

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135813.D
 Acq On : 17 Oct 2023 15:40
 Operator : CG\JU
 Sample : 04723-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Oct 18 01:38:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	85140	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	296801	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	139798	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	257500	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	164264	20.000	ng	-0.02
86) Perylene-d12	15.410	264	160423	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	347713	65.661	ng	0.00
7) Phenol-d6	6.393	99	250383	37.894	ng	0.00
23) Nitrobenzene-d5	7.304	82	567397	105.142	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	207693	154.824	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	947736	105.995	ng	0.00
79) Terphenyl-d14	12.869	244	871808	98.288	ng	-0.01

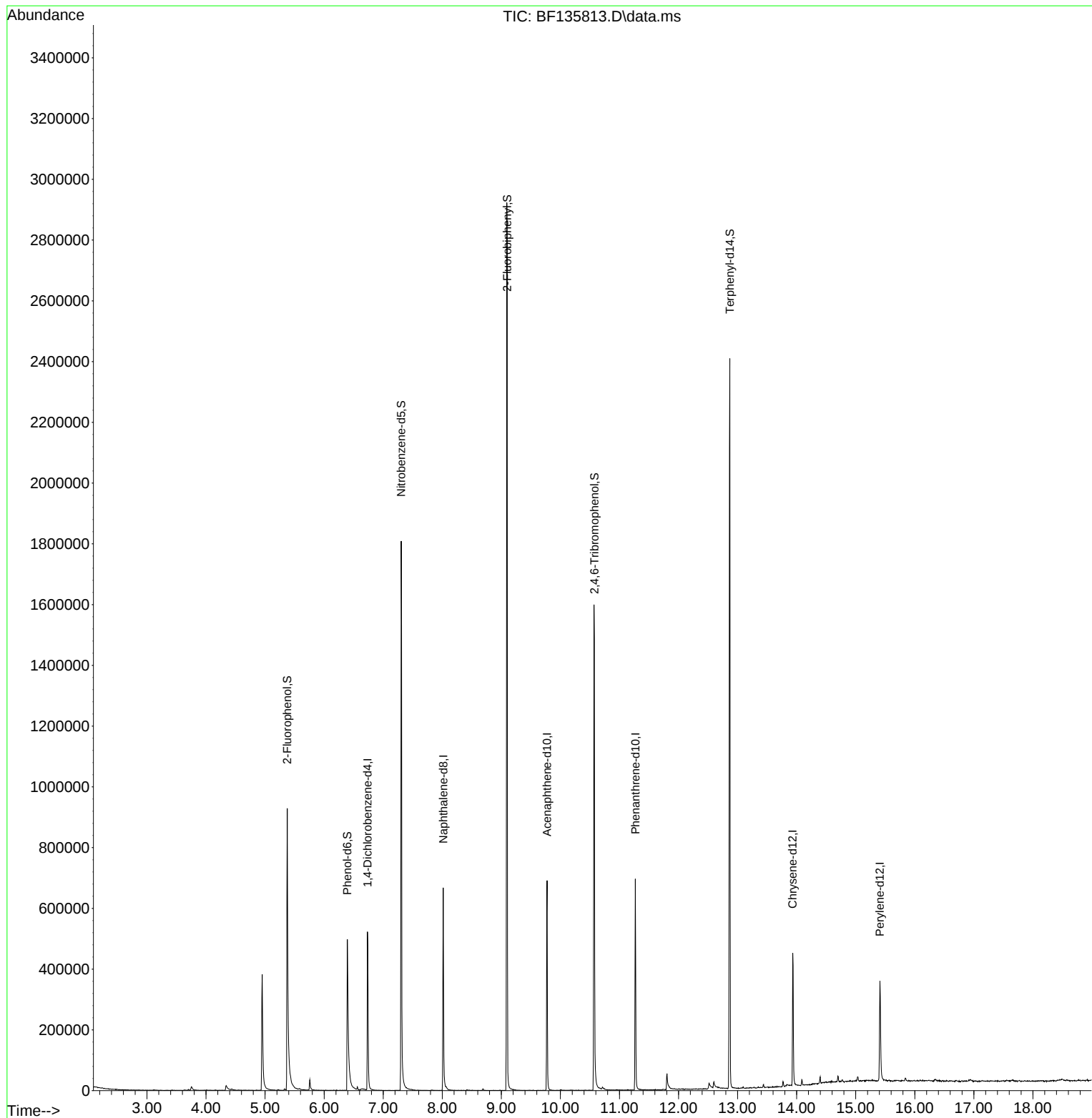
Target Compounds	Qvalue

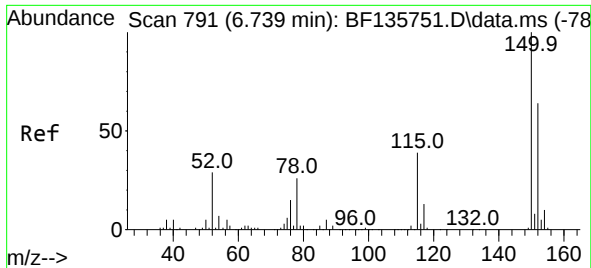
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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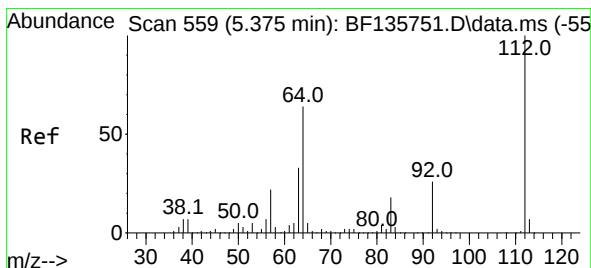
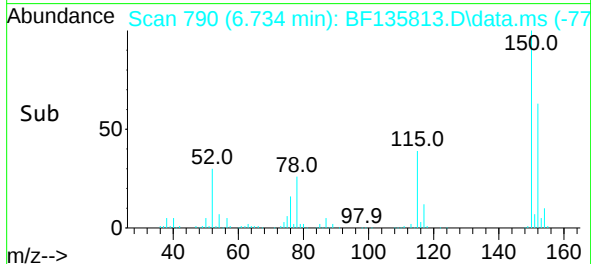
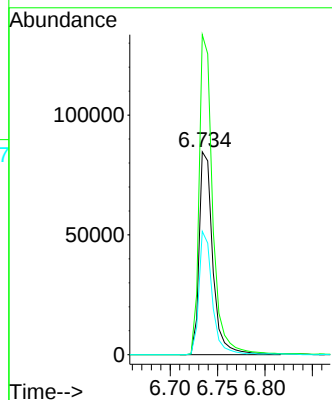
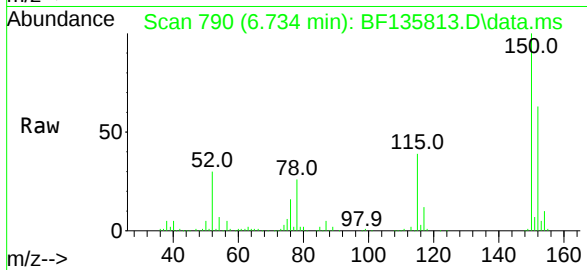




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135813.D
 Acq: 17 Oct 2023 15:40

