

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135460.D
 Acq On : 26 Sep 2023 18:58
 Operator : CG\JU
 Sample : 04566-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-08-1

Quant Time: Sep 27 02:16:03 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)

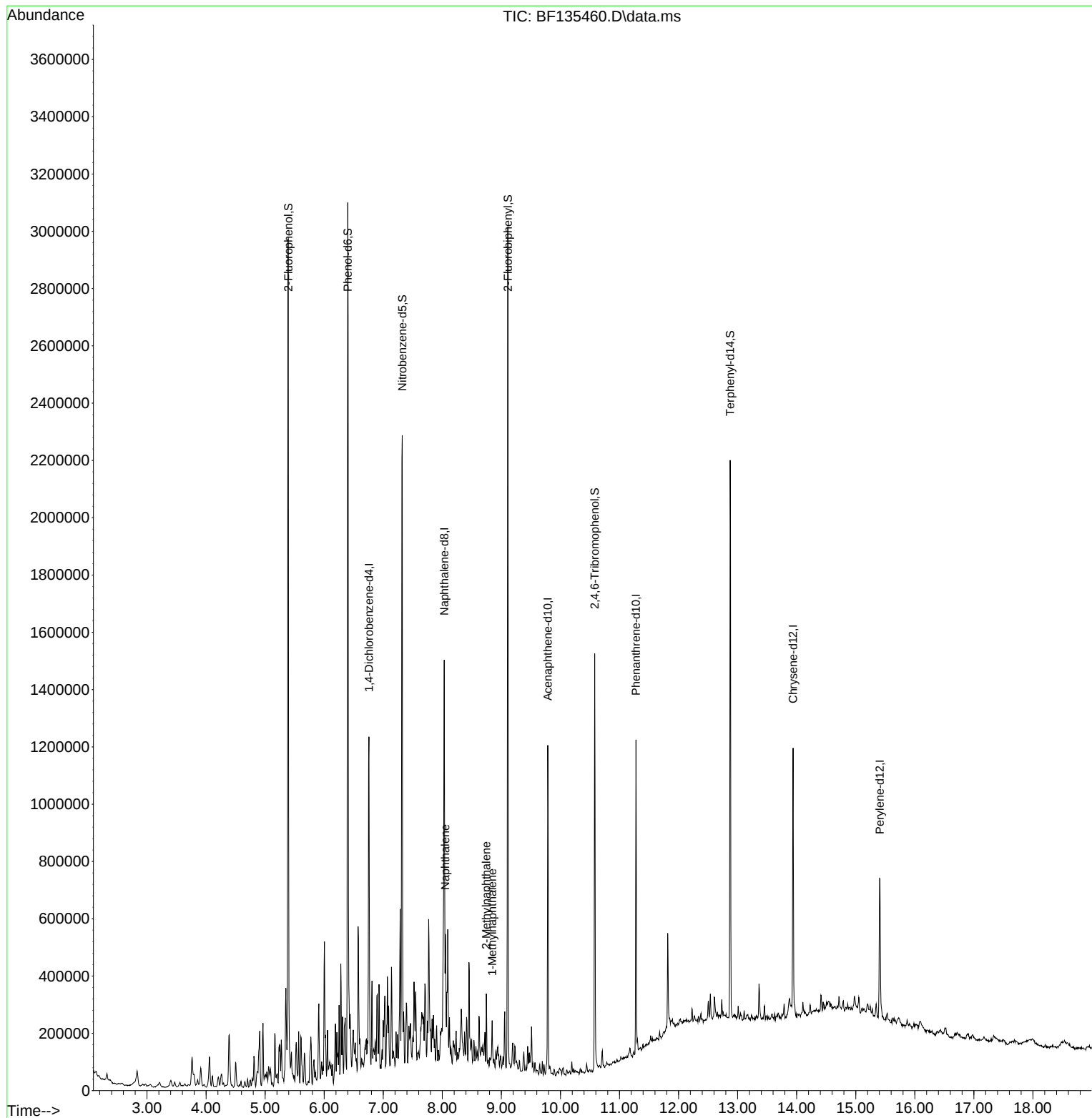
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	158075	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	560650	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	228996	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	380129	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	309038	20.000	ng	0.00
86) Perylene-d12	15.410	264	248664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	890040	91.577	ng	0.01
7) Phenol-d6	6.398	99	1091679	88.336	ng	0.00
23) Nitrobenzene-d5	7.322	82	630111	61.060	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	156123	68.605	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	875368	57.673	ng	0.00
79) Terphenyl-d14	12.874	244	702016	35.214	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.051	128	124665	4.576	ng	# 96
37) 2-Methylnaphthalene	8.745	142	67871	3.707	ng	99
38) 1-Methylnaphthalene	8.845	142	39914	2.328	ng	96

