

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135247.D
 Acq On : 14 Sep 2023 11:28
 Operator : CG\JU
 Sample : PB155361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BL

Quant Time: Sep 15 01:05:28 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	115872	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	445119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	236615	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	478649	20.000	ng	0.00
76) Chrysene-d12	13.945	240	264407	20.000	ng	0.00
86) Perylene-d12	15.416	264	242573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	955181	134.075	ng	0.02
7) Phenol-d6	6.410	99	1192096	131.594	ng	0.00
23) Nitrobenzene-d5	7.328	82	765505	93.434	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	339100	144.213	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1374844	87.664	ng	0.00
79) Terphenyl-d14	12.892	244	1560049	91.464	ng	0.00

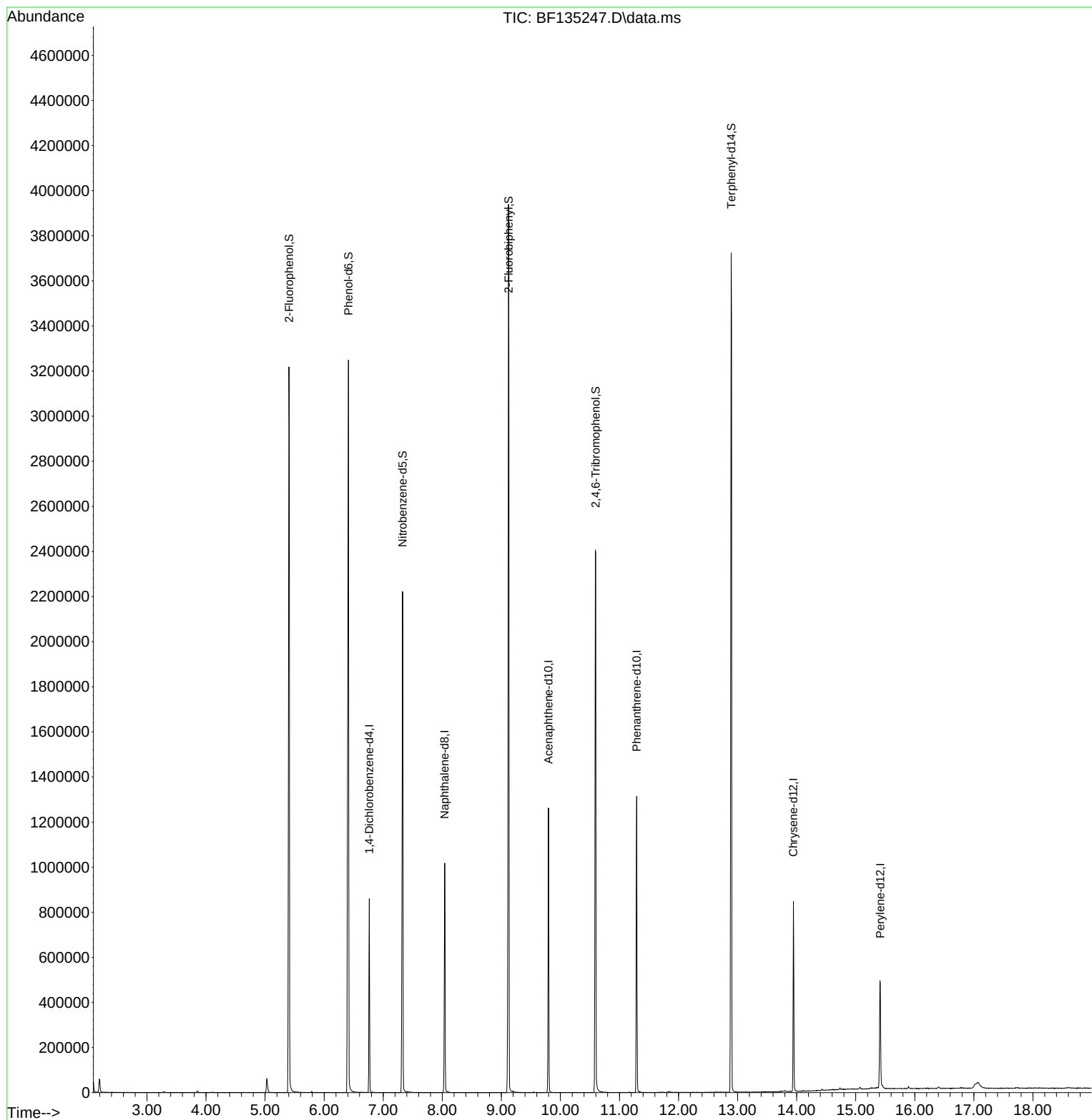
Target Compounds	Qvalue

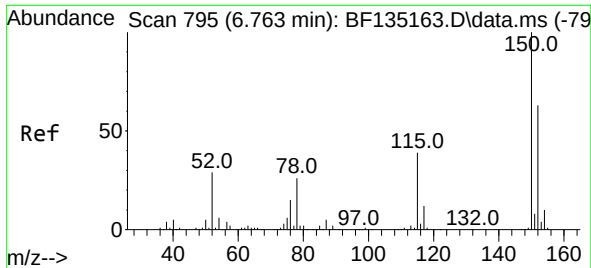
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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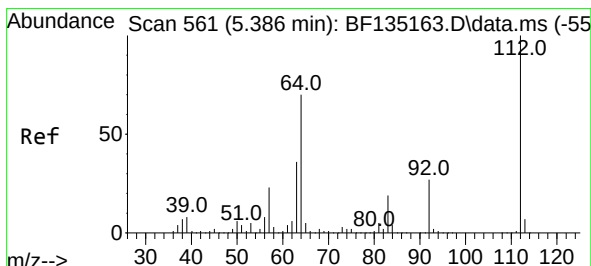
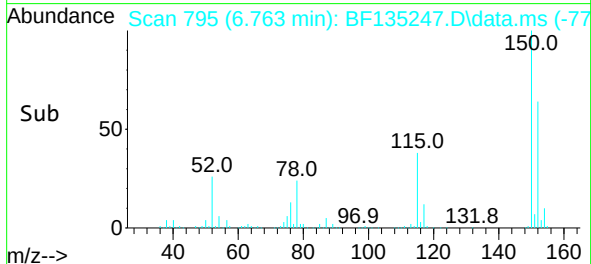
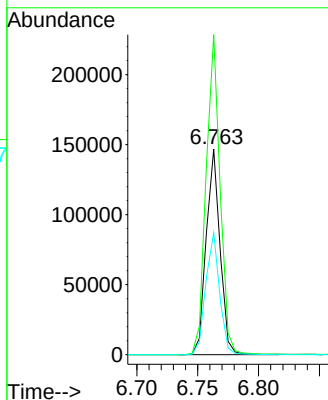
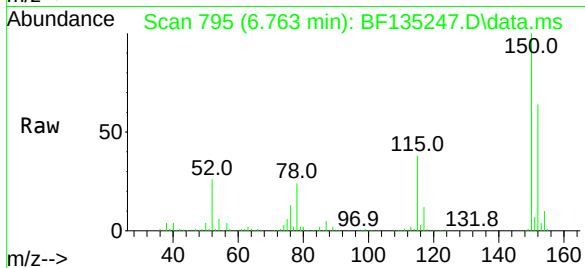




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

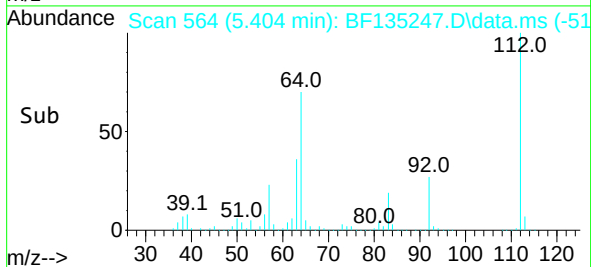
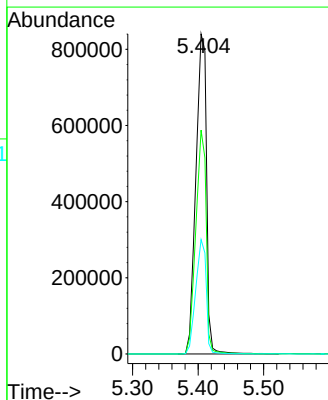
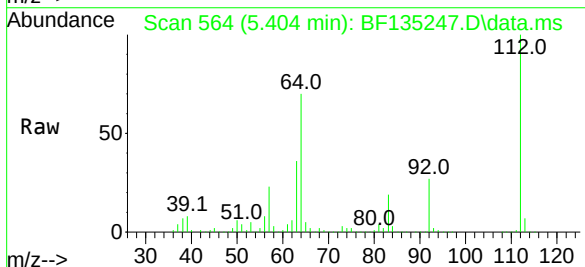
Instrument :
BNA_F
ClientSampleId :
PB155361BL

