

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135330.D
 Acq On : 19 Sep 2023 10:45
 Operator : CG\JU
 Sample : PB155601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BL

Quant Time: Sep 20 01:31:52 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	6.757	152	130065	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	507137	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	261403	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	513249	20.000	ng	0.00
76) Chrysene-d12	13.945	240	262134	20.000	ng	0.00
86) Perylene-d12	15.409	264	246002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1042710	130.390	ng	0.01
7) Phenol-d6	6.404	99	1326254	130.428	ng	0.00
23) Nitrobenzene-d5	7.322	82	864276	92.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	348269	134.068	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1496977	86.400	ng	-0.01
79) Terphenyl-d14	12.892	244	1595512	94.354	ng	0.00

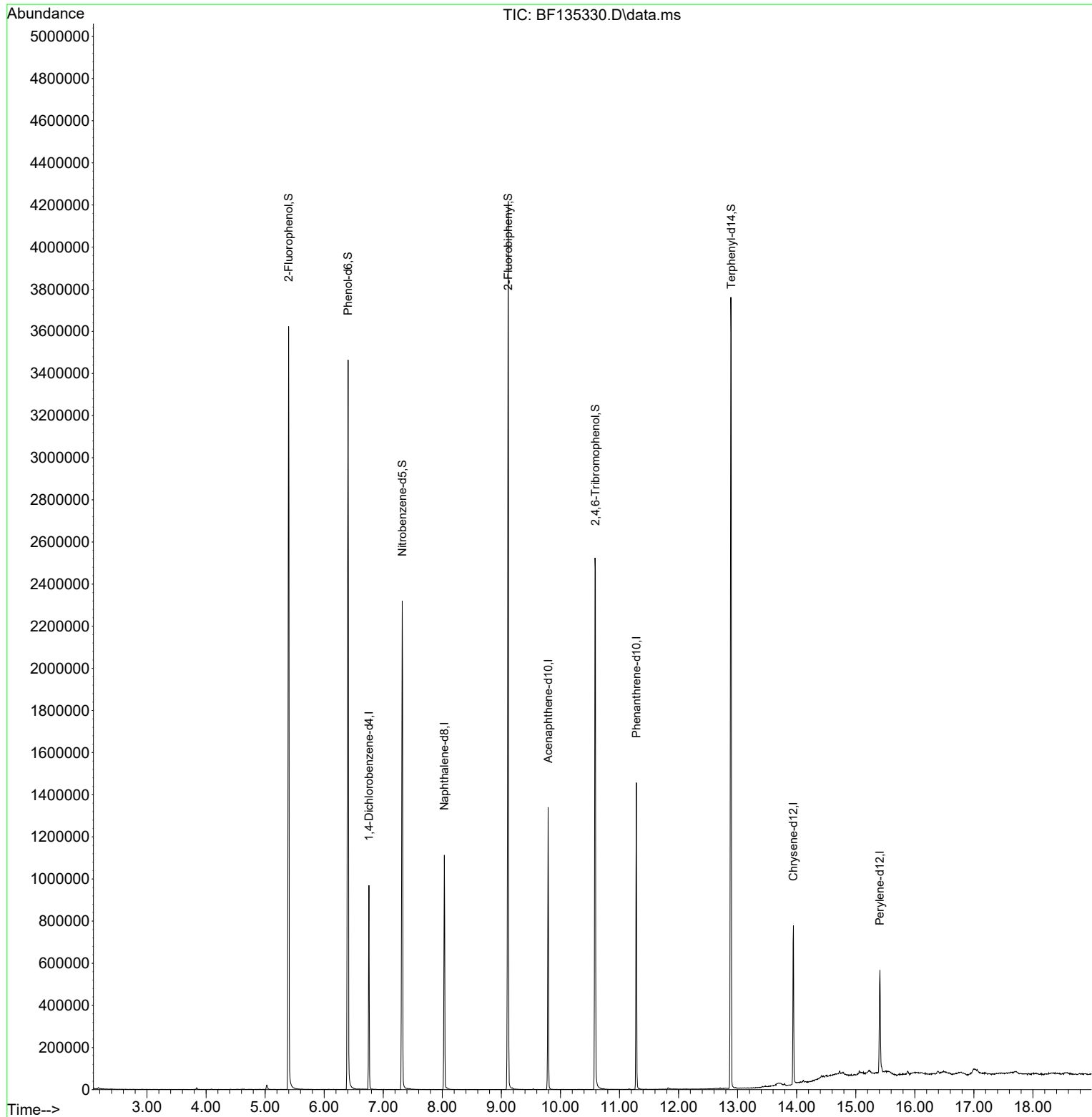
Target Compounds	Qvalue

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

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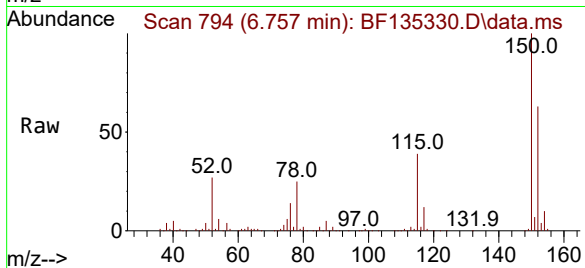
Quant Time: Sep 20 01:31:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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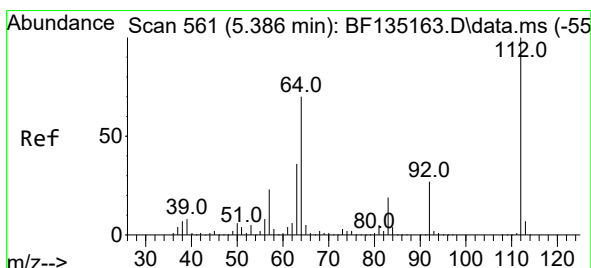
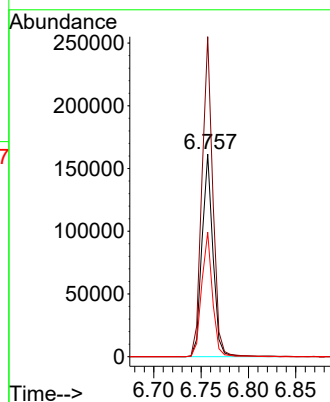
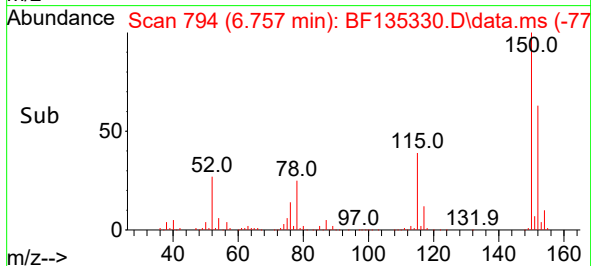


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

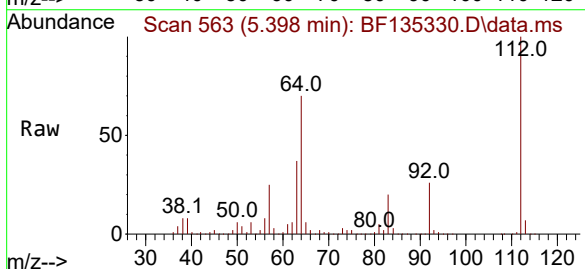
Instrument :
BNA_F
ClientSampleId :
PB155601BL



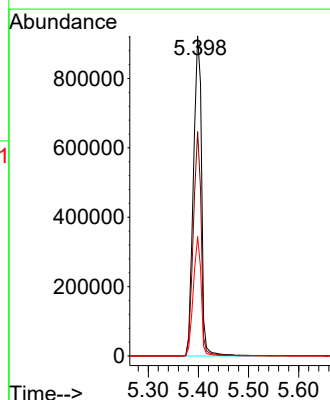
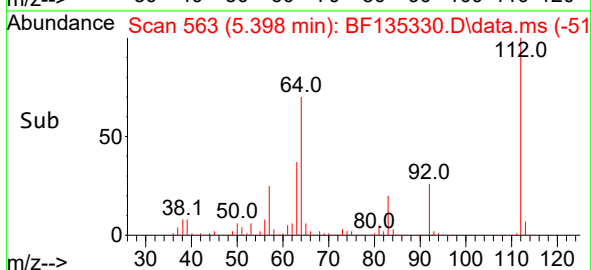
Tgt Ion:152 Resp: 130065
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 61.5 49.8 74.8

