

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135477.D
 Acq On : 27 Sep 2023 17:33
 Operator : CG\JU
 Sample : 04601-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Sep 28 01:50:18 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	159586	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	601331	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	281920	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	470325	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	246901	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	307282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1215324	123.862	ng	0.02
7) Phenol-d6	6.404	99	1421856	113.963	ng	0.00
23) Nitrobenzene-d5	7.322	82	1030968	93.147	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	314009	112.082	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1665608	89.137	ng	0.00
79) Terphenyl-d14	12.880	244	1291333	81.078	ng	0.00

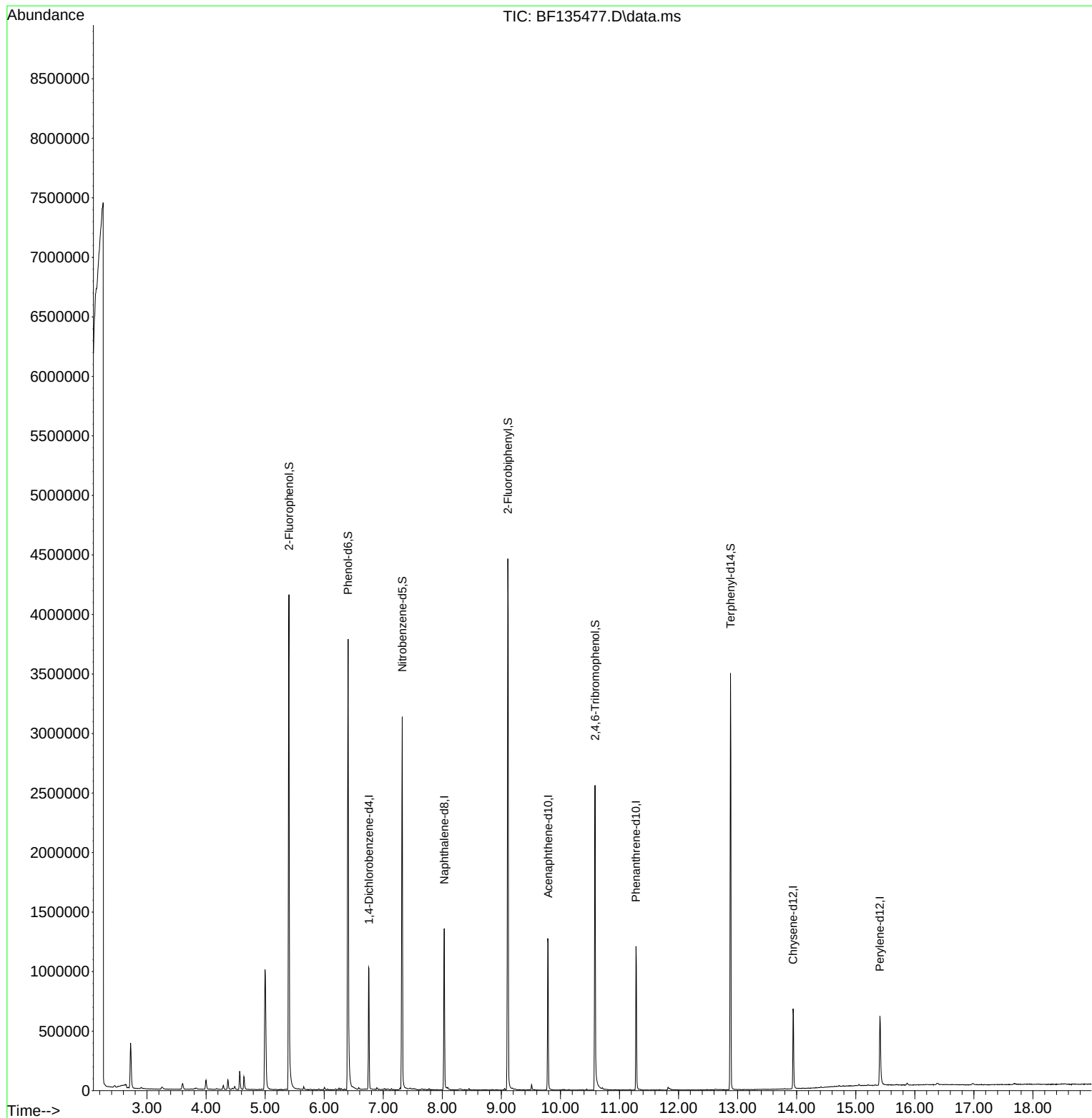
Target Compounds	Qvalue

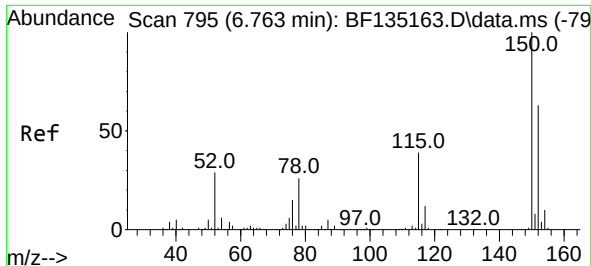
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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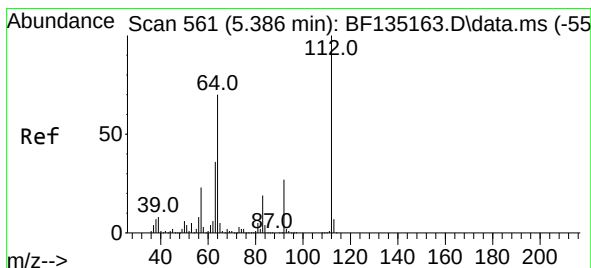
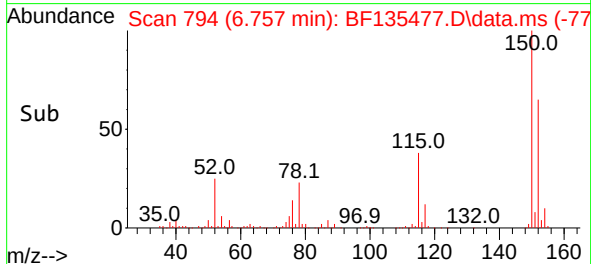
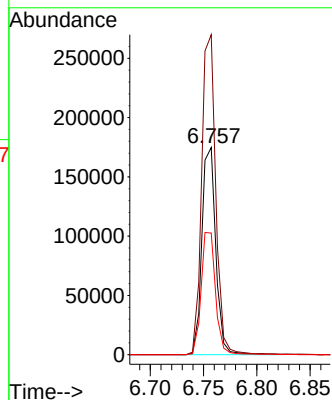
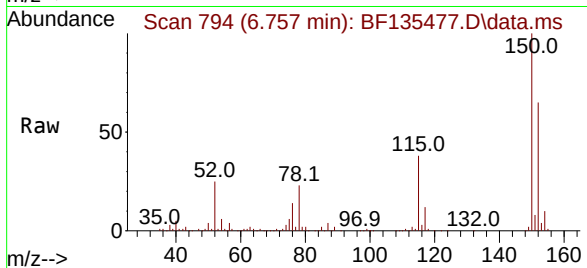




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

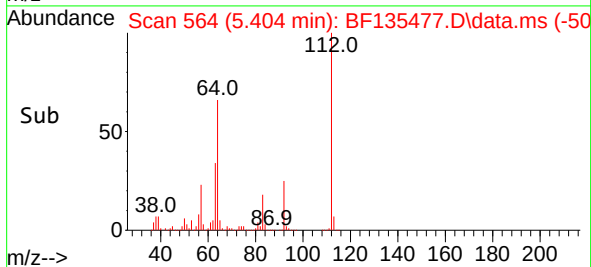
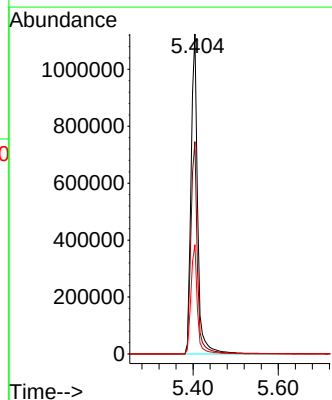
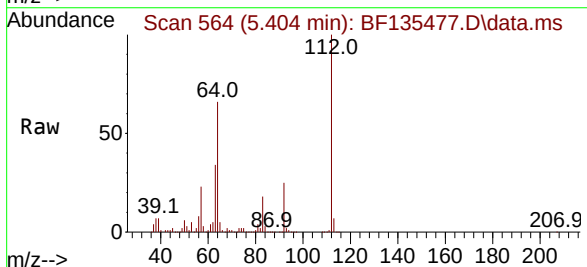
Instrument :
BNA_F
ClientSampleId :
TP-1

