

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135172.D
 Acq On : 12 Sep 2023 09:56
 Operator : CG\JU
 Sample : PB155351TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155351TB

Quant Time: Sep 13 01:58:30 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	142875	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	554087	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	299740	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	571643	20.000	ng	0.00
76) Chrysene-d12	13.945	240	350466	20.000	ng	0.00
86) Perylene-d12	15.404	264	302050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	916021	104.277	ng	0.02
7) Phenol-d6	6.404	99	1170821	104.818	ng	0.00
23) Nitrobenzene-d5	7.328	82	725726	71.159	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	317302	106.524	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1326581	66.773	ng	0.00
79) Terphenyl-d14	12.892	244	1443315	63.841	ng	0.00

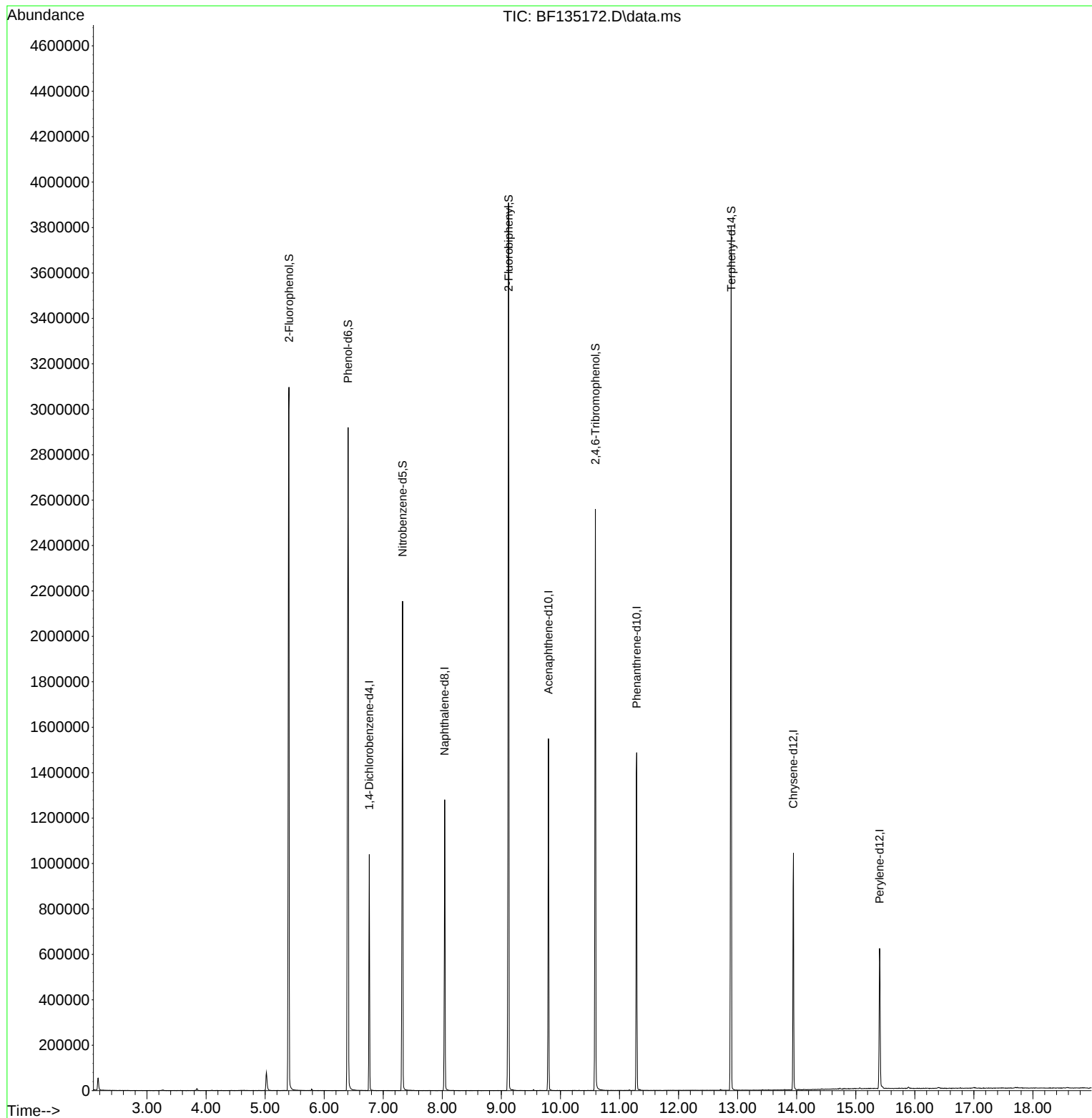
Target Compounds	Qvalue

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

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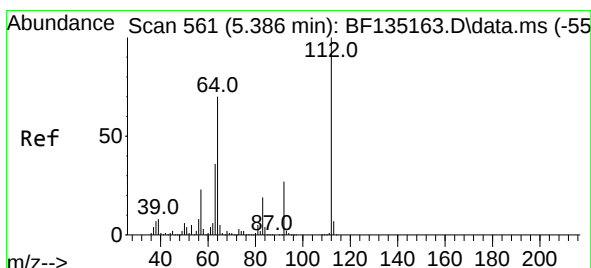
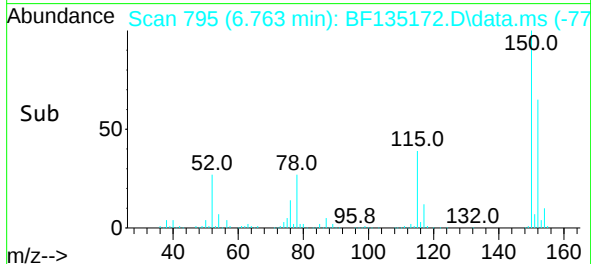
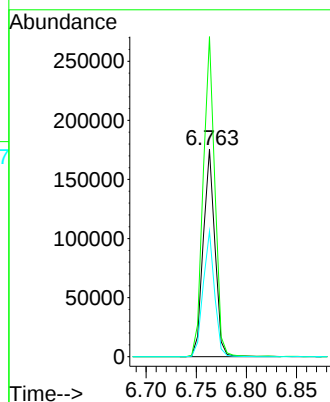
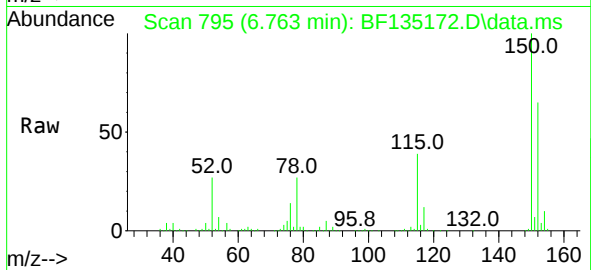




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

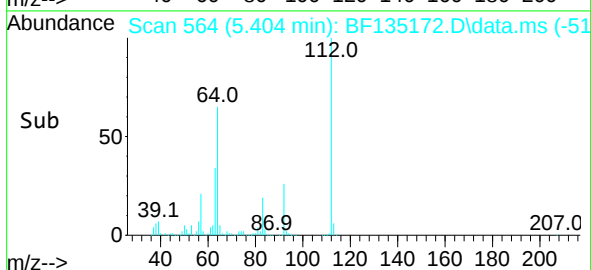
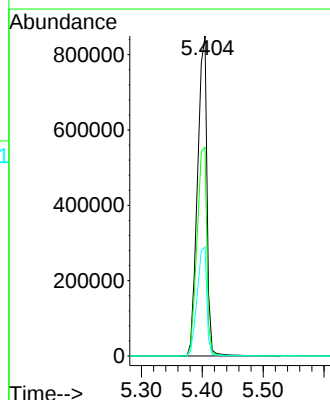
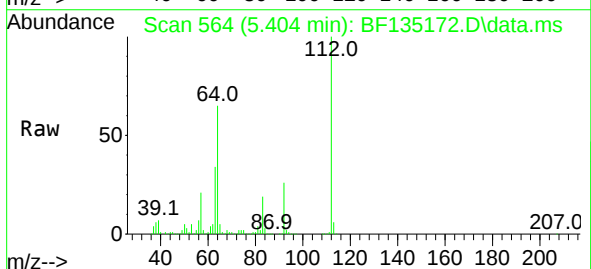
Instrument :
BNA_F
ClientSampleId :
PB155351TB