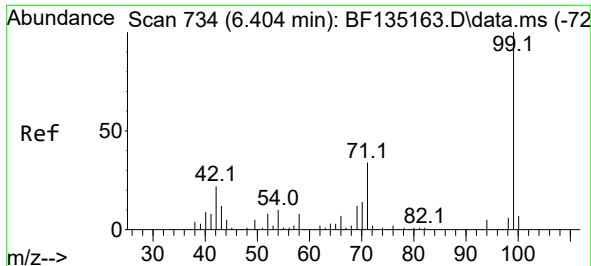


#5
2-Fluorophenol
Concen: 130.390 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45



Tgt Ion:112 Resp: 1042710
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 37.3 29.0 43.6

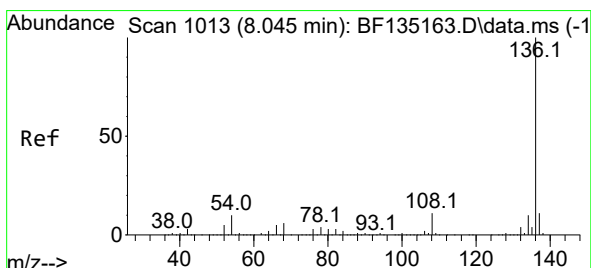
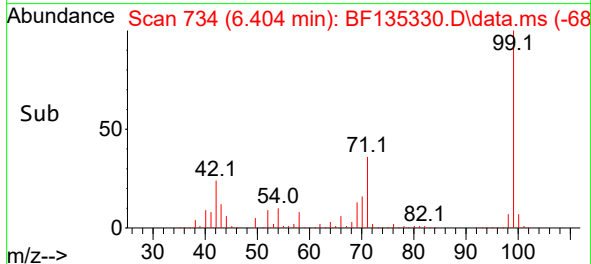
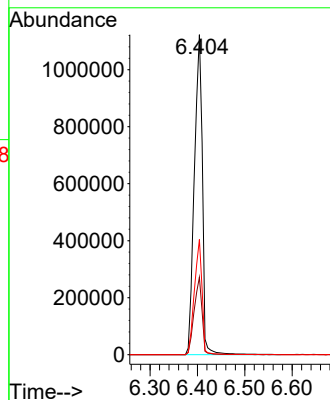
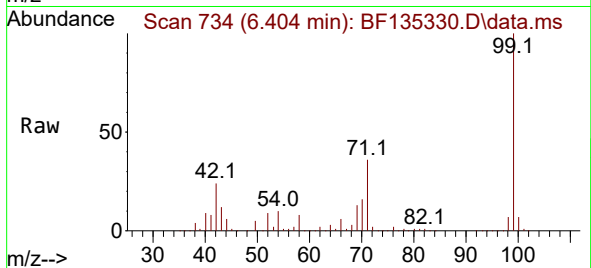




#7
Phenol-d6
Concen: 130.428 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

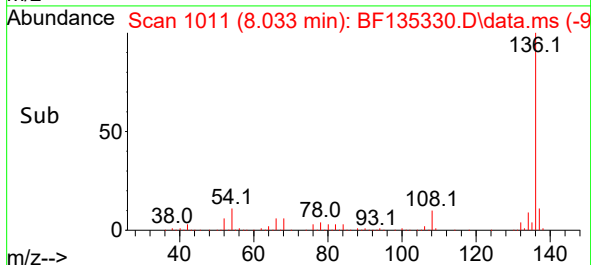
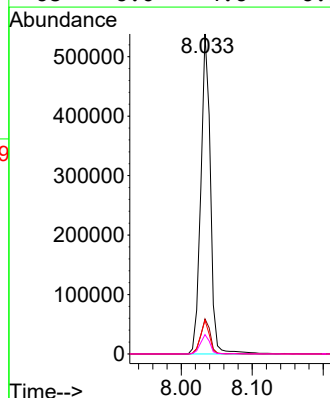
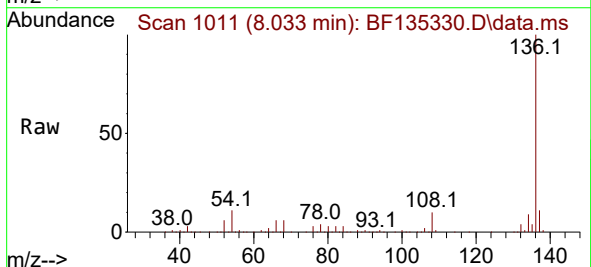
Instrument :
BNA_F
ClientSampleId :
PB155601BL

