

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135740.D
 Acq On : 12 Oct 2023 18:02
 Operator : CG\JU
 Sample : 04813-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 50126-50127-COMP

Quant Time: Oct 13 00:57:04 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 11 02:43:17 2023
 Response via : Initial Calibration

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

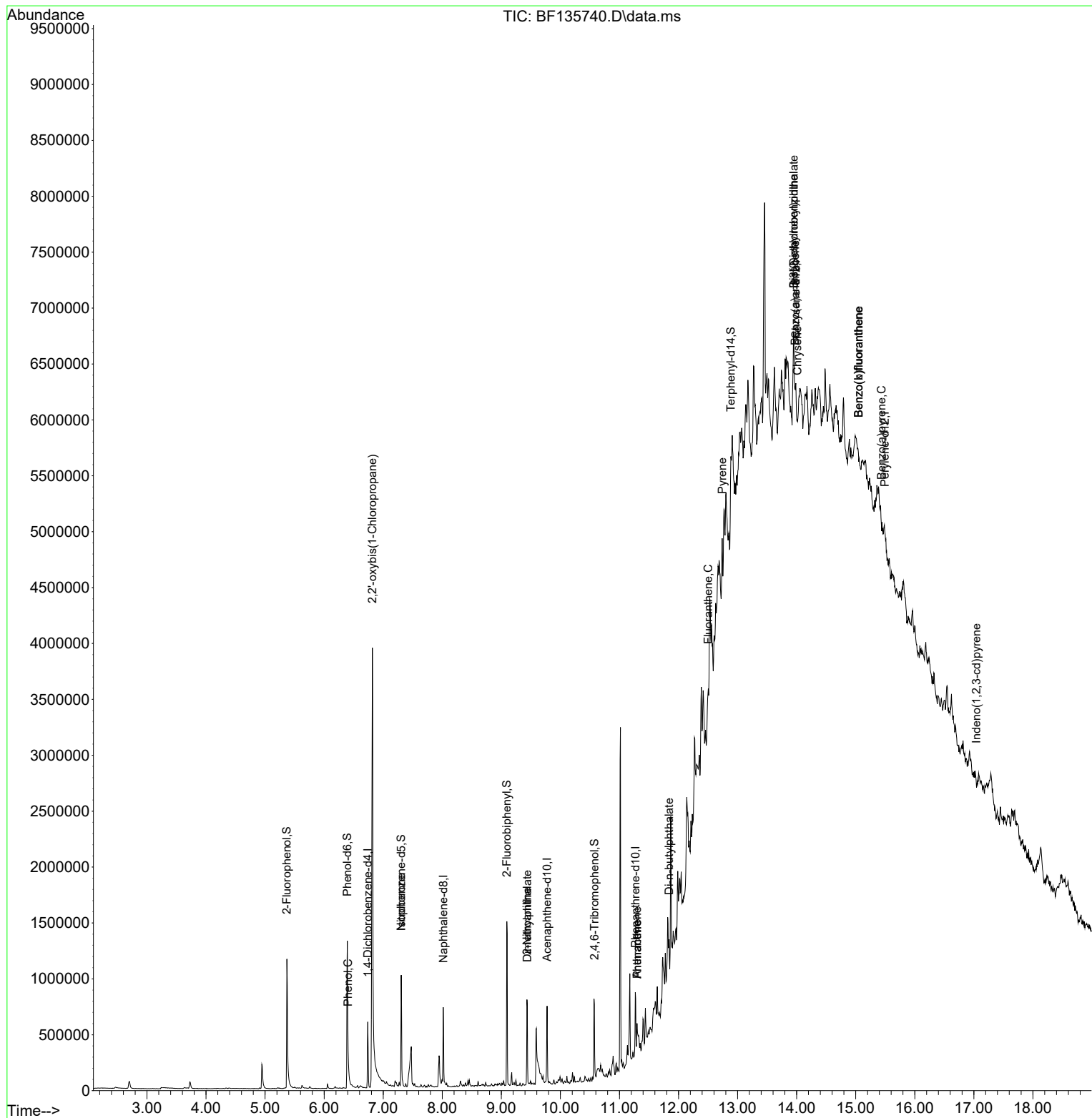
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	83868	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	280944	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	120323	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	217113	20.000	ng	0.00
76) Chrysene-d12	13.986	240	54964	20.000	ng	# 0.05
86) Perylene-d12	15.492	264	59999	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	366958	71.164	ng	0.00
7) Phenol-d6	6.393	99	490913	74.871	ng	0.00
23) Nitrobenzene-d5	7.304	82	278939	53.942	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	93447	78.151	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	450973	56.547	ng	0.00
79) Terphenyl-d14	12.886	244	278158	78.451	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	6.404	94	26139	3.636	ng	81
16) 2,2'-oxybis(1-Chloropr...	6.816	45	28271	2.781	ng	91
25) Isophorone	7.304	82	278939	29.376	ng	# 65
48) 2-Nitroaniline	9.434	65	5881	2.256	ng	# 25
50) Dimethylphthalate	9.439	163	27427	3.371	ng	# 91
71) Phenanthrene	11.298	178	58282	5.676	ng	98
72) Anthracene	11.298	178	58282	5.522	ng	98
74) Di-n-butylphthalate	11.839	149	129883	11.472	ng	97
75) Fluoranthene	12.504	202	97815	9.142	ng	93
78) Pyrene	12.739	202	68234	13.039	ng	# 91
81) Benzo(a)anthracene	13.974	228	20072	5.655	ng	# 76
82) 3,3'-Dichlorobenzidine	13.951	252	2602	2.347	ng	# 1
83) Chrysene	14.010	228	20449	5.795	ng	# 84
84) Bis(2-ethylhexyl)phtha...	13.951	149	249380	131.900	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.045	276	15207	3.866	ng	# 90
88) Benzo(b)fluoranthene	15.051	252	37715	11.612	ng	# 1
89) Benzo(k)fluoranthene	15.051	252	37715	11.755	ng	# 1
90) Benzo(a)pyrene	15.433	252	16694	5.390	ng	# 1

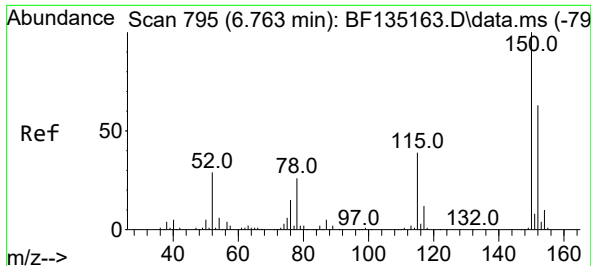
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135740.D
Acq On : 12 Oct 2023 18:02
Operator : CG\JU
Sample : 04813-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

Quant Time: Oct 13 00:57:04 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 11 02:43:17 2023
Response via : Initial Calibration

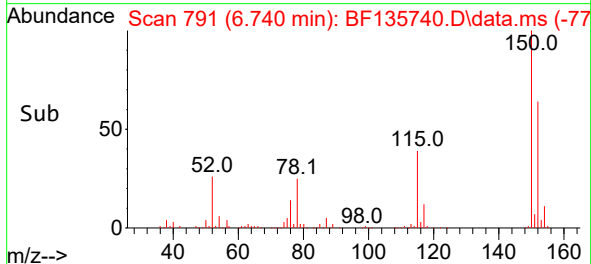
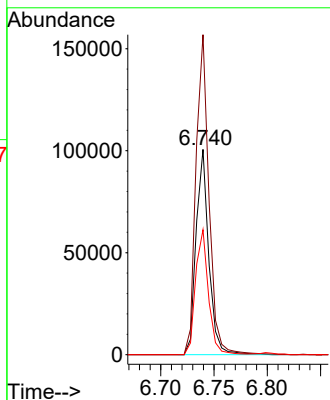
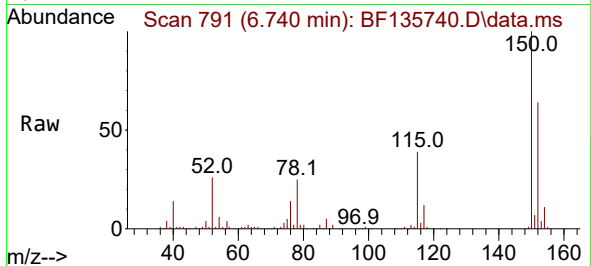




