

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135107.D
 Acq On : 05 Sep 2023 22:26
 Operator : CG\JU
 Sample : 04274-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2683

Quant Time: Sep 06 01:58:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	101079	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	412450	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	214686	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	401528	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	248796	20.000	ng	0.00
86) Perylene-d12	15.421	264	202758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	770014	117.668	ng	0.02
7) Phenol-d6	6.416	99	860170	105.457	ng	0.00
23) Nitrobenzene-d5	7.340	82	648723	88.364	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	290668	127.633	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1143975	86.755	ng	0.00
79) Terphenyl-d14	12.904	244	1325629	86.950	ng	0.00

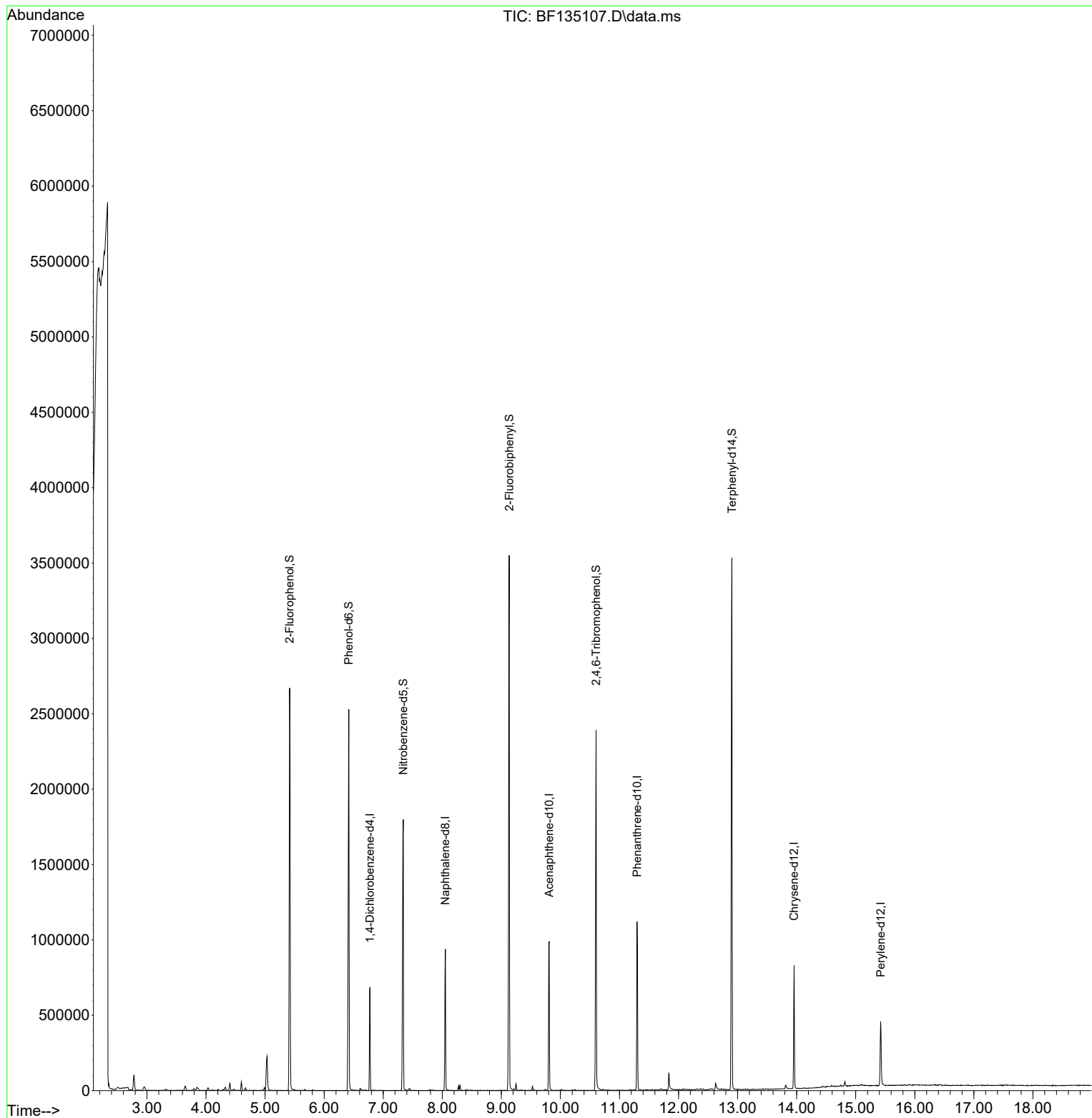
Target Compounds	Qvalue

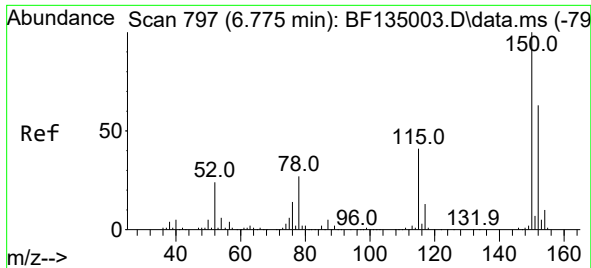
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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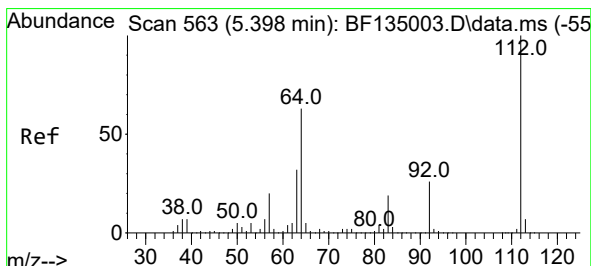
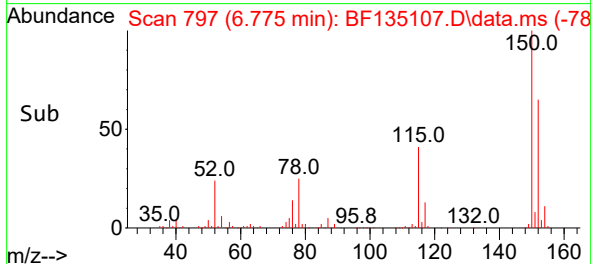
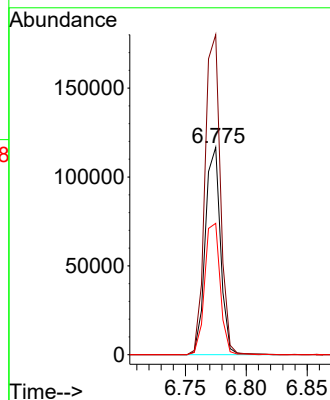
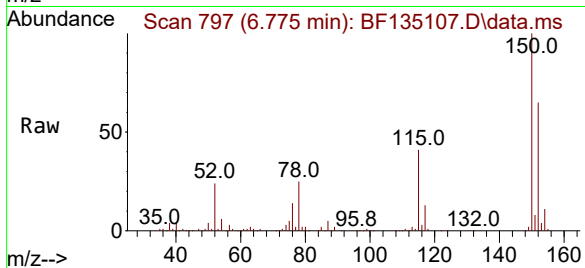




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

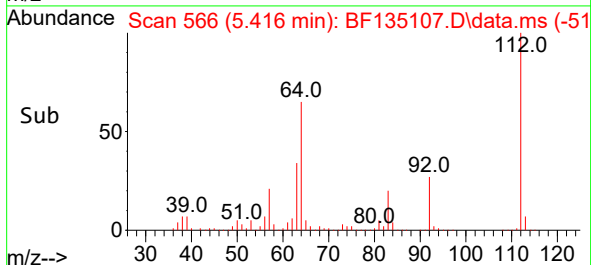
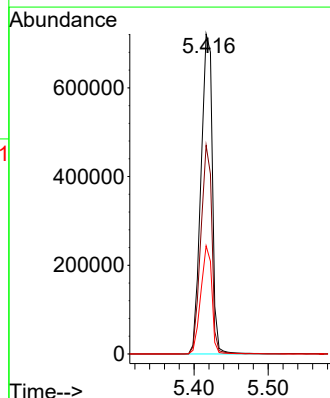
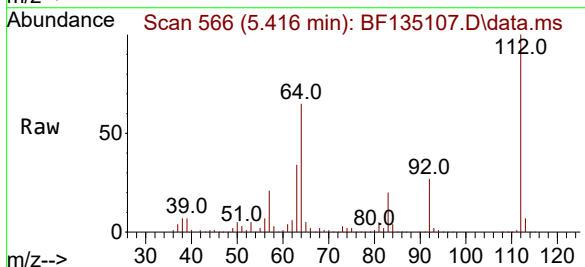
Instrument :
BNA_F
ClientSampleId :
RT2683

