

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135227.D
 Acq On : 13 Sep 2023 17:36
 Operator : CG\JU
 Sample : 04363-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11940

Quant Time: Sep 13 18:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

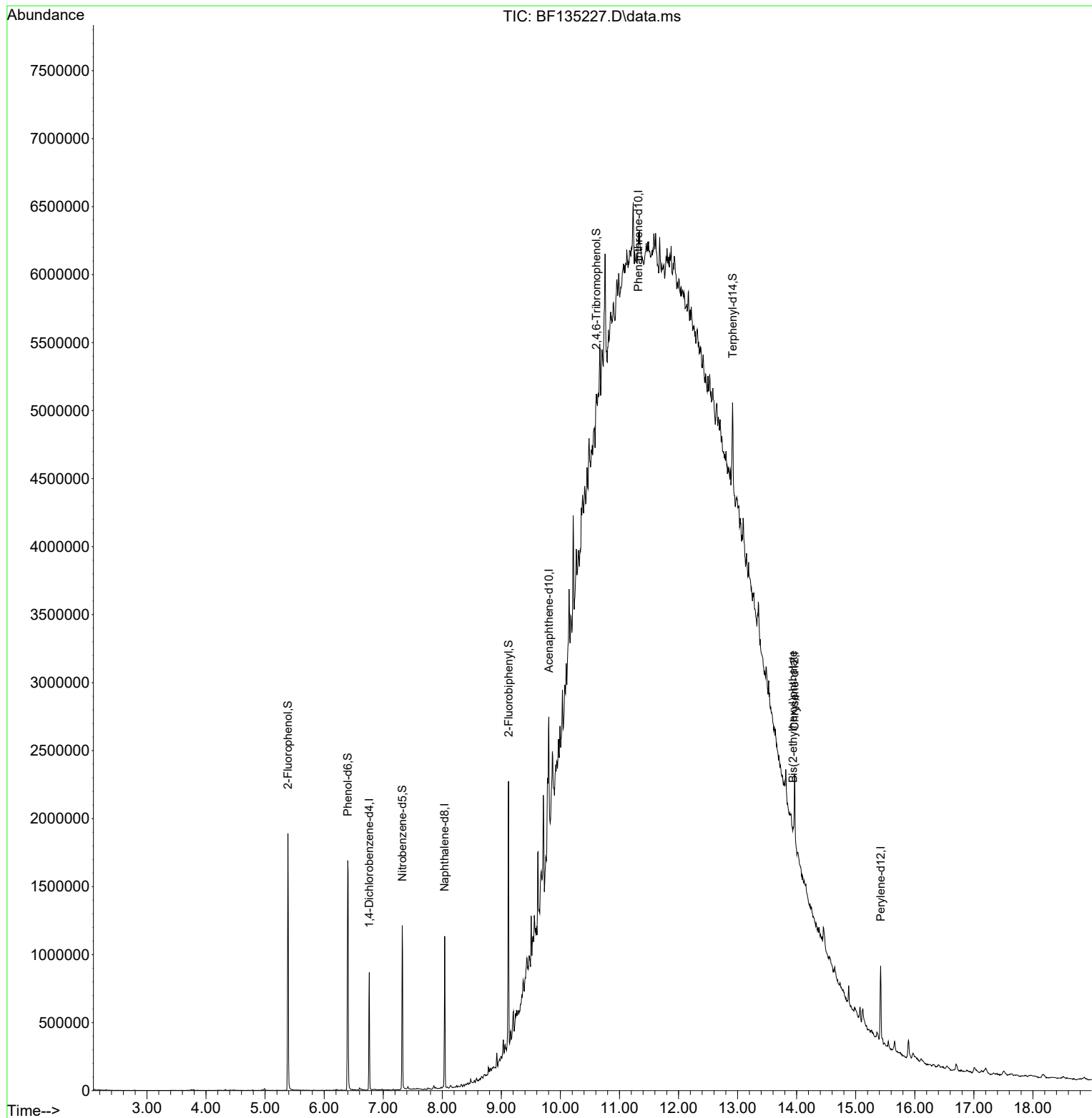
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	118412	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	418485	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	150577	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	133193	20.000	ng	# 0.03
76) Chrysene-d12	13.963	240	194197	20.000	ng	# 0.02
86) Perylene-d12	15.421	264	265346	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	465123	63.887	ng	0.00
7) Phenol-d6	6.398	99	582207	62.891	ng	0.00
23) Nitrobenzene-d5	7.322	82	357908	46.465	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	75475	50.439	ng	0.01
45) 2-Fluorobiphenyl	9.122	172	573589	57.471	ng	0.00
79) Terphenyl-d14	12.916	244	358105	28.586	ng	0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.939	149	22188	3.322	ng	# 81