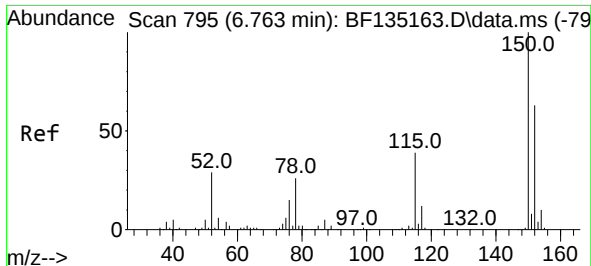
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135460.D
Acq On : 26 Sep 2023 18:58
Operator : CG\JU
Sample : 04566-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B102-08-1

Quant Time: Sep 27 02:16:03 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

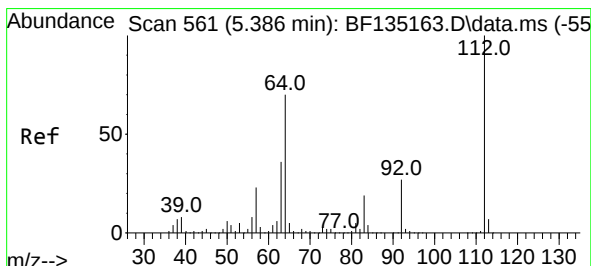
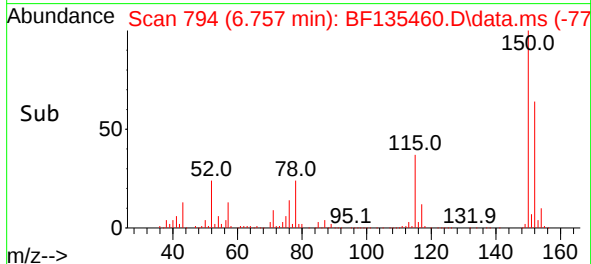
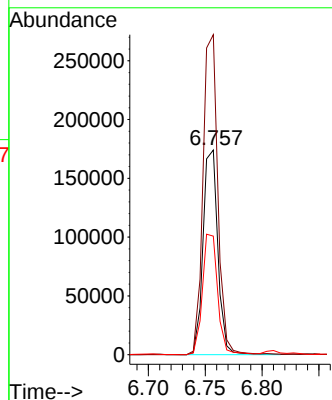
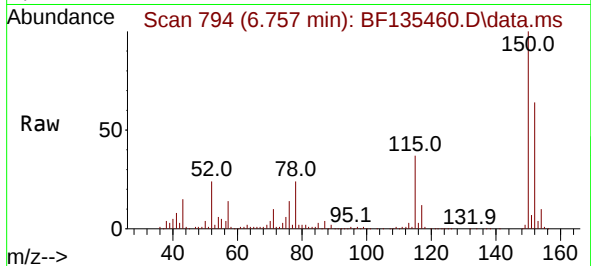




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135460.D
 Acq: 26 Sep 2023 18:58

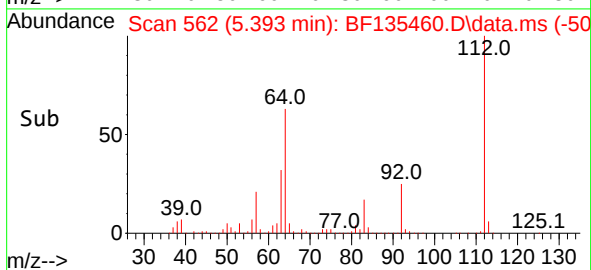
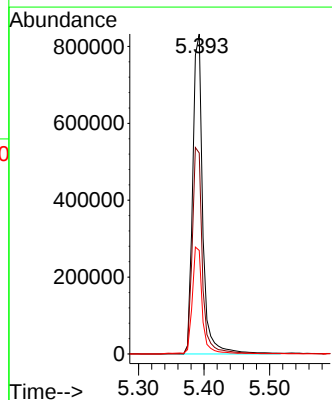
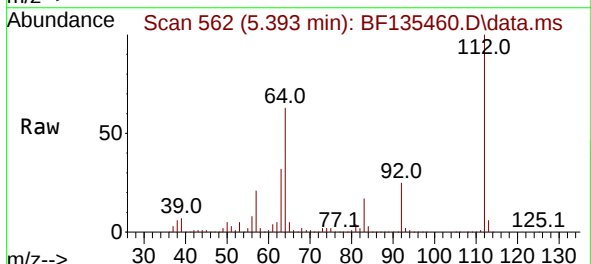
Instrument :
 BNA_F
 ClientSampleId :
 B102-08-1