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

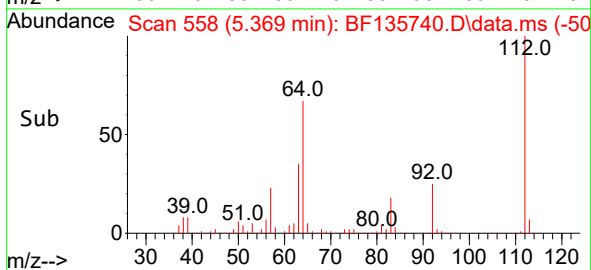
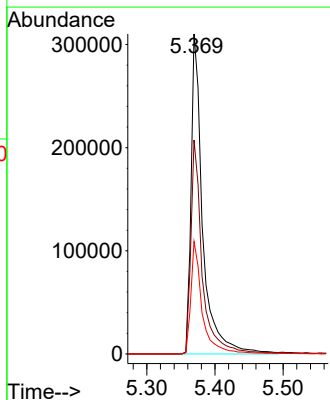
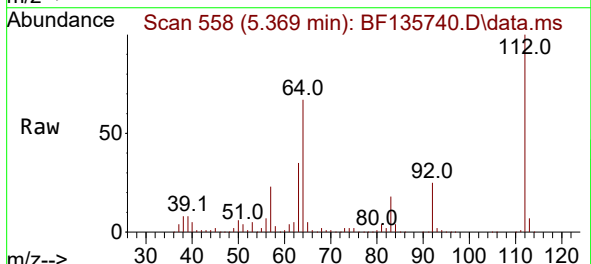
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

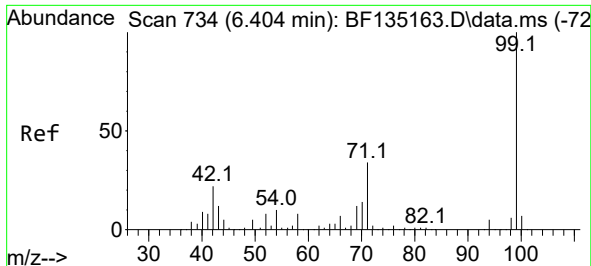
Tgt Ion:152 Resp: 83868
Ion Ratio Lower Upper
152 100
150 155.9 127.8 191.6
115 60.9 49.8 74.8



#5
2-Fluorophenol
Concen: 71.164 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:112 Resp: 366958
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 35.2 29.0 43.6

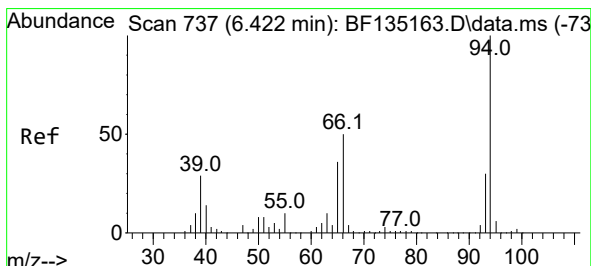
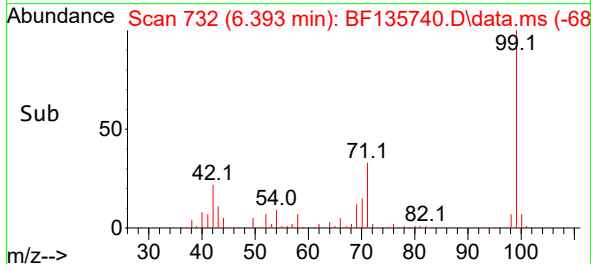
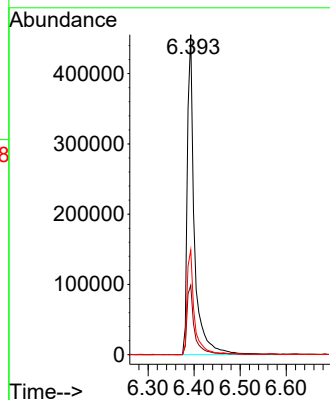
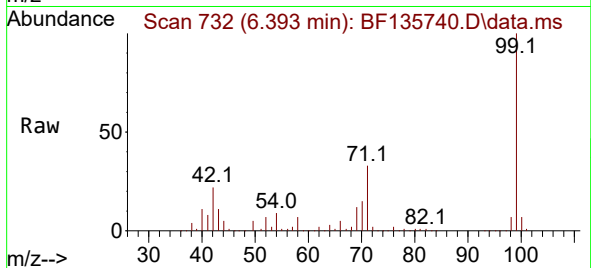




#7
Phenol-d6
Concen: 74.871 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

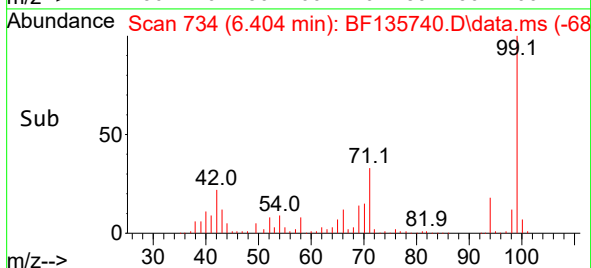
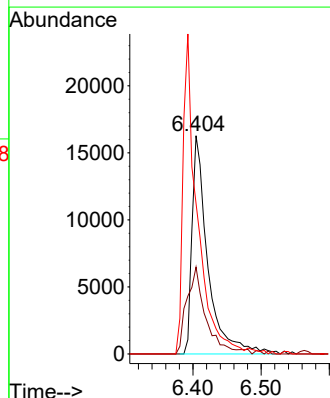
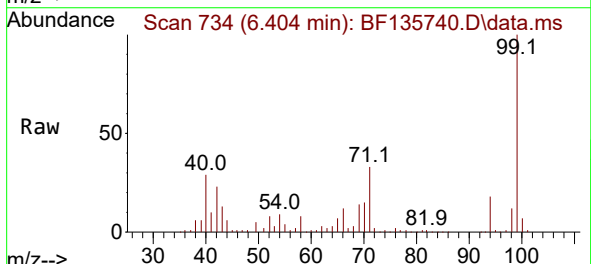
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

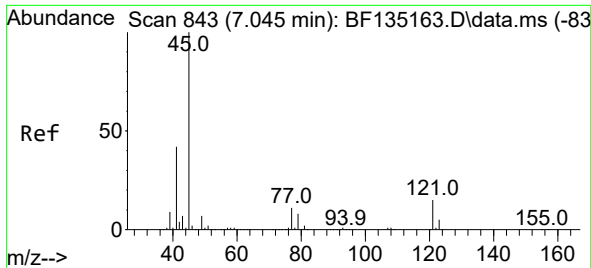
Tgt Ion: 99 Resp: 490913
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 32.7 27.0 40.6



#10
Phenol
Concen: 3.636 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion: 94 Resp: 26139
Ion Ratio Lower Upper
94 100
65 39.8 15.9 55.9
66 69.0 29.8 69.8

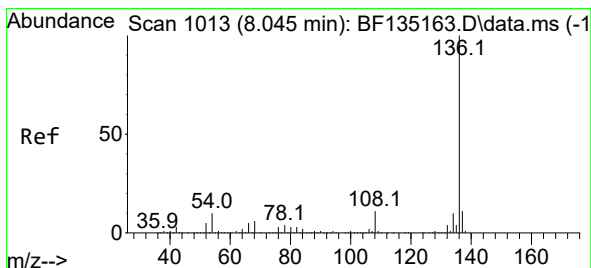
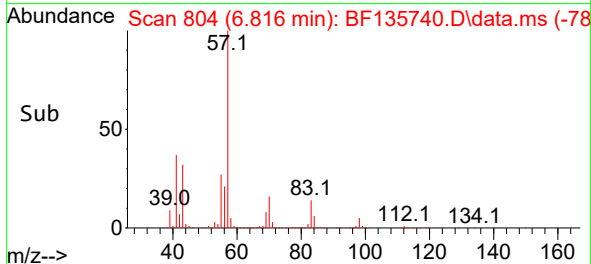
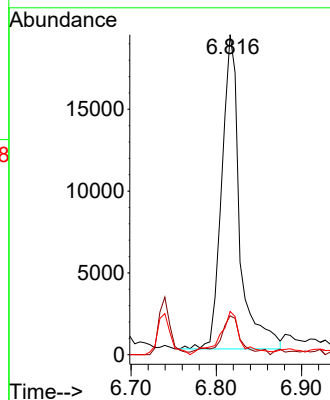
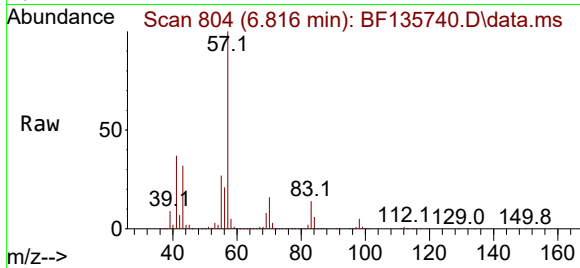




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.781 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.200 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