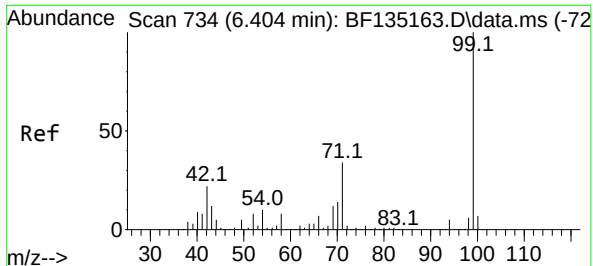
Tgt Ion:152 Resp: 159586
Ion Ratio Lower Upper
152 100
150 154.4 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 123.862 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

Tgt Ion:112 Resp: 1215324
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 34.2 29.0 43.6

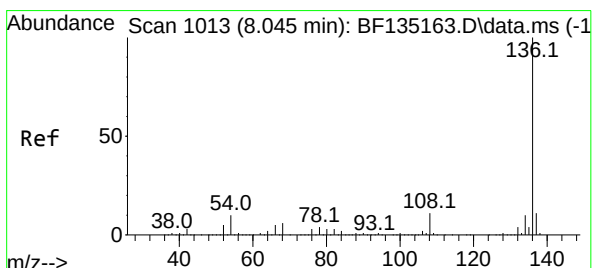
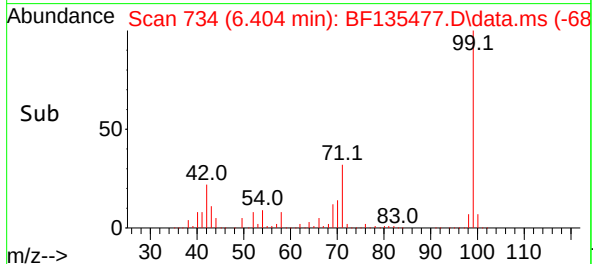
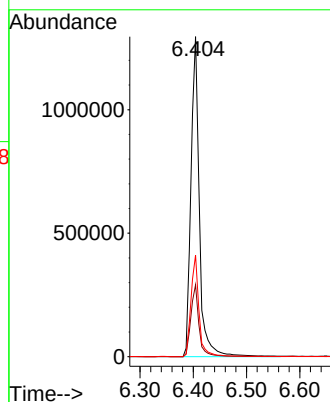
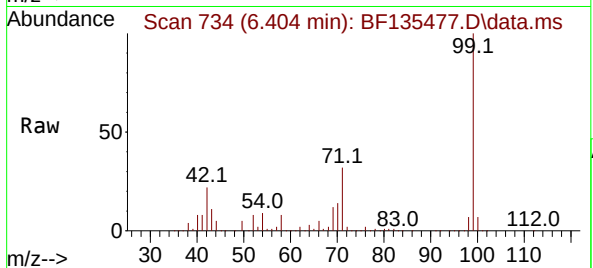




#7
Phenol-d6
Concen: 113.963 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

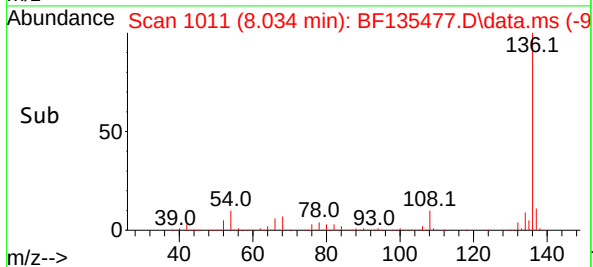
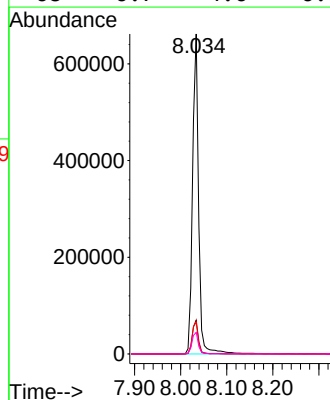
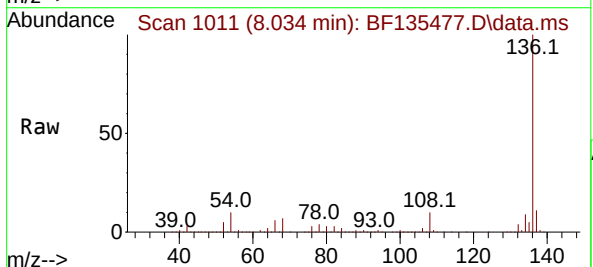
Instrument :
BNA_F
ClientSampleId :
TP-1