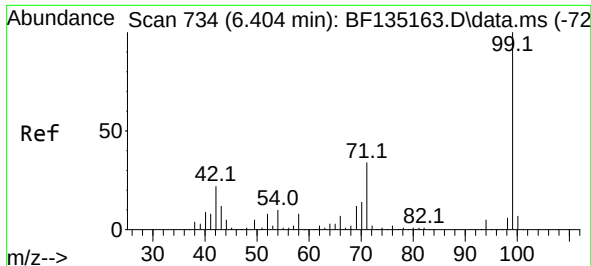
Tgt Ion:152 Resp: 115872
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 134.075 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:112 Resp: 955181
Ion Ratio Lower Upper
112 100
64 69.9 55.9 83.9
63 35.8 29.0 43.6



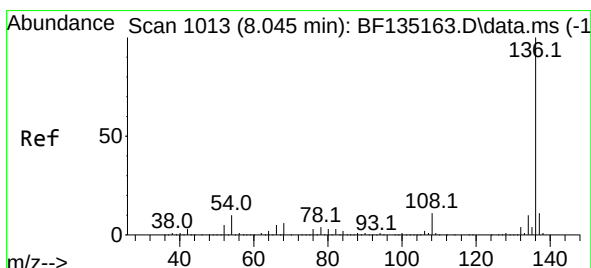
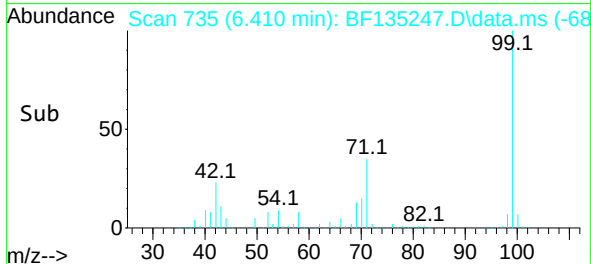
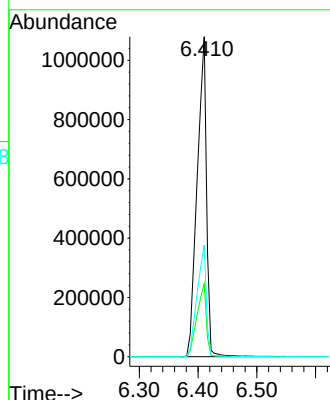
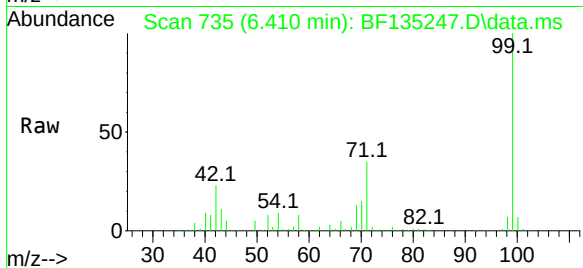


#7
Phenol-d6
Concen: 131.594 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB155361BL

