

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135458.D
 Acq On : 26 Sep 2023 17:56
 Operator : CG\JU
 Sample : 04531-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Sep 27 02:15:19 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	159268	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	596841	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	275824	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	422445	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	290584	20.000	ng	0.00
86) Perylene-d12	15.404	264	322559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1180055	120.507	ng	0.02
7) Phenol-d6	6.404	99	1437194	115.423	ng	0.00
23) Nitrobenzene-d5	7.322	82	988655	89.996	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	303280	110.645	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1586661	86.788	ng	0.00
79) Terphenyl-d14	12.880	244	1280795	68.327	ng	0.00

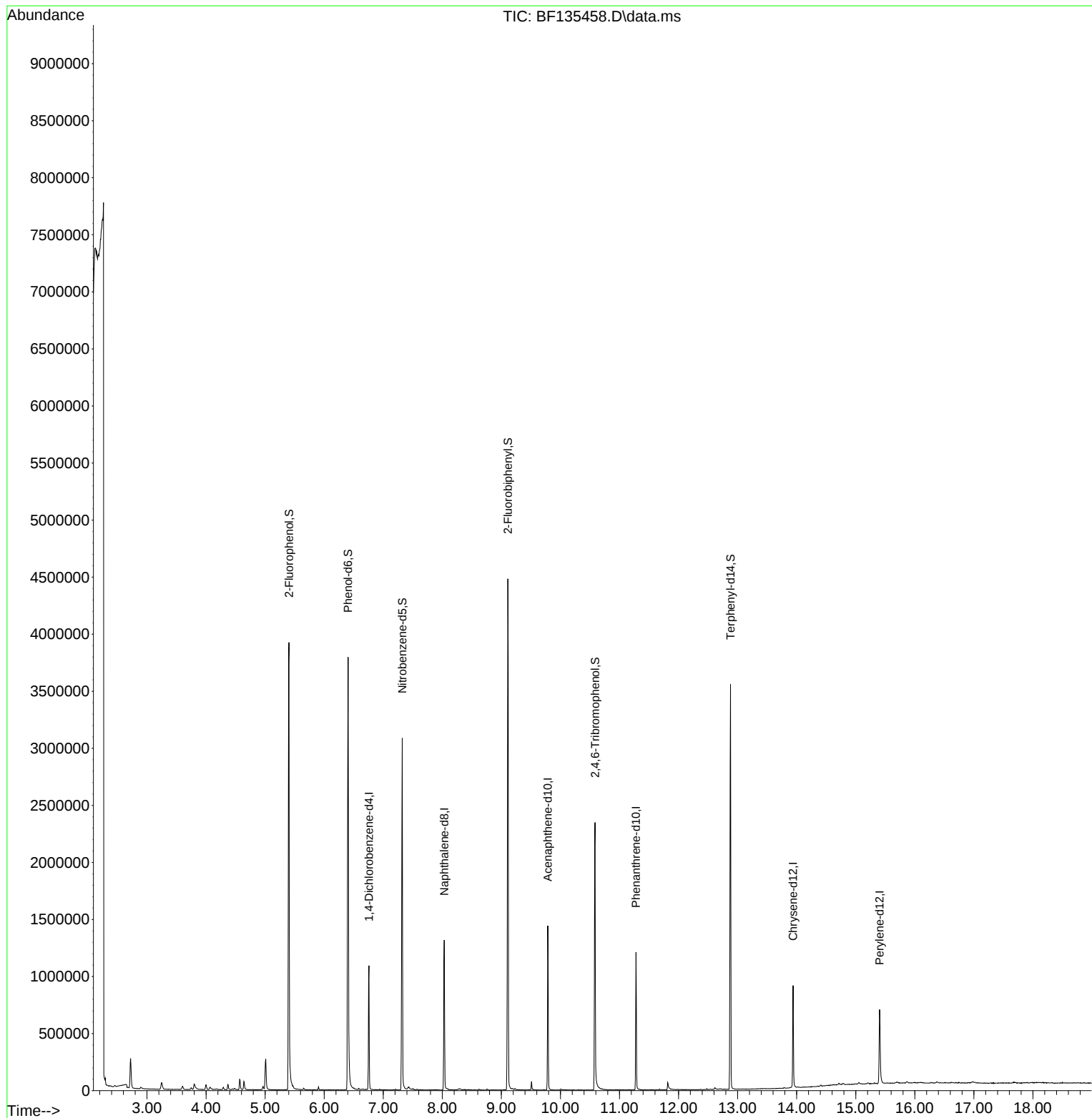
Target Compounds	Qvalue

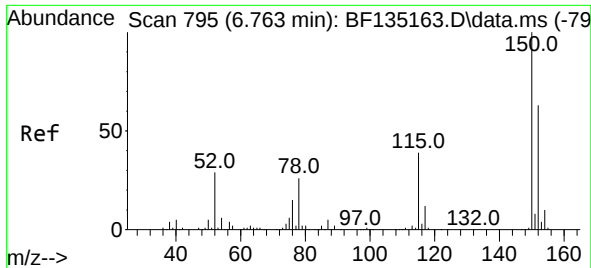
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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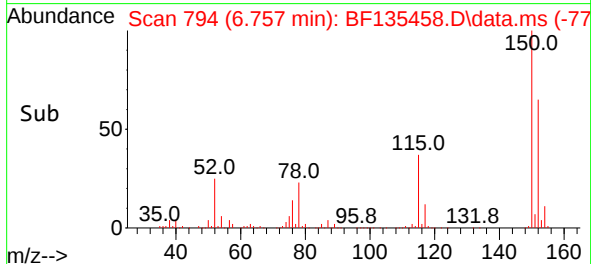
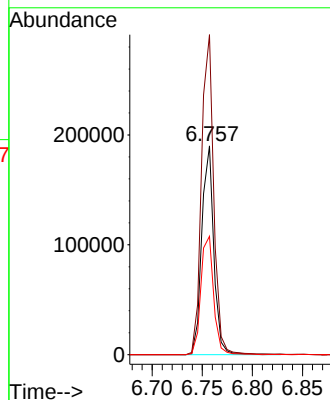
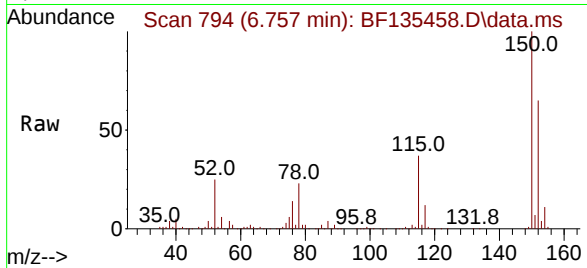




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF135458.D
Acq: 26 Sep 2023 17:56

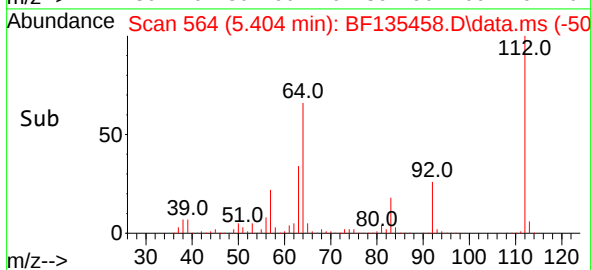
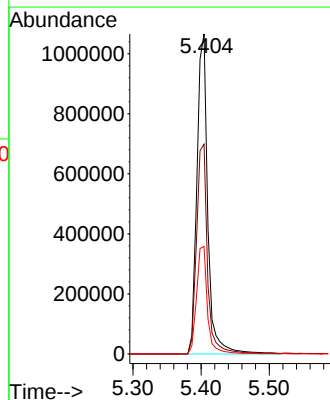
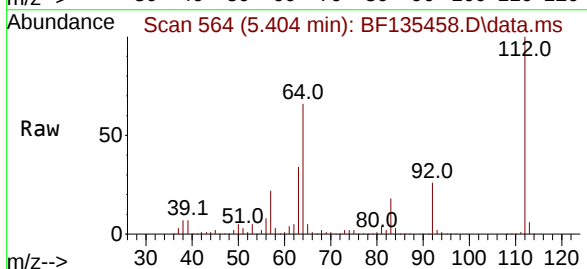
Instrument :
BNA_F
ClientSampleId :
TP-A