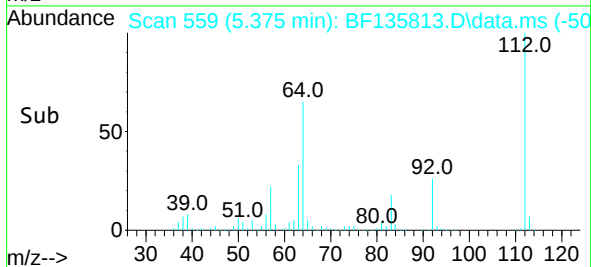
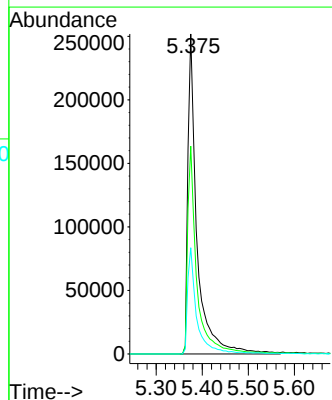
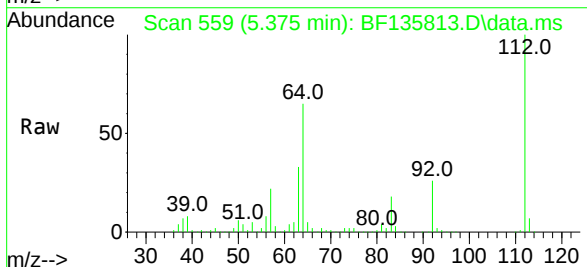
Instrument :
 BNA_F
 ClientSampleId :
 MW-7

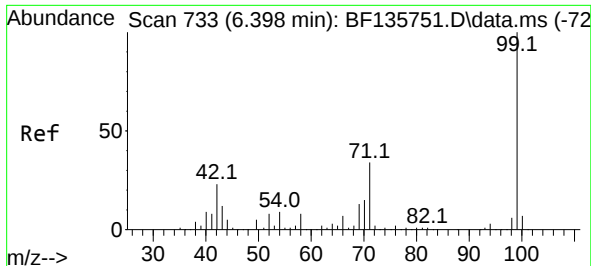
Tgt Ion:152 Resp: 85140
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.5 186.7
 115 60.8 49.0 73.4



#5
 2-Fluorophenol
 Concen: 65.661 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135813.D
 Acq: 17 Oct 2023 15:40

Tgt Ion:112 Resp: 347713
 Ion Ratio Lower Upper
 112 100
 64 65.0 51.2 76.8
 63 33.2 26.1 39.1

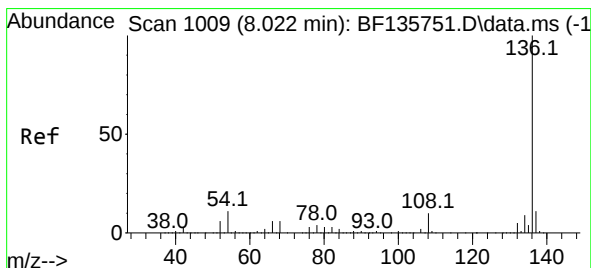
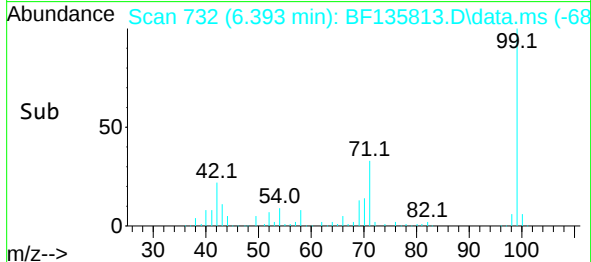
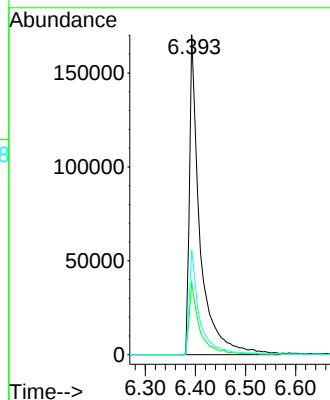
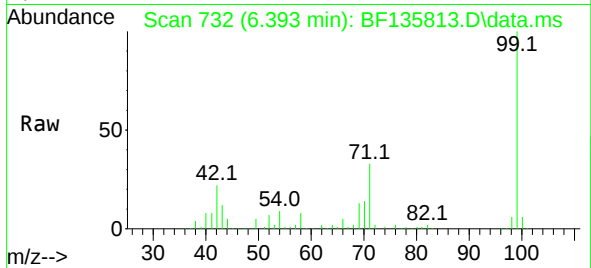




