

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135236.D
 Acq On : 13 Sep 2023 22:31
 Operator : CG\JU
 Sample : 04338-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Sep 14 02:24:51 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	100657	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	363703	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	142935	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	234711	20.000	ng	0.00
76) Chrysene-d12	13.945	240	201179	20.000	ng	0.00
86) Perylene-d12	15.410	264	168988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	897627	145.041	ng	0.02
7) Phenol-d6	6.410	99	1032837	131.248	ng	0.00
23) Nitrobenzene-d5	7.328	82	726577	108.535	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	209142	147.239	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1124595	118.704	ng	0.00
79) Terphenyl-d14	12.892	244	988003	76.131	ng	0.00

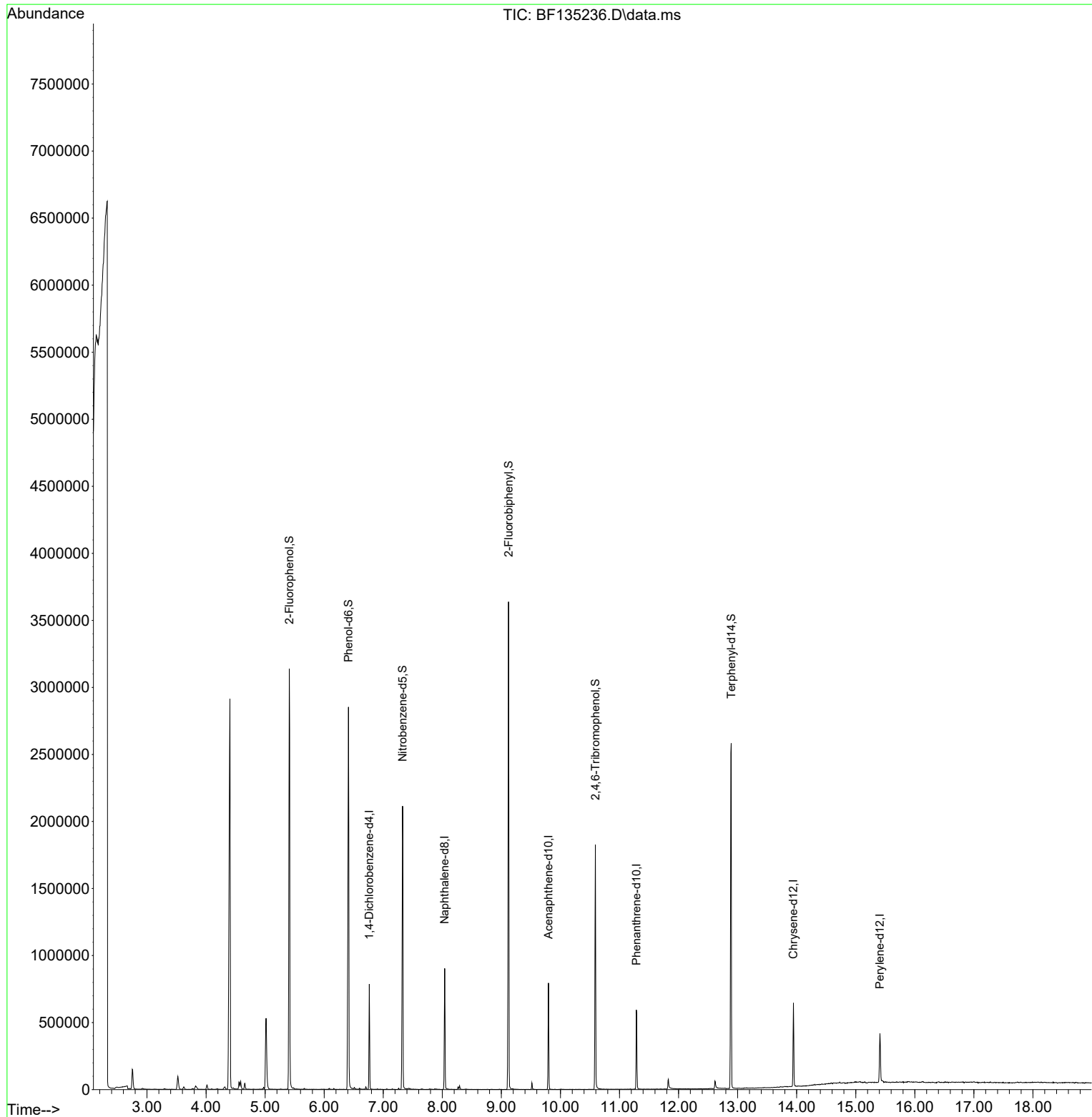
Target Compounds	Qvalue

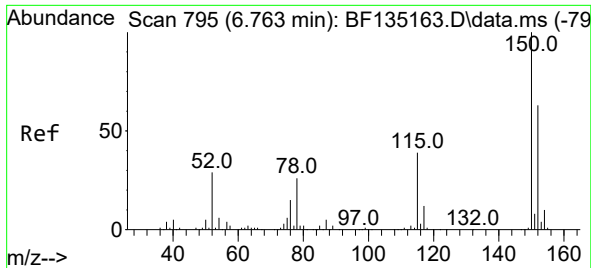
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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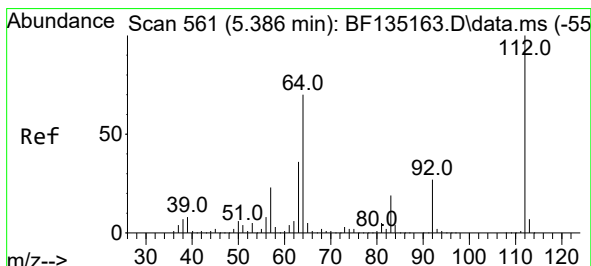
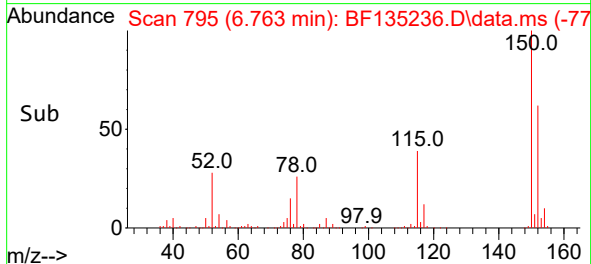
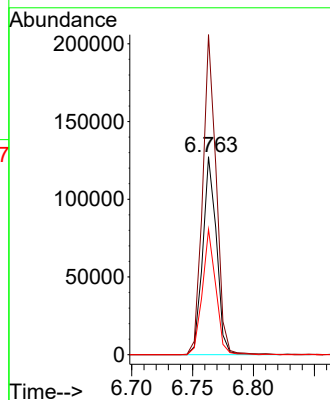
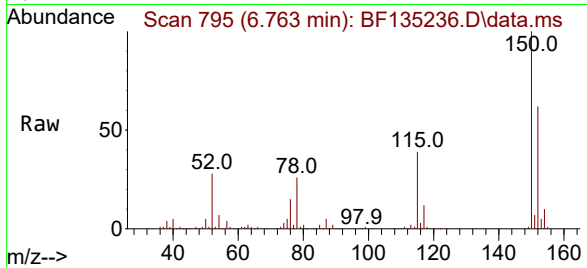