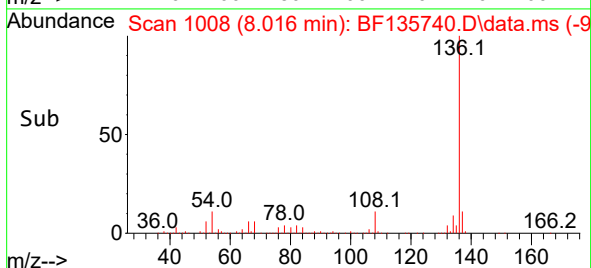
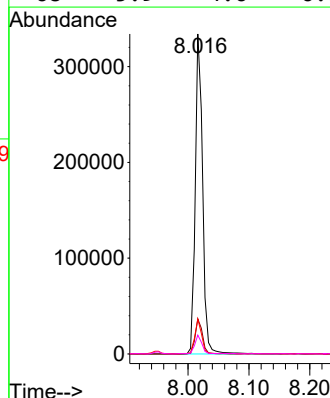
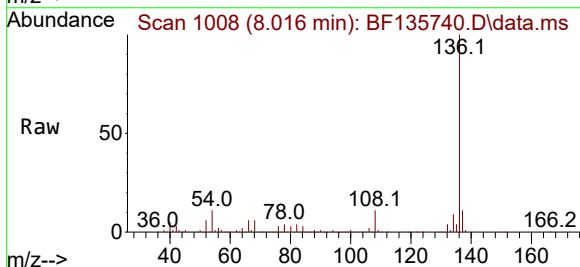
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

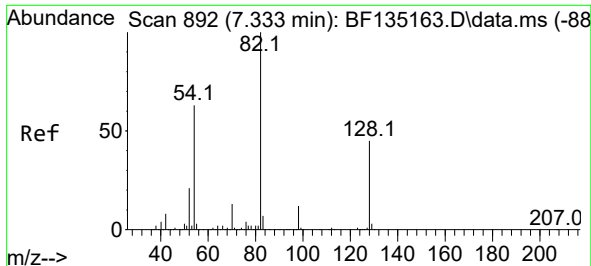
Tgt Ion: 45 Resp: 28271
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 13.5 0.0 28.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:136 Resp: 280944
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.942 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

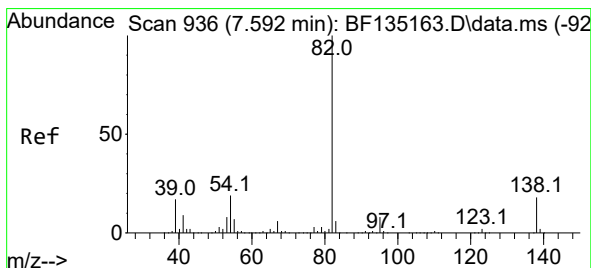
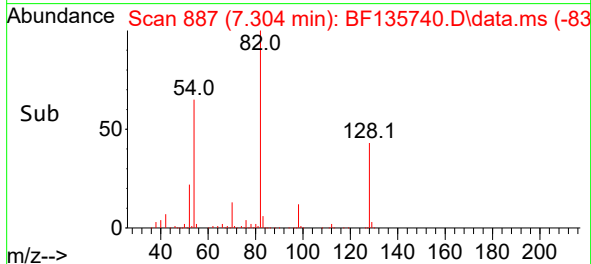
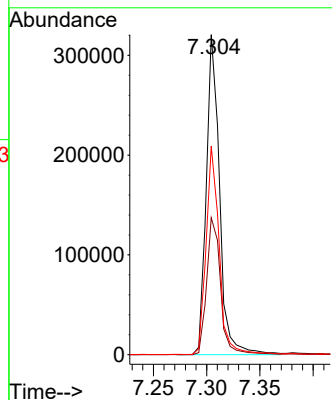
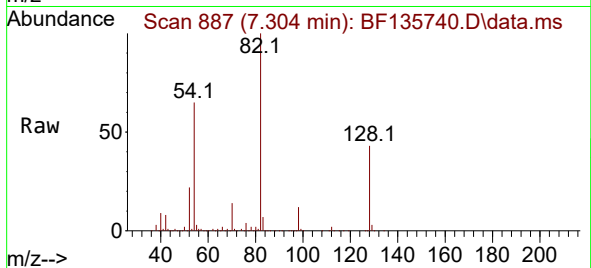
Tgt Ion: 82 Resp: 278939

Ion Ratio Lower Upper

82 100

128 42.8 35.8 53.6

54 65.2 50.6 76.0



#25

Isophorone

Concen: 29.376 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

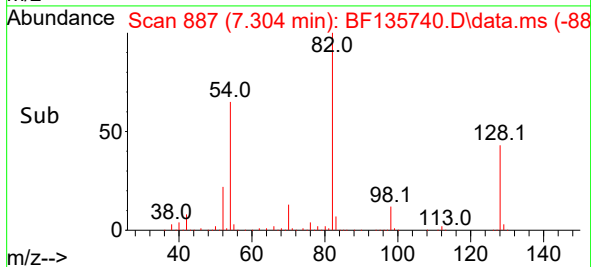
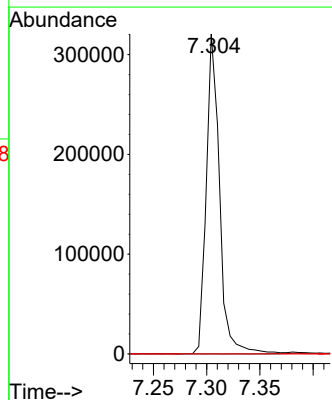
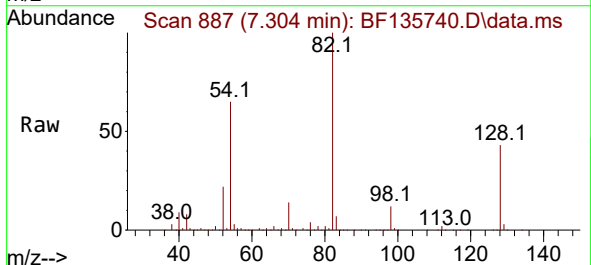
Tgt Ion: 82 Resp: 278939

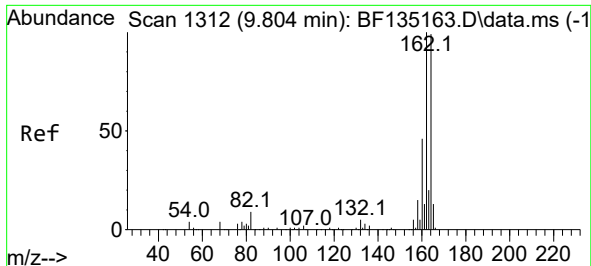
Ion Ratio Lower Upper

82 100

95 0.1 6.0 9.0#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

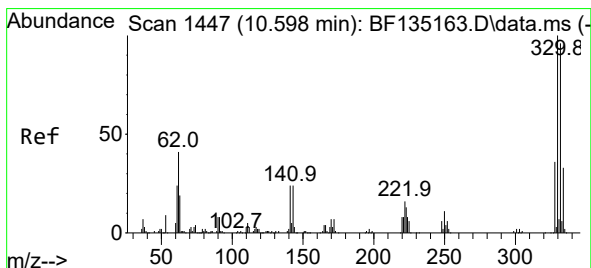
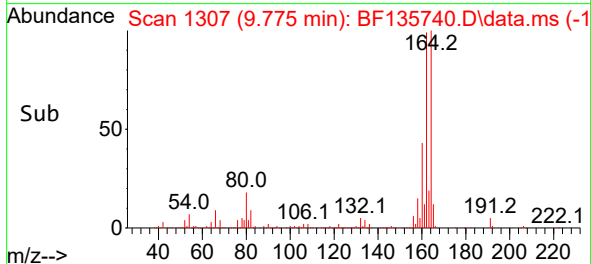
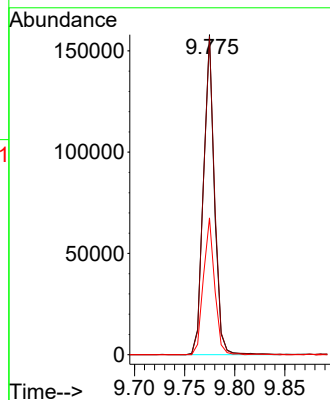
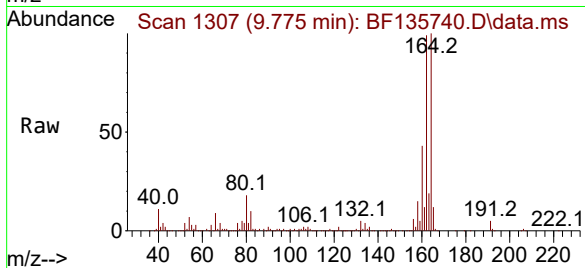
Tgt Ion:164 Resp: 120323

Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 42.8 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 78.151 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