#7
Phenol-d6
Concen: 37.894 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135813.D
Acq: 17 Oct 2023 15:40

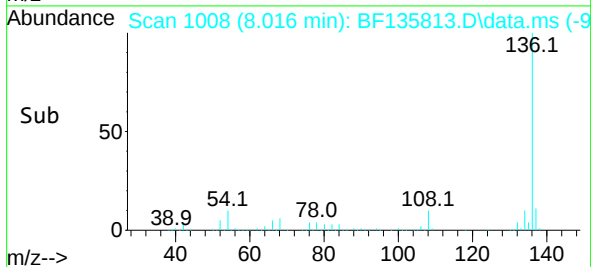
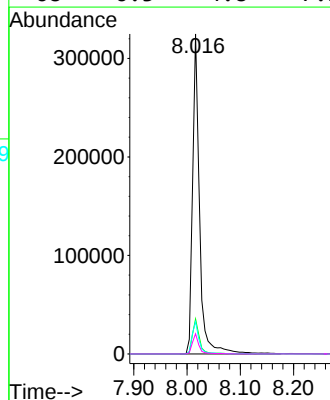
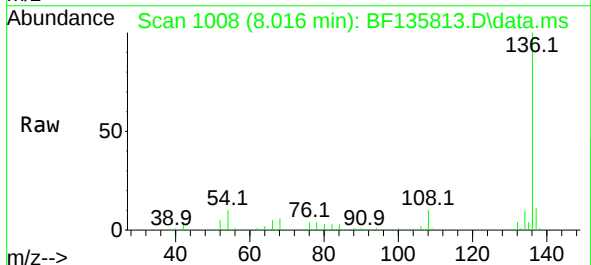
Instrument :
BNA_F
ClientSampleId :
MW-7

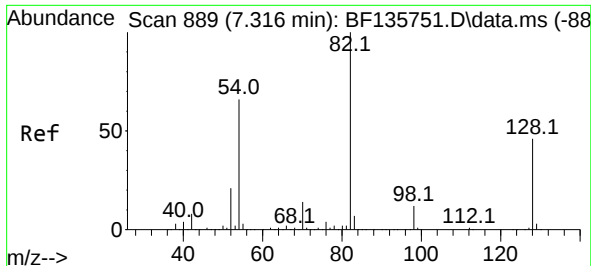
Tgt Ion: 99 Resp: 250383
Ion Ratio Lower Upper
99 100
42 22.4 18.4 27.6
71 32.8 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135813.D
Acq: 17 Oct 2023 15:40

Tgt Ion: 136 Resp: 296801
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.1 8.5 12.7
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 105.142 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135813.D

Acq: 17 Oct 2023 15:40

Instrument :