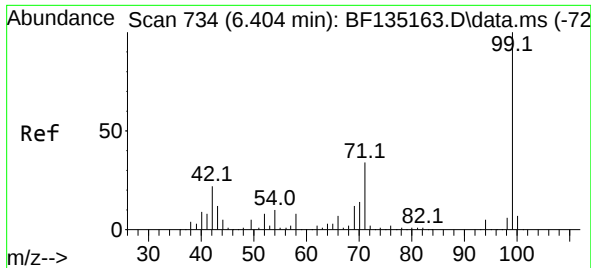
Tgt Ion:152 Resp: 142875
Ion Ratio Lower Upper
152 100
150 154.3 127.8 191.6
115 60.5 49.8 74.8



#5
2-Fluorophenol
Concen: 104.277 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:112 Resp: 916021
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 34.0 29.0 43.6





#7

Phenol-d6

Concen: 104.818 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135172.D

Acq: 12 Sep 2023 09:56

Instrument :

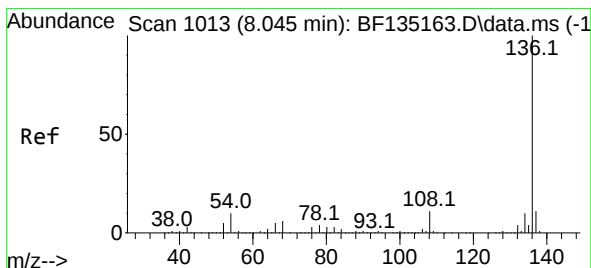
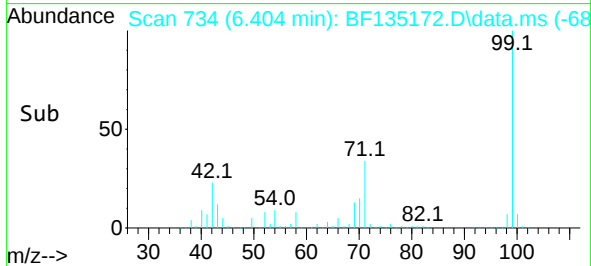
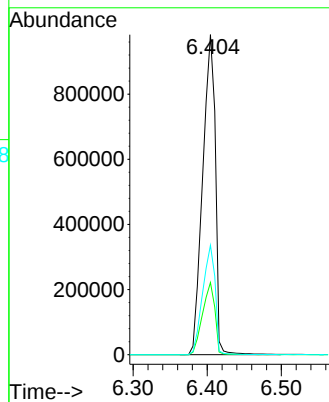
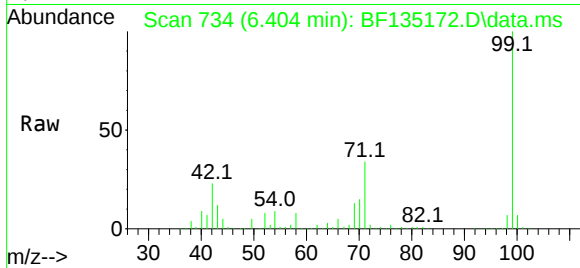
BNA_F

ClientSampleId :

PB155351TB

Tgt Ion: 99 Resp: 1170821

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	34.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

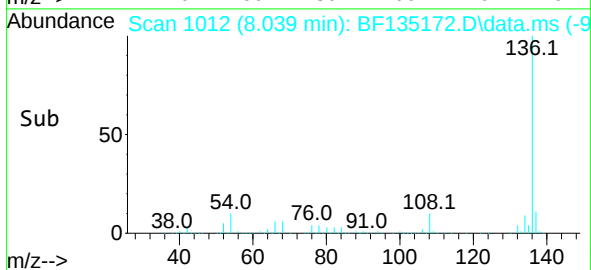
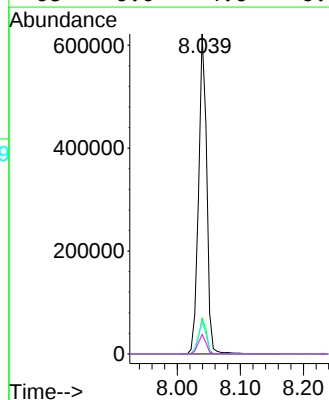
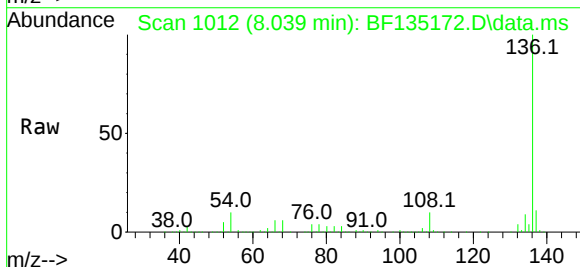
Delta R.T. -0.006 min