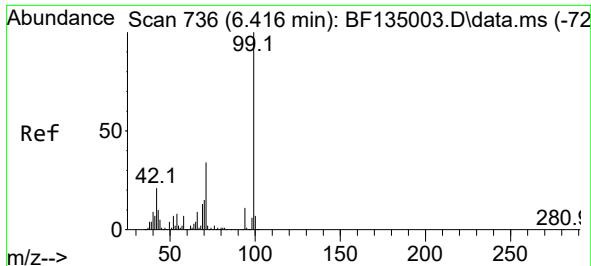
Tgt Ion:152 Resp: 101079
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.4
115 63.4 51.2 76.8



#5
2-Fluorophenol
Concen: 117.668 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

Tgt Ion:112 Resp: 770014
Ion Ratio Lower Upper
112 100
64 65.2 50.5 75.7
63 33.8 25.9 38.9





#7
Phenol-d6
Concen: 105.457 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

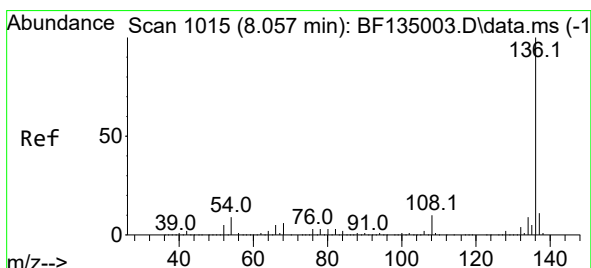
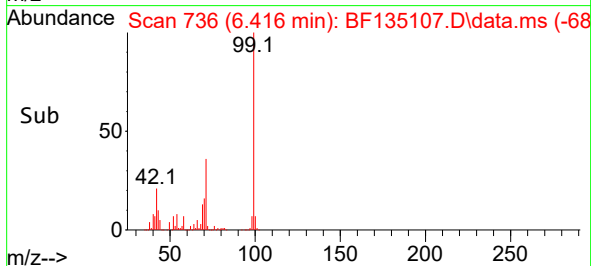
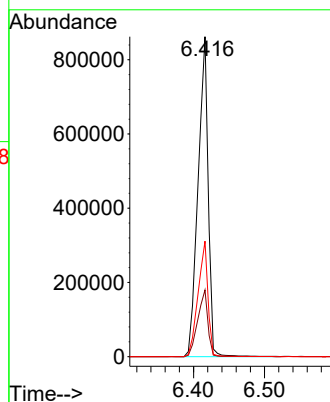
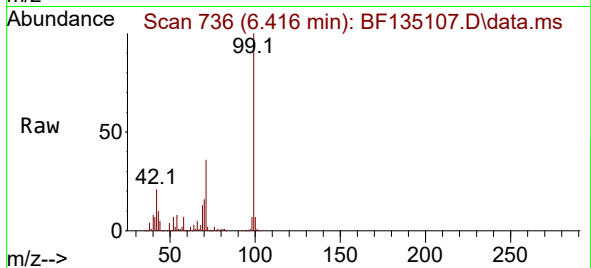
Instrument :

BNA_F

ClientSampleId :