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

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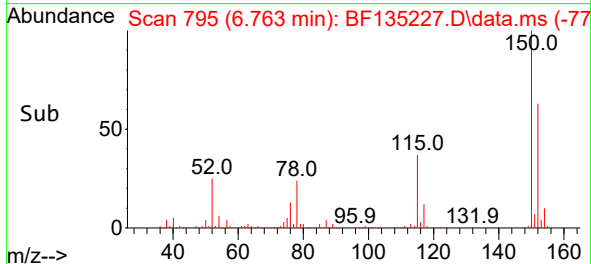
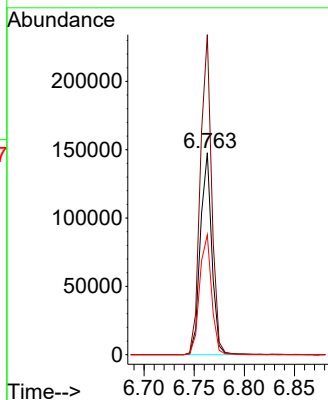
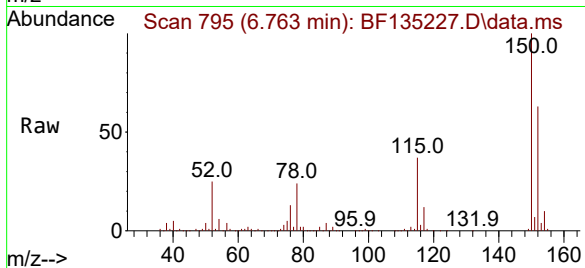




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

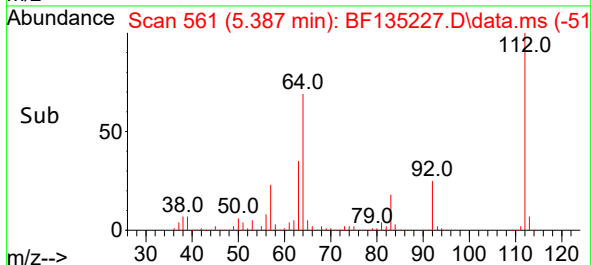
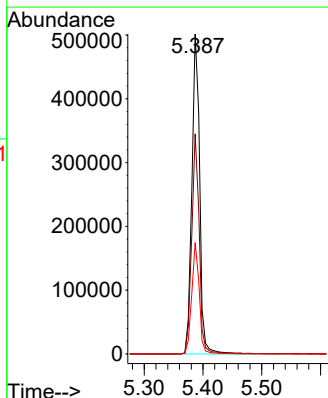
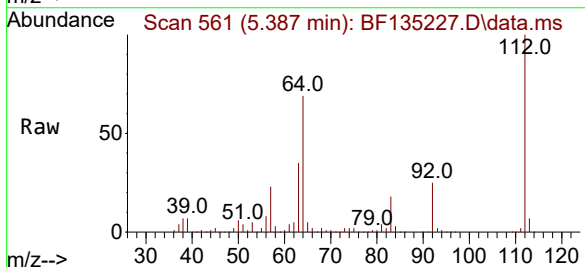
Instrument :
BNA_F
ClientSampleId :
72-11940

