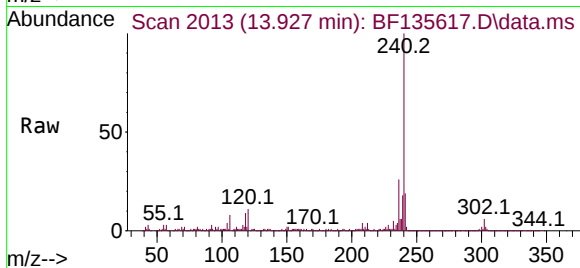
Tgt Ion:240 Resp: 177308

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.9 19.8 29.8



#78

Pyrene

Concen: 2.424 ng

RT: 12.715 min Scan# 1807

Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

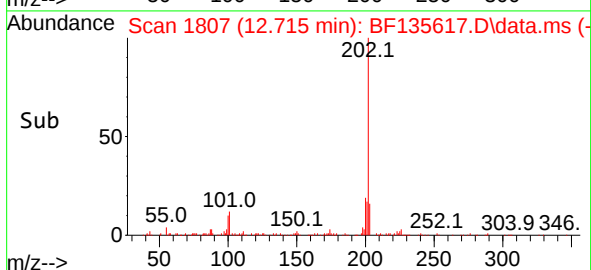
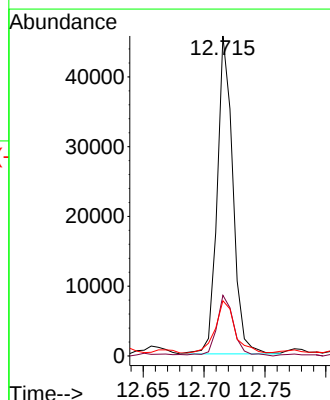
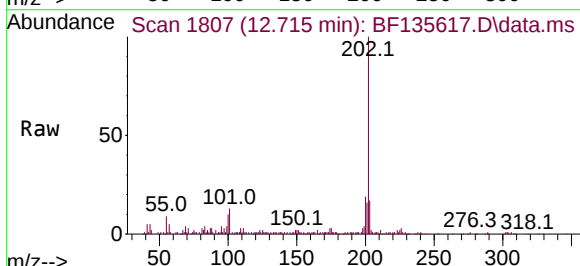
Tgt Ion:202 Resp: 40915

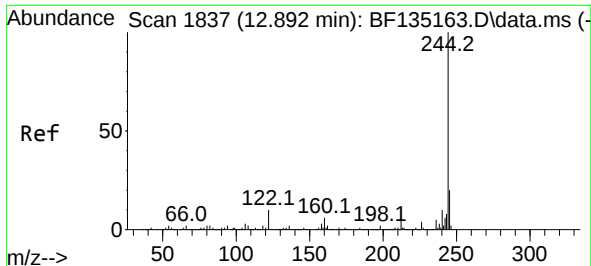
Ion Ratio Lower Upper

202 100

200 19.0 16.2 24.2

203 17.2 14.2 21.4

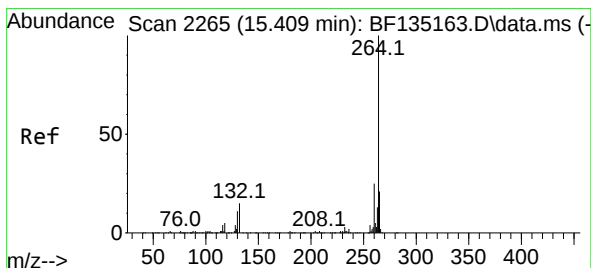
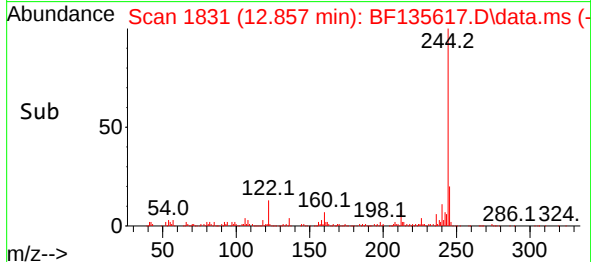
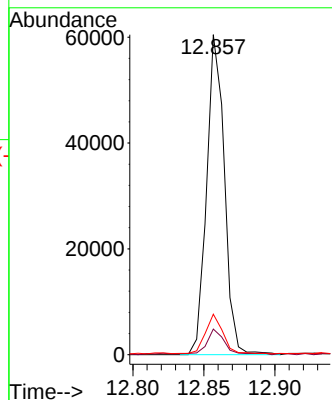
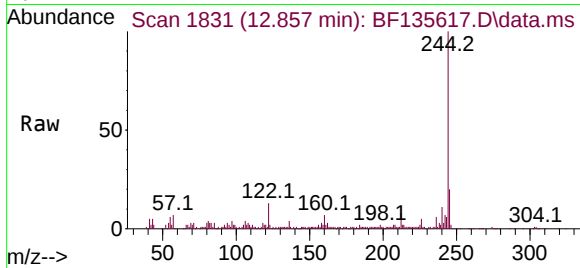