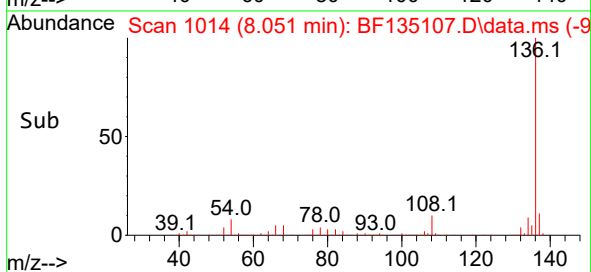
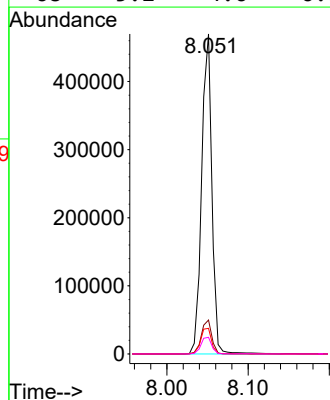
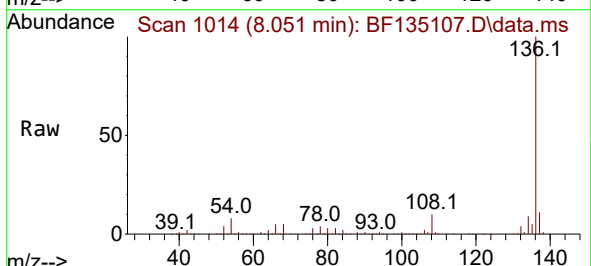
RT2683

Tgt Ion: 99 Resp: 860170
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 36.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

Tgt Ion: 136 Resp: 412450
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 7.0 10.4
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.364 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135107.D

Acq: 05 Sep 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RT2683

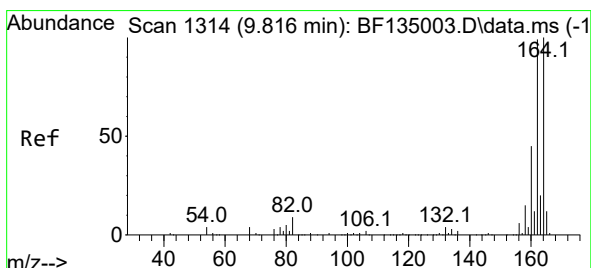
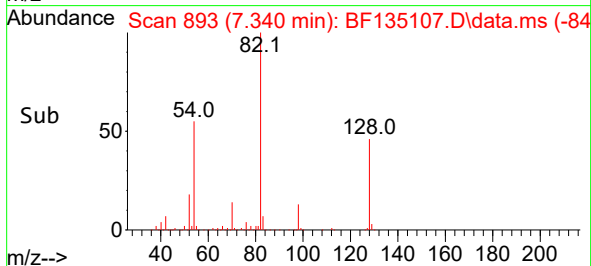
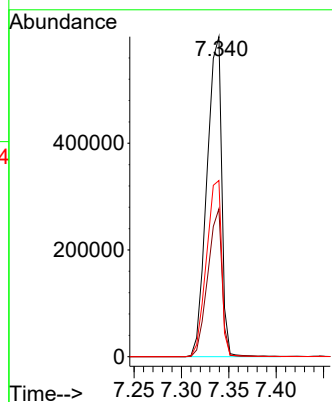
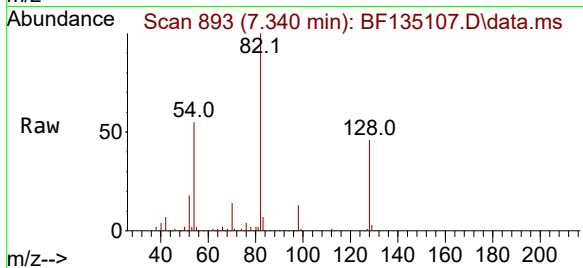
Tgt Ion: 82 Resp: 648723