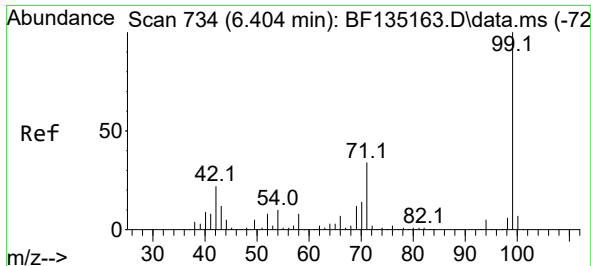
Tgt Ion:152 Resp: 118412
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 63.887 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:112 Resp: 465123
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 34.8 29.0 43.6

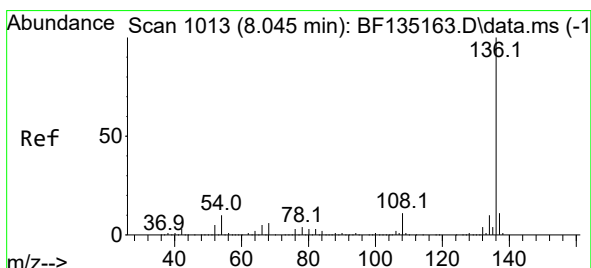
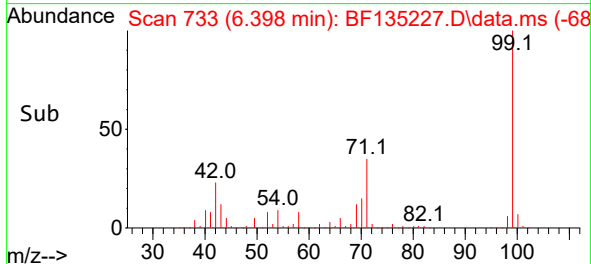
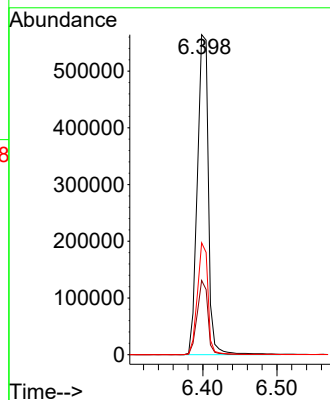
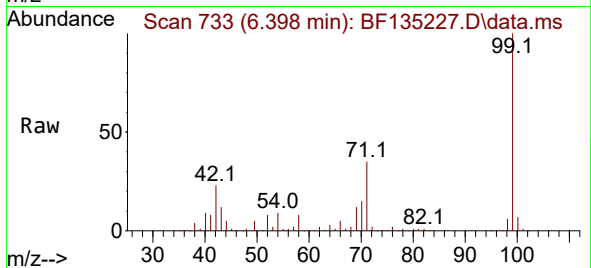




#7
Phenol-d6
Concen: 62.891 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

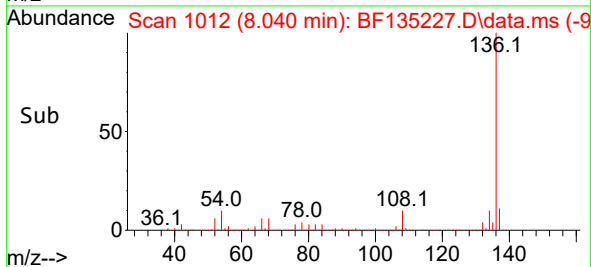
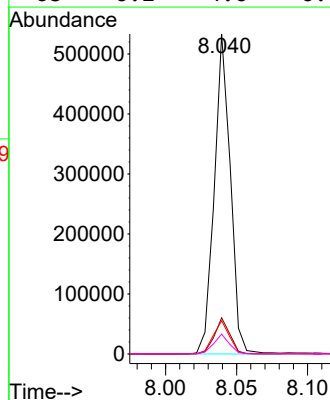
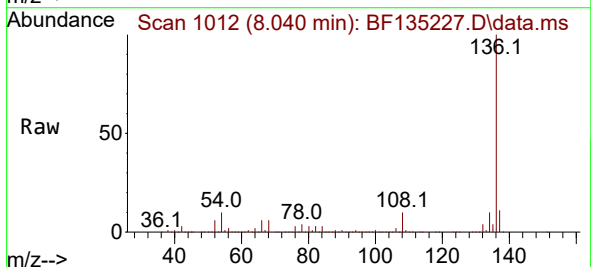
Instrument :
BNA_F
ClientSampleId :
72-11940