Tgt Ion: 99 Resp: 1326254
Ion Ratio Lower Upper
99 100
42 24.2 17.9 26.9
71 36.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:136 Resp: 507137
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.5 7.7 11.5
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.590 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135330.D

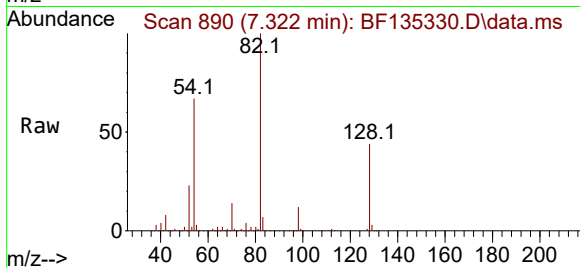
Acq: 19 Sep 2023 10:45

Instrument :

BNA_F

ClientSampleId :

PB155601BL



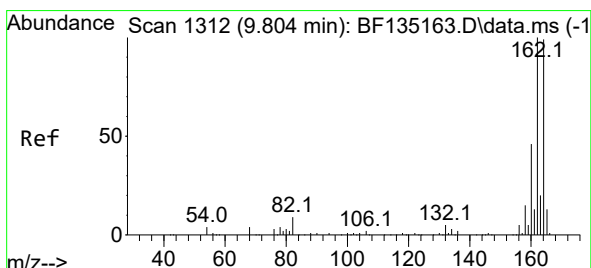
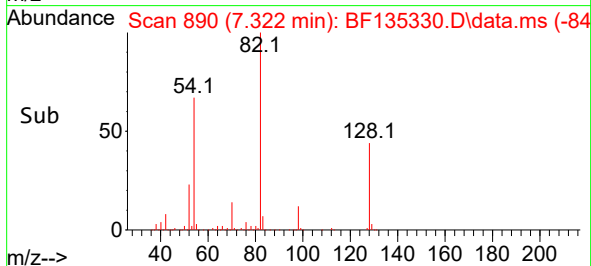
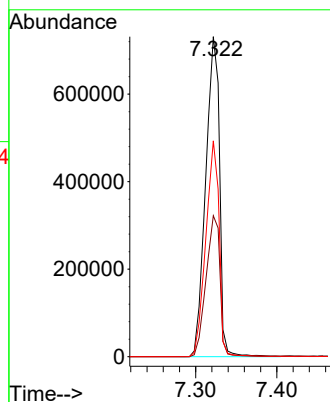
Tgt Ion: 82 Resp: 864276

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 67.5 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135330.D

Acq: 19 Sep 2023 10:45

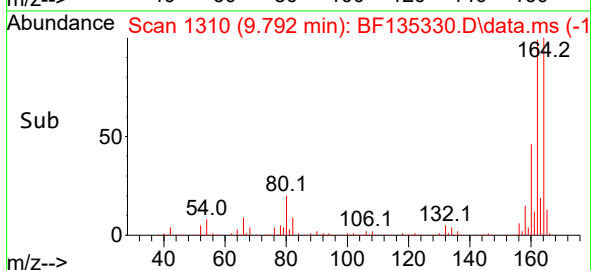
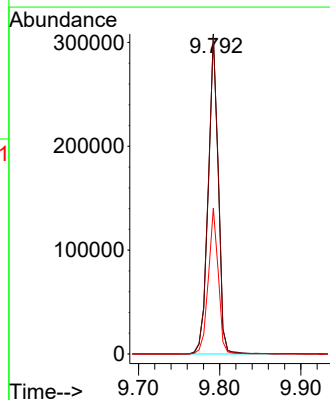
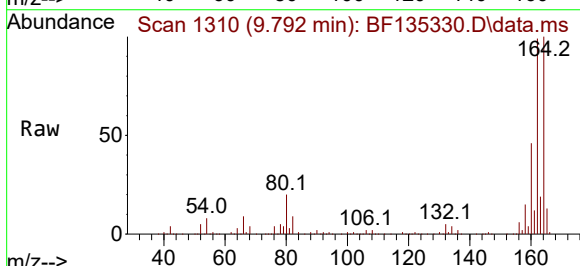
Tgt Ion: 164 Resp: 261403