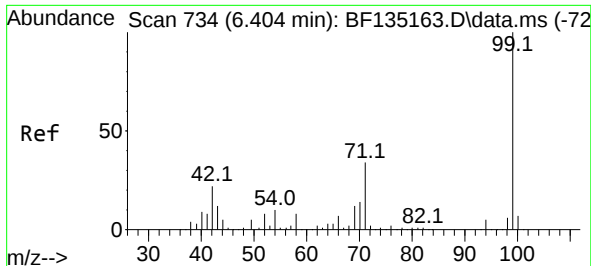
Tgt Ion:152 Resp: 159268
Ion Ratio Lower Upper
152 100
150 153.2 127.8 191.6
115 56.7 49.8 74.8



#5
2-Fluorophenol
Concen: 120.507 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF135458.D
Acq: 26 Sep 2023 17:56

Tgt Ion:112 Resp: 1180055
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 33.6 29.0 43.6





#7

Phenol-d6

Concen: 115.423 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135458.D

Acq: 26 Sep 2023 17:56

Instrument :

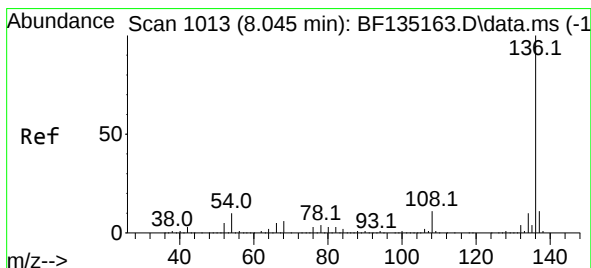
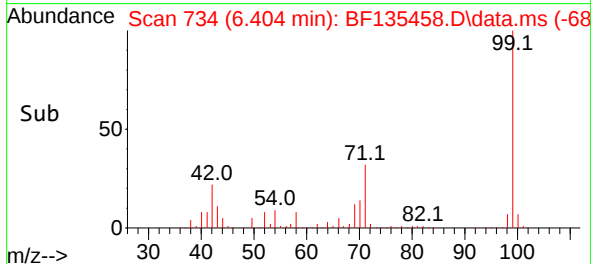
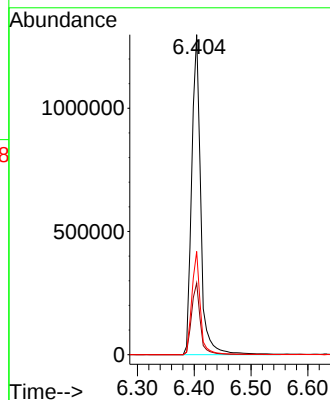
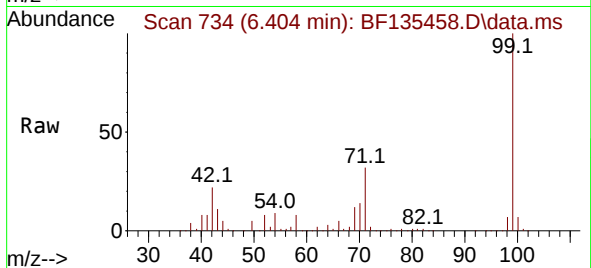
BNA_F

ClientSampleId :

TP-A

Tgt Ion: 99 Resp: 1437194

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	32.3	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.033 min Scan# 1011