Tgt Ion: 99 Resp: 582207
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion: 136 Resp: 418485
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.4 7.7 11.5
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 46.465 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

72-11940

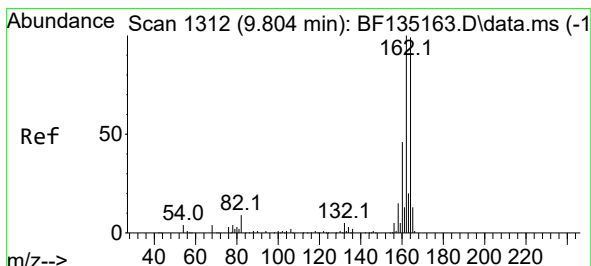
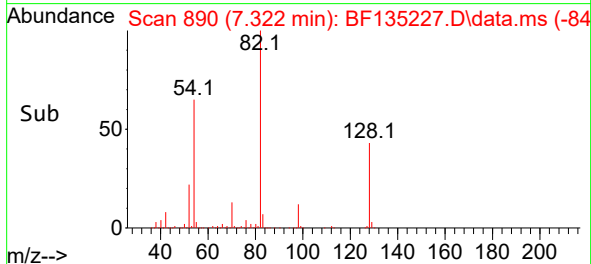
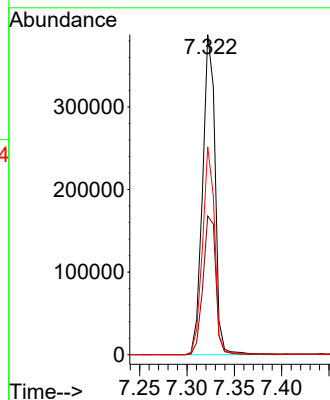
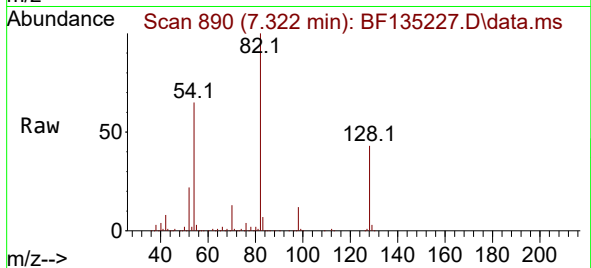
Tgt Ion: 82 Resp: 357908

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 65.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

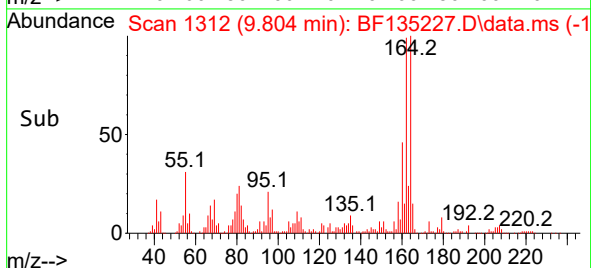
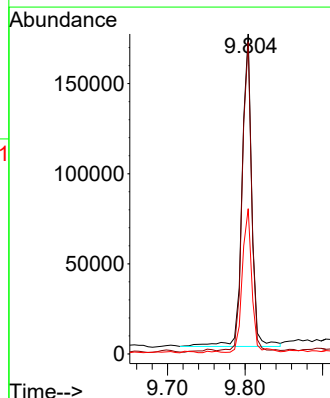
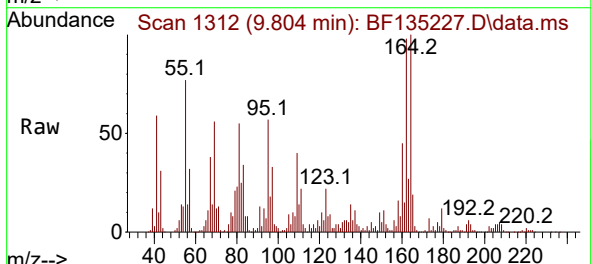
Tgt Ion: 164 Resp: 150577

