

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135450.D
 Acq On : 26 Sep 2023 13:50
 Operator : CG\JU
 Sample : 04566-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06

Quant Time: Sep 27 02:11:02 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	163488	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	618667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	297754	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518990	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	273872	20.000	ng	0.00
86) Perylene-d12	15.404	264	374918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	984250	97.917	ng	0.01
7) Phenol-d6	6.404	99	1324377	103.617	ng	0.00
23) Nitrobenzene-d5	7.316	82	804540	70.652	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	272658	92.147	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1300806	65.912	ng	0.00
79) Terphenyl-d14	12.874	244	950269	53.788	ng	0.00

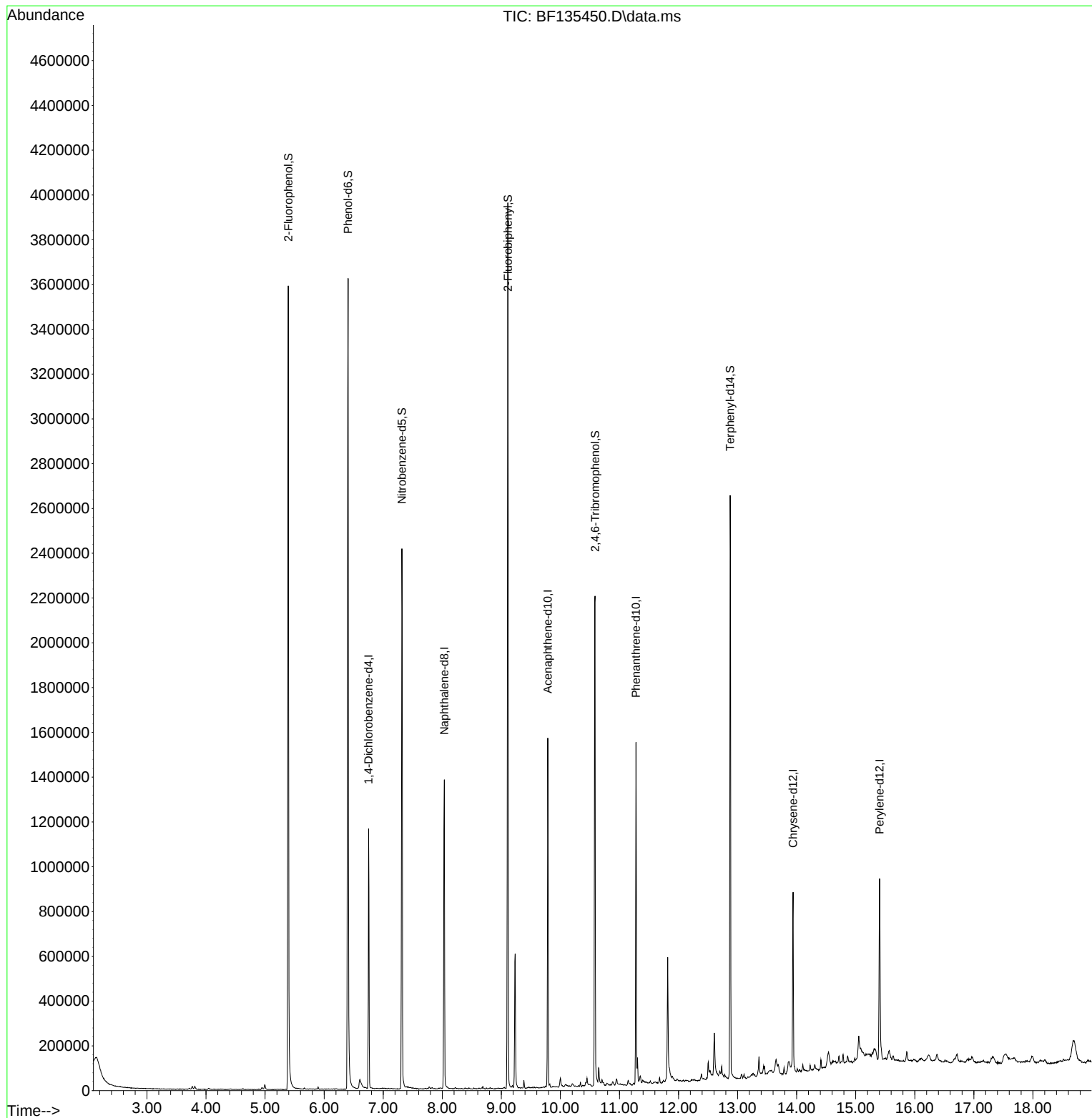
Target Compounds	Qvalue

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

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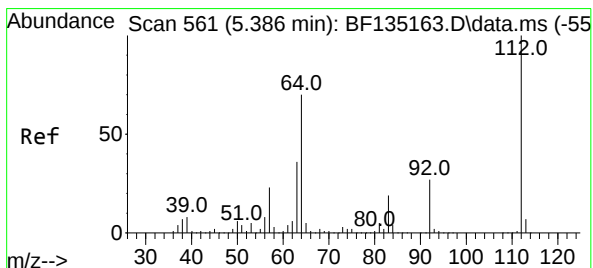
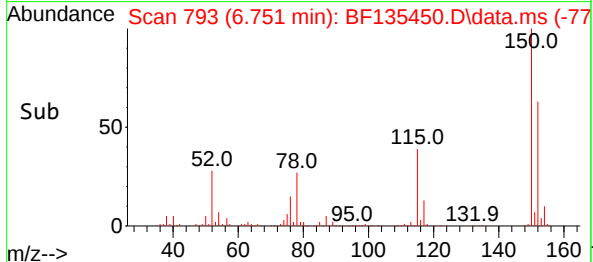
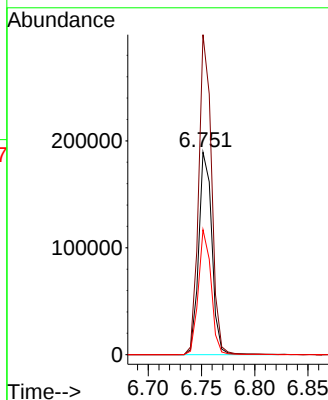
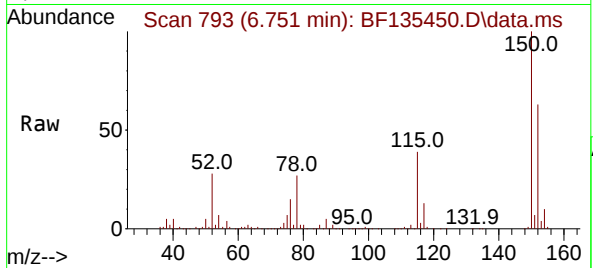




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

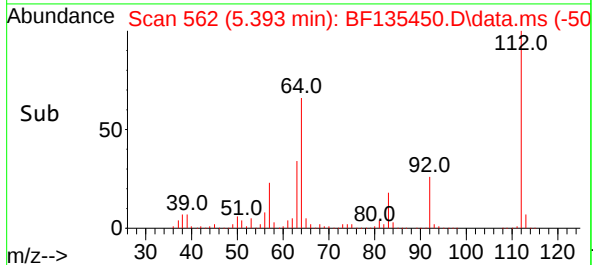
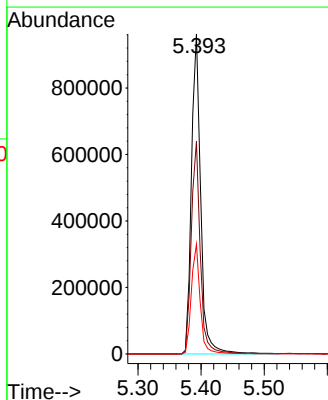
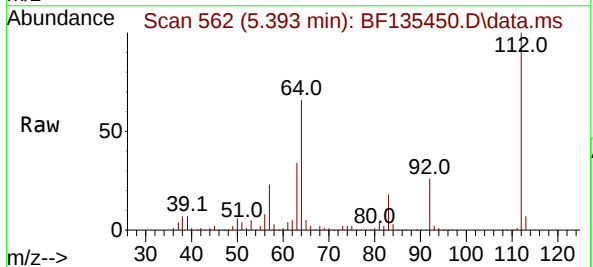
Instrument :
BNA_F
ClientSampleId :
CPT102-06