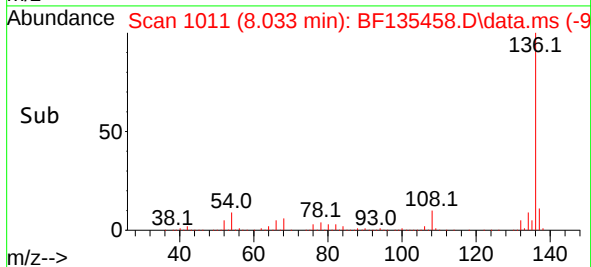
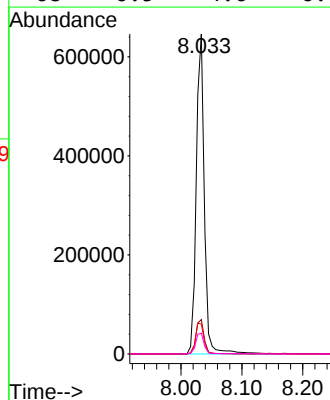
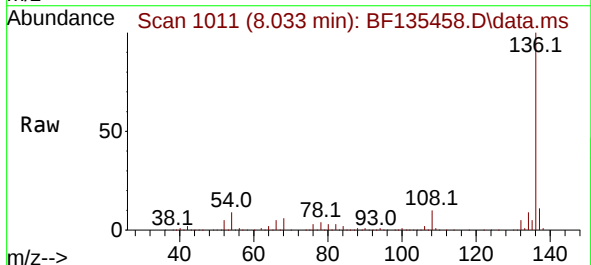
Delta R.T. -0.000 min

Lab File: BF135458.D

Acq: 26 Sep 2023 17:56

Tgt Ion:136 Resp: 596841

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.4	7.7	11.5
68	6.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 89.996 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135458.D

Acq: 26 Sep 2023 17:56

Instrument :

BNA_F

ClientSampleId :

TP-A

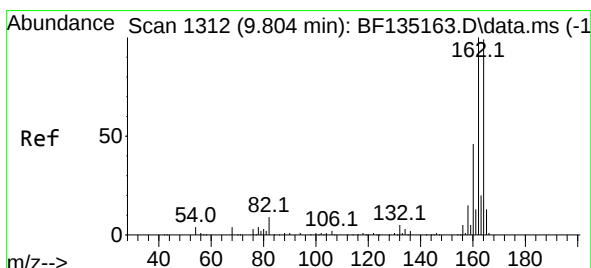
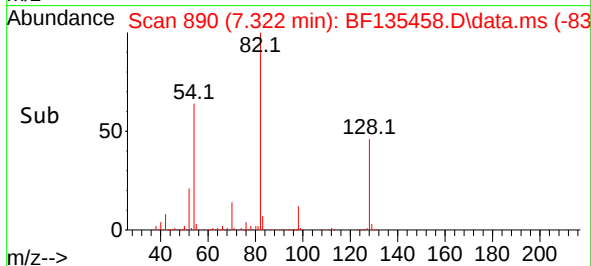
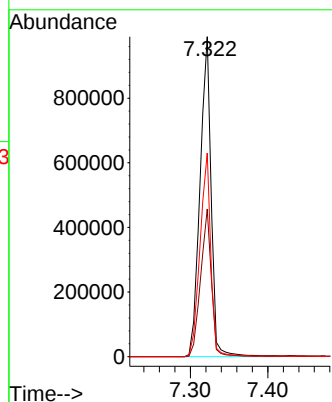
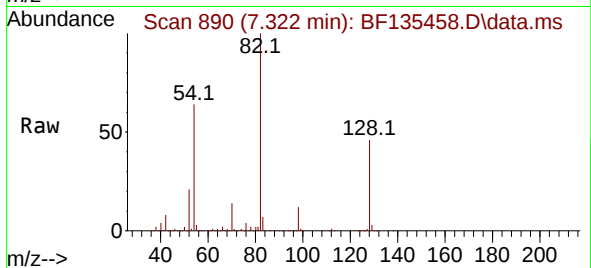
Tgt Ion: 82 Resp: 988655