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

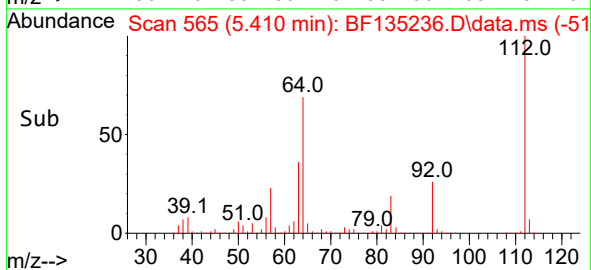
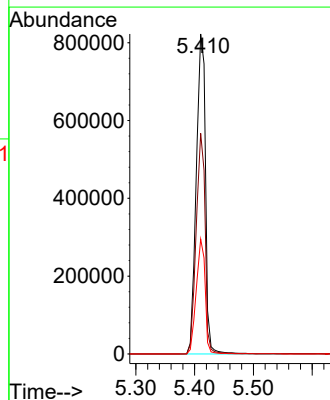
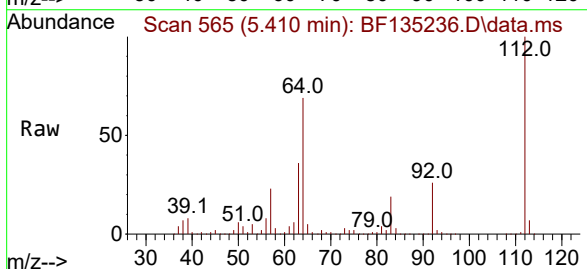
Instrument :
BNA_F
ClientSampleId :
TP4

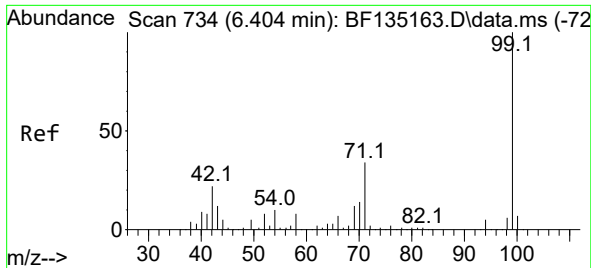
Tgt Ion:152 Resp: 100657
Ion Ratio Lower Upper
152 100
150 161.6 127.8 191.6
115 63.3 49.8 74.8



#5
2-Fluorophenol
Concen: 145.041 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion:112 Resp: 897627
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.9 29.0 43.6

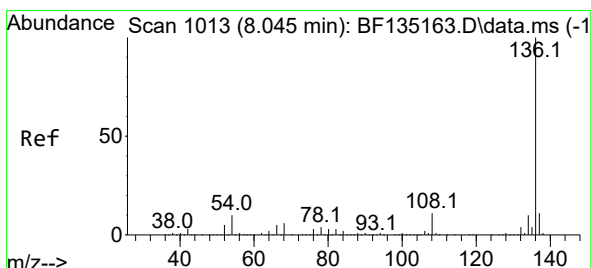
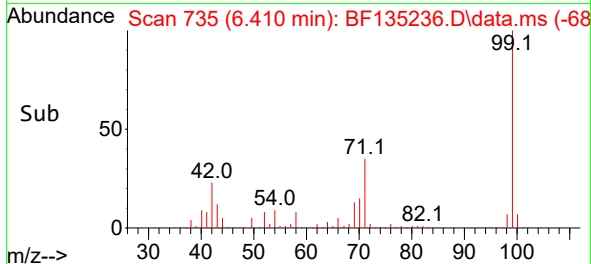
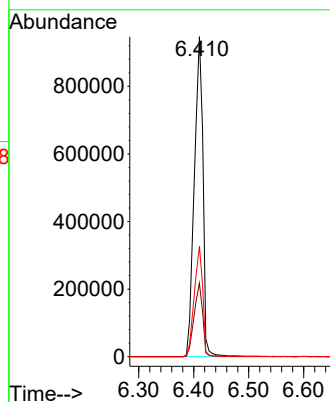
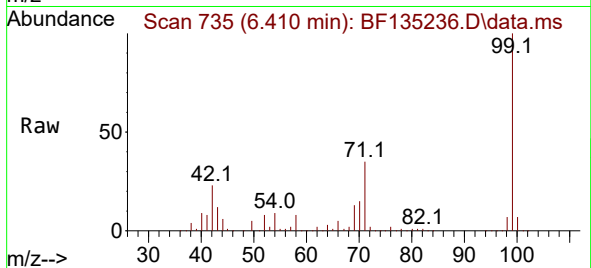