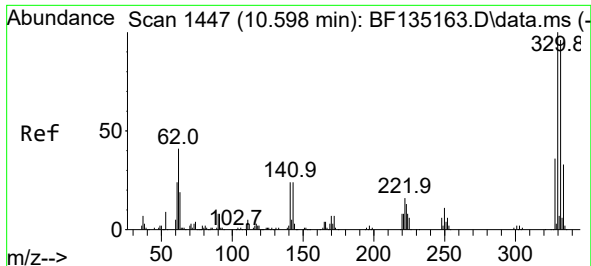
Ion Ratio Lower Upper

164 100

162 97.5 81.0 121.4

160 45.4 37.0 55.4

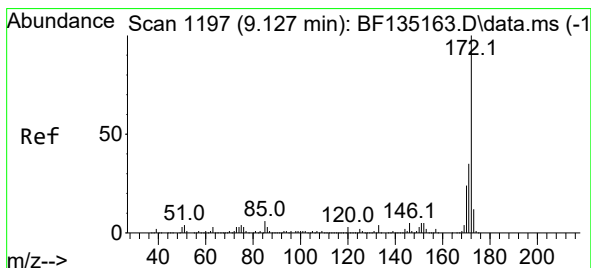
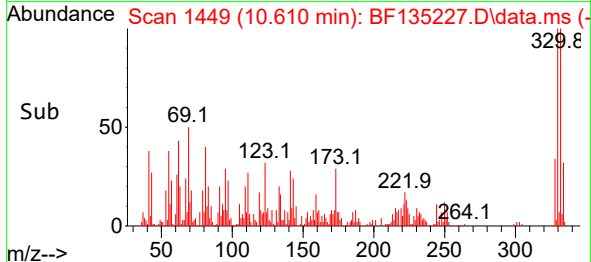
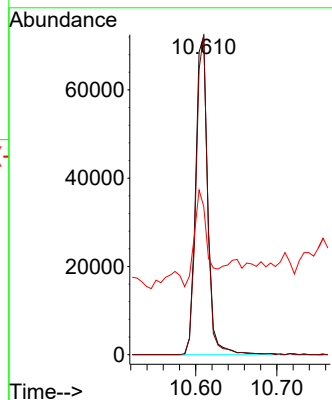
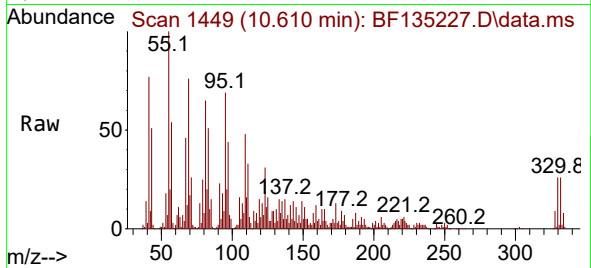




#42
2,4,6-Tribromophenol
Concen: 50.439 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