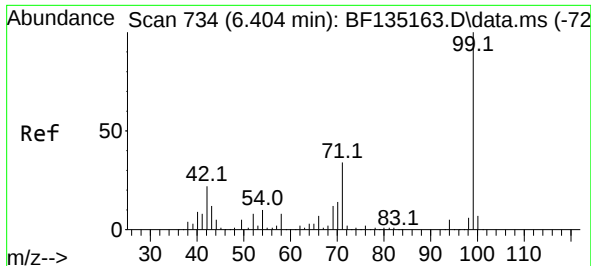
Tgt Ion:152 Resp: 163488
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 97.917 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:112 Resp: 984250
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 34.3 29.0 43.6

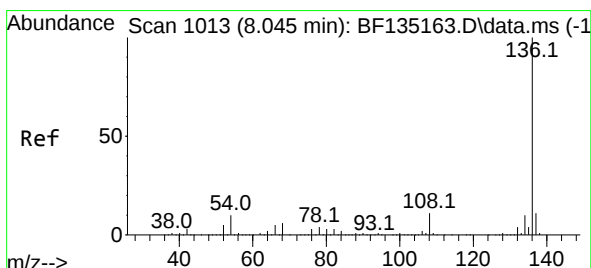
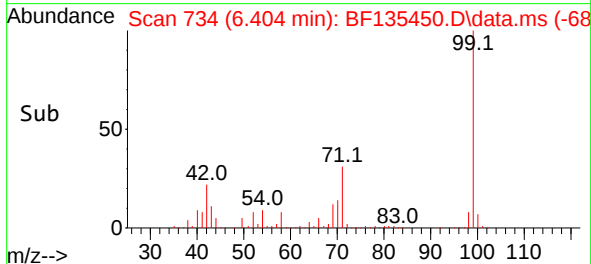
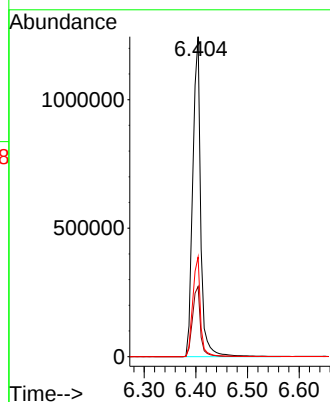
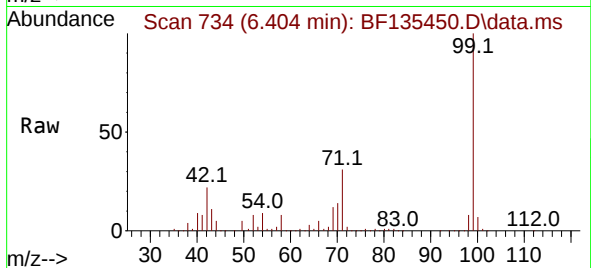




#7
Phenol-d6
Concen: 103.617 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

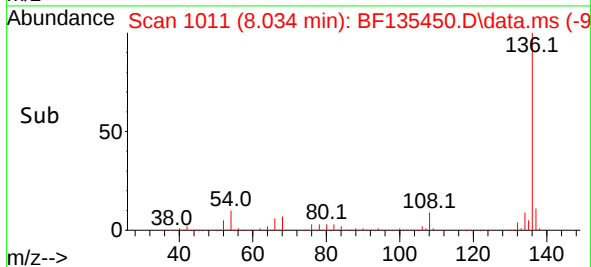
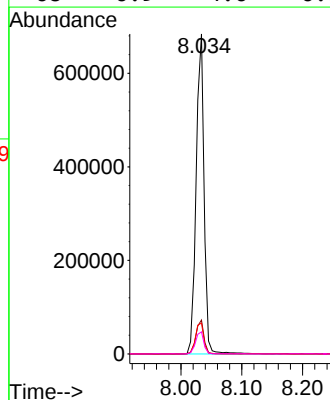
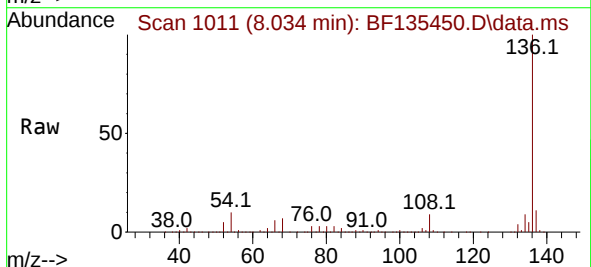
Instrument :
BNA_F
ClientSampleId :
CPT102-06