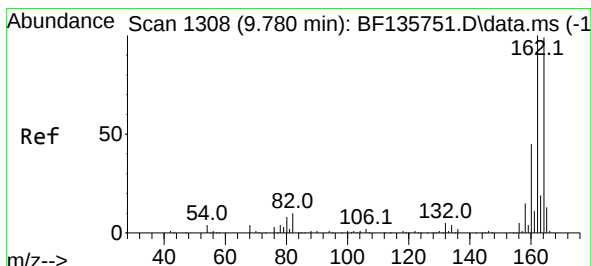
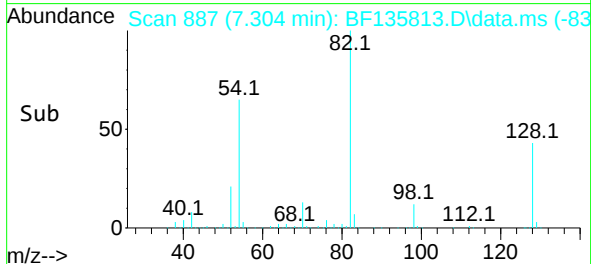
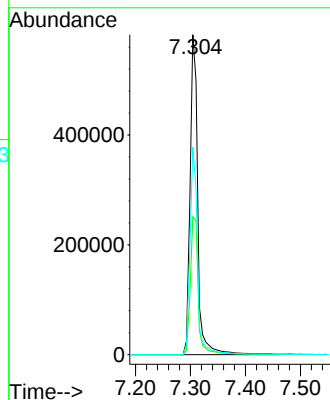
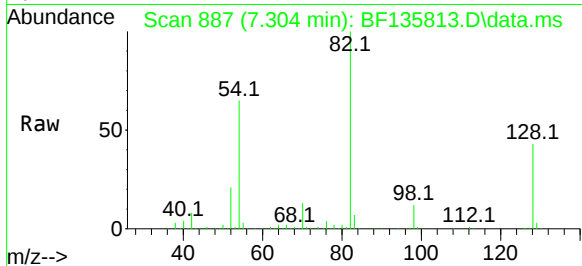
BNA_F

ClientSampleId :

MW-7

Tgt Ion: 82 Resp: 567397

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	64.8	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

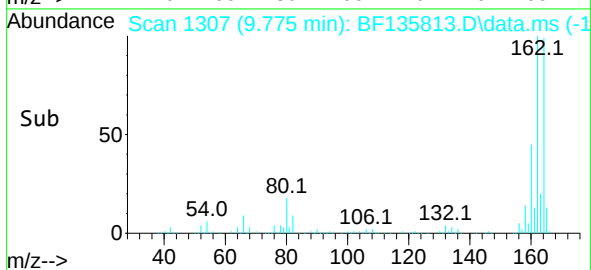
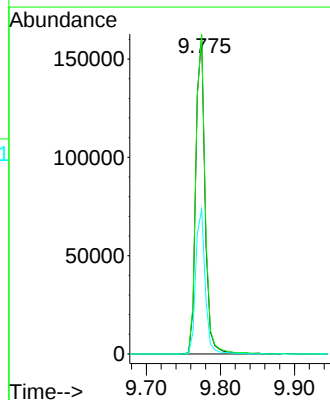
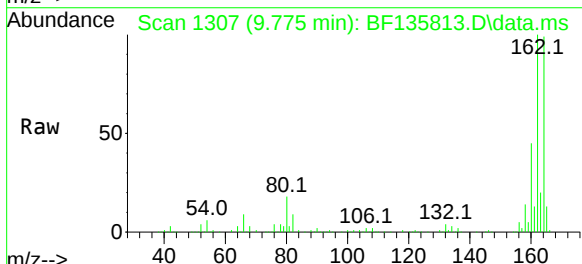
Delta R.T. -0.012 min