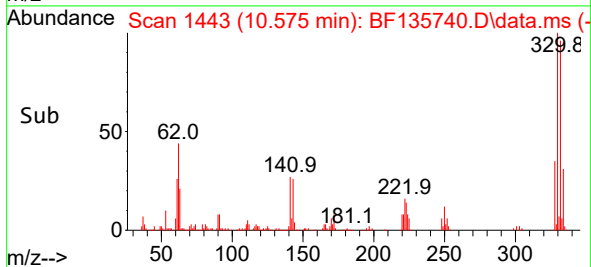
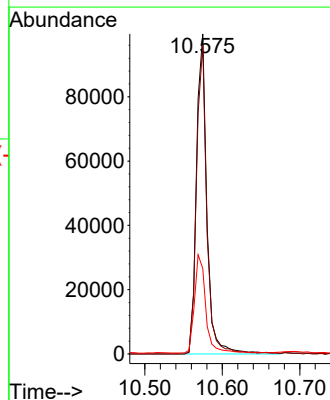
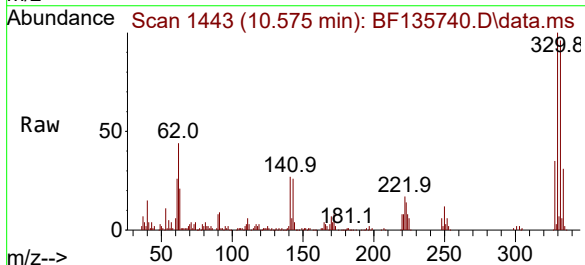
Tgt Ion:330 Resp: 93447

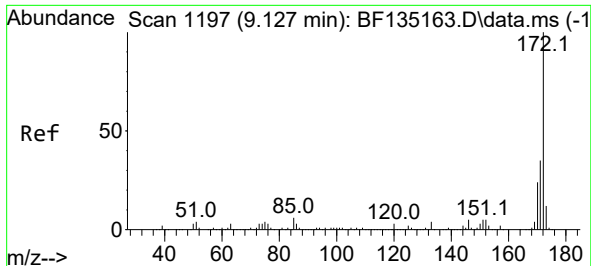
Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 32.7 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 56.547 ng

RT: 9.092 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

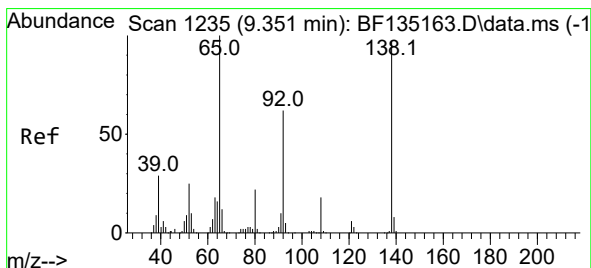
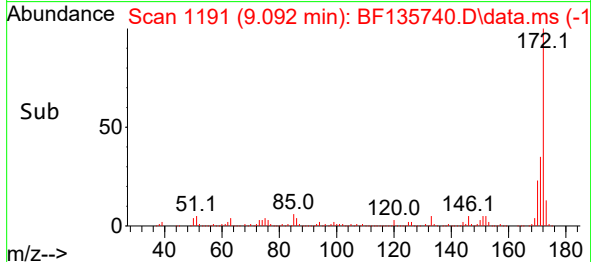
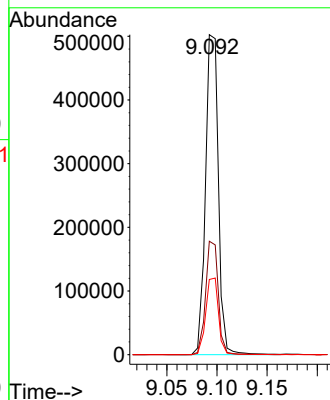
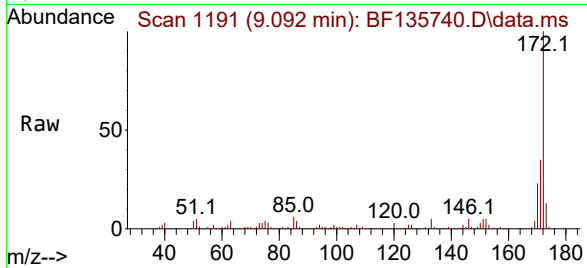
Tgt Ion:172 Resp: 450973

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 2.256 ng

RT: 9.434 min Scan# 1249

Delta R.T. 0.100 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

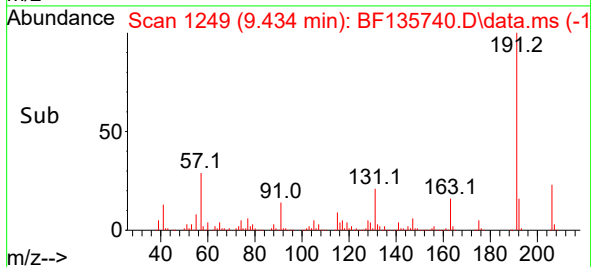
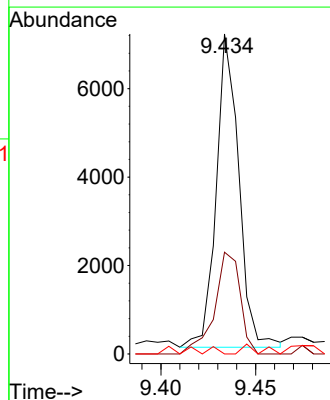
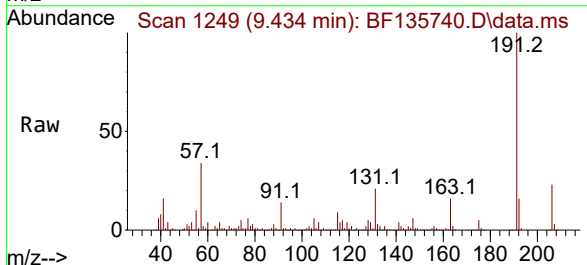
Tgt Ion: 65 Resp: 5881

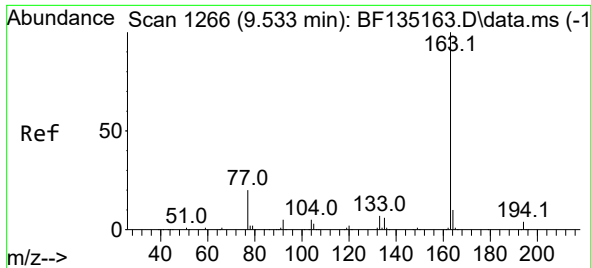
Ion Ratio Lower Upper

65 100

92 31.8 49.4 74.0#

138 0.0 77.4 116.0#

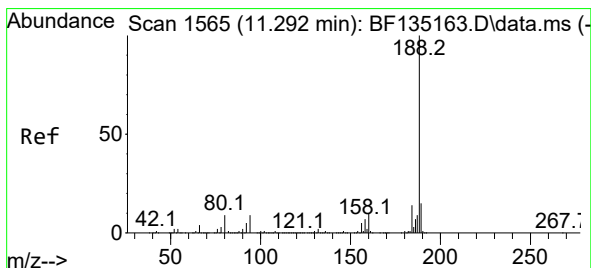
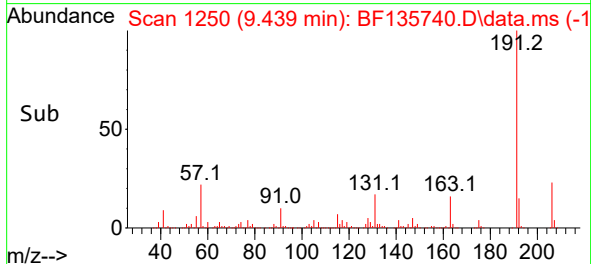
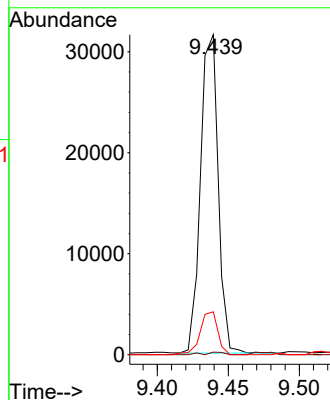
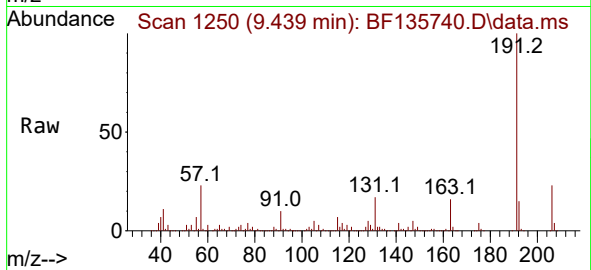




#50
Dimethylphthalate
Concen: 3.371 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.065 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

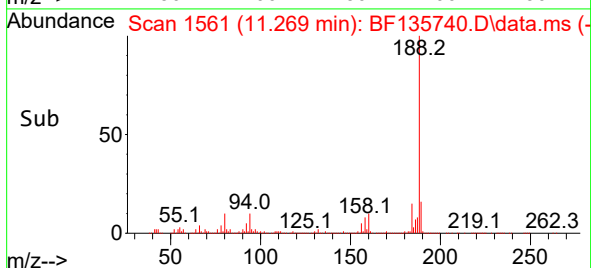
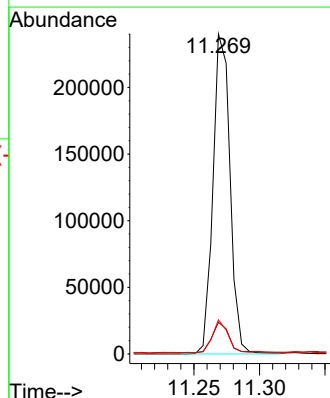
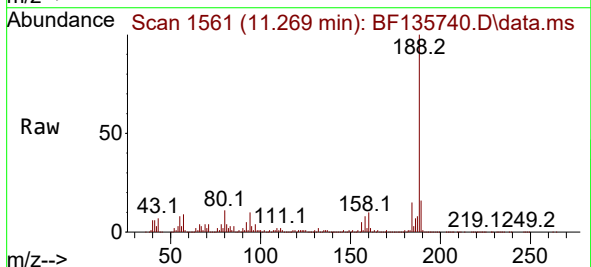
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