Lab File: BF135172.D

Acq: 12 Sep 2023 09:56

Tgt Ion: 136 Resp: 554087

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	7.7	11.5
68	6.0	4.6	6.8





#23

Nitrobenzene-d5

Concen: 71.159 ng

RT: 7.328 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135172.D

Acq: 12 Sep 2023 09:56

Instrument :

BNA_F

ClientSampleId :

PB155351TB

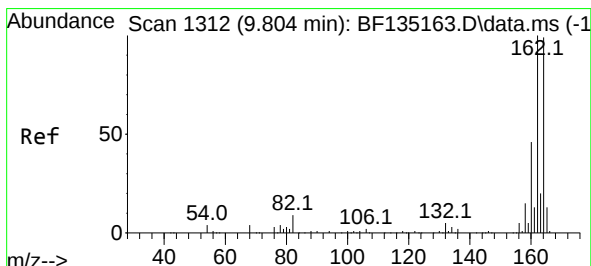
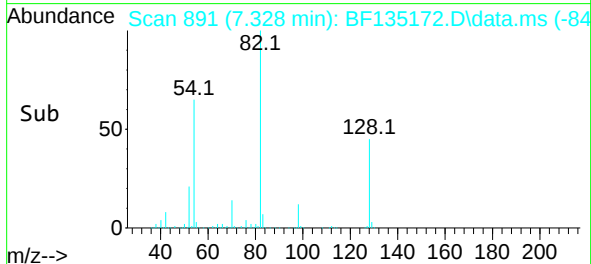
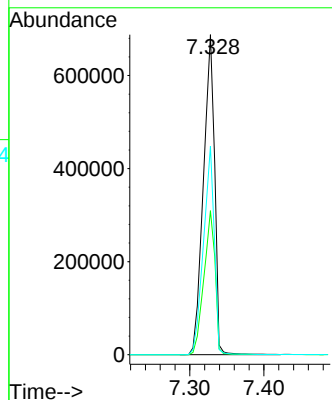
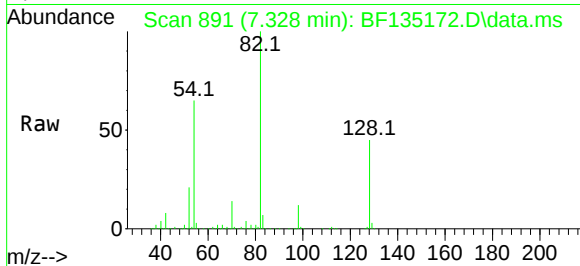
Tgt Ion: 82 Resp: 725726

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 65.2 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: BF135172.D