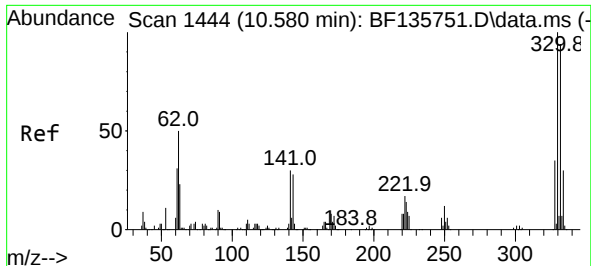
Lab File: BF135813.D

Acq: 17 Oct 2023 15:40

Tgt Ion: 164 Resp: 139798

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	45.5	36.6	54.8

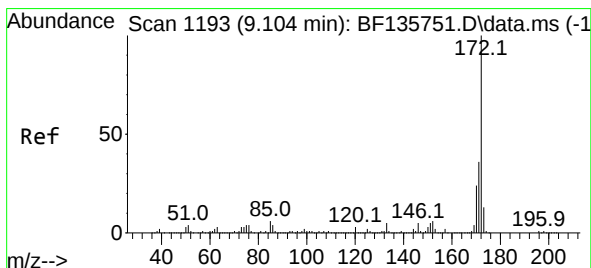
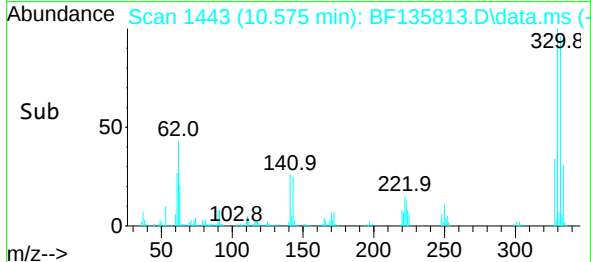
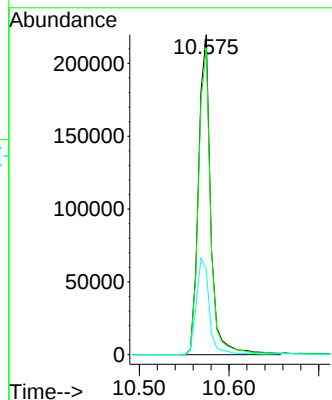
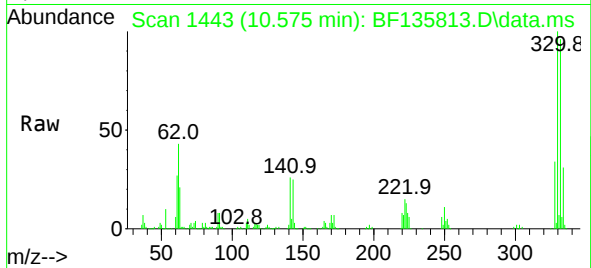




#42
2,4,6-Tribromophenol
Concen: 154.824 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135813.D
Acq: 17 Oct 2023 15:40

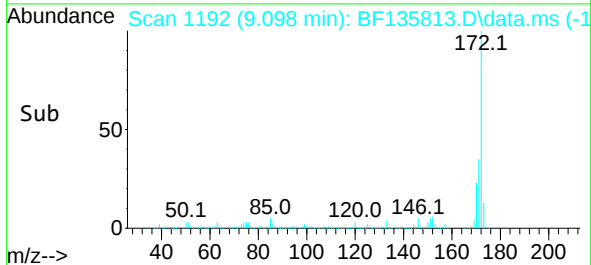
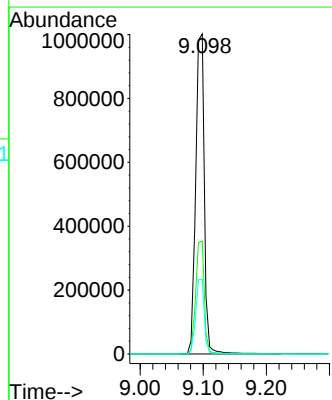
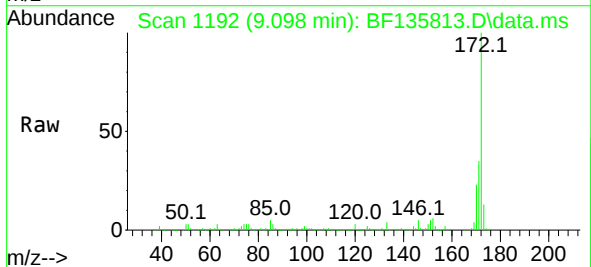
Instrument :
BNA_F
ClientSampleId :
MW-7