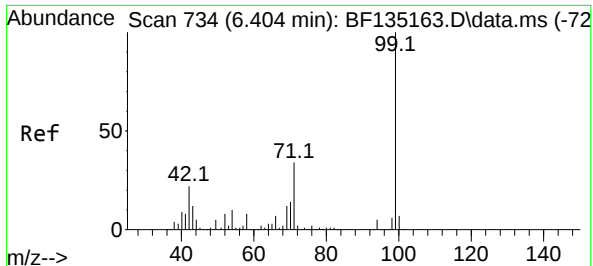
Tgt Ion:152 Resp: 158075
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.8 191.6
 115 58.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 91.577 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135460.D
 Acq: 26 Sep 2023 18:58

Tgt Ion:112 Resp: 890040
 Ion Ratio Lower Upper
 112 100
 64 62.8 55.9 83.9
 63 32.4 29.0 43.6





#7

Phenol-d6

Concen: 88.336 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135460.D

Acq: 26 Sep 2023 18:58

Instrument :

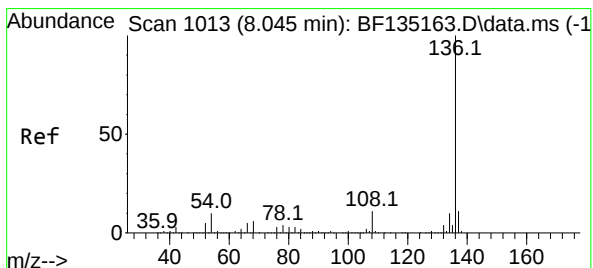
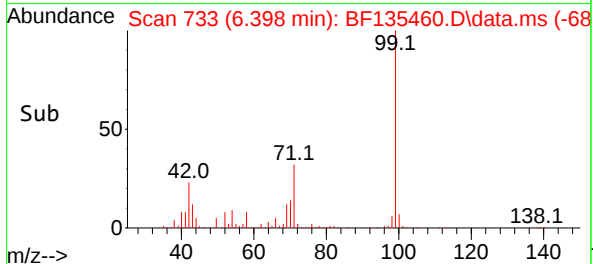
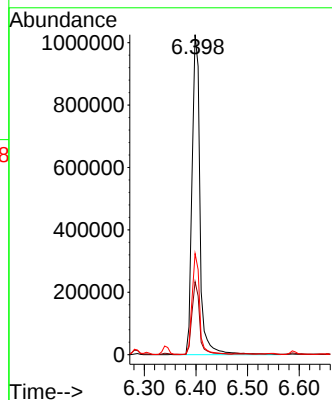
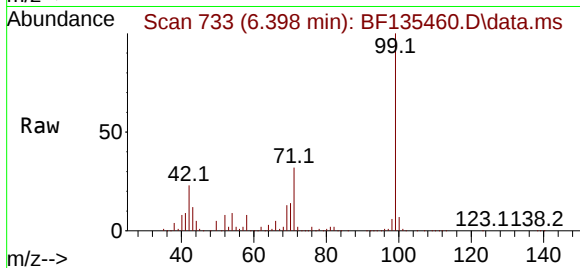
BNA_F

ClientSampleId :

B102-08-1

Tgt Ion: 99 Resp: 1091679

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	31.6	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

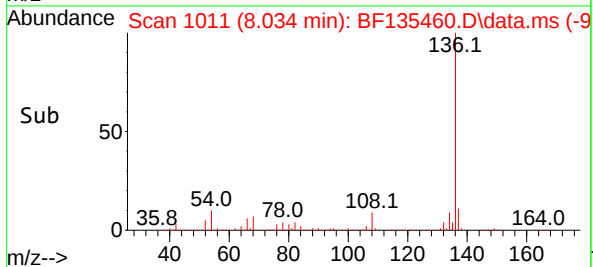
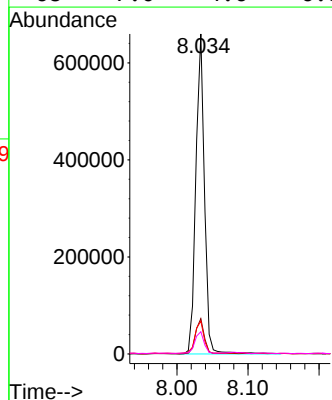
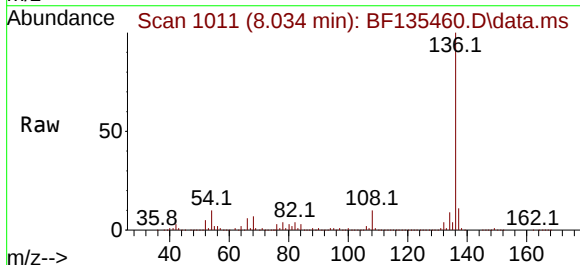
Delta R.T. -0.000 min