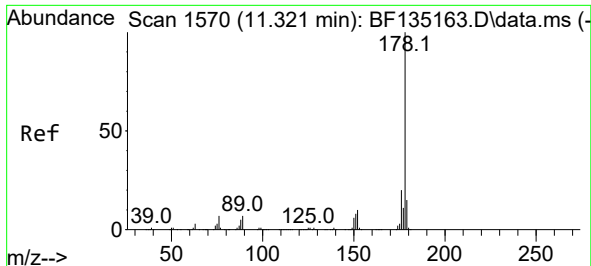
Tgt Ion:163 Resp: 27427
Ion Ratio Lower Upper
163 100
194 0.8 3.1 4.7#
164 13.4 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:188 Resp: 217113
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.7 7.5 11.3

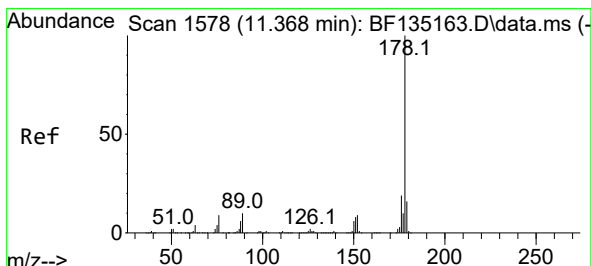
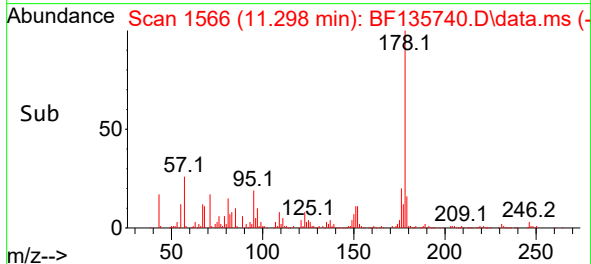
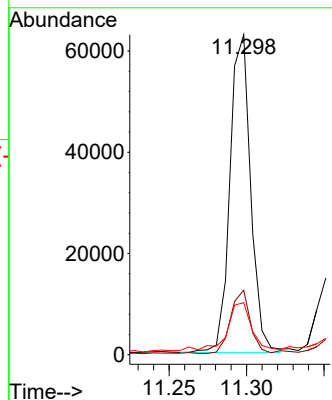
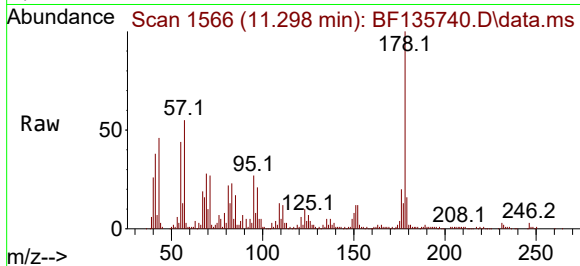




#71
Phenanthrene
Concen: 5.676 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

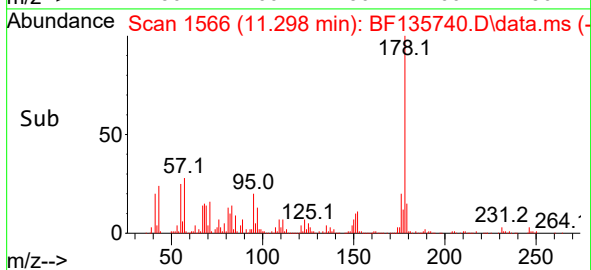
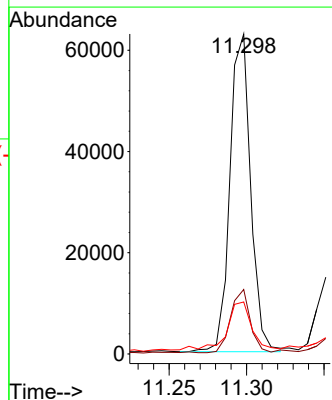
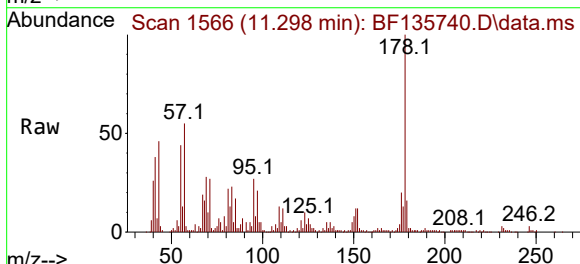
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

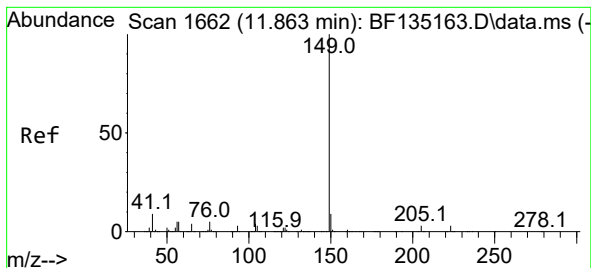
Tgt Ion:178 Resp: 58282
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.3 12.0 18.0



#72
Anthracene
Concen: 5.522 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.053 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:178 Resp: 58282
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 16.3 12.6 19.0





#74

Di-n-butylphthalate

Concen: 11.472 ng

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

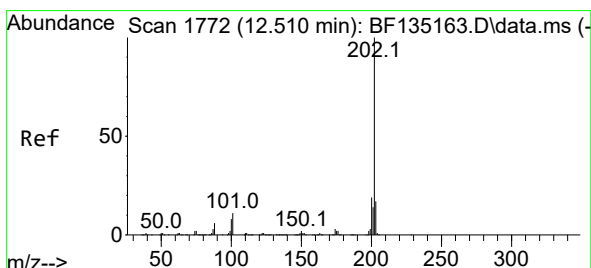
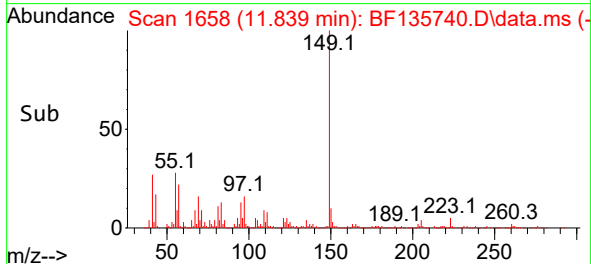
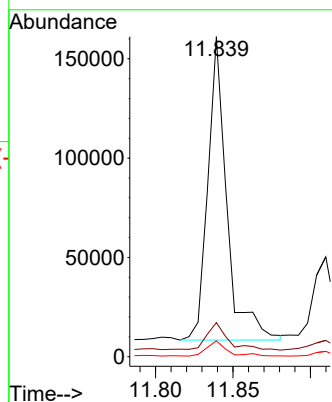
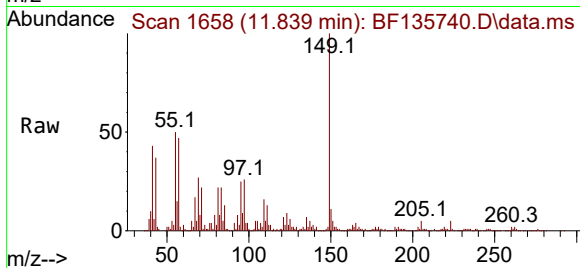
Tgt Ion:149 Resp: 129883

Ion Ratio Lower Upper

149 100

150 10.6 7.4 11.0

104 5.0 3.6 5.4



#75

Fluoranthene

Concen: 9.142 ng

RT: 12.504 min Scan# 1771

Delta R.T. 0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

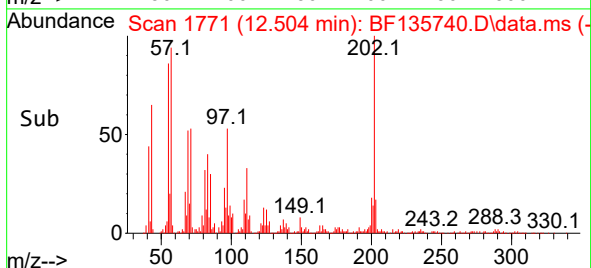
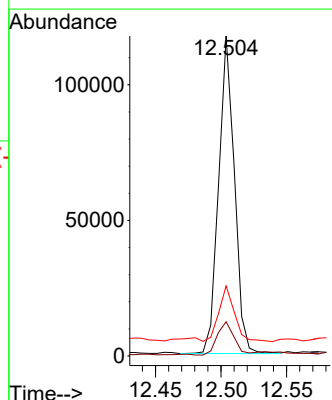
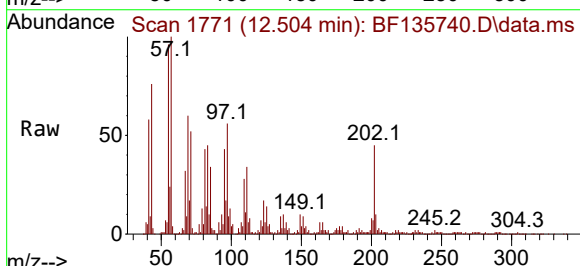
Tgt Ion:202 Resp: 97815

