

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135171.D
 Acq On : 12 Sep 2023 09:24
 Operator : CG\JU
 Sample : PB155443BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BL

Quant Time: Sep 13 01:58:12 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	141160	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	547523	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	282414	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	553936	20.000	ng	0.00
76) Chrysene-d12	13.945	240	352415	20.000	ng	0.00
86) Perylene-d12	15.404	264	307535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	836956	96.434	ng	0.01
7) Phenol-d6	6.404	99	1070317	96.985	ng	0.00
23) Nitrobenzene-d5	7.328	82	667145	66.199	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	286716	102.161	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1197103	63.952	ng	0.00
79) Terphenyl-d14	12.892	244	1336755	58.801	ng	0.00

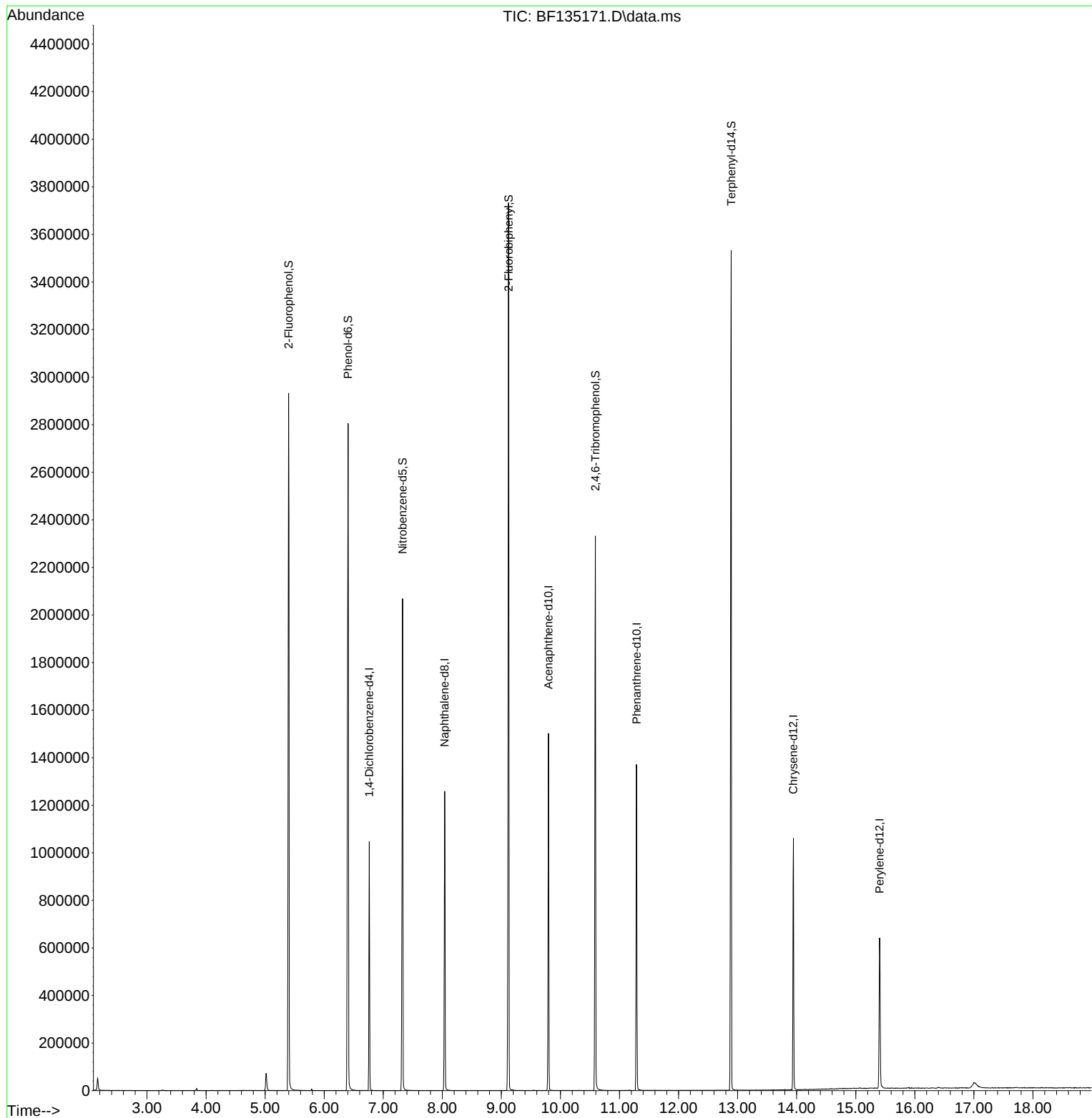
Target Compounds	Qvalue

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

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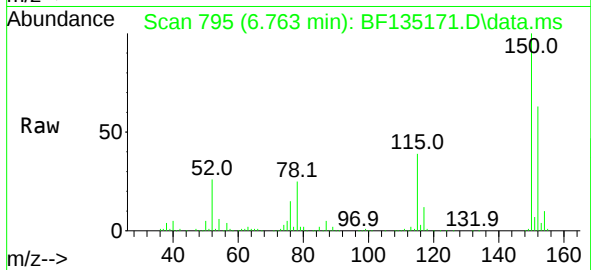
Quant Time: Sep 13 01:58:12 2023
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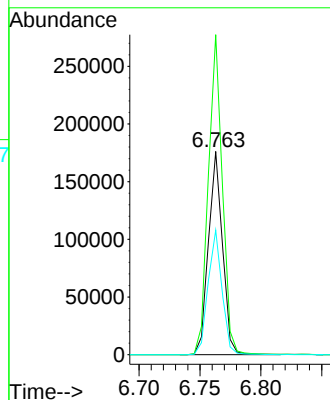
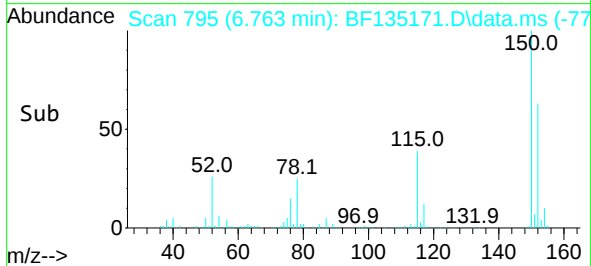


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

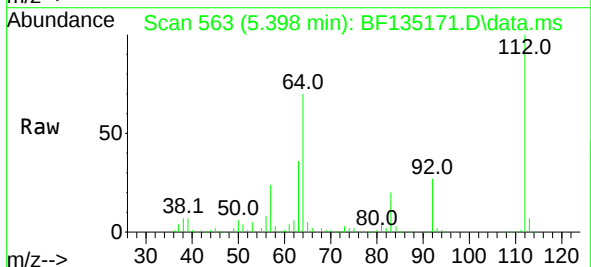
Instrument :
BNA_F
ClientSampleId :
PB155443BL



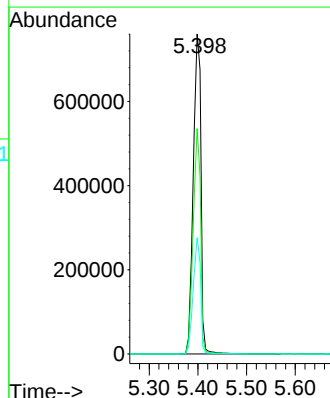
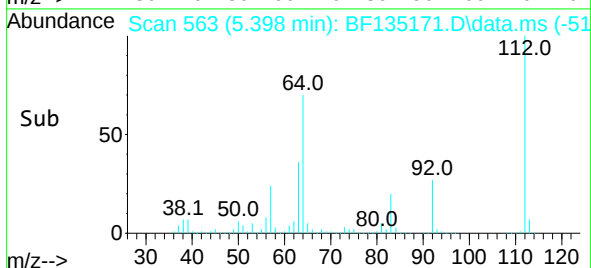
Tgt Ion:152 Resp: 141160
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 61.3 49.8 74.8