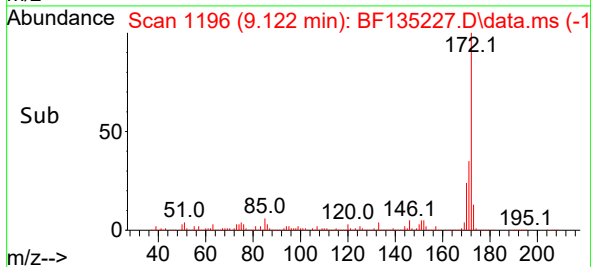
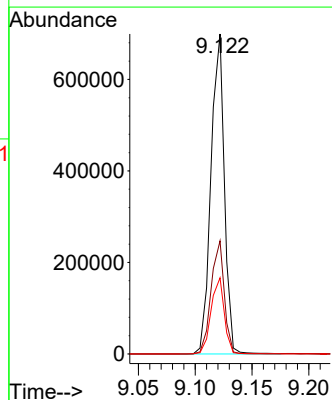
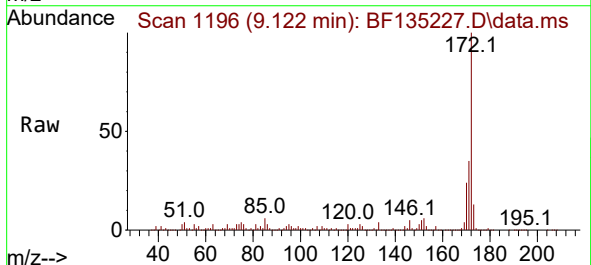
Instrument :
BNA_F
ClientSampleId :
72-11940

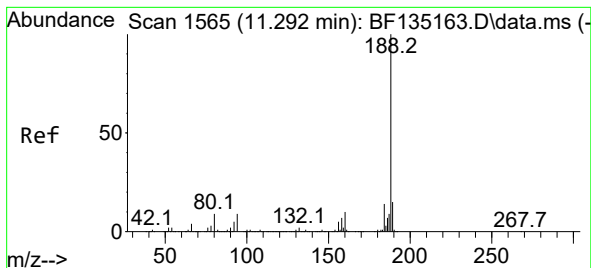
Tgt Ion:330 Resp: 75475
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 57.471 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:172 Resp: 573589
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

72-11940

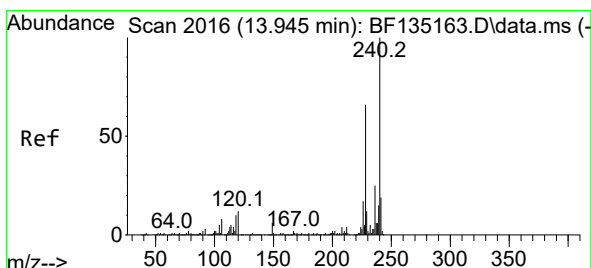
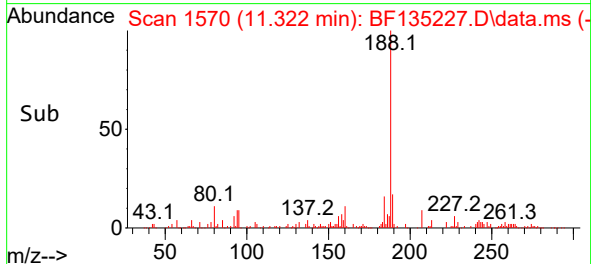
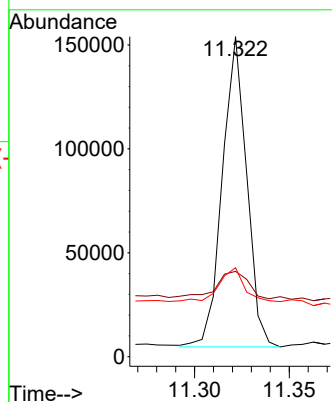
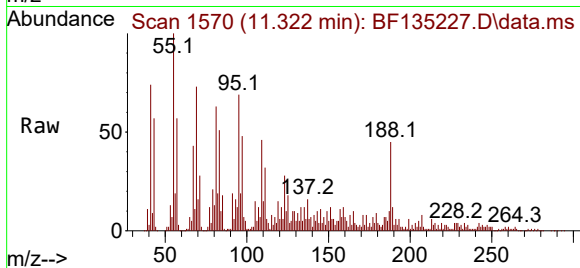
Tgt Ion:188 Resp: 133193