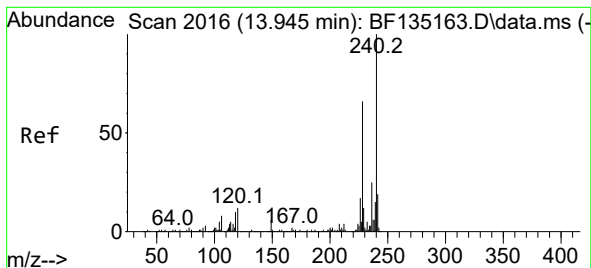
Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.3

203 21.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.047 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

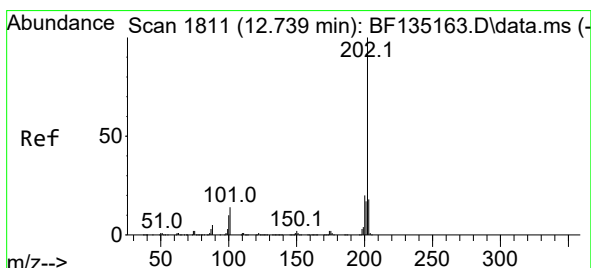
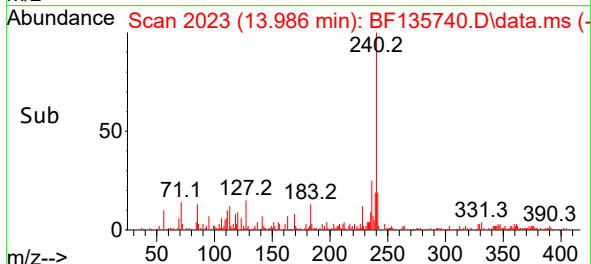
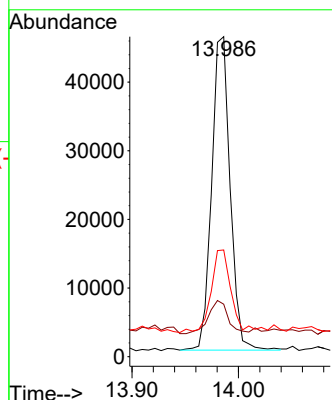
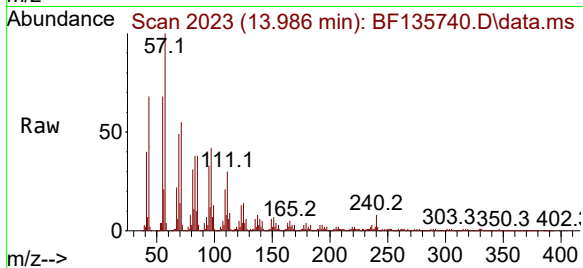
Tgt Ion:240 Resp: 54964

Ion Ratio Lower Upper

240 100

120 16.4 9.4 14.2#

236 33.3 19.8 29.8#



#78

Pyrene

Concen: 13.039 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

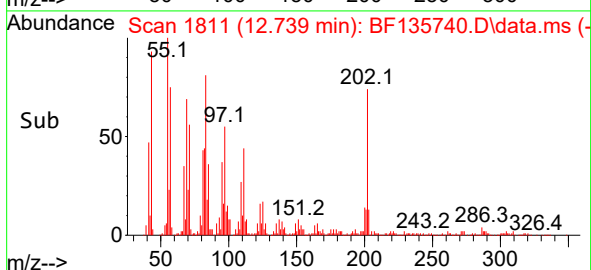
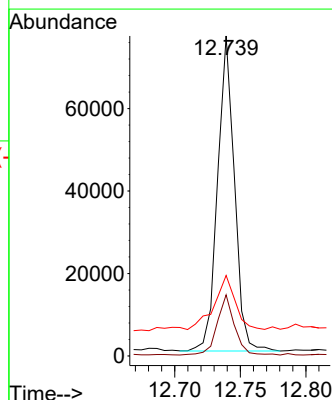
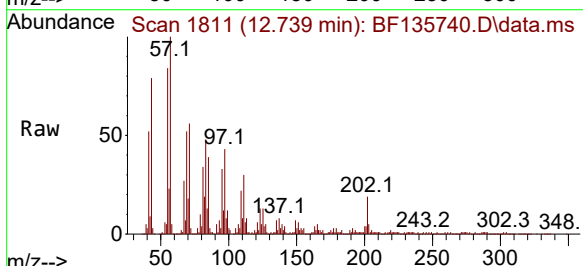
Tgt Ion:202 Resp: 68234

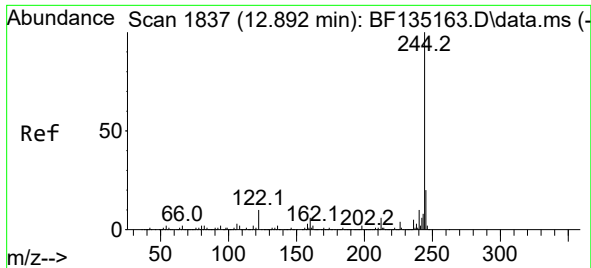
Ion Ratio Lower Upper

202 100

200 19.1 16.2 24.2

203 25.2 14.2 21.4#

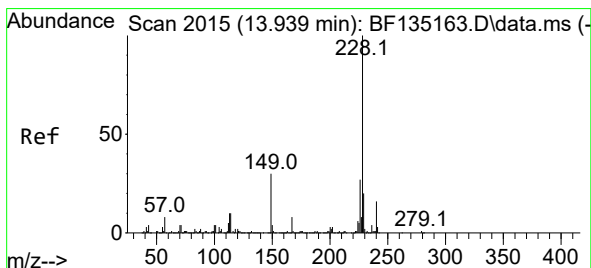
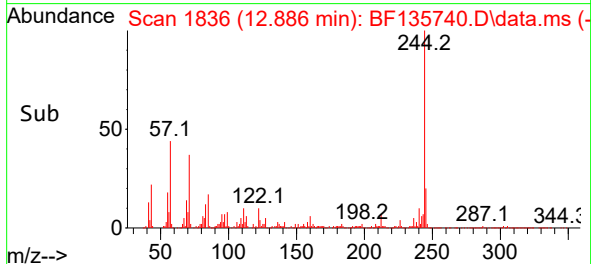
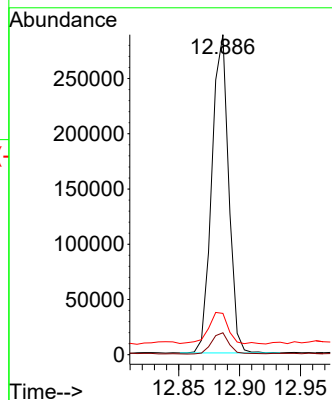
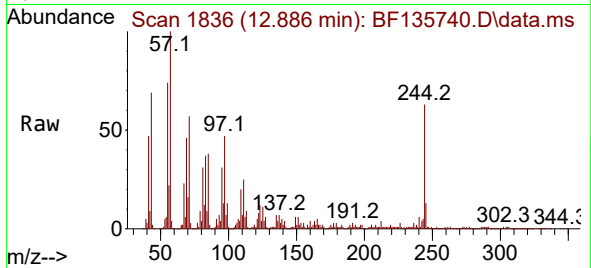




#79
 Terphenyl-d14
 Concen: 78.451 ng
 RT: 12.886 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF135740.D
 Acq: 12 Oct 2023 18:02