#7
Phenol-d6
Concen: 131.248 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

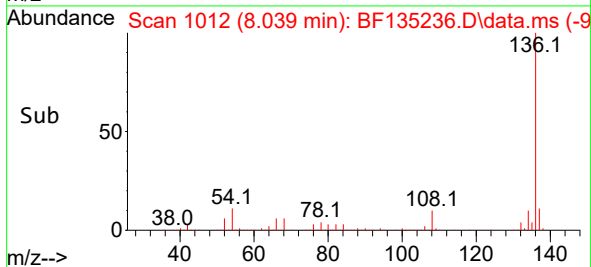
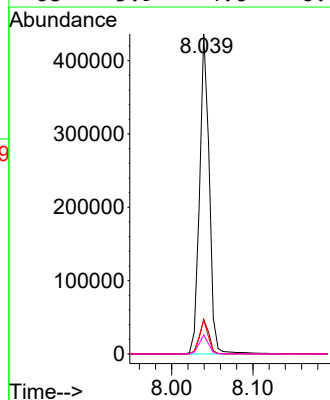
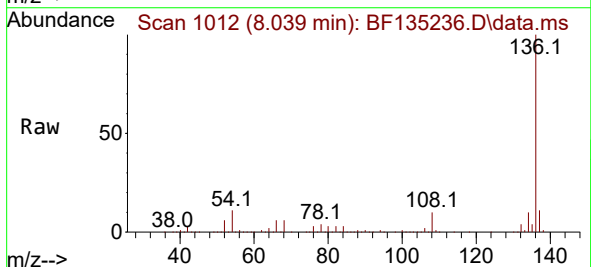
Instrument :
BNA_F
ClientSampleId :
TP4

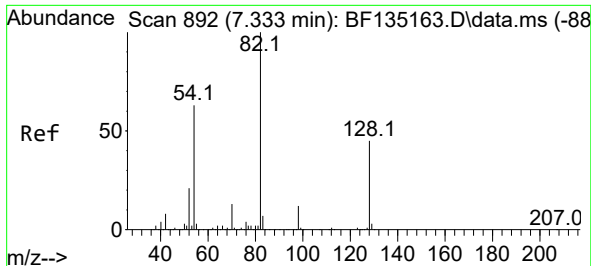
Tgt Ion: 99 Resp: 1032837
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 34.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion: 136 Resp: 363703
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 7.7 11.5
68 5.9 4.6 6.8

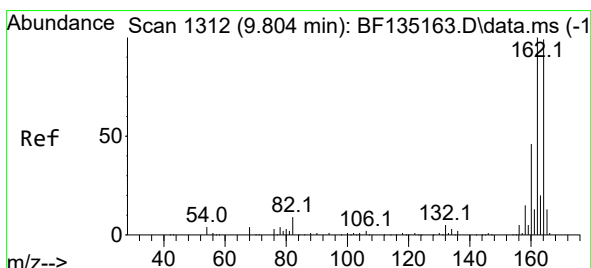
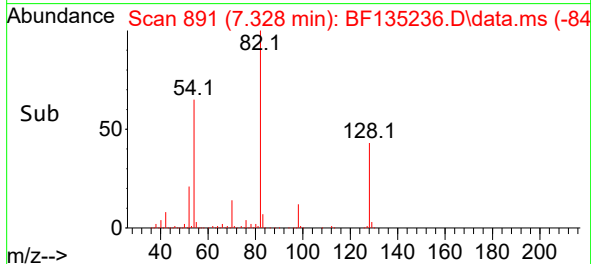
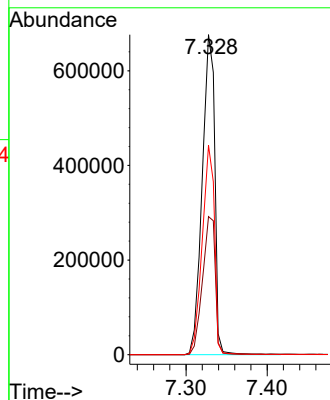
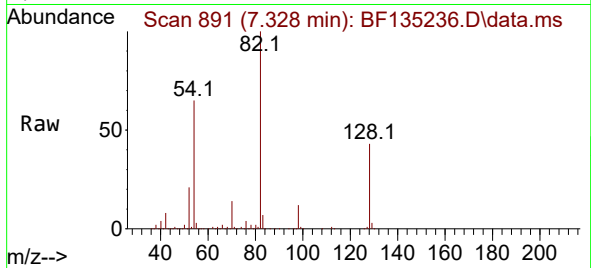