#5
2-Fluorophenol
Concen: 96.434 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24



Tgt Ion:112 Resp: 836956
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 36.3 29.0 43.6





#7

Phenol-d6

Concen: 96.985 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Instrument :

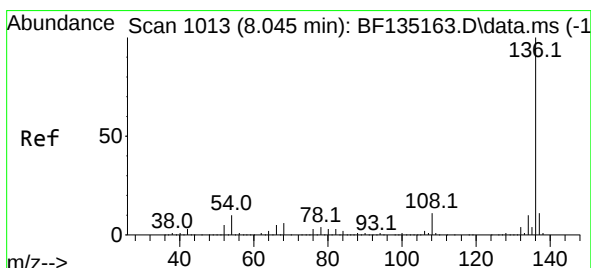
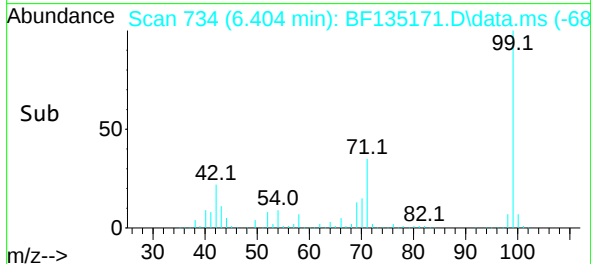
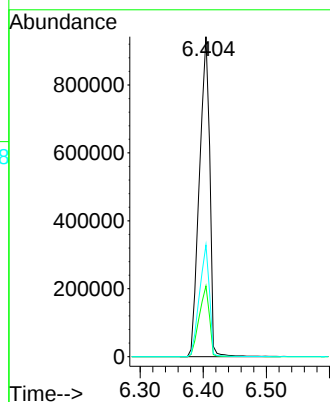
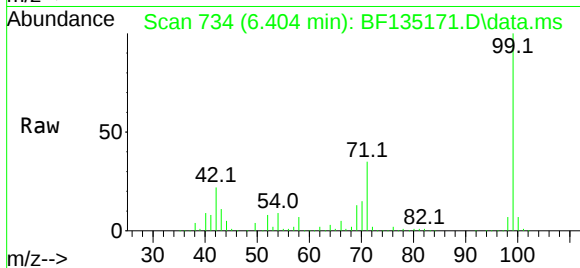
BNA_F

ClientSampleId :

PB155443BL

Tgt Ion: 99 Resp: 1070317

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	34.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

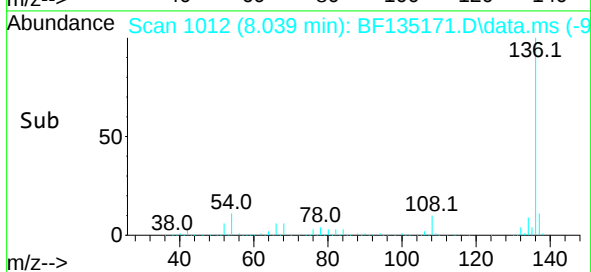
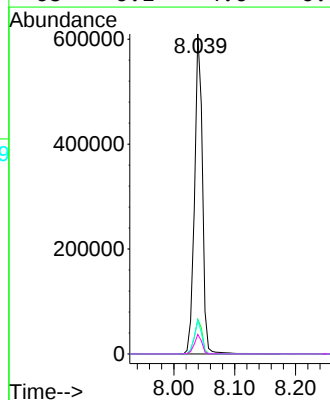
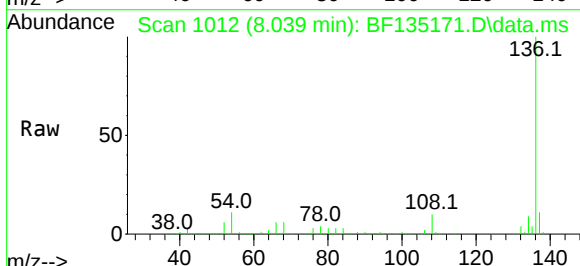
Delta R.T. -0.006 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Tgt Ion: 136 Resp: 547523