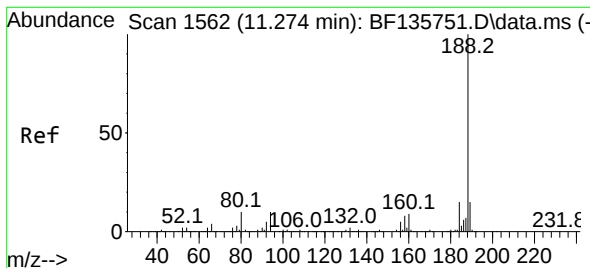
Tgt Ion:330 Resp: 207693
Ion Ratio Lower Upper
330 100
332 96.5 75.0 112.4
141 32.4 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 105.995 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135813.D
Acq: 17 Oct 2023 15:40

Tgt Ion:172 Resp: 947736
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135813.D

Acq: 17 Oct 2023 15:40

Instrument :

BNA_F

ClientSampleId :

MW-7

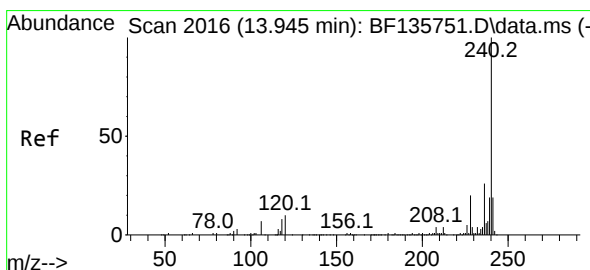
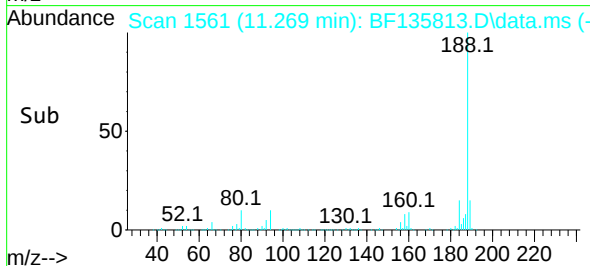
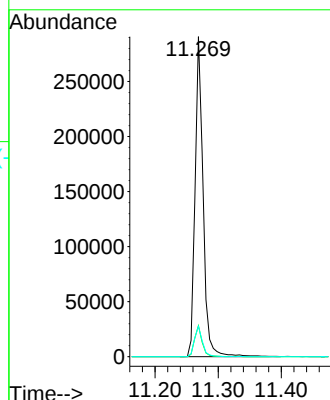
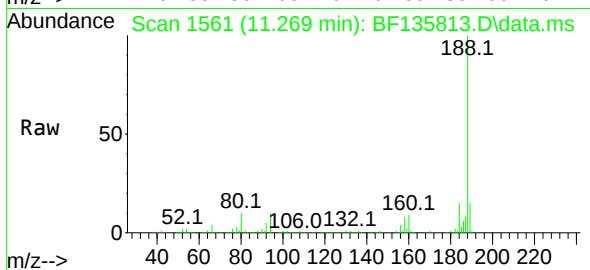
Tgt Ion:188 Resp: 257500

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 9.5 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135813.D