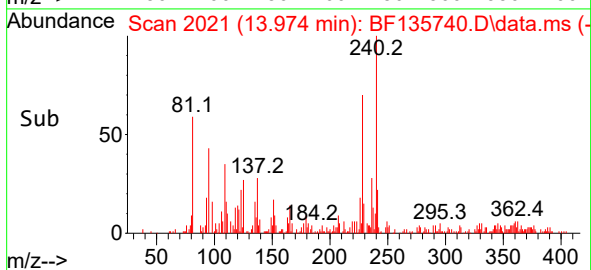
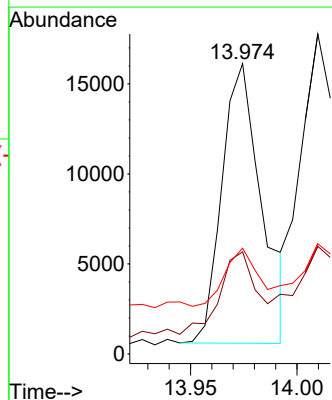
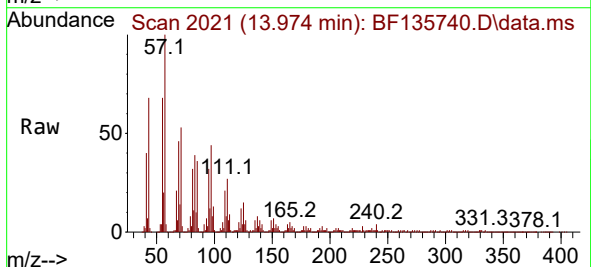
Instrument :
 BNA_F
 ClientSampleId :
 50126-50127-COMP

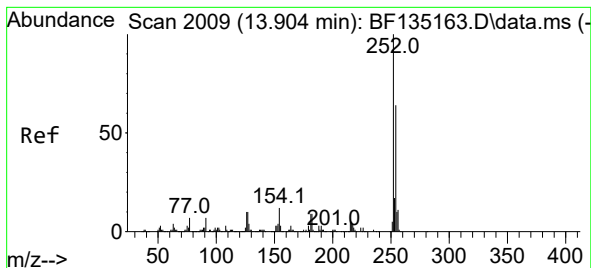
Tgt Ion:244 Resp: 278158
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.9 7.9 11.9#



#81
 Benzo(a)anthracene
 Concen: 5.655 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.047 min
 Lab File: BF135740.D
 Acq: 12 Oct 2023 18:02

Tgt Ion:228 Resp: 20072
 Ion Ratio Lower Upper
 228 100
 226 35.2 21.7 32.5#
 229 36.4 15.8 23.8#





#82

3,3'-Dichlorobenzidine

Concen: 2.347 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.065 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

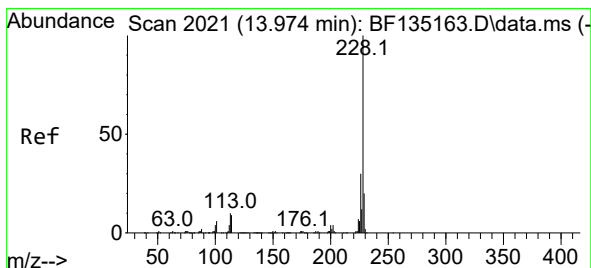
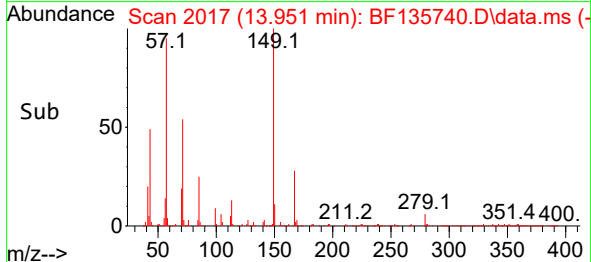
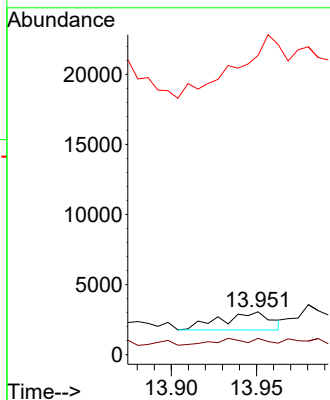
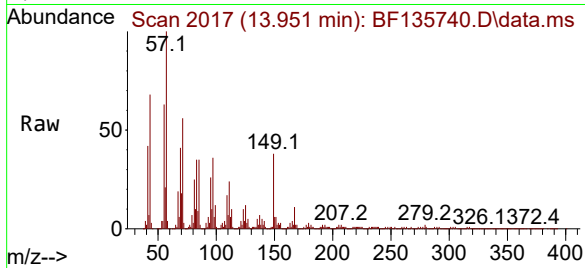
Tgt Ion:252 Resp: 2602

Ion Ratio Lower Upper

252 100

254 38.0 51.0 76.4#

126 698.7 7.8 11.8#



#83

Chrysene

Concen: 5.795 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.047 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

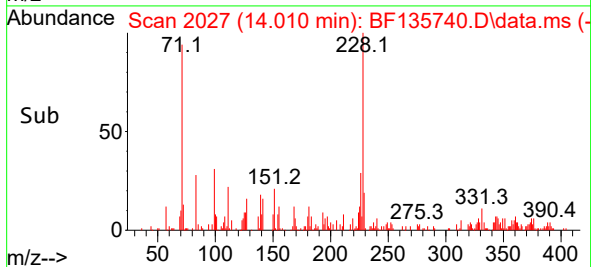
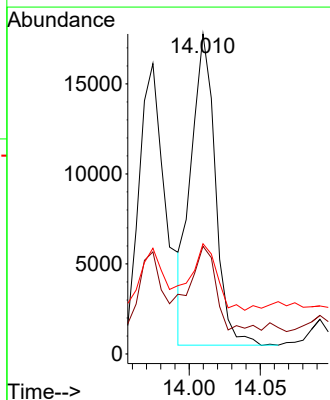
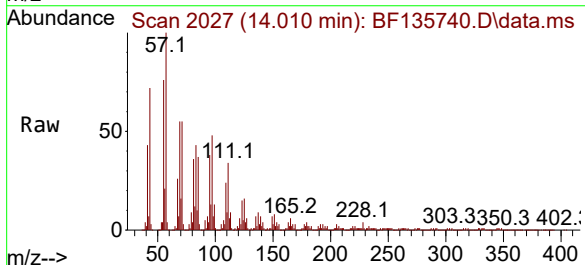
Tgt Ion:228 Resp: 20449

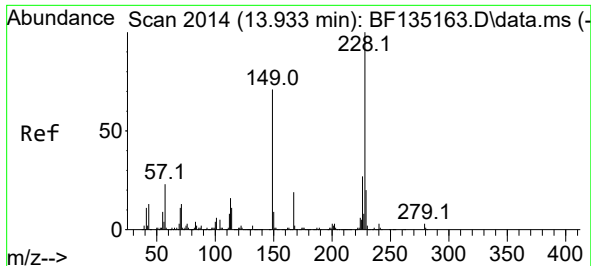
Ion Ratio Lower Upper

228 100

226 33.7 24.3 36.5

229 34.4 16.0 24.0#

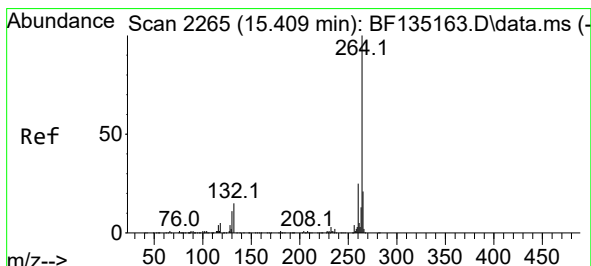
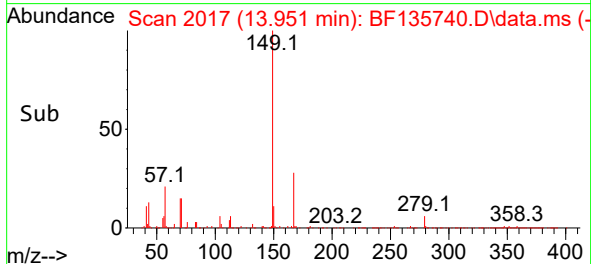
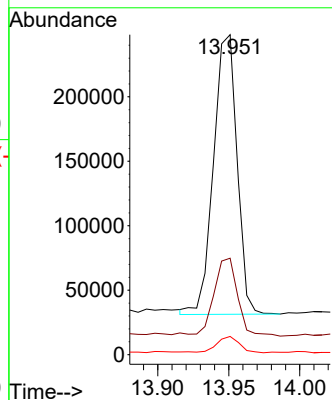
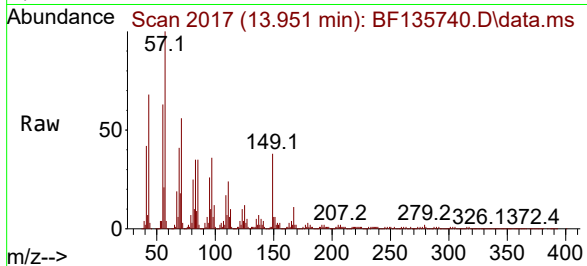




#84
Bis(2-ethylhexyl)phthalate
Concen: 131.900 ng
RT: 13.951 min Scan# 20
Delta R.T. 0.041 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