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	7.7	11.5
68	6.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 66.199 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135171.D

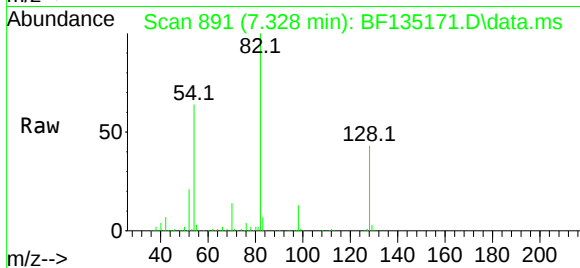
Acq: 12 Sep 2023 09:24

Instrument :

BNA_F

ClientSampleId :

PB155443BL



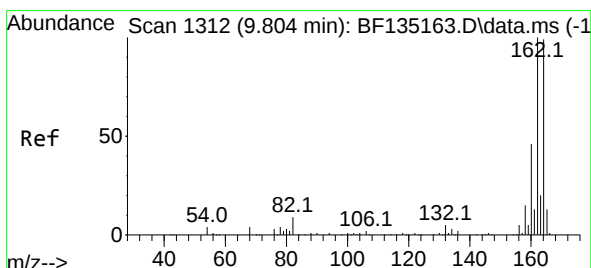
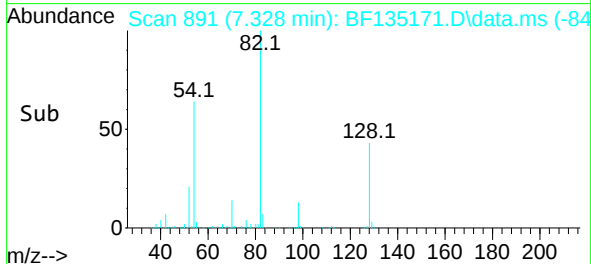
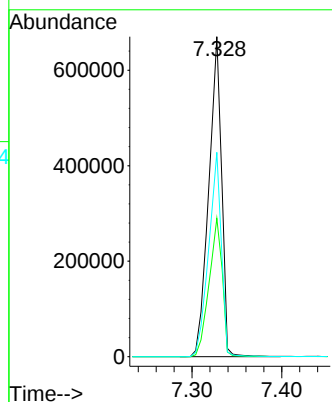
Tgt Ion: 82 Resp: 667145

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 63.8 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: BF135171.D

Acq: 12 Sep 2023 09:24

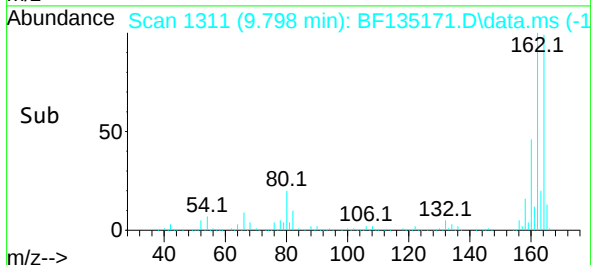
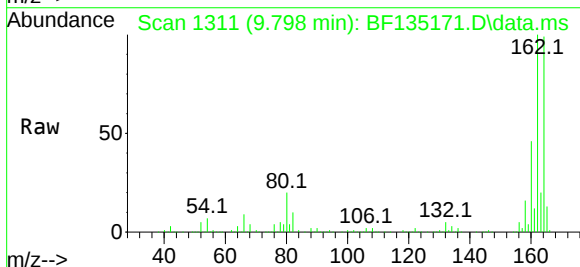
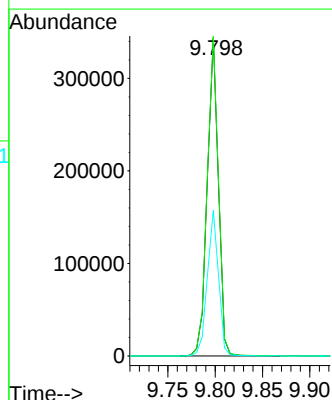
Tgt Ion: 164 Resp: 282414