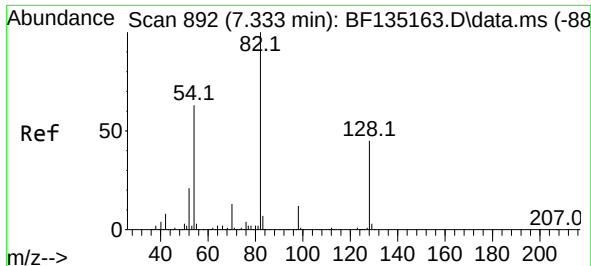
Tgt Ion: 99 Resp: 1421856
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 31.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

Tgt Ion:136 Resp: 601331
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.9 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 93.147 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135477.D

Acq: 27 Sep 2023 17:33

Instrument :

BNA_F

ClientSampleId :

TP-1

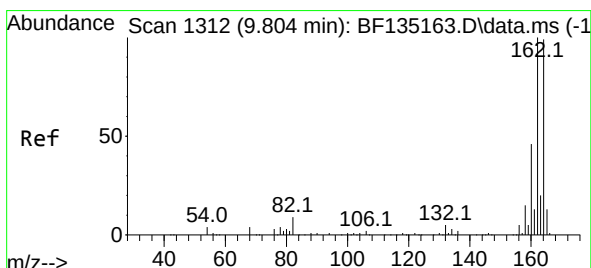
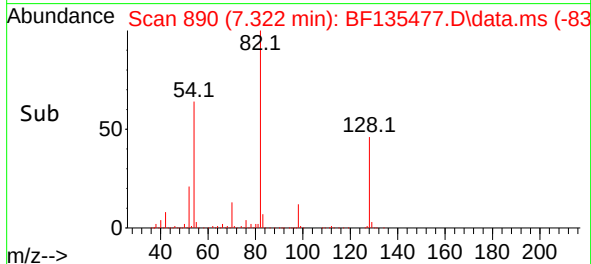
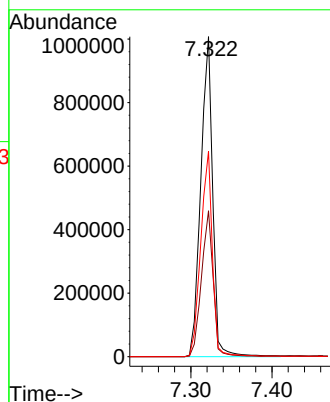
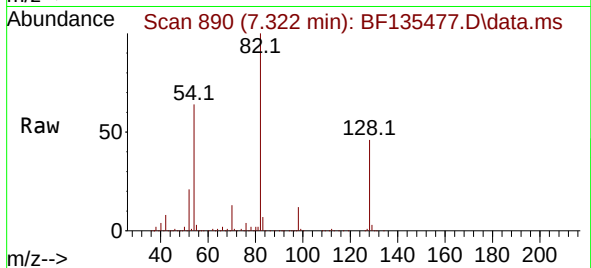
Tgt Ion: 82 Resp: 1030968

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 64.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF135477.D