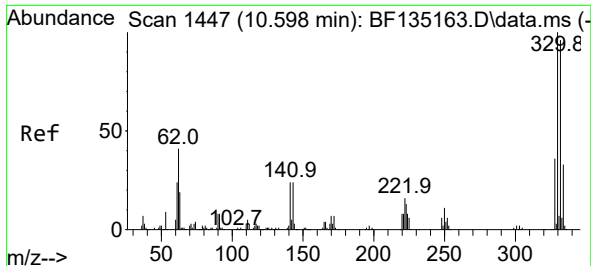
Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 45.6 37.0 55.4

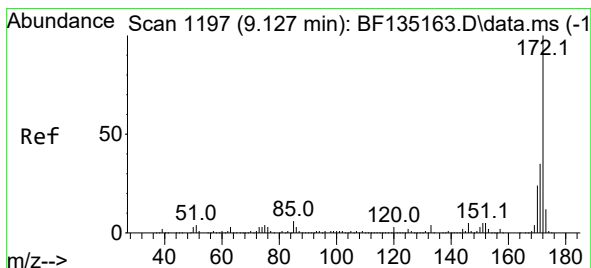
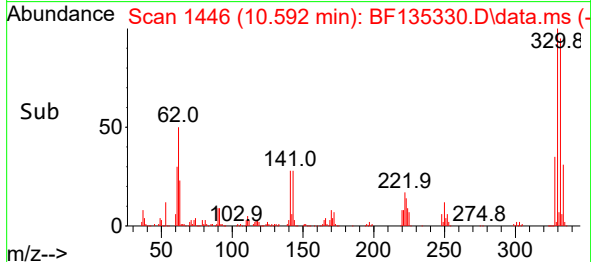
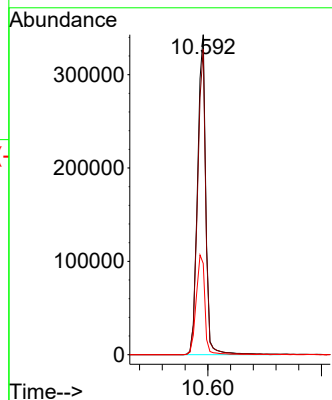
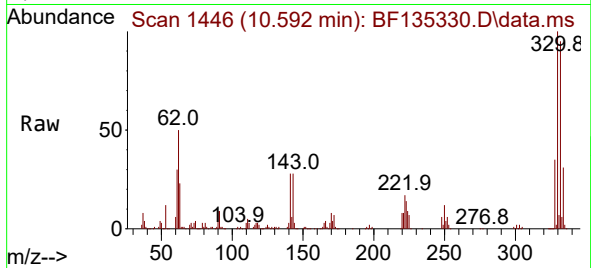




#42
2,4,6-Tribromophenol
Concen: 134.068 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