Ion Ratio Lower Upper

82 100

128 46.2 37.8 56.8

54 55.1 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135107.D

Acq: 05 Sep 2023 22:26

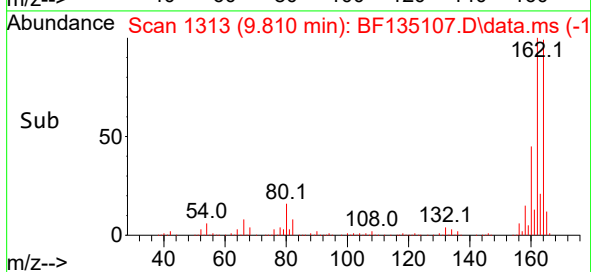
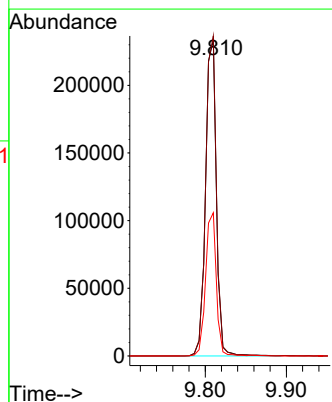
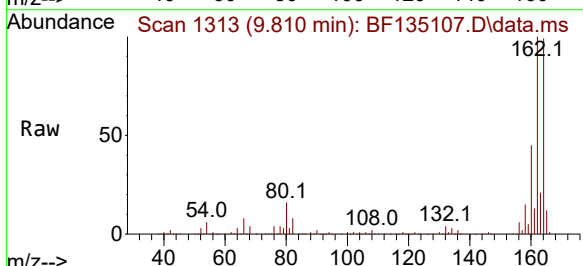
Tgt Ion:164 Resp: 214686

Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 45.4 36.0 54.0

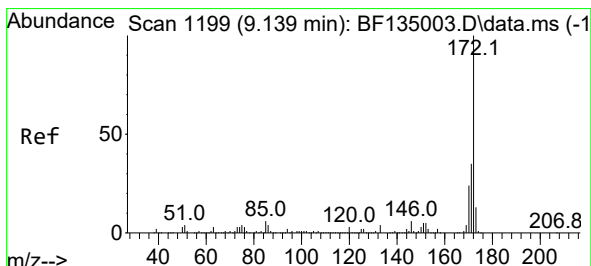
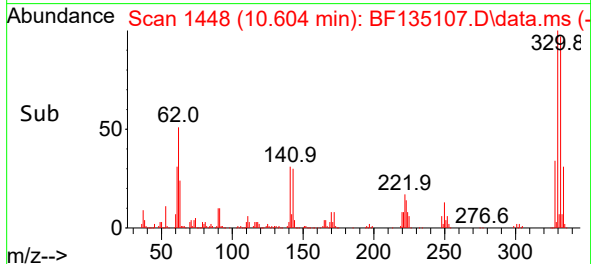
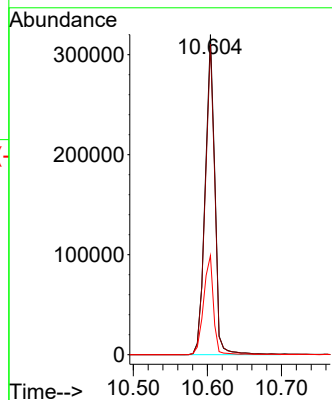
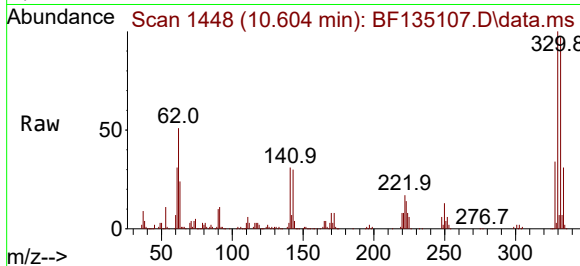




#42
2,4,6-Tribromophenol
Concen: 127.633 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