Tgt Ion: 99 Resp: 1324377
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 31.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:136 Resp: 618667
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.7 11.5
68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 70.652 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135450.D

Acq: 26 Sep 2023 13:50

Instrument :

BNA_F

ClientSampleId :

CPT102-06

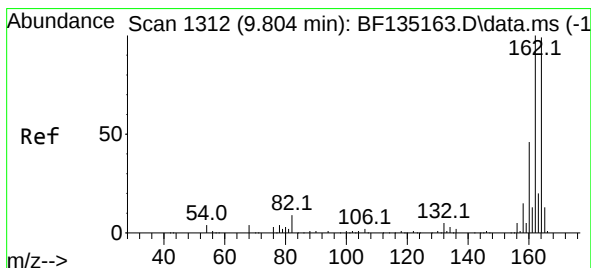
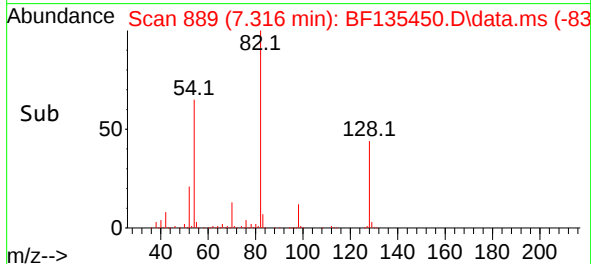
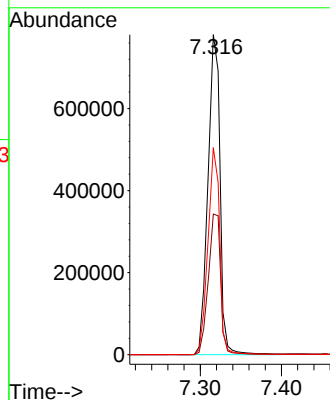
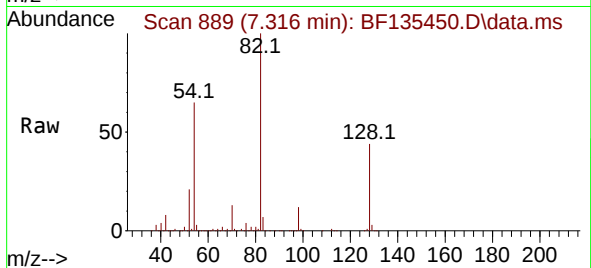
Tgt Ion: 82 Resp: 804540