Lab File: BF135460.D

Acq: 26 Sep 2023 18:58

Tgt Ion:136 Resp: 560650

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.7	11.5
68	7.0	4.6	6.8

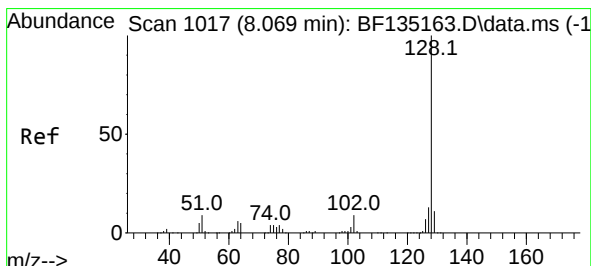
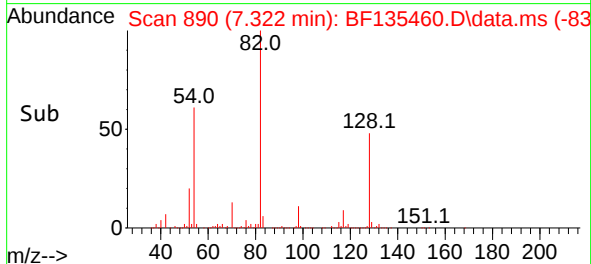
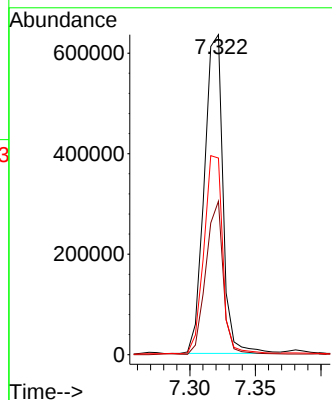
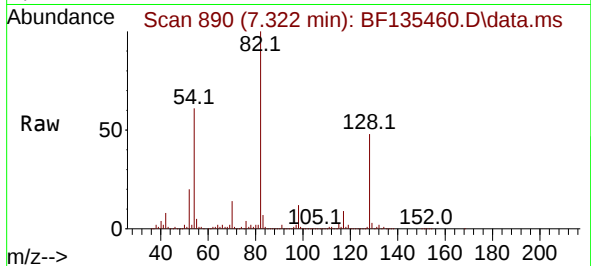




#23
Nitrobenzene-d5
Concen: 61.060 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

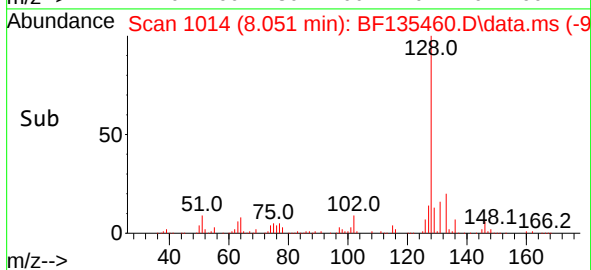
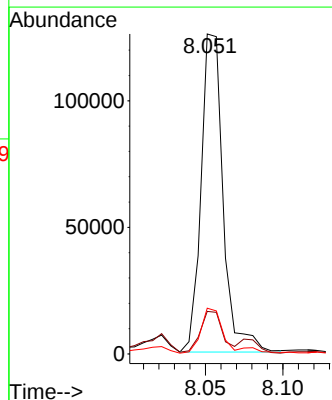
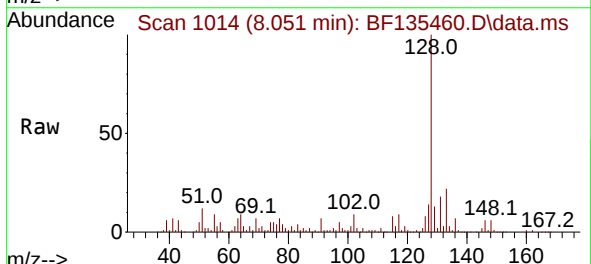
Instrument :
BNA_F
ClientSampleId :
B102-08-1

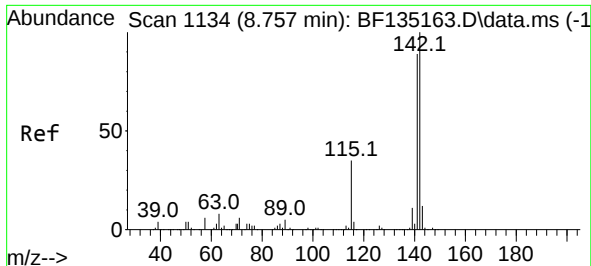
Tgt Ion: 82 Resp: 630111
Ion Ratio Lower Upper
82 100
128 47.9 35.8 53.6
54 61.5 50.6 76.0



#31
Naphthalene
Concen: 4.576 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

Tgt Ion:128 Resp: 124665
Ion Ratio Lower Upper
128 100
129 13.3 8.7 13.1#
127 14.3 10.7 16.1