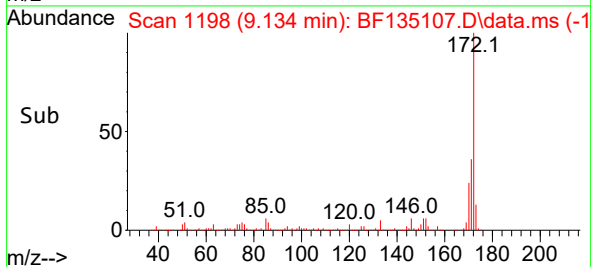
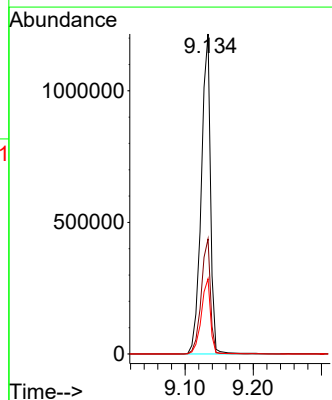
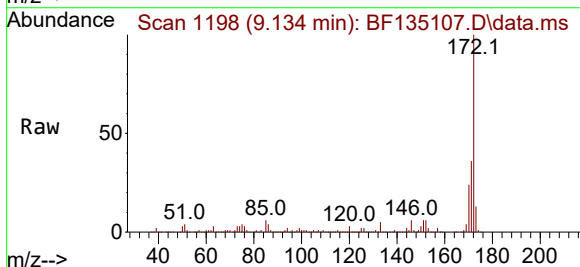
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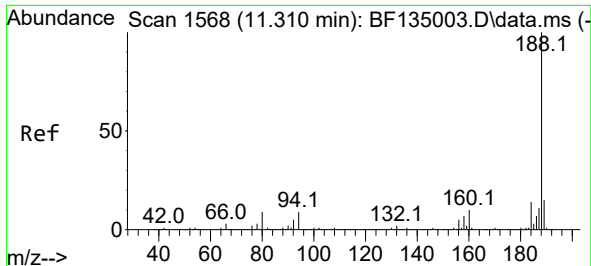
Tgt Ion:330 Resp: 290668
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 86.755 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

Tgt Ion:172 Resp: 1143975
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.5 19.0 28.4

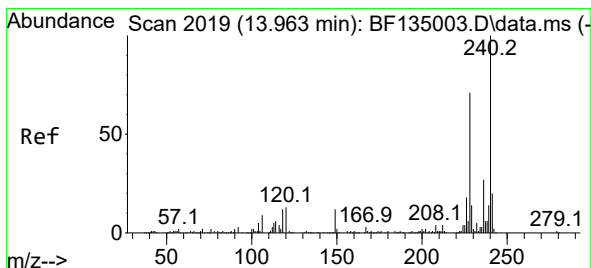
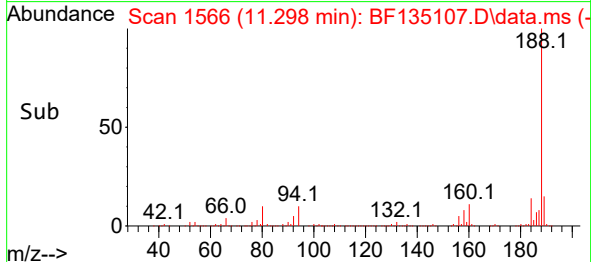
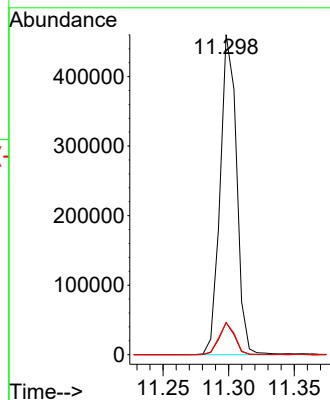
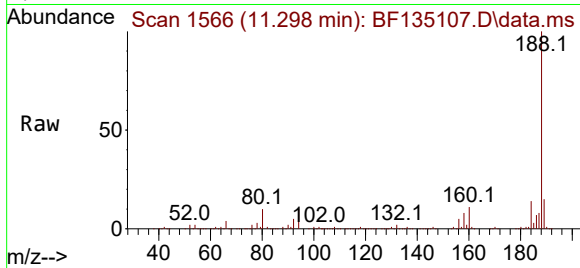