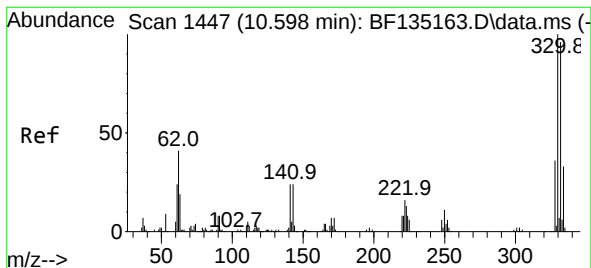
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

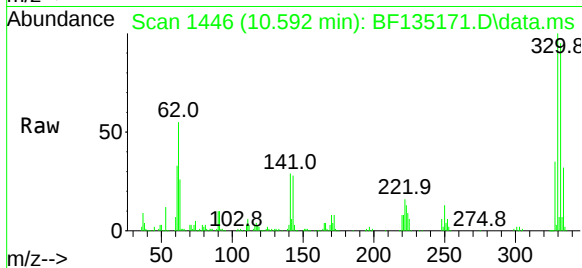
160 45.8 37.0 55.4



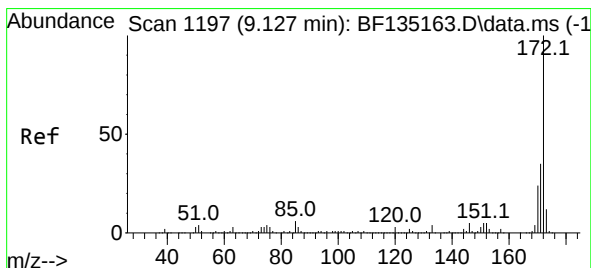
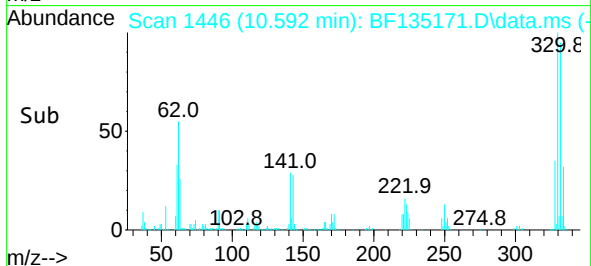
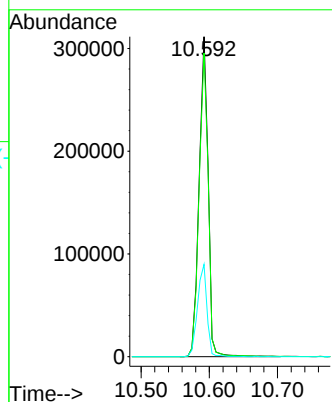


#42
2,4,6-Tribromophenol
Concen: 102.161 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :
PB155443BL

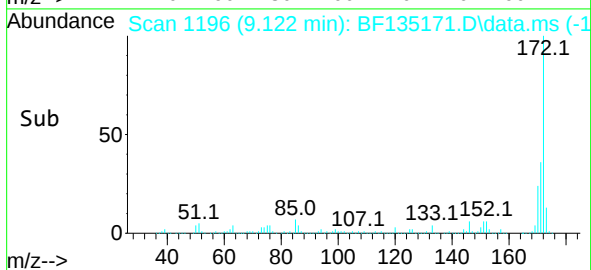
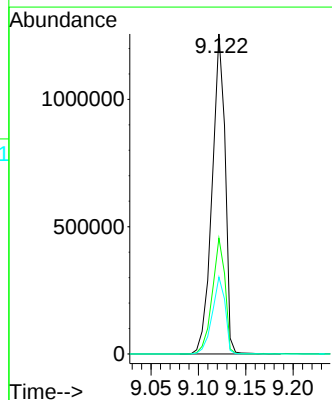
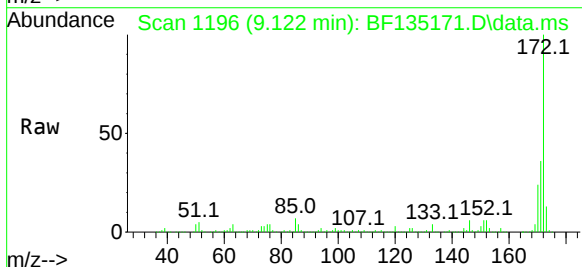