Ion Ratio Lower Upper

82 100

128 46.1 35.8 53.6

54 63.6 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: BF135458.D

Acq: 26 Sep 2023 17:56

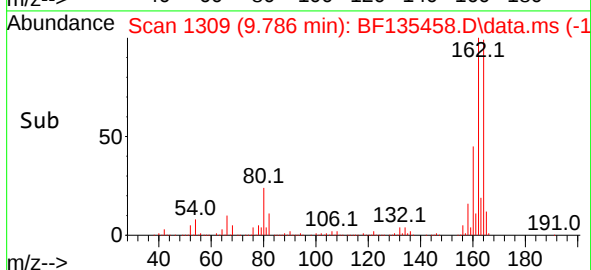
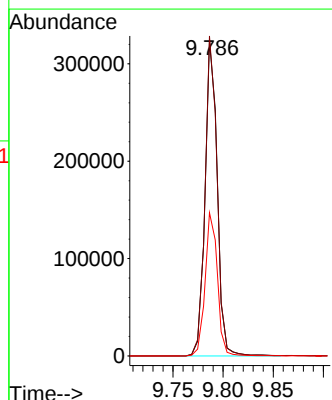
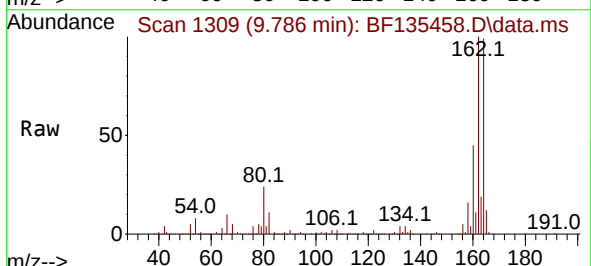
Tgt Ion: 164 Resp: 275824

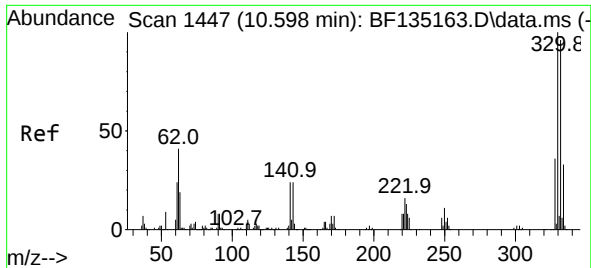
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 45.4 37.0 55.4

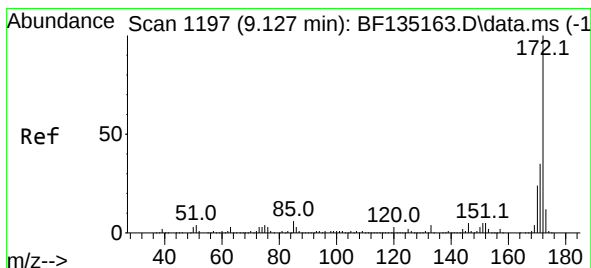
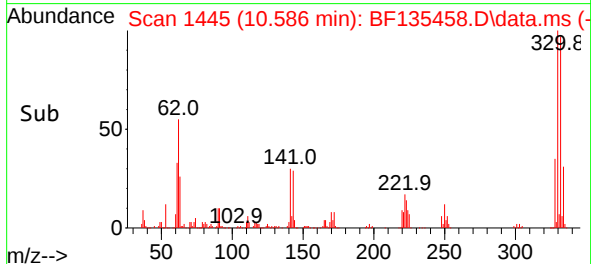
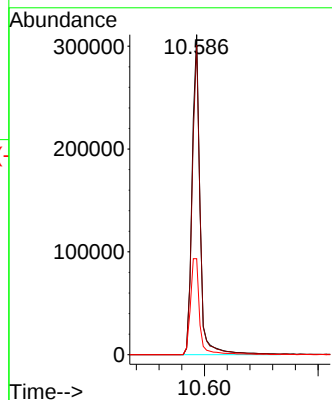
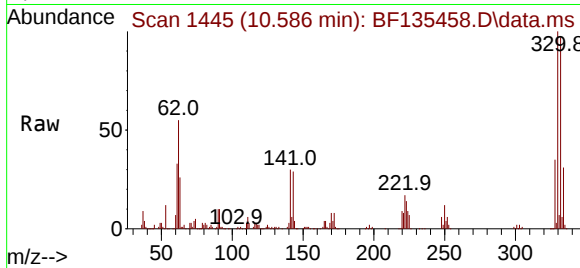




#42
2,4,6-Tribromophenol
Concen: 110.645 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135458.D
Acq: 26 Sep 2023 17:56