Tgt Ion: 99 Resp: 1192096

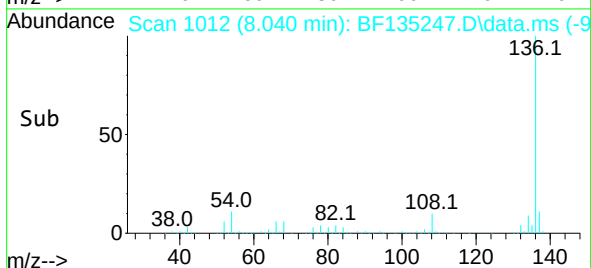
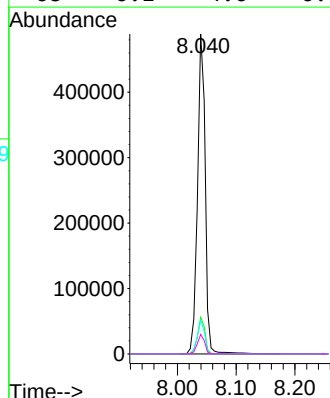
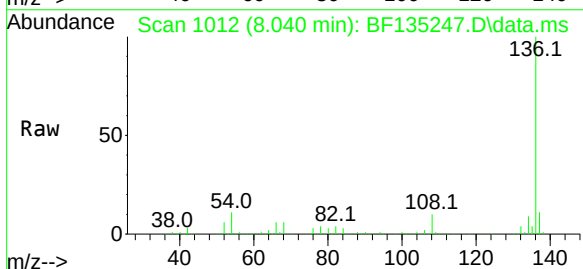
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	34.9	27.0	40.6

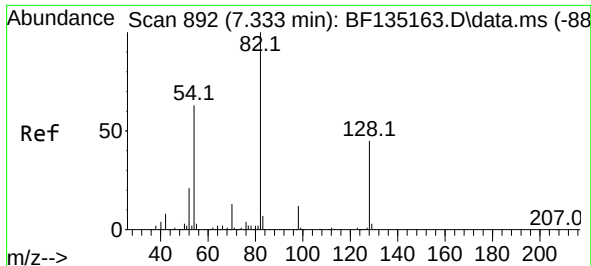


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion: 136 Resp: 445119

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.5	7.7	11.5
68	6.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 93.434 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB155361BL

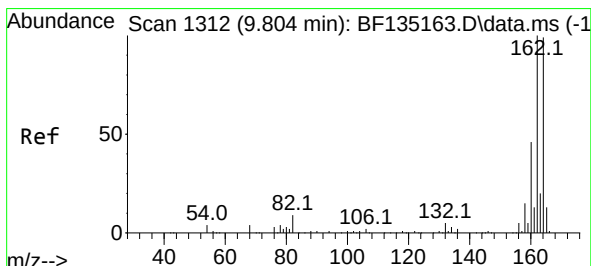
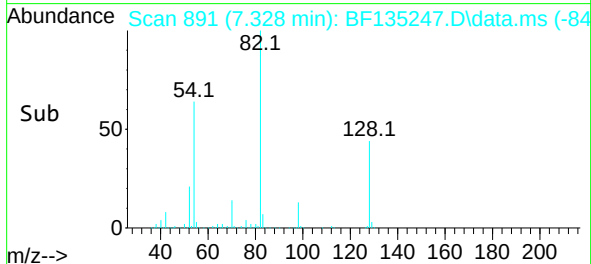
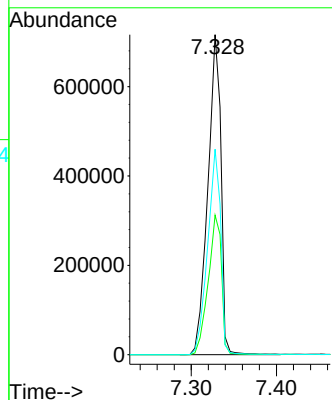
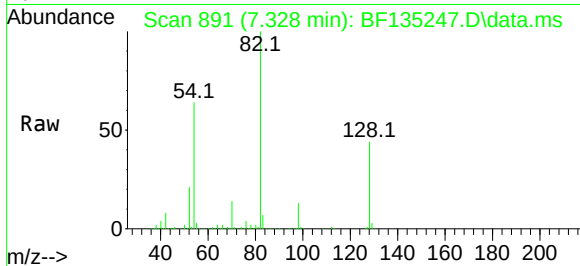
Tgt Ion: 82 Resp: 765505

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 64.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