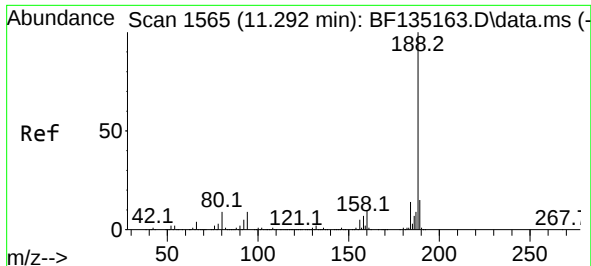
Tgt Ion:330 Resp: 286716
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.952 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Tgt Ion:172 Resp: 1197103
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.0 19.0 28.4

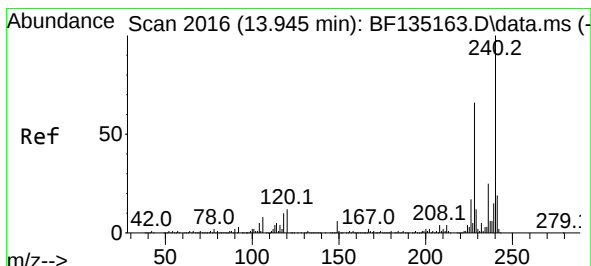
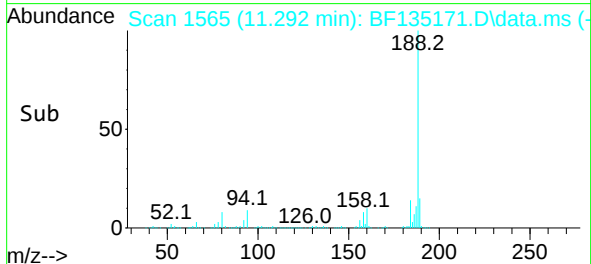
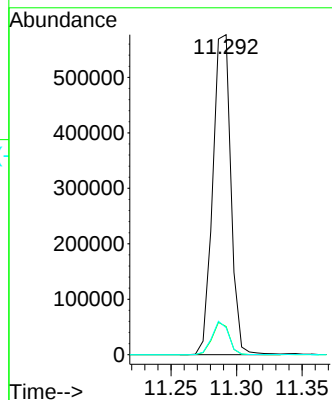
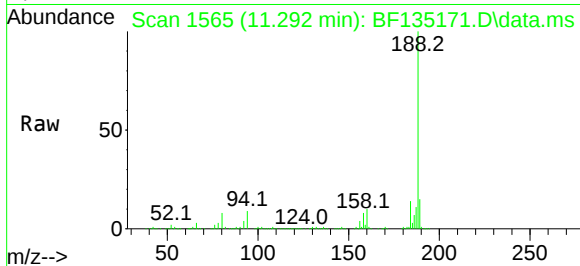