#37

2-Methylnaphthalene

Concen: 3.707 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF135460.D

Acq: 26 Sep 2023 18:58

Instrument :

BNA_F

ClientSampleId :

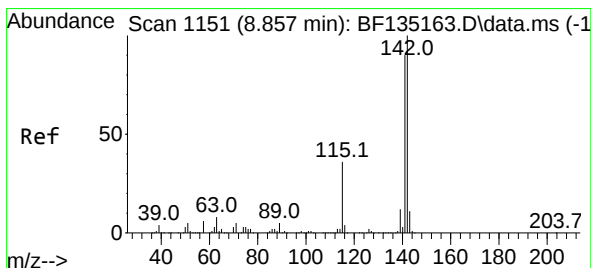
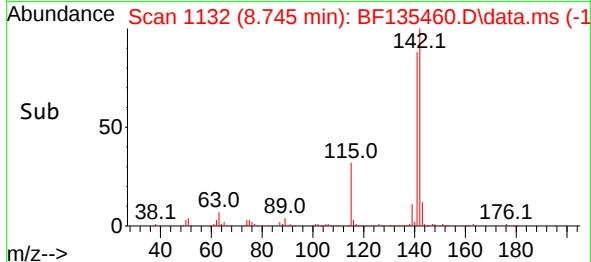
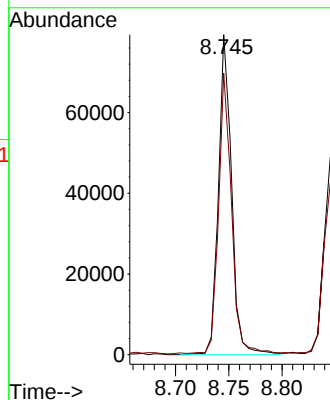
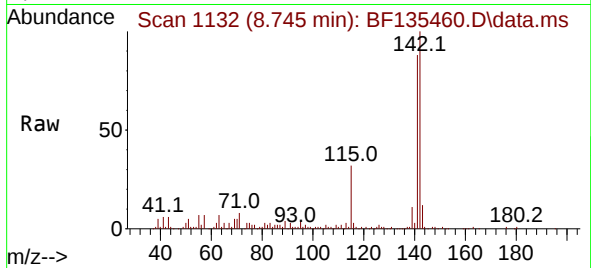
B102-08-1

Tgt Ion:142 Resp: 67871

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 2.328 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135460.D

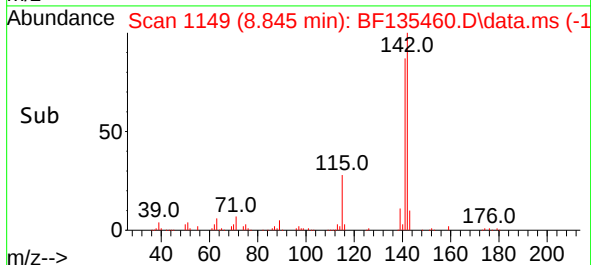
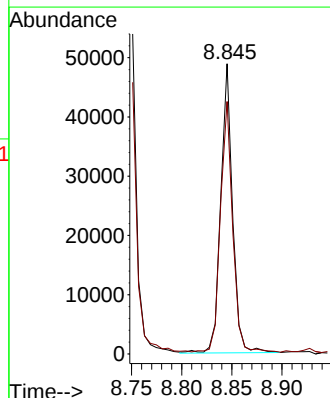
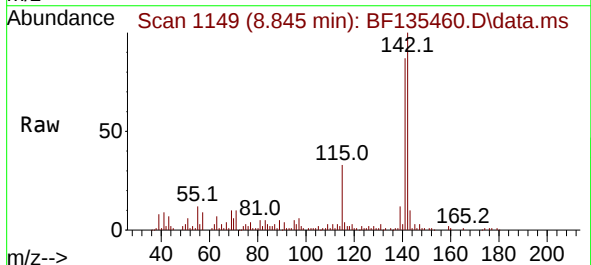
Acq: 26 Sep 2023 18:58