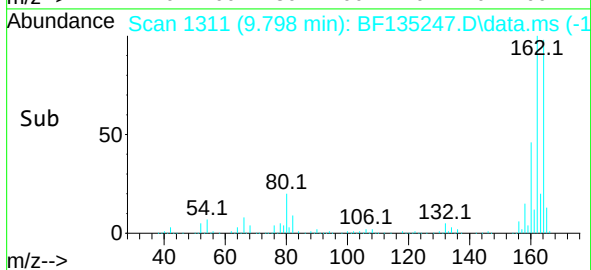
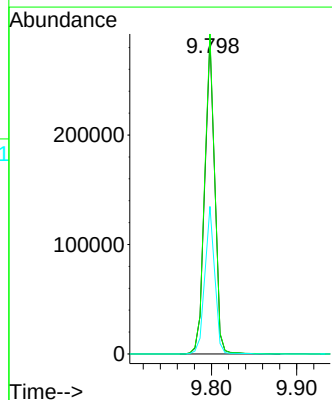
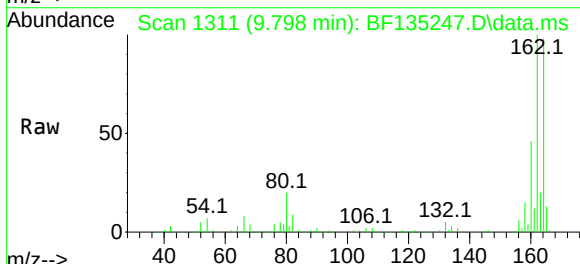
Tgt Ion: 164 Resp: 236615

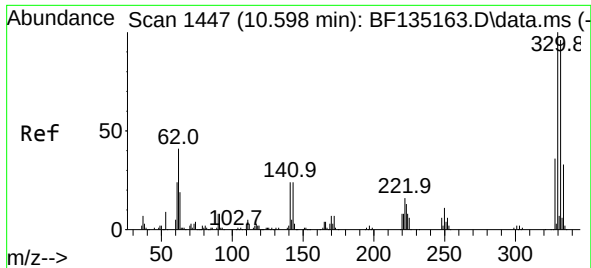
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

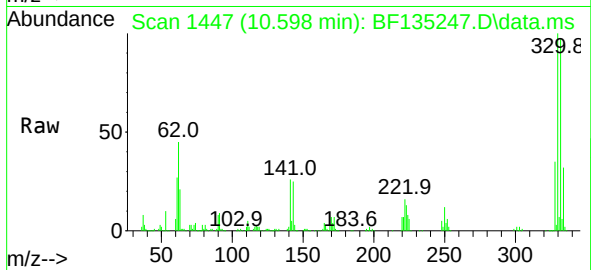
160 46.8 37.0 55.4



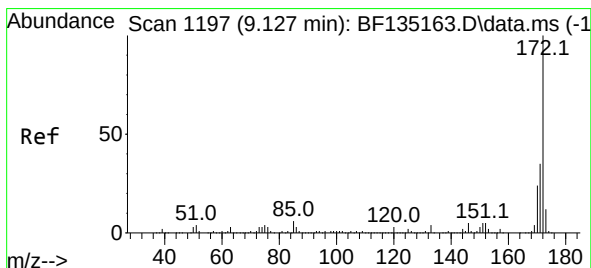
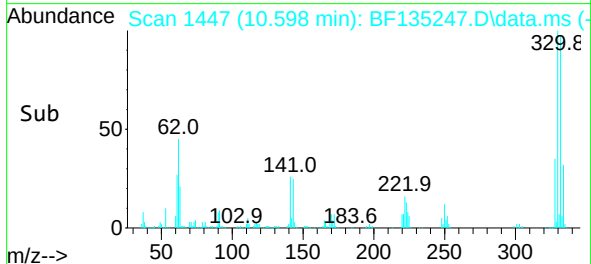
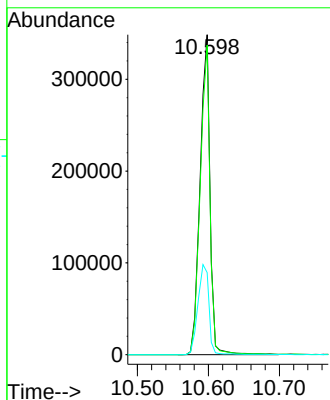


#42
2,4,6-Tribromophenol
Concen: 144.213 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB155361BL