Acq: 12 Sep 2023 09:56

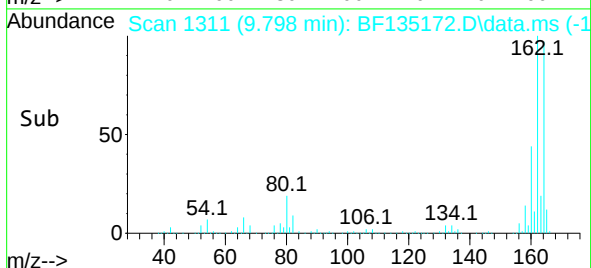
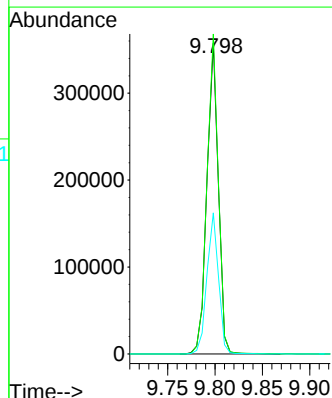
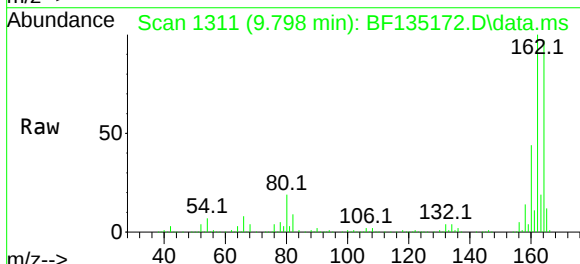
Tgt Ion:164 Resp: 299740

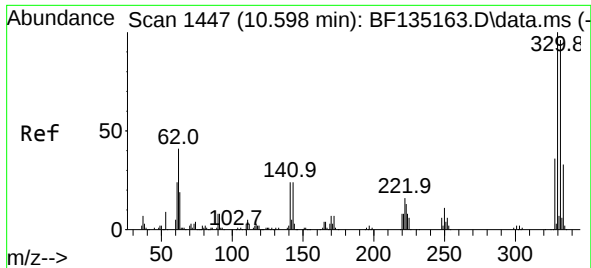
Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.4

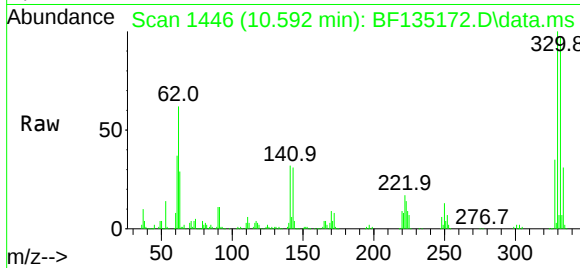
160 45.4 37.0 55.4



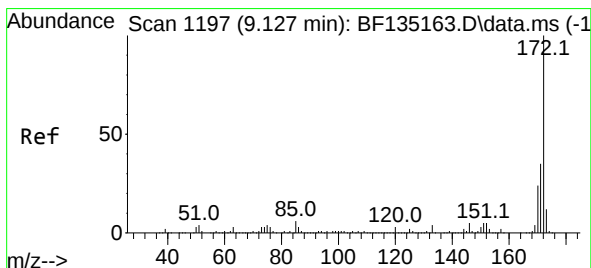
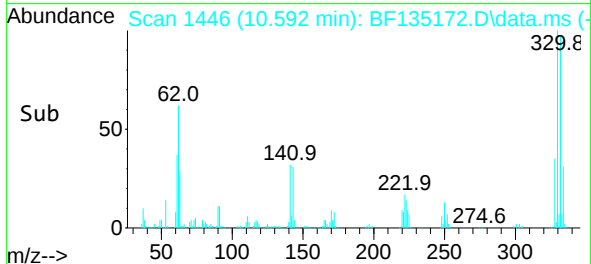
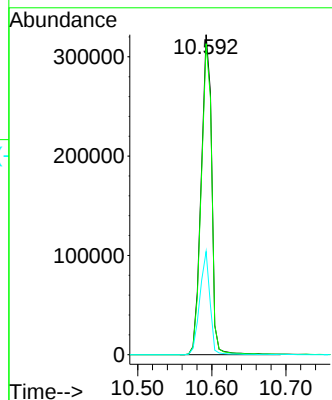


#42
2,4,6-Tribromophenol
Concen: 106.524 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Instrument :
BNA_F
ClientSampleId :
PB155351TB