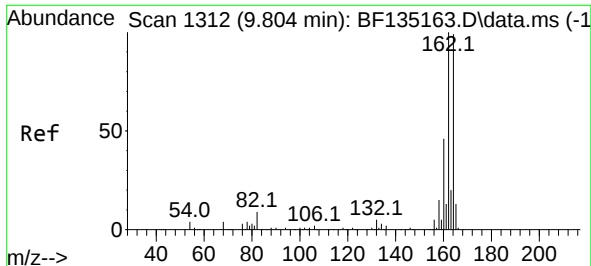
Tgt Ion:142 Resp: 39914

Ion Ratio Lower Upper

142 100

141 87.0 72.4 108.6

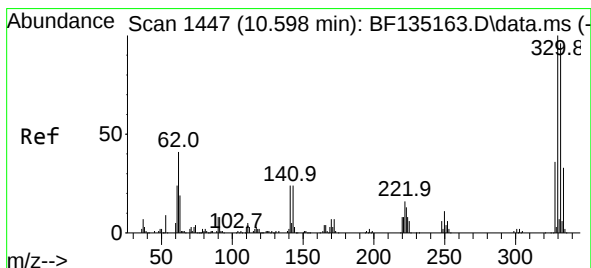
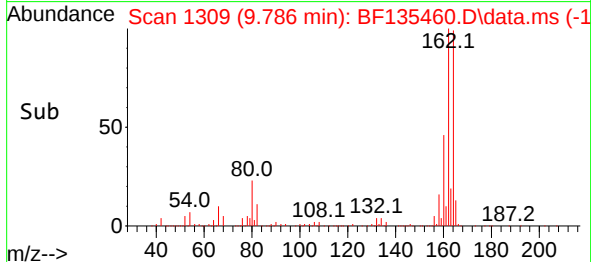
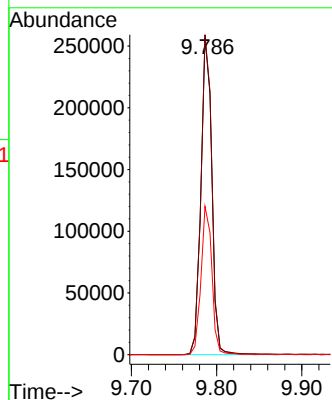
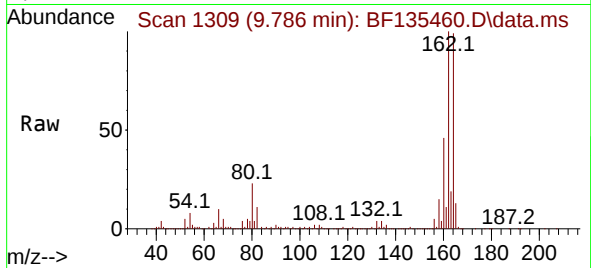




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

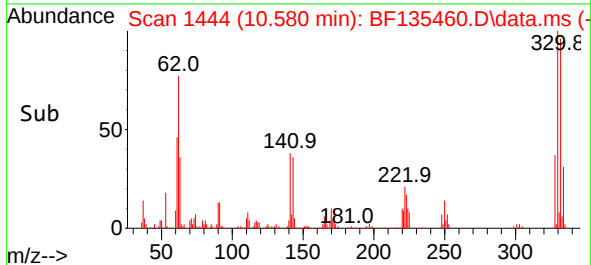
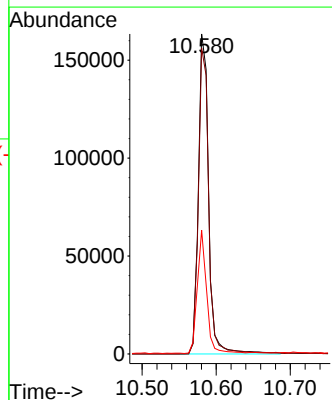
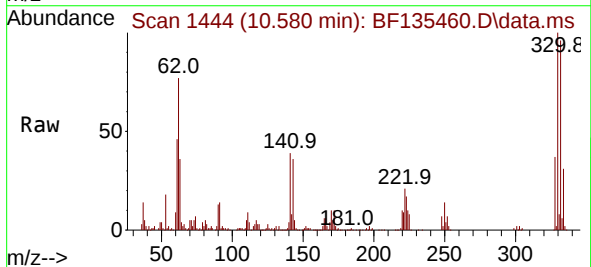
Instrument :
BNA_F
ClientSampleId :
B102-08-1

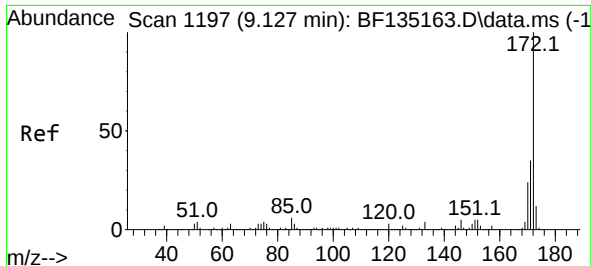
Tgt Ion:164 Resp: 228996
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 46.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 68.605 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

Tgt Ion:330 Resp: 156123
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.2 25.8 38.8