Acq: 27 Sep 2023 17:33

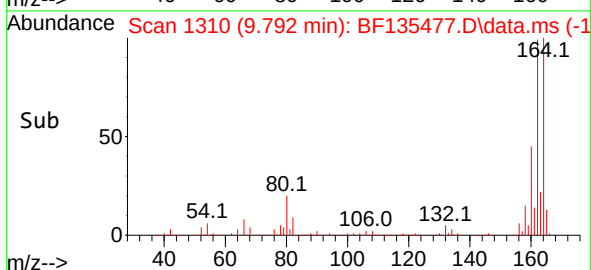
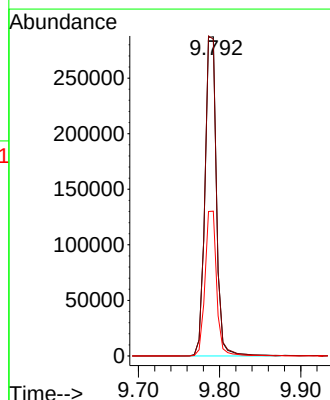
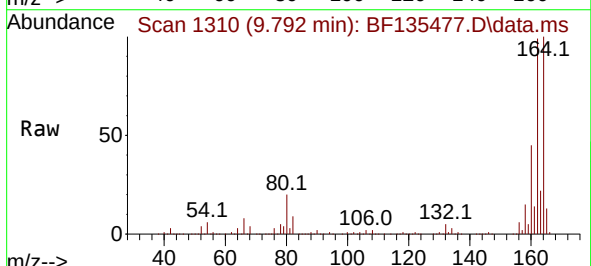
Tgt Ion:164 Resp: 281920

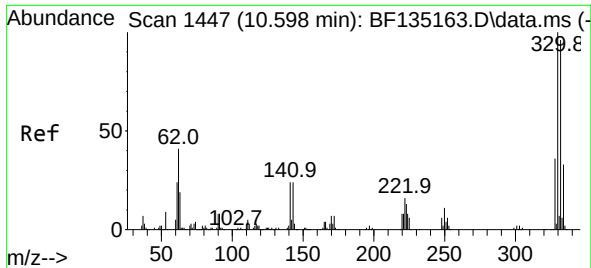
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

160 45.4 37.0 55.4

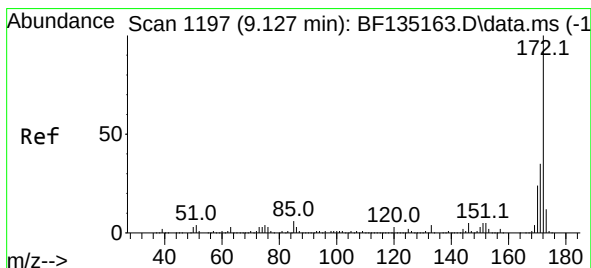
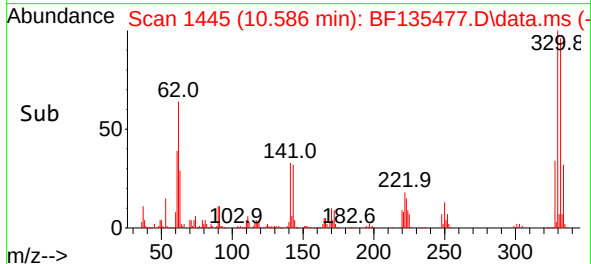
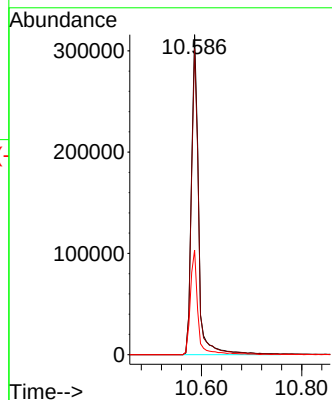
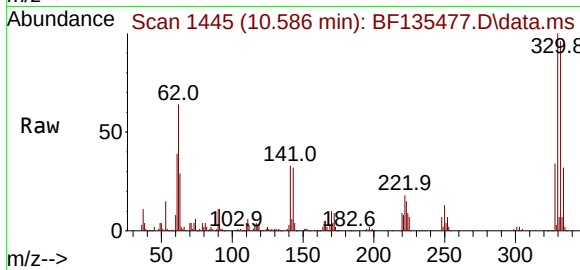




#42
2,4,6-Tribromophenol
Concen: 112.082 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