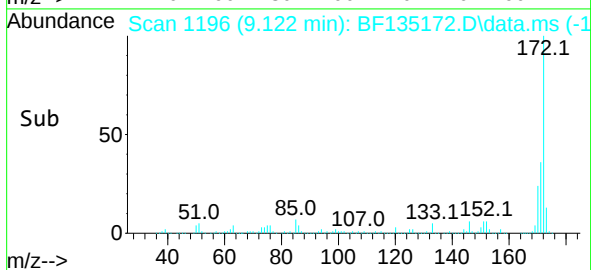
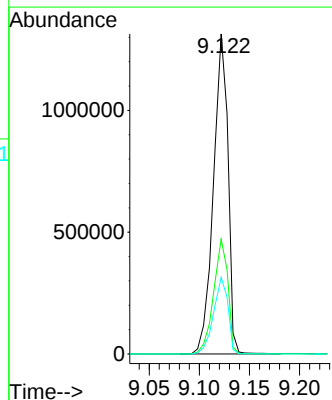
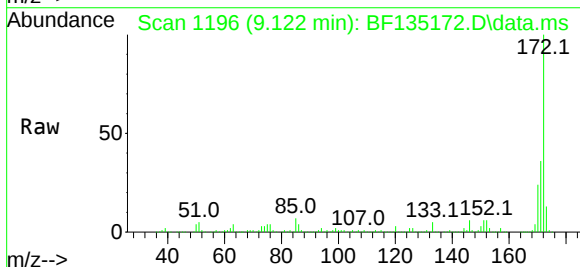


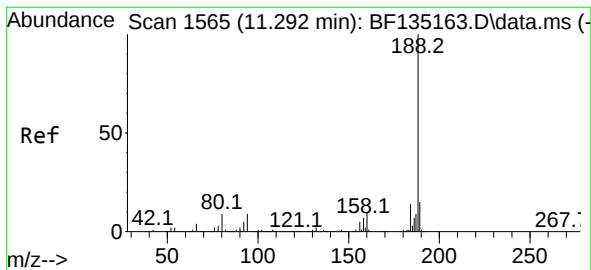
Tgt Ion: 330 Resp: 317302
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 66.773 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion: 172 Resp: 1326581
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135172.D

Acq: 12 Sep 2023 09:56

Instrument :

BNA_F

ClientSampleId :

PB155351TB

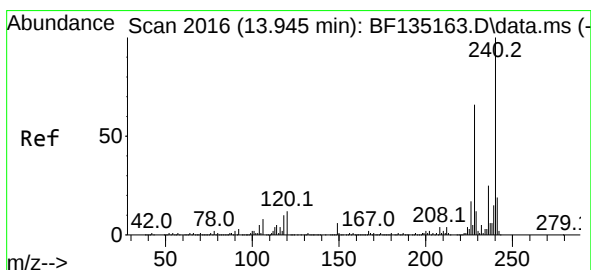
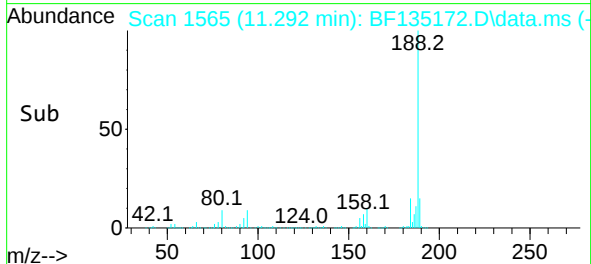
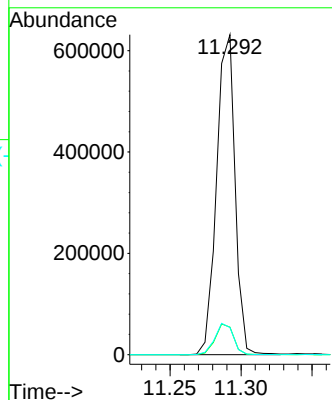
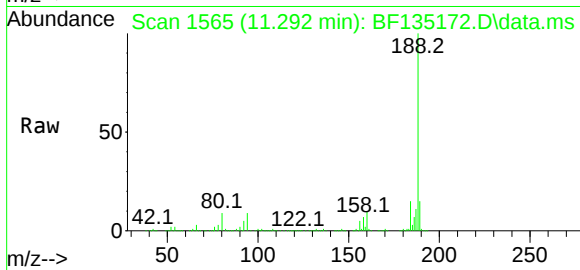
Tgt Ion:188 Resp: 571643

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 8.5 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: BF135172.D