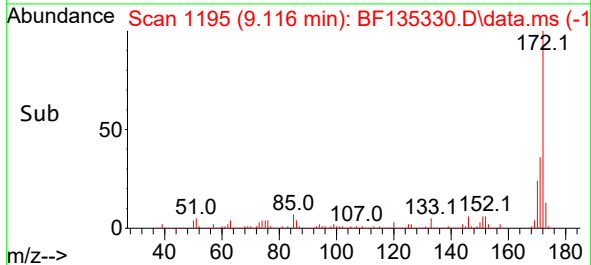
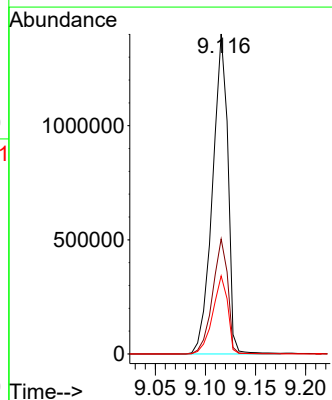
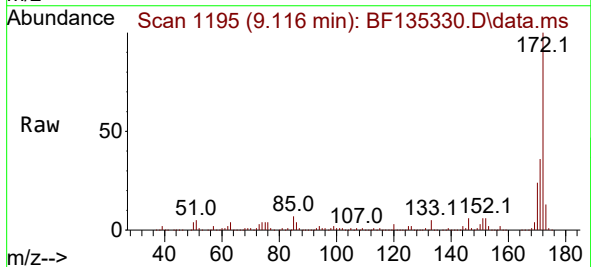
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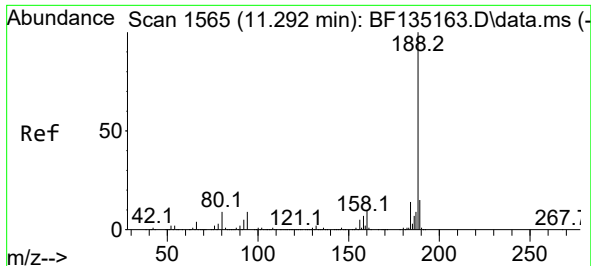
Tgt Ion:330 Resp: 348269
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.400 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:172 Resp: 1496977
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.4 19.0 28.4

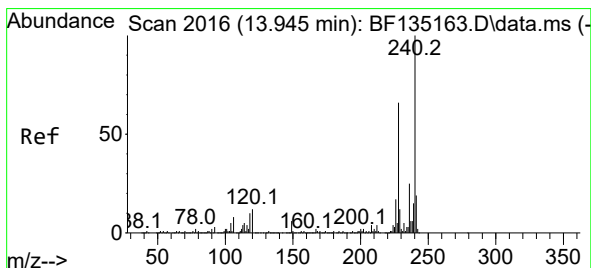
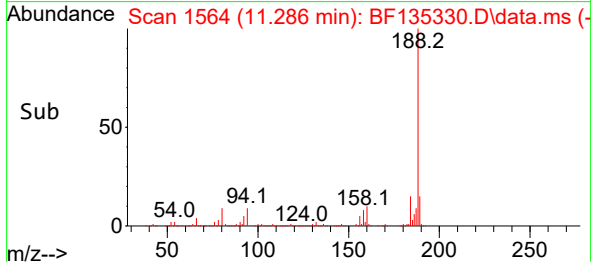
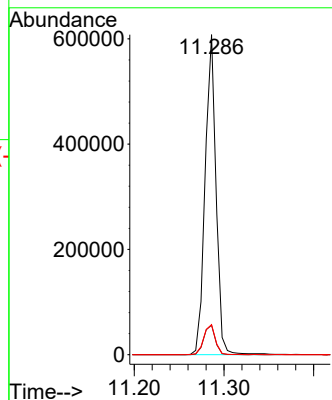
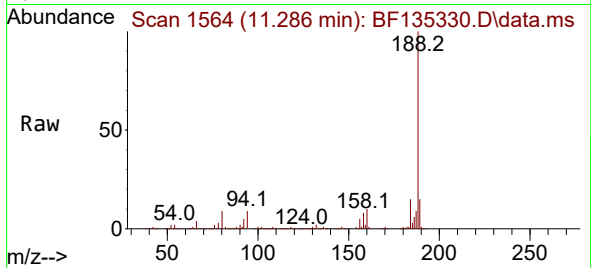