Ion Ratio Lower Upper

188 100

94 26.7 7.0 10.6#

80 27.8 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

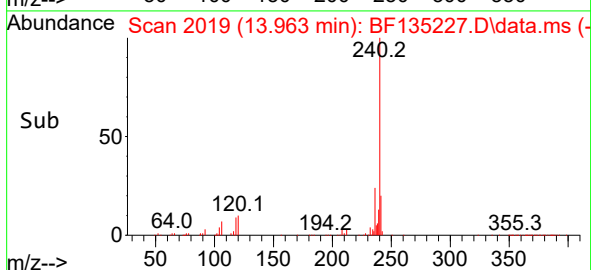
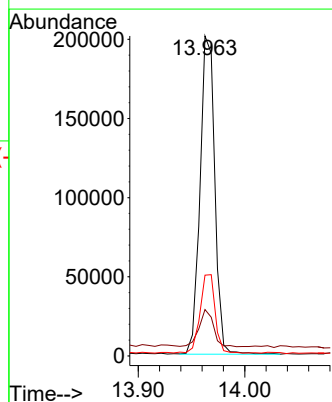
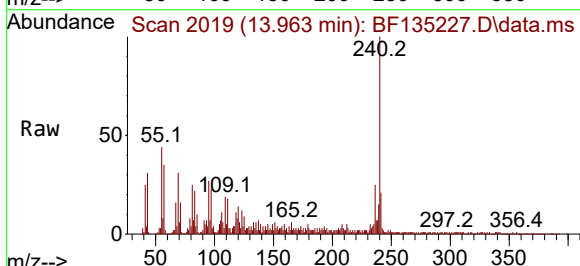
Tgt Ion:240 Resp: 194197

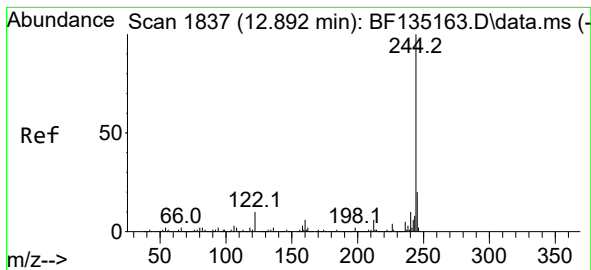
Ion Ratio Lower Upper

240 100

120 14.5 9.4 14.2#

236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 28.586 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

72-11940

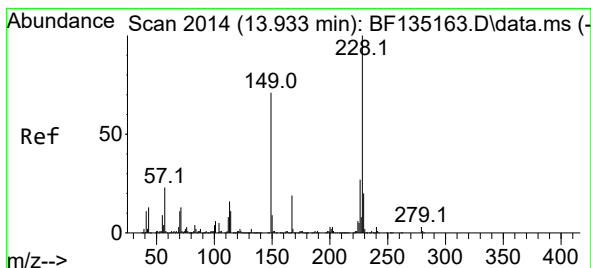
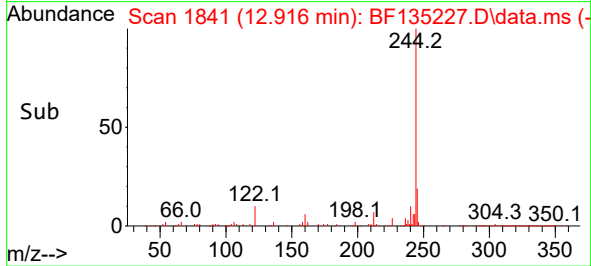
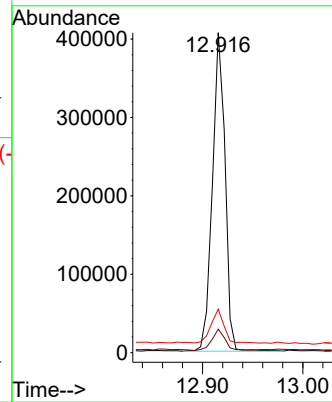
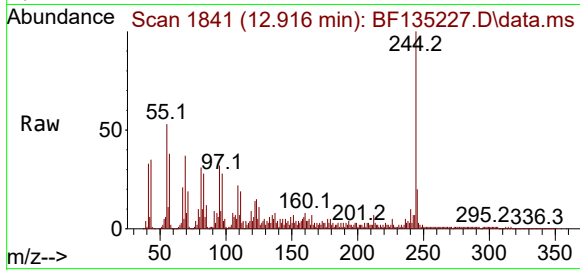
Tgt Ion:244 Resp: 358105