Acq: 12 Sep 2023 09:56

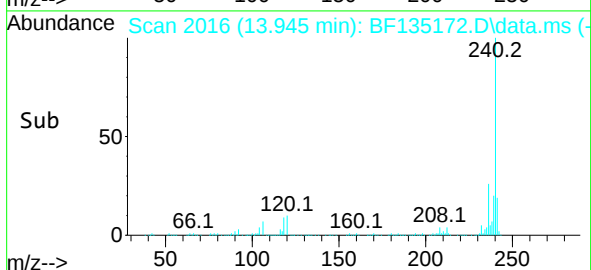
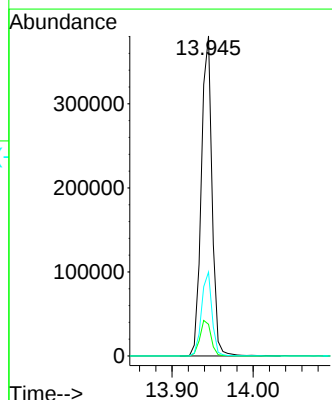
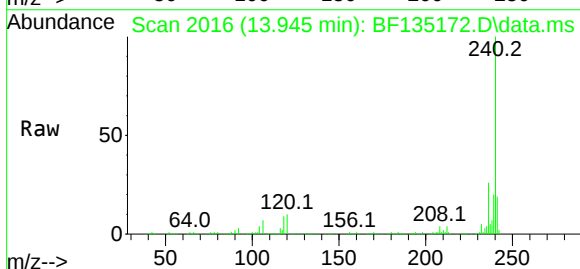
Tgt Ion:240 Resp: 350466

Ion Ratio Lower Upper

240 100

120 9.9 9.4 14.2

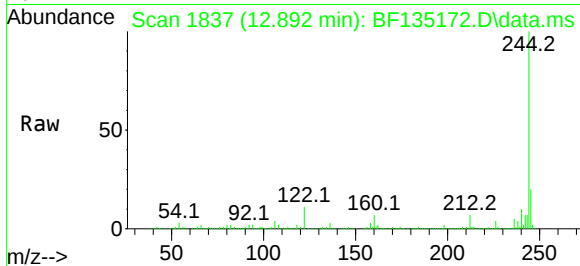
236 26.2 19.8 29.8





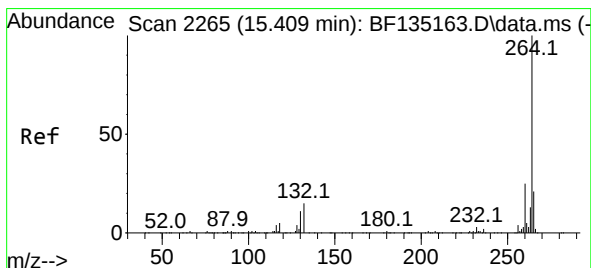
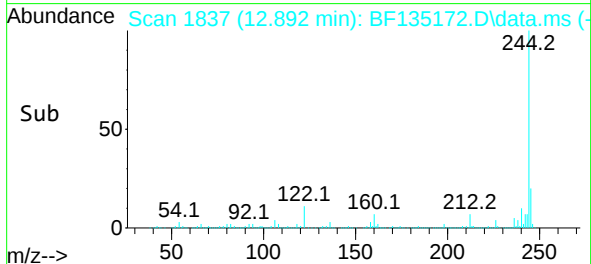
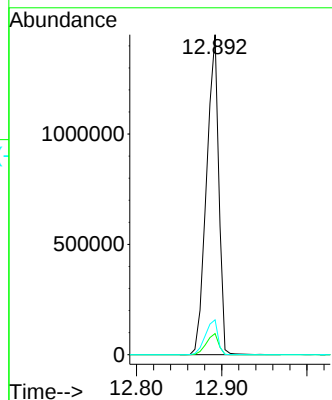
#79
 Terphenyl-d14
 Concen: 63.841 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135172.D
 Acq: 12 Sep 2023 09:56

Instrument :
 BNA_F
 ClientSampleId :
 PB155351TB



Tgt Ion:244 Resp: 1443315

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.9	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: BF135172.D
 Acq: 12 Sep 2023 09:56

Tgt Ion:264 Resp: 302050

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	21.7	17.0	25.4