#23
Nitrobenzene-d5
Concen: 108.535 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

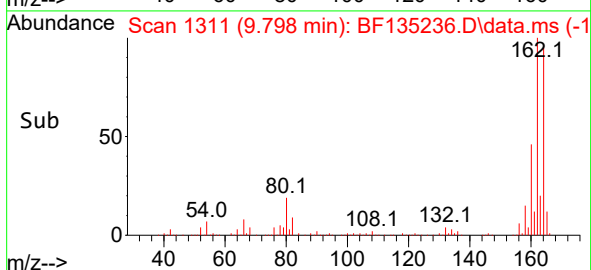
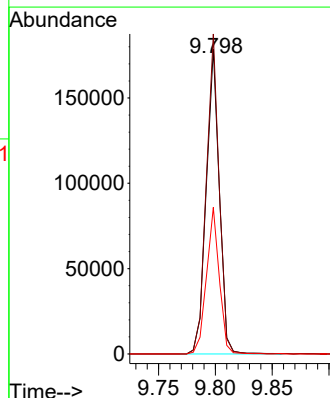
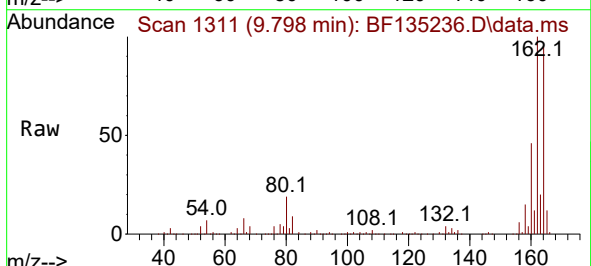
Instrument :
BNA_F
ClientSampleId :
TP4

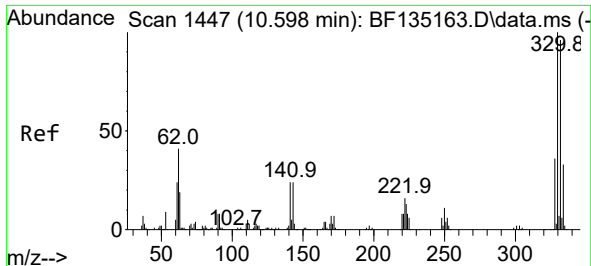
Tgt Ion: 82 Resp: 726577
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 65.4 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion: 164 Resp: 142935
Ion Ratio Lower Upper
164 100
162 104.9 81.0 121.4
160 48.0 37.0 55.4