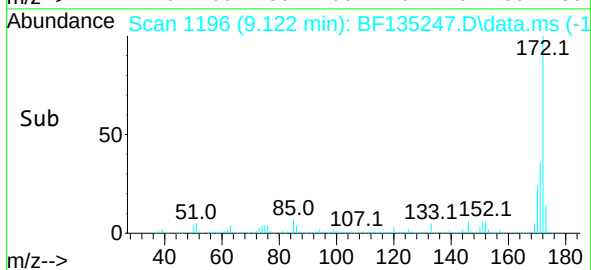
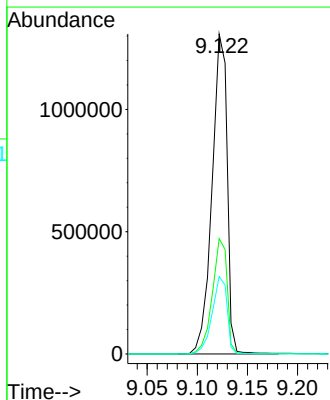
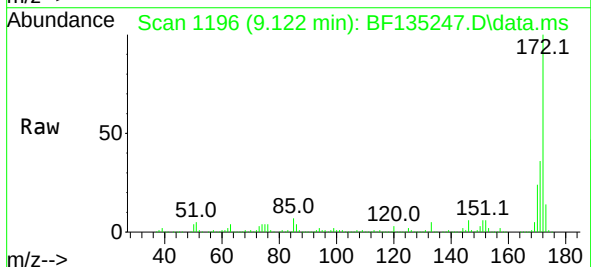


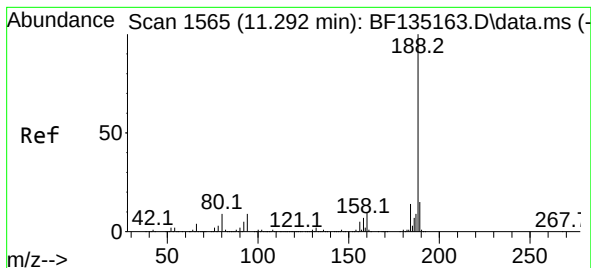
Tgt Ion:330 Resp: 339100
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.664 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:172 Resp: 1374844
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB155361BL

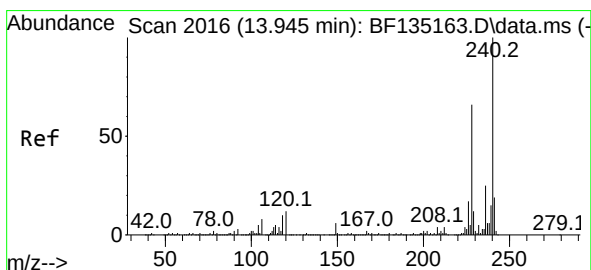
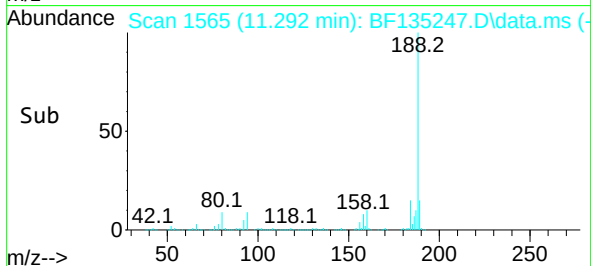
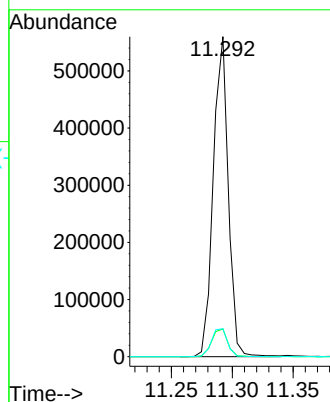
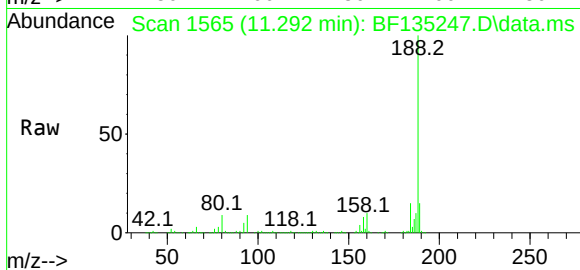
Tgt Ion:188 Resp: 478649

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 8.8 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: BF135247.D