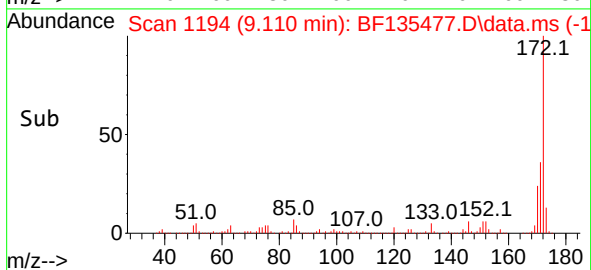
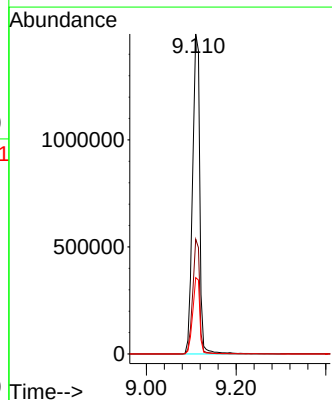
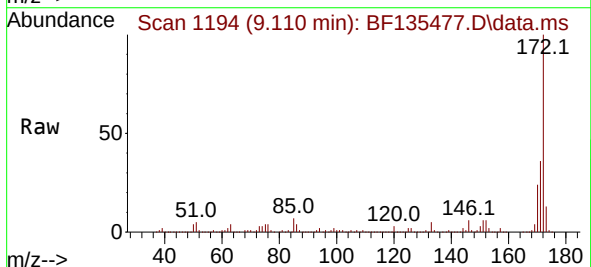
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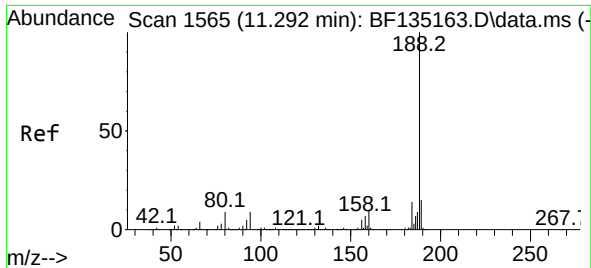
Tgt Ion:330 Resp: 314009
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 34.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.137 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

Tgt Ion:172 Resp: 1665608
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.0 28.4

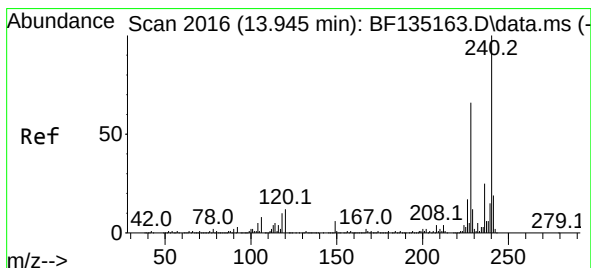
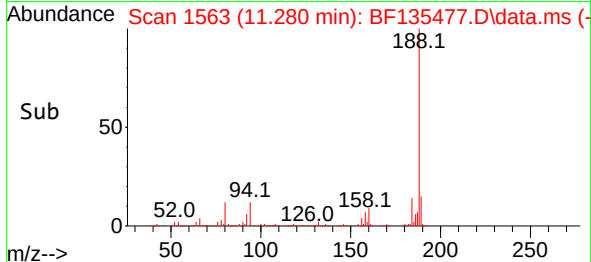
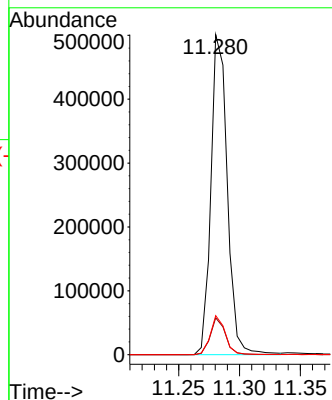
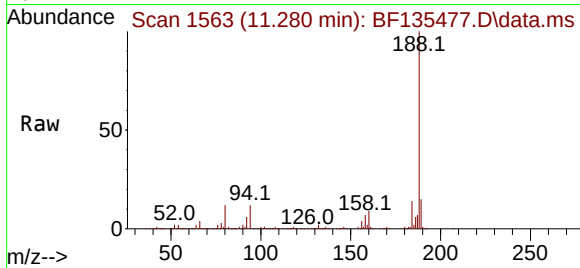