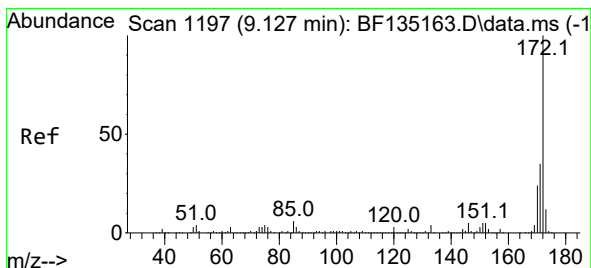
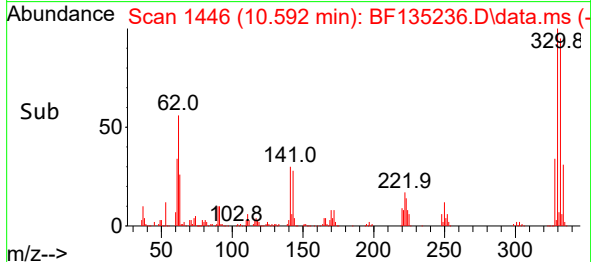
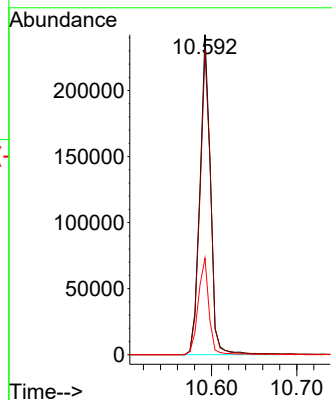
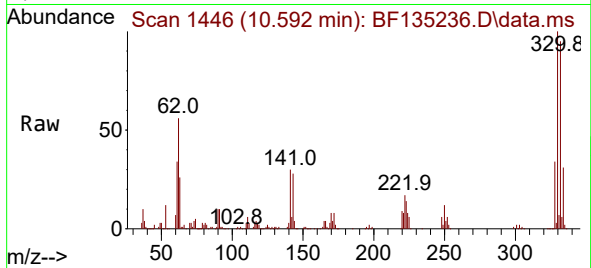




#42
2,4,6-Tribromophenol
Concen: 147.239 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

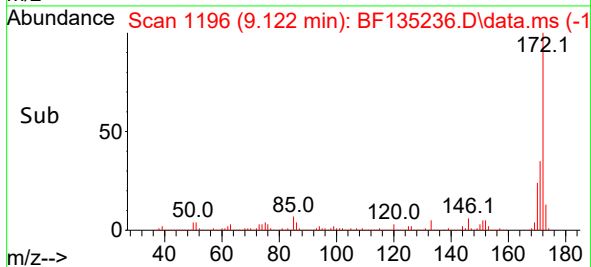
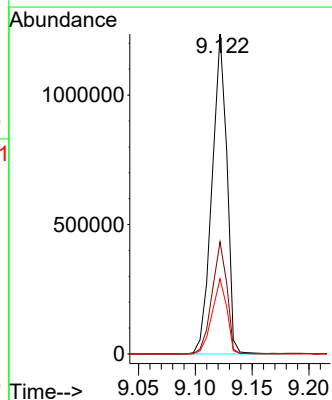
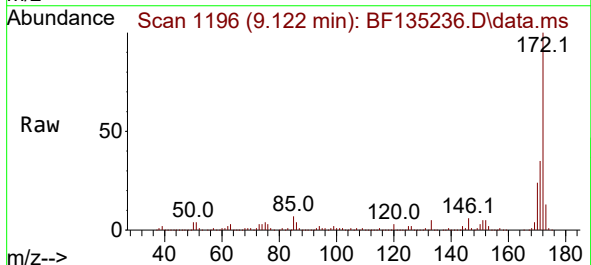
Instrument :
BNA_F
ClientSampleId :
TP4

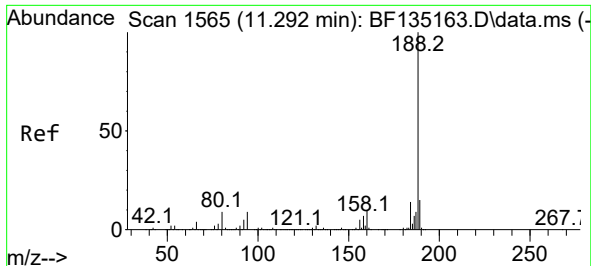
Tgt Ion:330 Resp: 209142
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 118.704 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion:172 Resp: 1124595
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.0 28.4