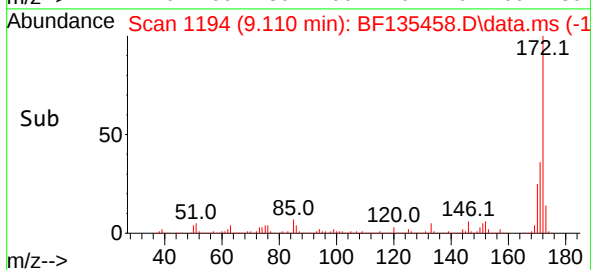
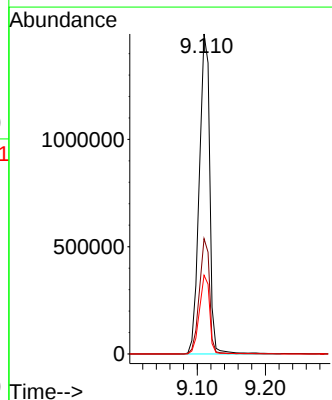
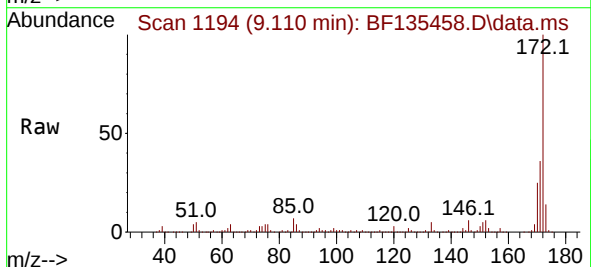
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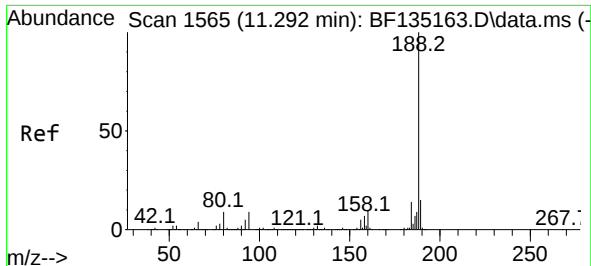
Tgt Ion:330 Resp: 303280
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.788 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135458.D
Acq: 26 Sep 2023 17:56

Tgt Ion:172 Resp: 1586661
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.6 19.0 28.4

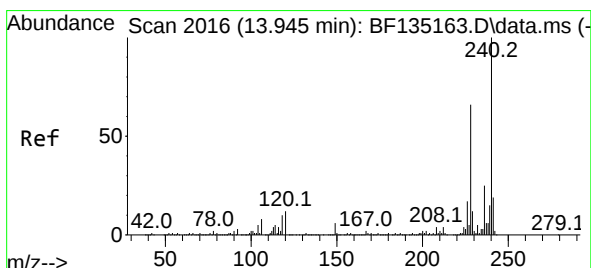
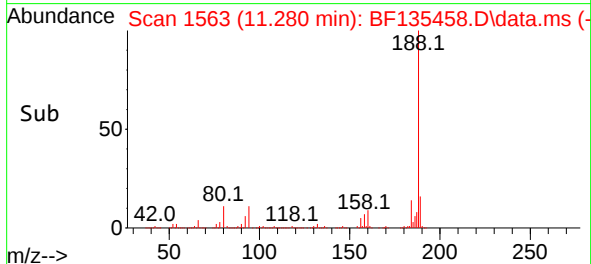
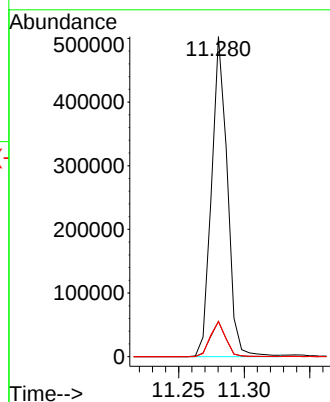
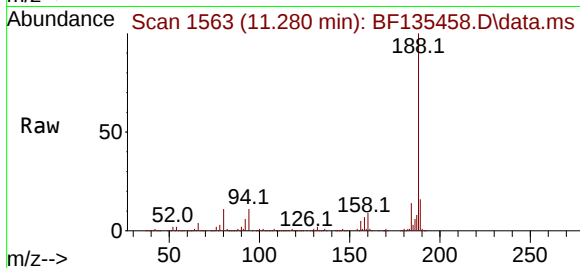




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135458.D
Acq: 26 Sep 2023 17:56