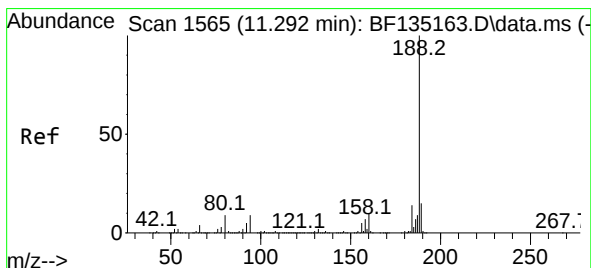
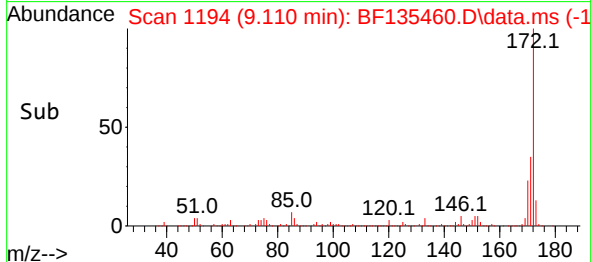
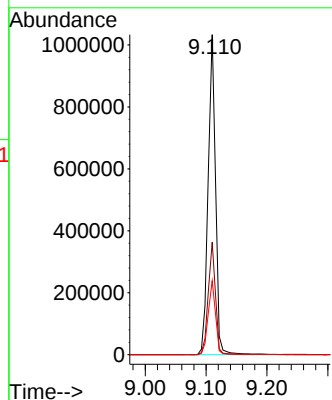
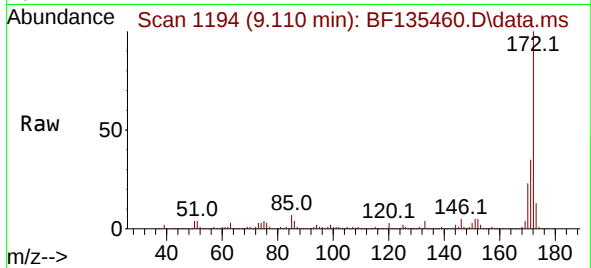




#45
2-Fluorobiphenyl
Concen: 57.673 ng
RT: 9.110 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

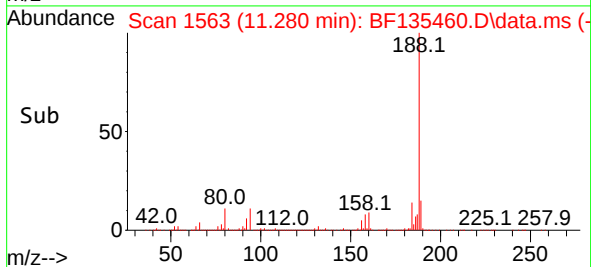
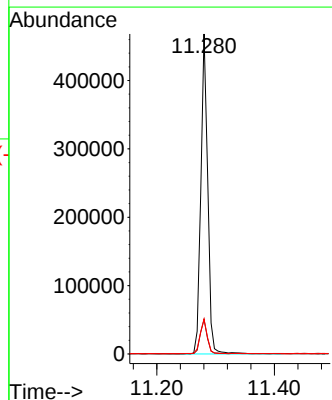
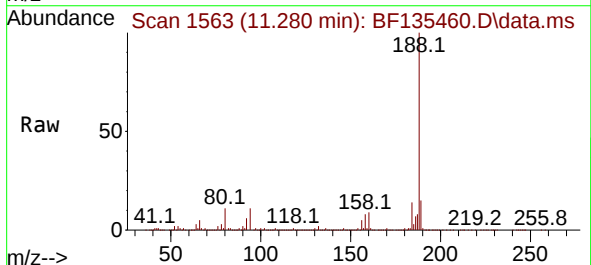
Instrument :
BNA_F
ClientSampleId :
B102-08-1

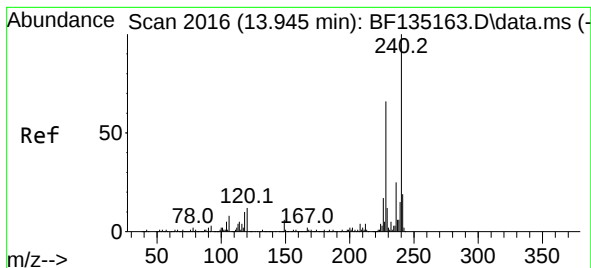
Tgt Ion:172 Resp: 875368
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

Tgt Ion:188 Resp: 380129
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 10.9 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135460.D

Acq: 26 Sep 2023 18:58

Instrument :

BNA_F

ClientSampleId :