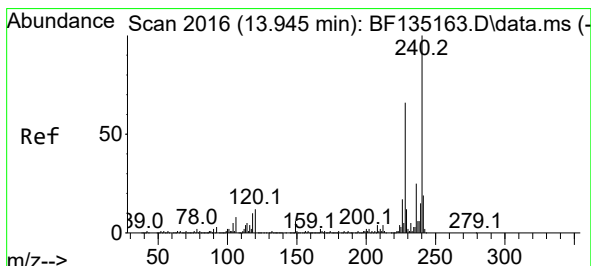
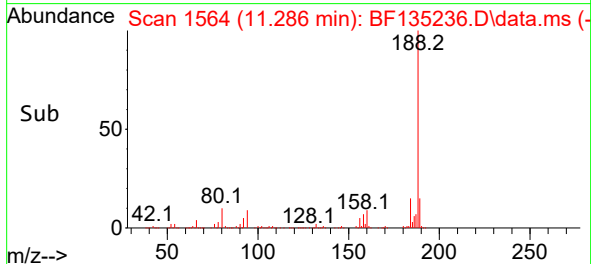
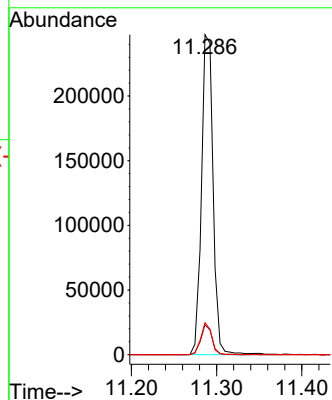
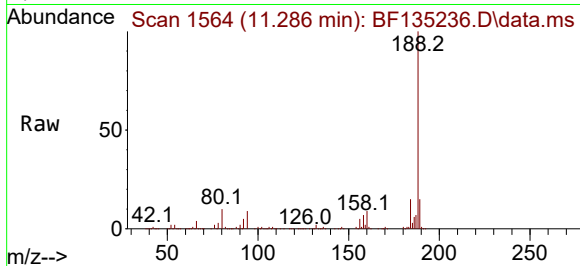




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

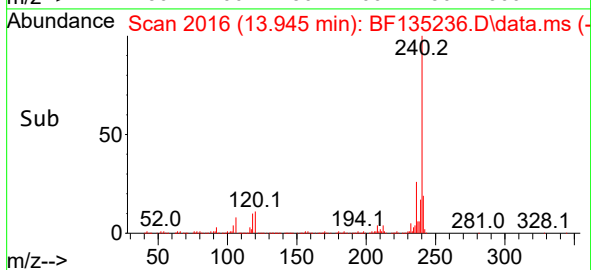
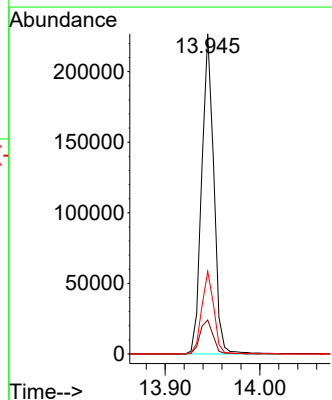
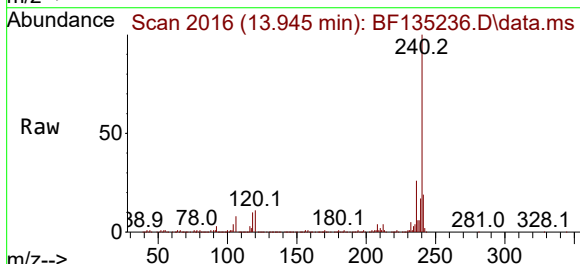
Instrument :
BNA_F
ClientSampleId :
TP4