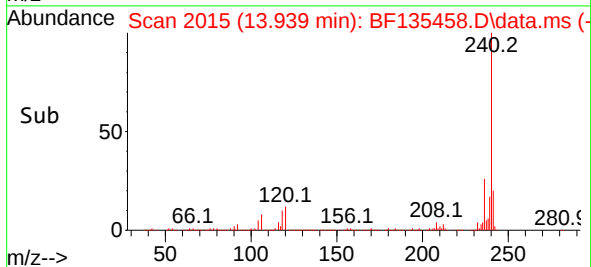
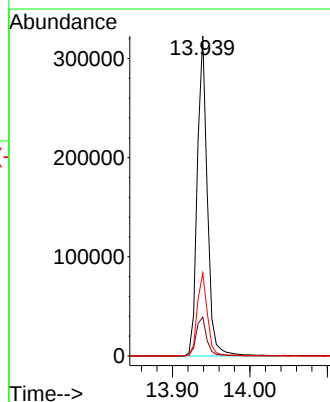
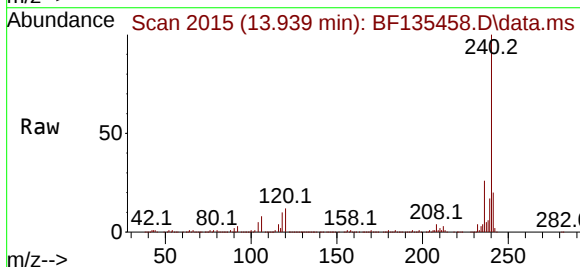
Instrument :
BNA_F
ClientSampleId :
TP-A

Tgt Ion:188 Resp: 422445
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.0 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: BF135458.D
Acq: 26 Sep 2023 17:56

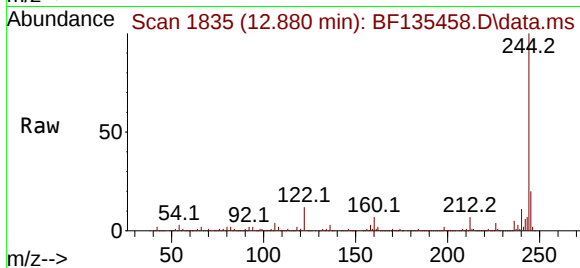
Tgt Ion:240 Resp: 290584
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.9 19.8 29.8



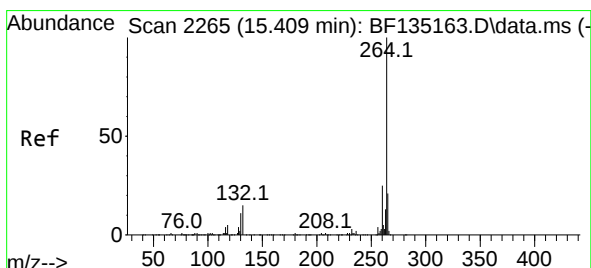
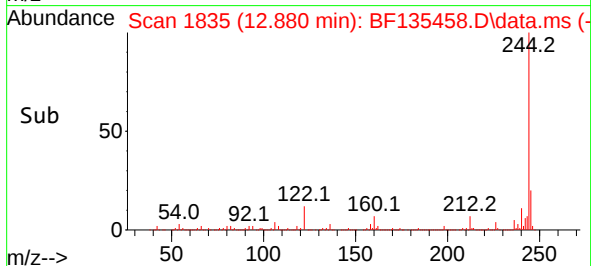
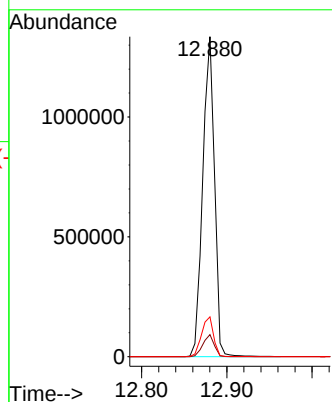


#79
 Terphenyl-d14
 Concen: 68.327 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135458.D
 Acq: 26 Sep 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-A



Tgt Ion:244 Resp: 1280795
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.5 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: BF135458.D
 Acq: 26 Sep 2023 17:56

Tgt Ion:264 Resp: 322559
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.3 17.0 25.4