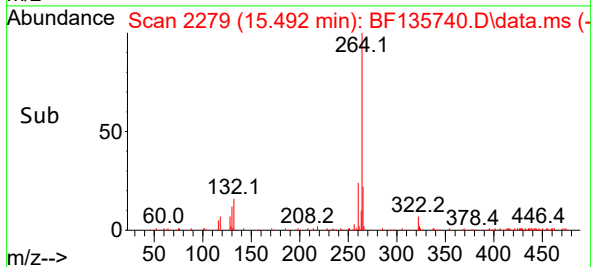
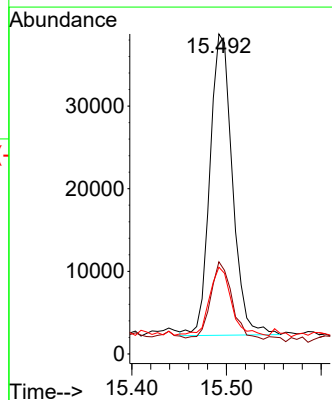
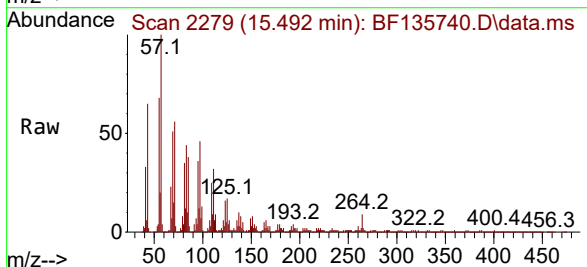
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

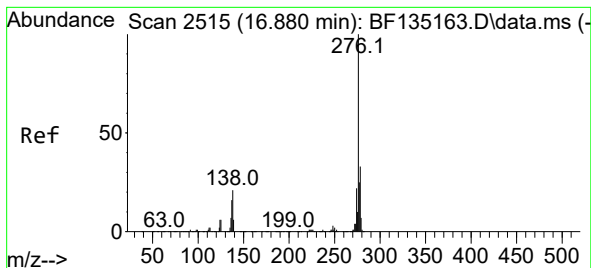
Tgt Ion:149 Resp: 249380
Ion Ratio Lower Upper
149 100
167 30.2 21.9 32.9
279 5.7 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.088 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:264 Resp: 59999
Ion Ratio Lower Upper
264 100
260 28.8 19.8 29.6
265 27.1 17.0 25.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.866 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

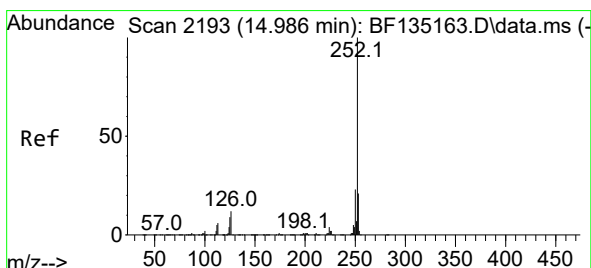
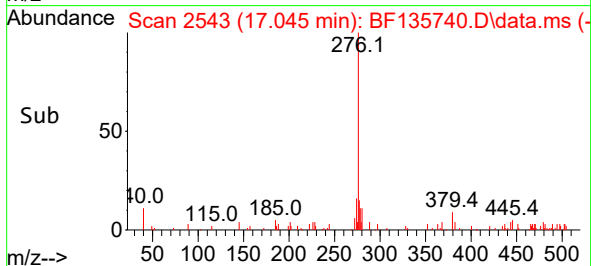
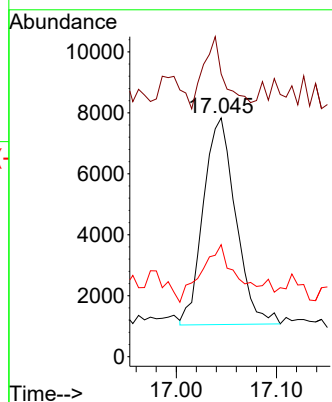
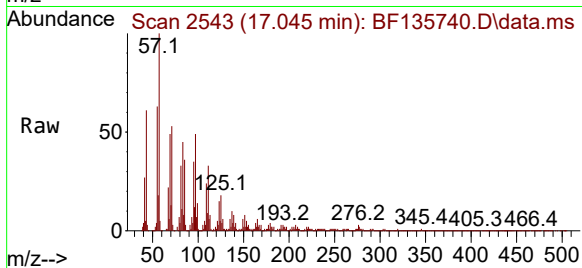
Tgt Ion:276 Resp: 15207

Ion Ratio Lower Upper

276 100

138 22.9 19.2 28.8

277 33.3 19.7 29.5#



#88

Benzo(b)fluoranthene

Concen: 11.612 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.071 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

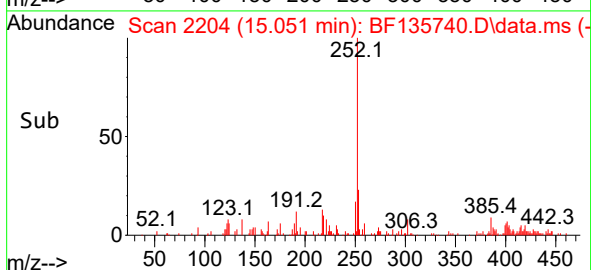
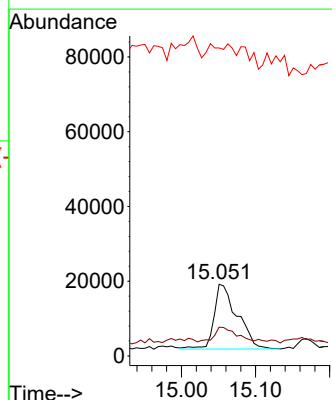
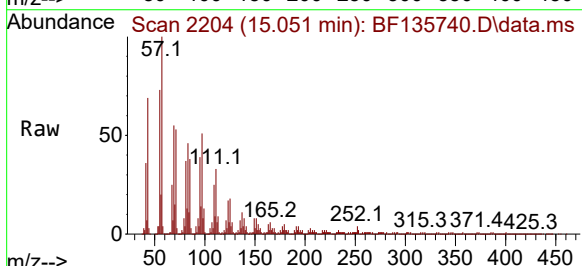
Tgt Ion:252 Resp: 37715

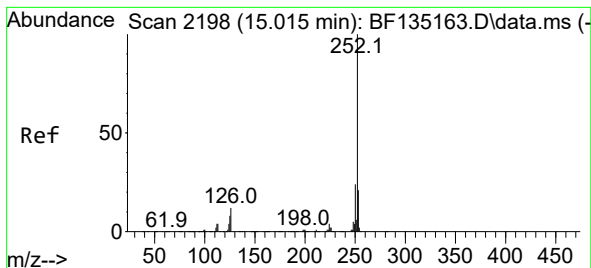
Ion Ratio Lower Upper

252 100

253 40.1 17.2 25.8#

125 430.2 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 11.755 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

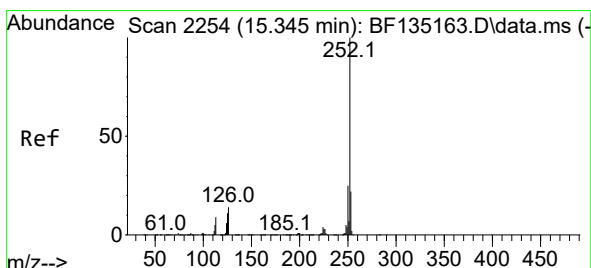
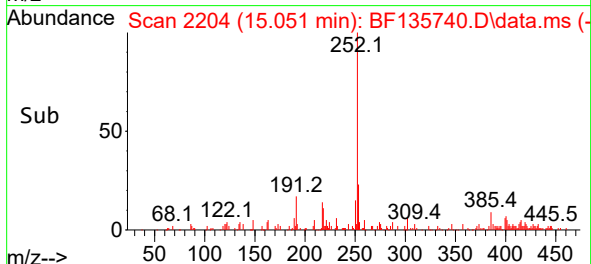
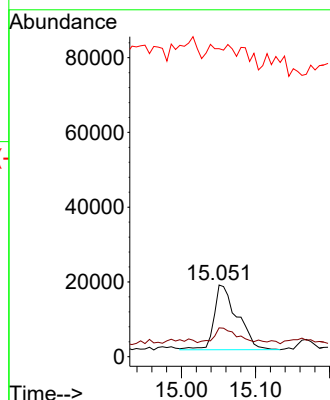
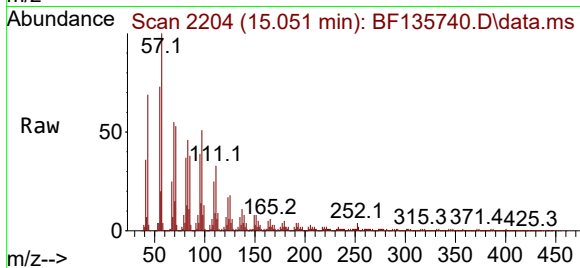
Tgt Ion:252 Resp: 37715

Ion Ratio Lower Upper

252 100

253 40.1 17.4 26.0#

125 430.2 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 5.390 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.088 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Tgt Ion:252 Resp: 16694

Ion Ratio Lower Upper

252 100

253 36.8 17.5 26.3#

125 525.2 9.2 13.8#