Ion Ratio Lower Upper

244 100

212 7.3 5.1 7.7

122 13.6 7.9 11.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.322 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

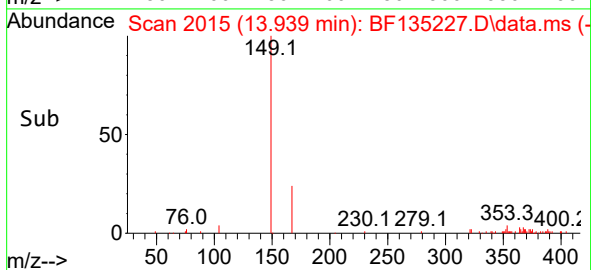
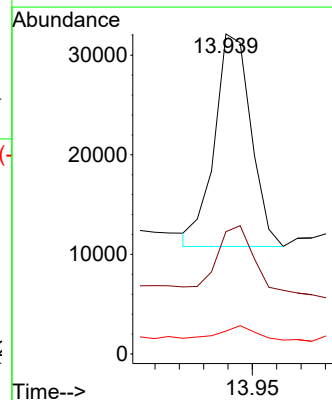
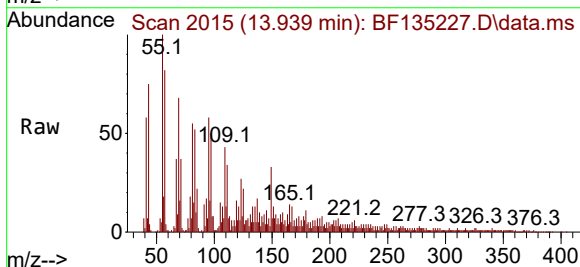
Tgt Ion:149 Resp: 22188

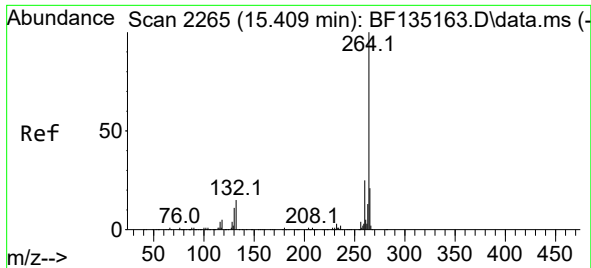
Ion Ratio Lower Upper

149 100

167 38.2 21.9 32.9#

279 7.1 3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135227.D

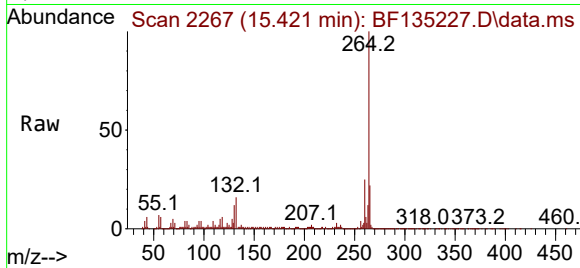
Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 265346

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.2 17.0 25.4