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

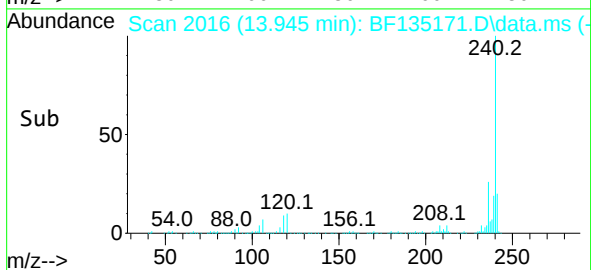
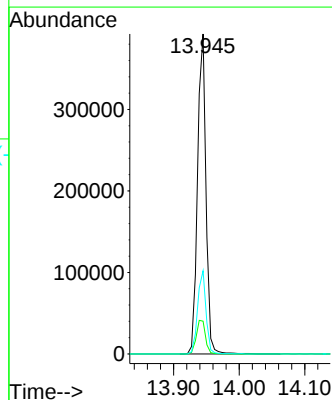
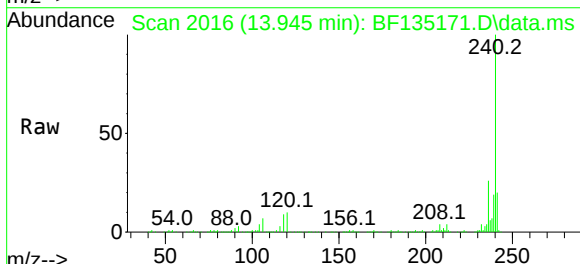
Instrument :
BNA_F
ClientSampleId :
PB155443BL

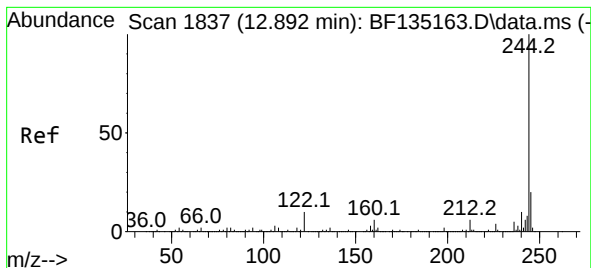
Tgt Ion:188 Resp: 553936
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Tgt Ion:240 Resp: 352415
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 58.801 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135171.D

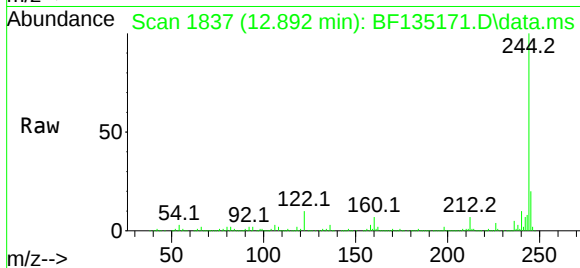
Acq: 12 Sep 2023 09:24

Instrument :

BNA_F

ClientSampleId :

PB155443BL



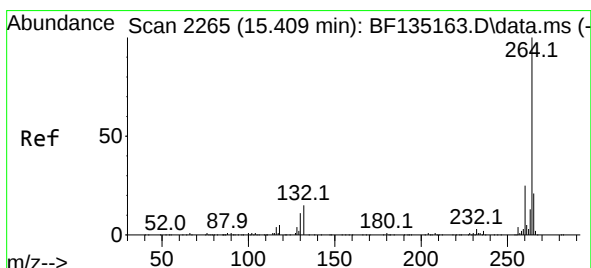
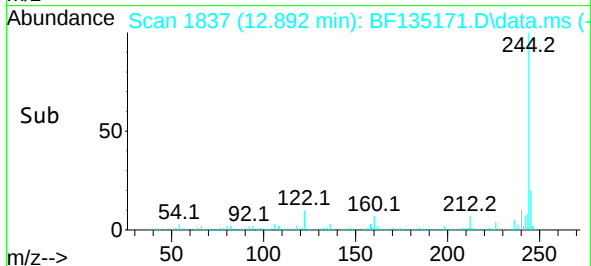
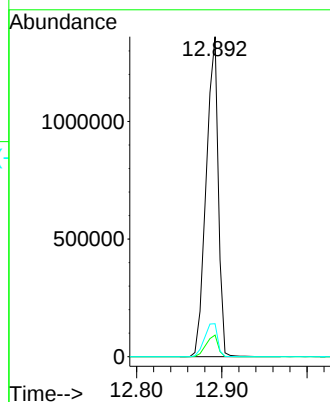
Tgt Ion:244 Resp: 1336755

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Tgt Ion:264 Resp: 307535

Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 20.6 17.0 25.4