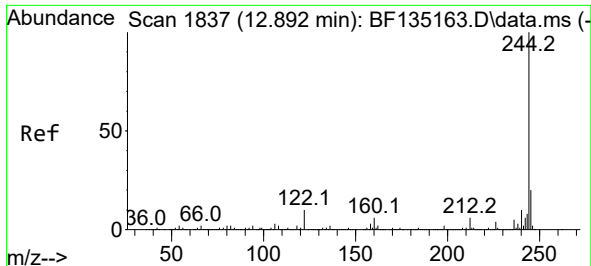
Tgt Ion:188 Resp: 234711
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

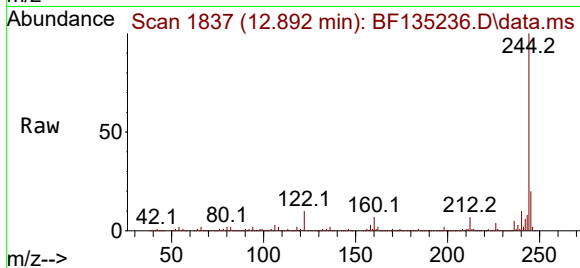
Tgt Ion:240 Resp: 201179
Ion Ratio Lower Upper
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120 10.6 9.4 14.2
236 25.8 19.8 29.8



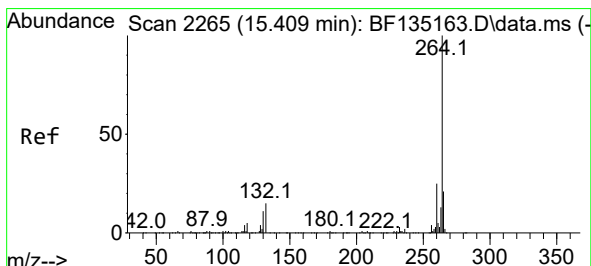
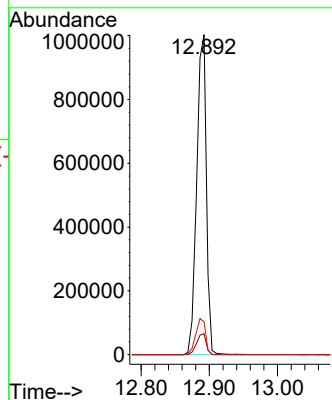
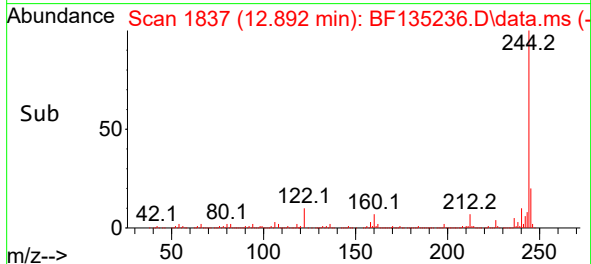


#79
 Terphenyl-d14
 Concen: 76.131 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31

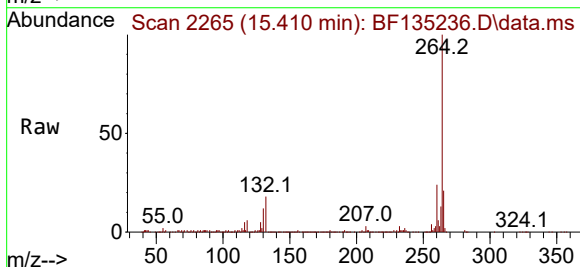
Instrument :
 BNA_F
 ClientSampleId :
 TP4



Tgt Ion:244 Resp: 988003
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31



Tgt Ion:264 Resp: 168988
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 20.7 17.0 25.4