B102-08-1

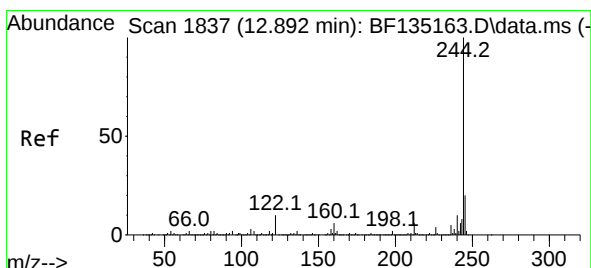
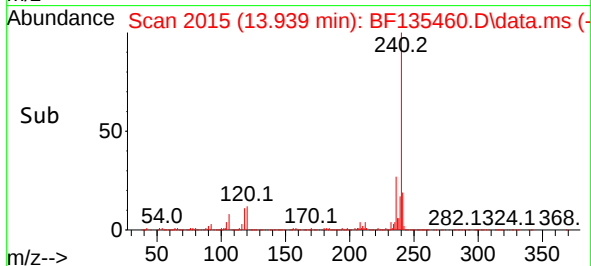
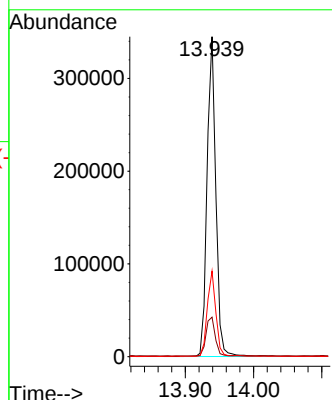
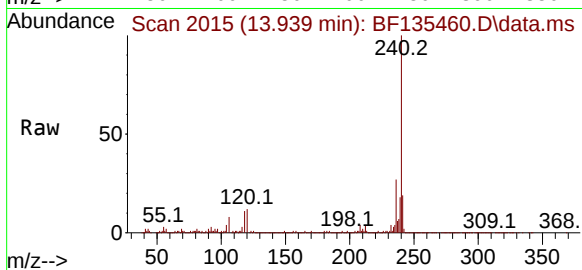
Tgt Ion:240 Resp: 309038

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 26.8 19.8 29.8



#79

Terphenyl-d14

Concen: 35.214 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135460.D

Acq: 26 Sep 2023 18:58

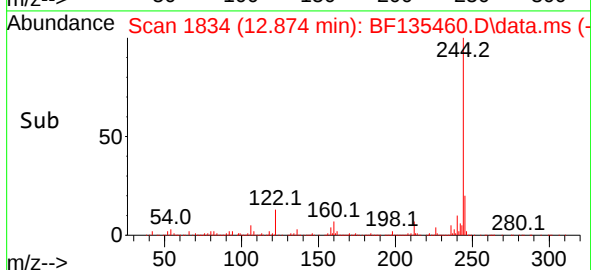
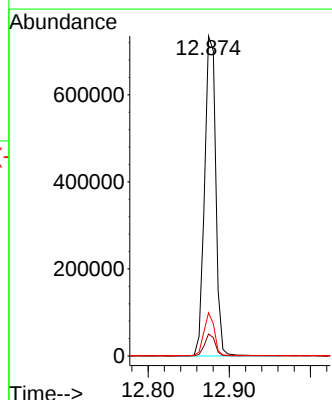
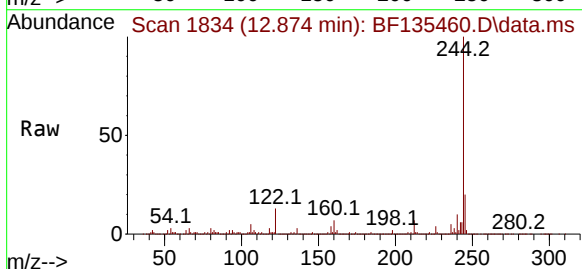
Tgt Ion:244 Resp: 702016

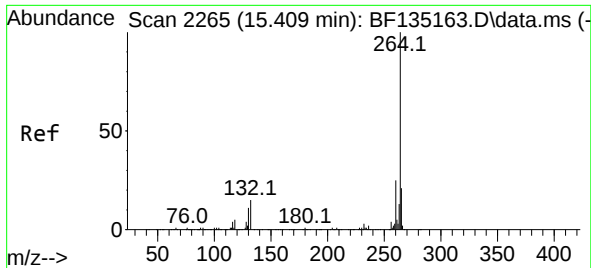
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

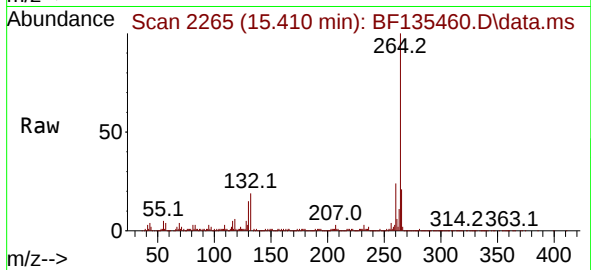
122 13.5 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135460.D
Acq: 26 Sep 2023 18:58

Instrument :
BNA_F
ClientSampleId :
B102-08-1



Tgt Ion:264 Resp: 248664

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.1	17.0	25.4