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

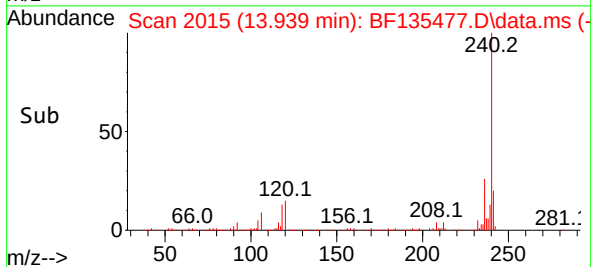
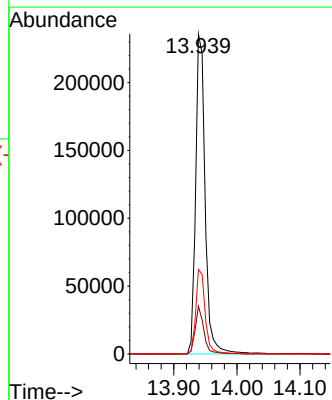
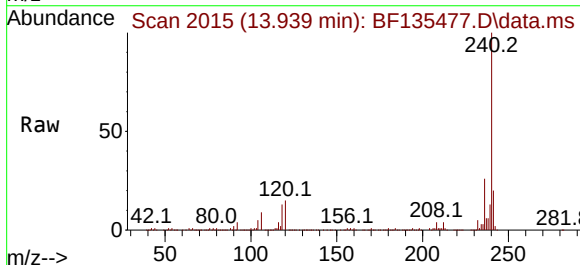
Instrument :
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TP-1

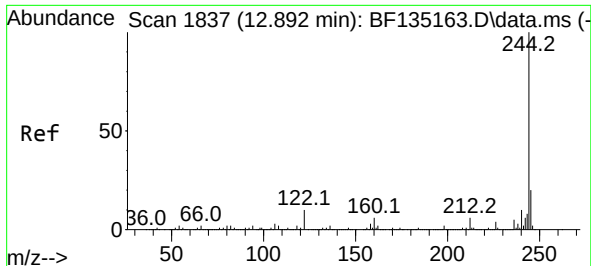
Tgt Ion:188 Resp: 470325
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135477.D
Acq: 27 Sep 2023 17:33

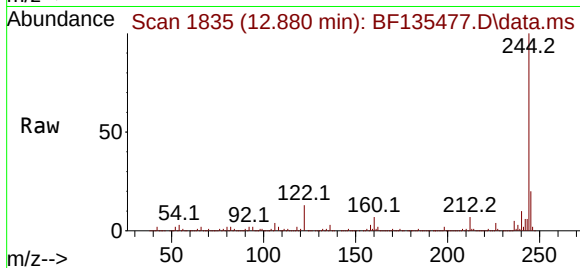
Tgt Ion:240 Resp: 246901
Ion Ratio Lower Upper
240 100
120 14.9 9.4 14.2#
236 26.4 19.8 29.8



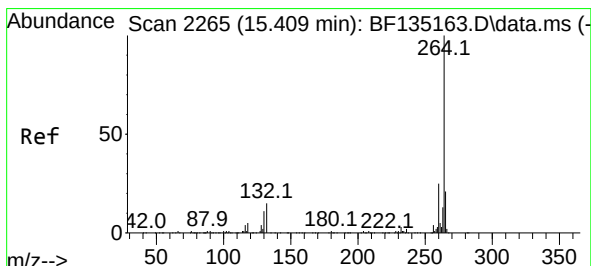
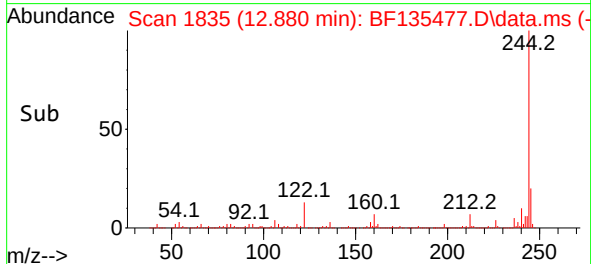
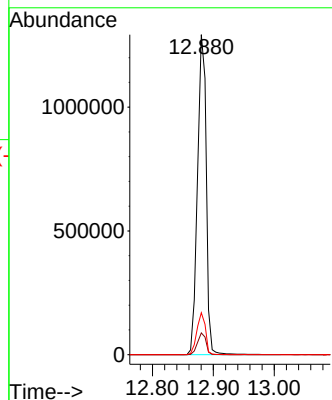


#79
 Terphenyl-d14
 Concen: 81.078 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135477.D
 Acq: 27 Sep 2023 17:33

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1291333
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135477.D
 Acq: 27 Sep 2023 17:33

Tgt Ion:264 Resp: 307282
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.1 17.0 25.4