Acq: 17 Oct 2023 15:40

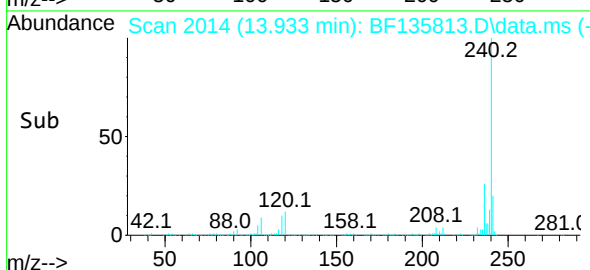
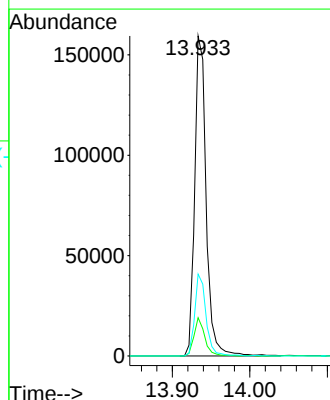
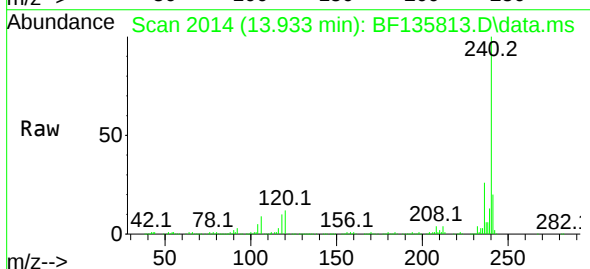
Tgt Ion:240 Resp: 164264

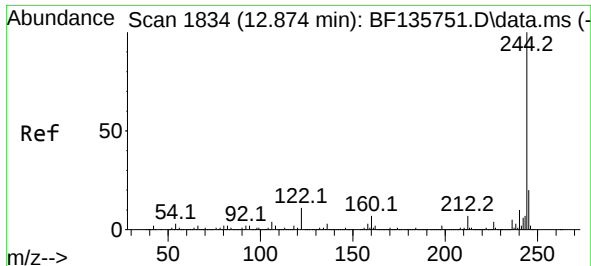
Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

236 25.6 21.2 31.8

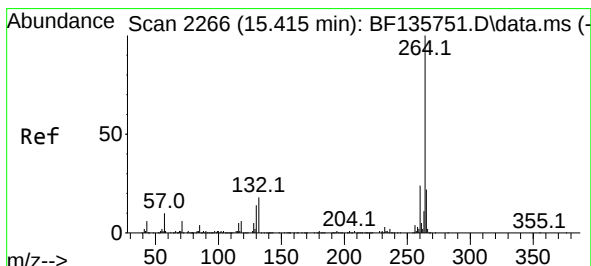
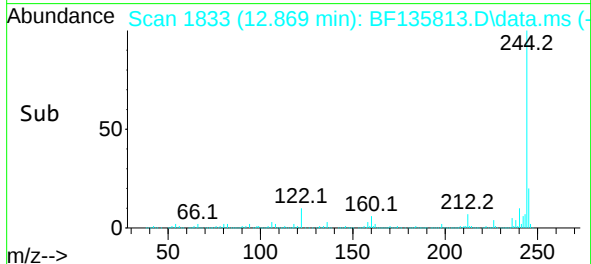
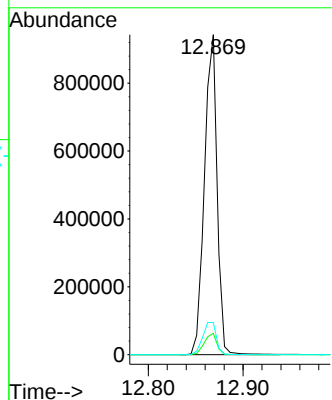
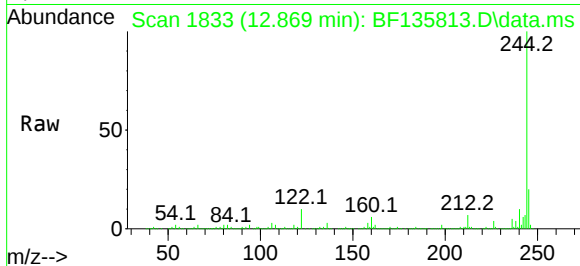




#79
 Terphenyl-d14
 Concen: 98.288 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135813.D
 Acq: 17 Oct 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:244 Resp: 871808
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135813.D
 Acq: 17 Oct 2023 15:40

Tgt Ion:264 Resp: 160423
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.4 26.2