Acq: 14 Sep 2023 11:28

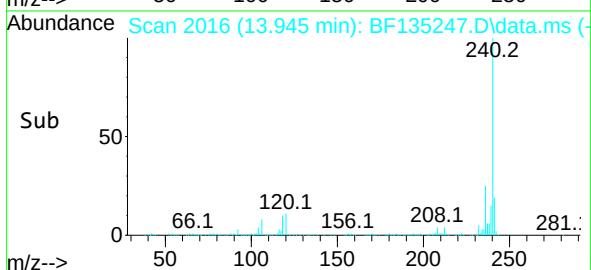
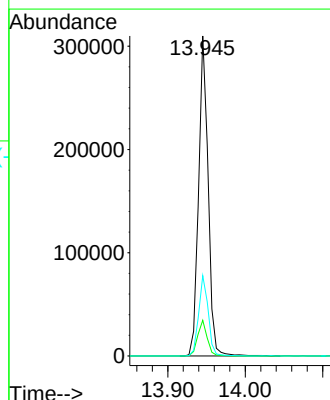
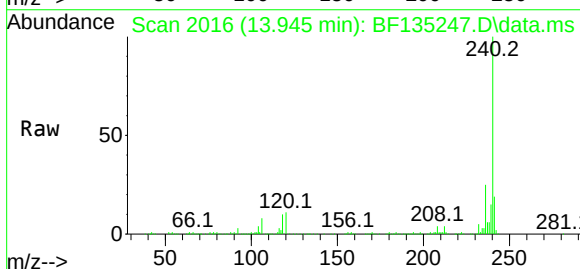
Tgt Ion:240 Resp: 264407

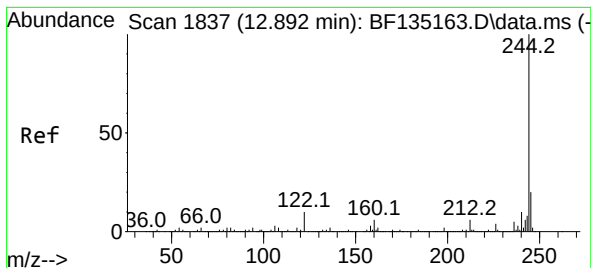
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 91.464 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB155361BL

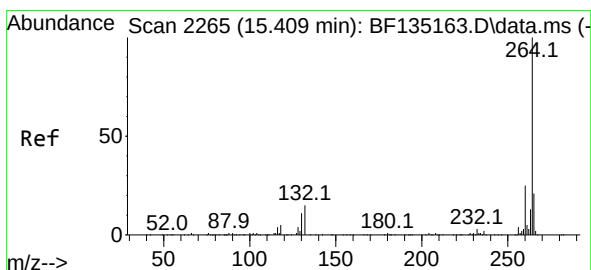
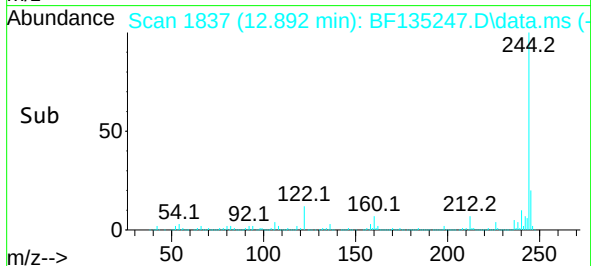
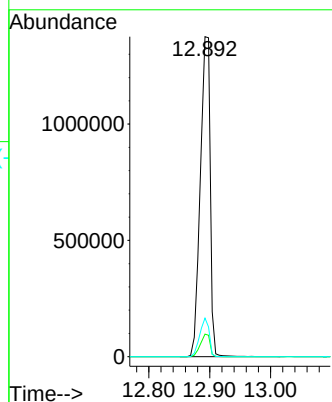
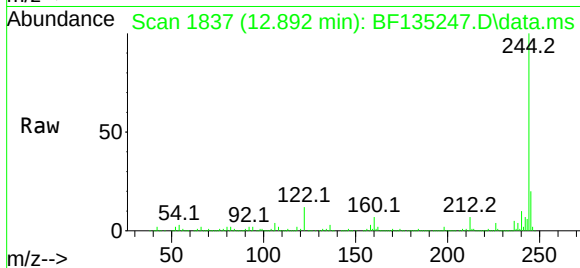
Tgt Ion:244 Resp: 1560049

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.0 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

Tgt Ion:264 Resp: 242573

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.8 17.0 25.4