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

54 64.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135450.D

Acq: 26 Sep 2023 13:50

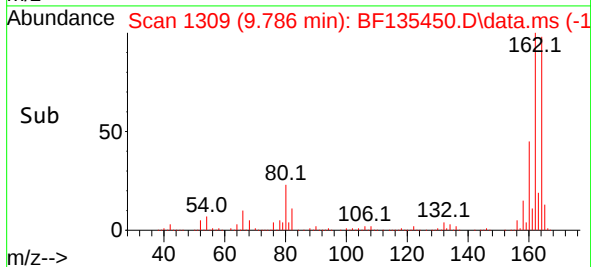
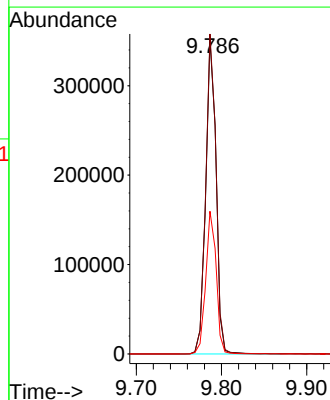
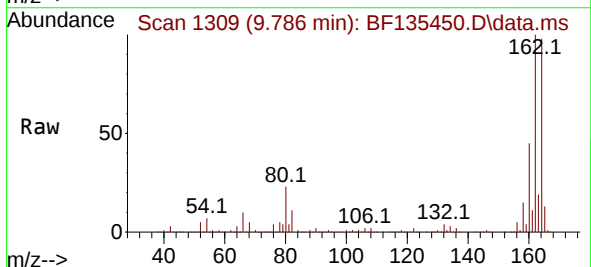
Tgt Ion: 164 Resp: 297754

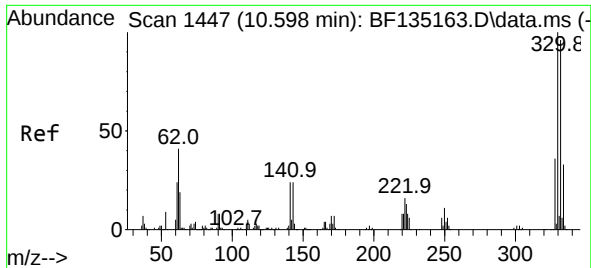
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 45.3 37.0 55.4

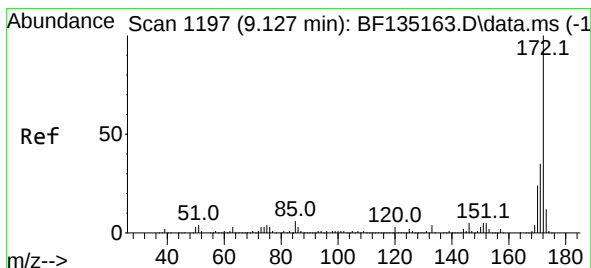
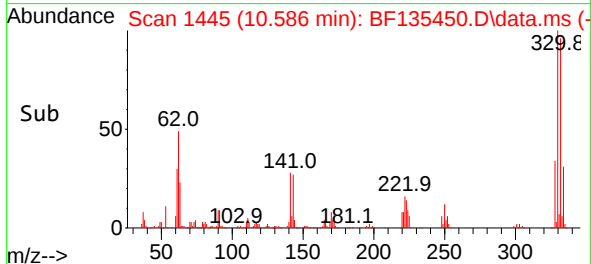
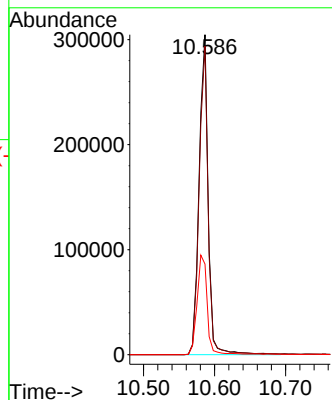
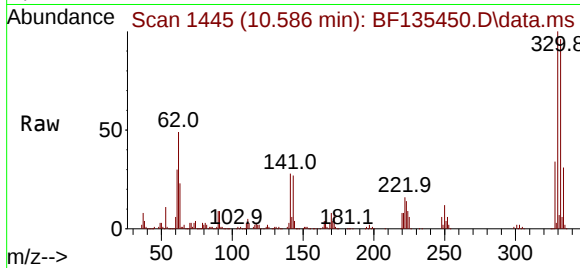




#42
2,4,6-Tribromophenol
Concen: 92.147 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