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

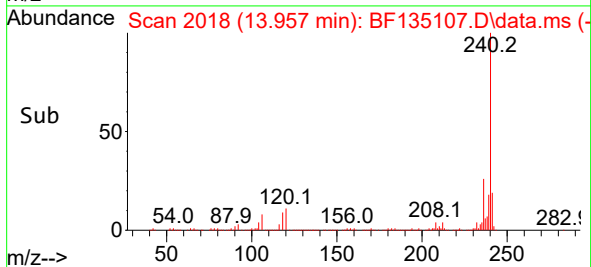
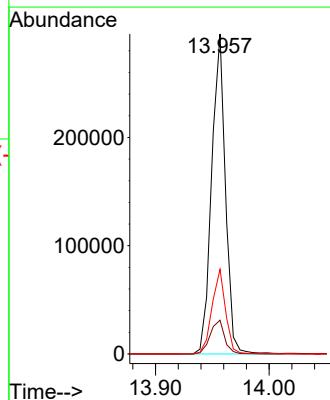
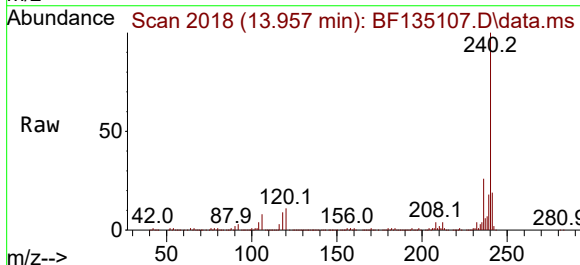
Instrument :
BNA_F
ClientSampleId :
RT2683

Tgt Ion:188 Resp: 401528
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.1 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135107.D
Acq: 05 Sep 2023 22:26

Tgt Ion:240 Resp: 248796
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 26.4 21.3 31.9

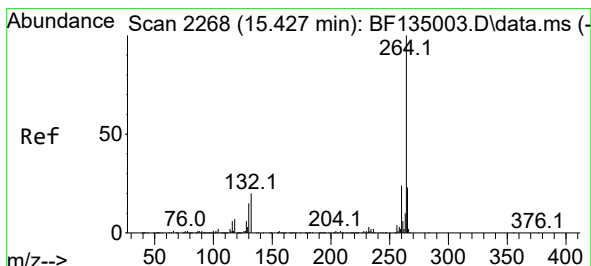
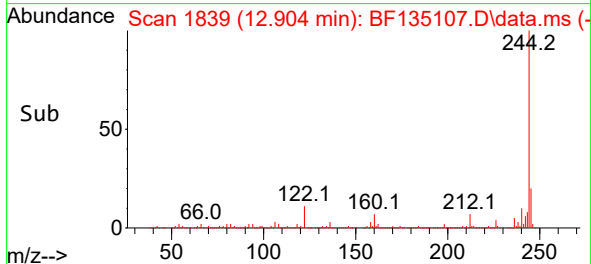
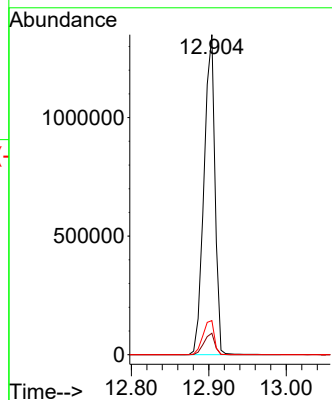
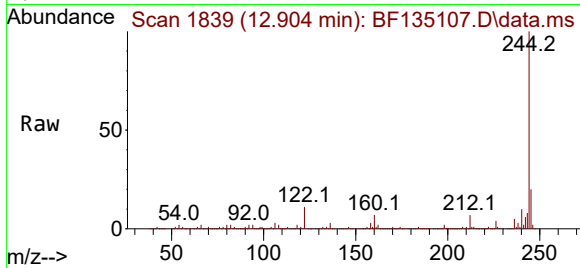




#79
 Terphenyl-d14
 Concen: 86.950 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135107.D
 Acq: 05 Sep 2023 22:26

Instrument :
 BNA_F
 ClientSampleId :
 RT2683

Tgt Ion:244 Resp: 1325629
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135107.D
 Acq: 05 Sep 2023 22:26

Tgt Ion:264 Resp: 202758
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.9 18.2 27.2