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

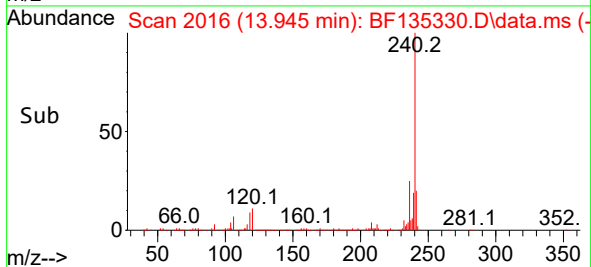
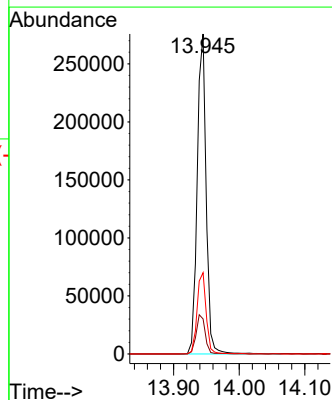
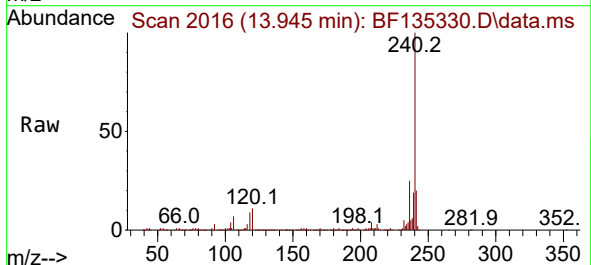
Instrument :
BNA_F
ClientSampleId :
PB155601BL

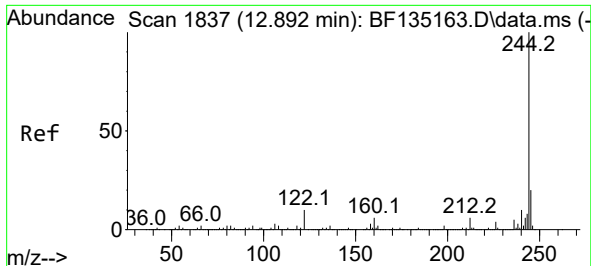
Tgt Ion:188 Resp: 513249
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:240 Resp: 262134
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.4 19.8 29.8

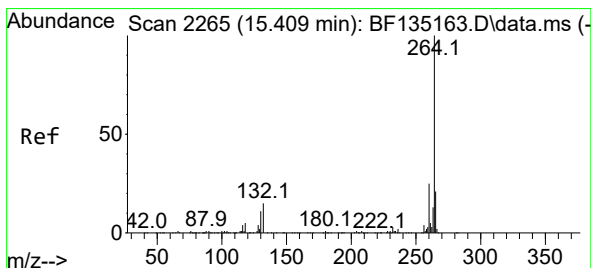
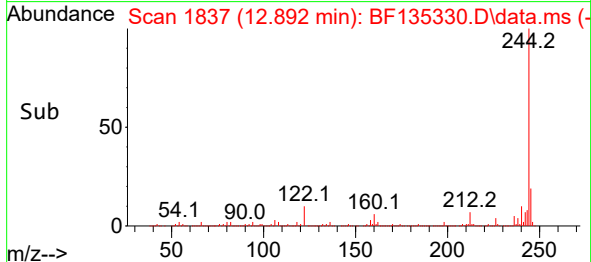
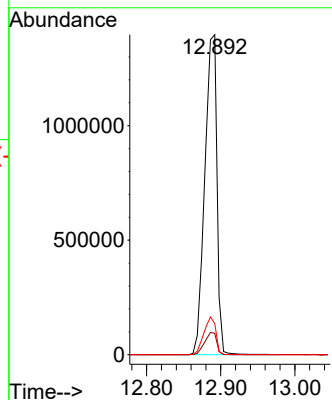
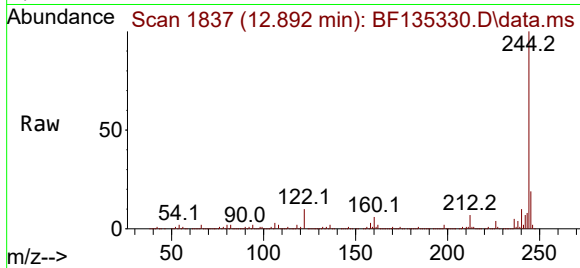




#79
 Terphenyl-d14
 Concen: 94.354 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135330.D
 Acq: 19 Sep 2023 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BL

Tgt Ion:244 Resp: 1595512
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 9.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135330.D
 Acq: 19 Sep 2023 10:45

Tgt Ion:264 Resp: 246002
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 22.1 17.0 25.4