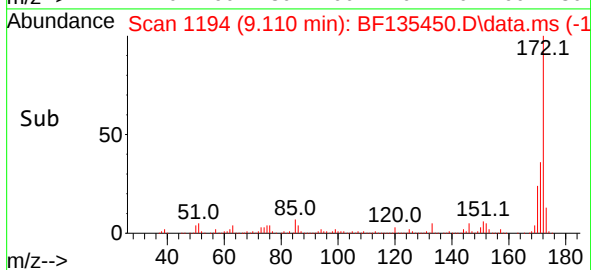
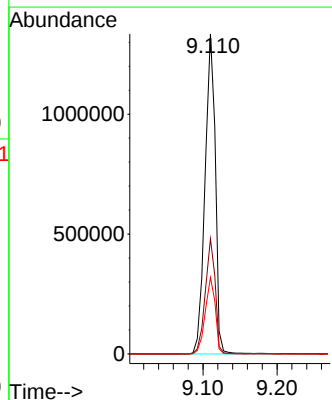
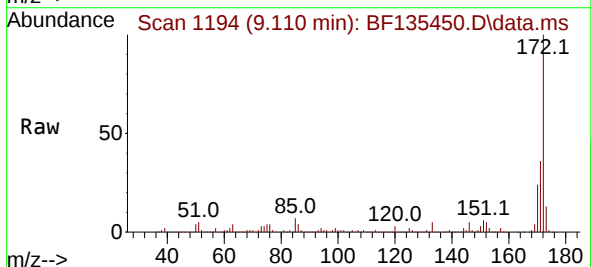
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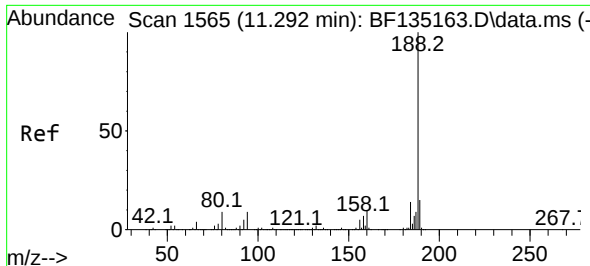
Tgt Ion:330 Resp: 272658
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.912 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:172 Resp: 1300806
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.0 28.4

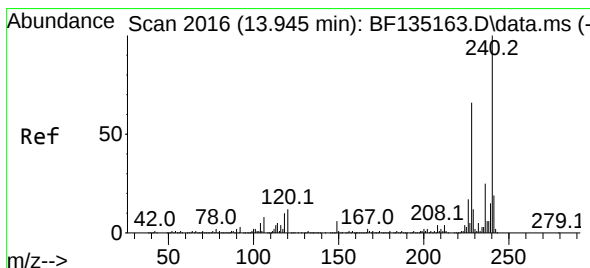
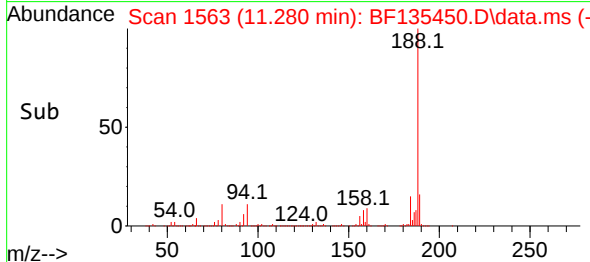
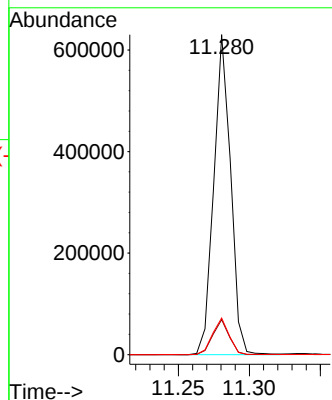
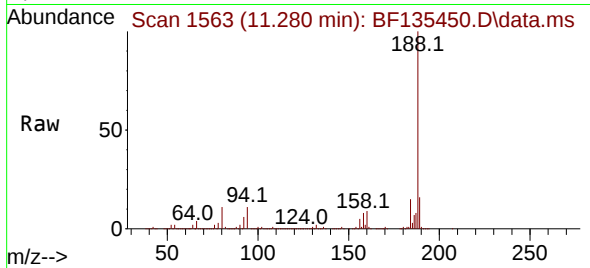