#79
 Terphenyl-d14
 Concen: 4.610 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF135617.D
 Acq: 06 Oct 2023 00:28

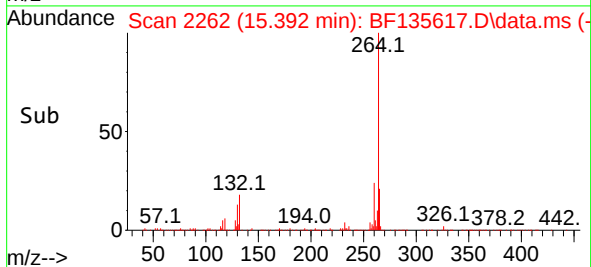
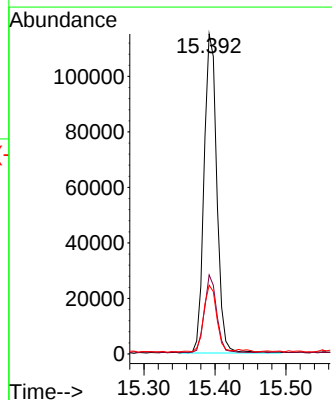
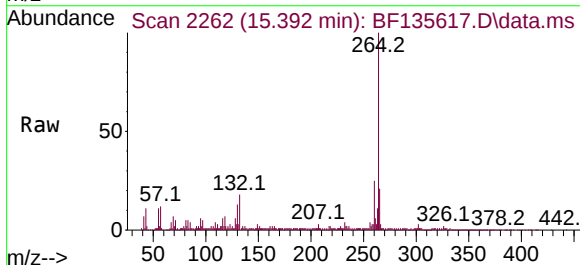
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100223

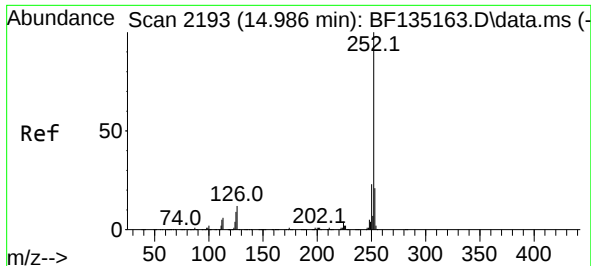
Tgt Ion:244 Resp: 52727
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.1 7.7#
 122 12.7 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135617.D
 Acq: 06 Oct 2023 00:28

Tgt Ion:264 Resp: 144593
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.5 17.0 25.4

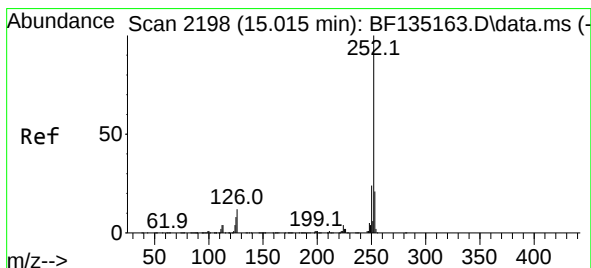
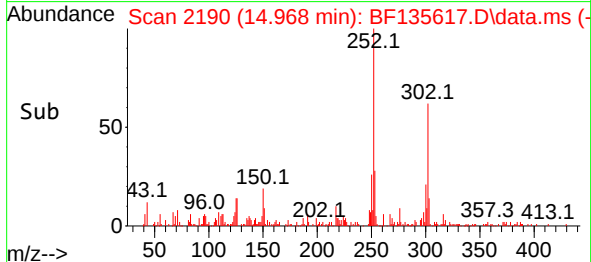
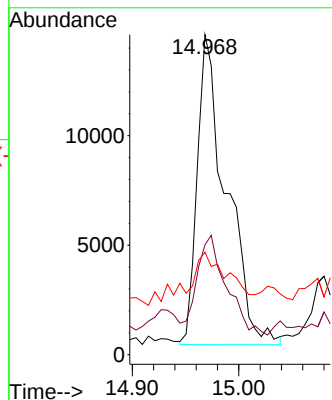
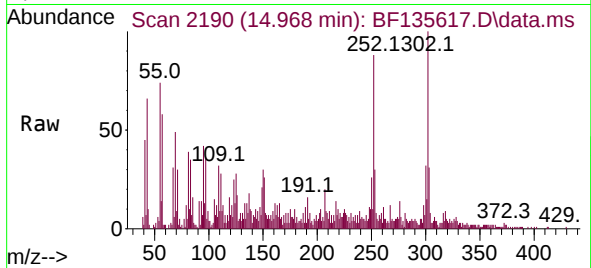




#88
Benzo(b)fluoranthene
Concen: 3.431 ng
RT: 14.968 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Instrument :
BNA_F
ClientSampleId :
OK-02-100223

Tgt Ion:252 Resp: 26852
Ion Ratio Lower Upper
252 100
253 34.4 17.2 25.8#
125 32.0 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 3.366 ng
RT: 14.968 min Scan# 2190
Delta R.T. -0.024 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:252 Resp: 26028
Ion Ratio Lower Upper
252 100
253 34.4 17.4 26.0#
125 32.0 7.2 10.8#