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

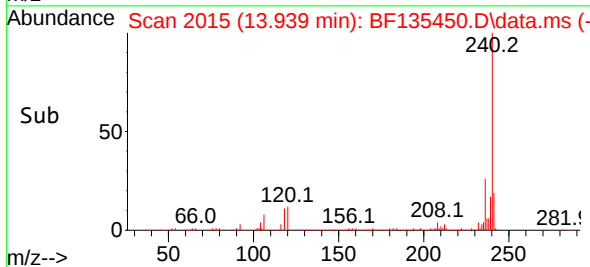
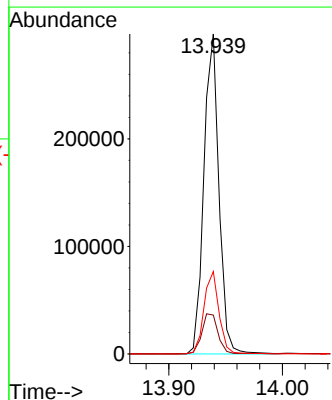
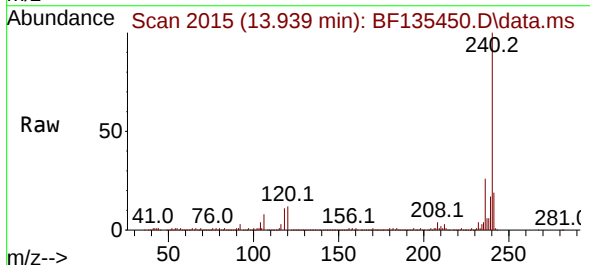
Instrument :
BNA_F
ClientSampleId :
CPT102-06

Tgt Ion:188 Resp: 518990
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.5 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:240 Resp: 273872
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.8 19.8 29.8

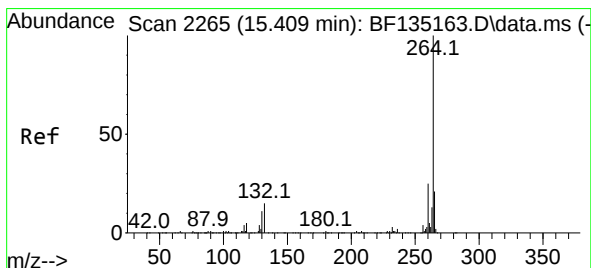
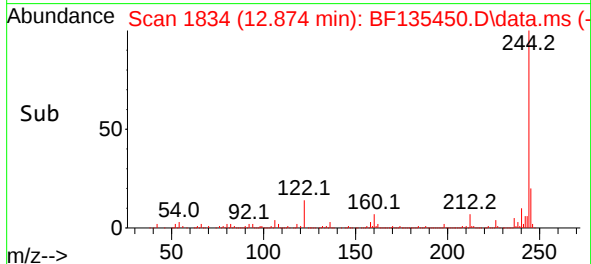
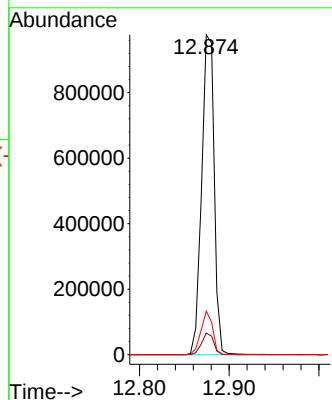
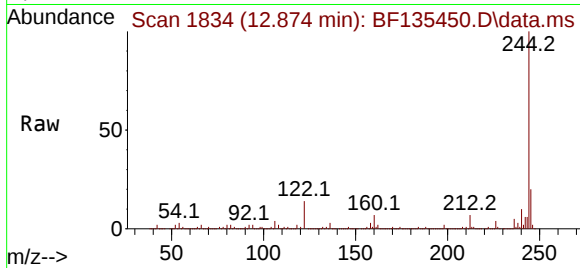




#79
 Terphenyl-d14
 Concen: 53.788 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135450.D
 Acq: 26 Sep 2023 13:50

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06

Tgt Ion:244 Resp: 950269
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.6 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135450.D
 Acq: 26 Sep 2023 13:50

Tgt Ion:264 Resp: 374918
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.8 17.0 25.4

