

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135821.D
 Acq On : 17 Oct 2023 19:59
 Operator : CG\JU
 Sample : 04723-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Quant Time: Oct 18 02:01:21 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	95866	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	372589	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	195639	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	360567	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	210797	20.000	ng	-0.02
86) Perylene-d12	15.410	264	195369	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	335438	56.256	ng	0.00
7) Phenol-d6	6.393	99	232471	31.247	ng	0.00
23) Nitrobenzene-d5	7.310	82	651922	96.233	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	267687	142.590	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1170590	93.551	ng	0.00
79) Terphenyl-d14	12.869	244	1178000	103.491	ng	-0.01

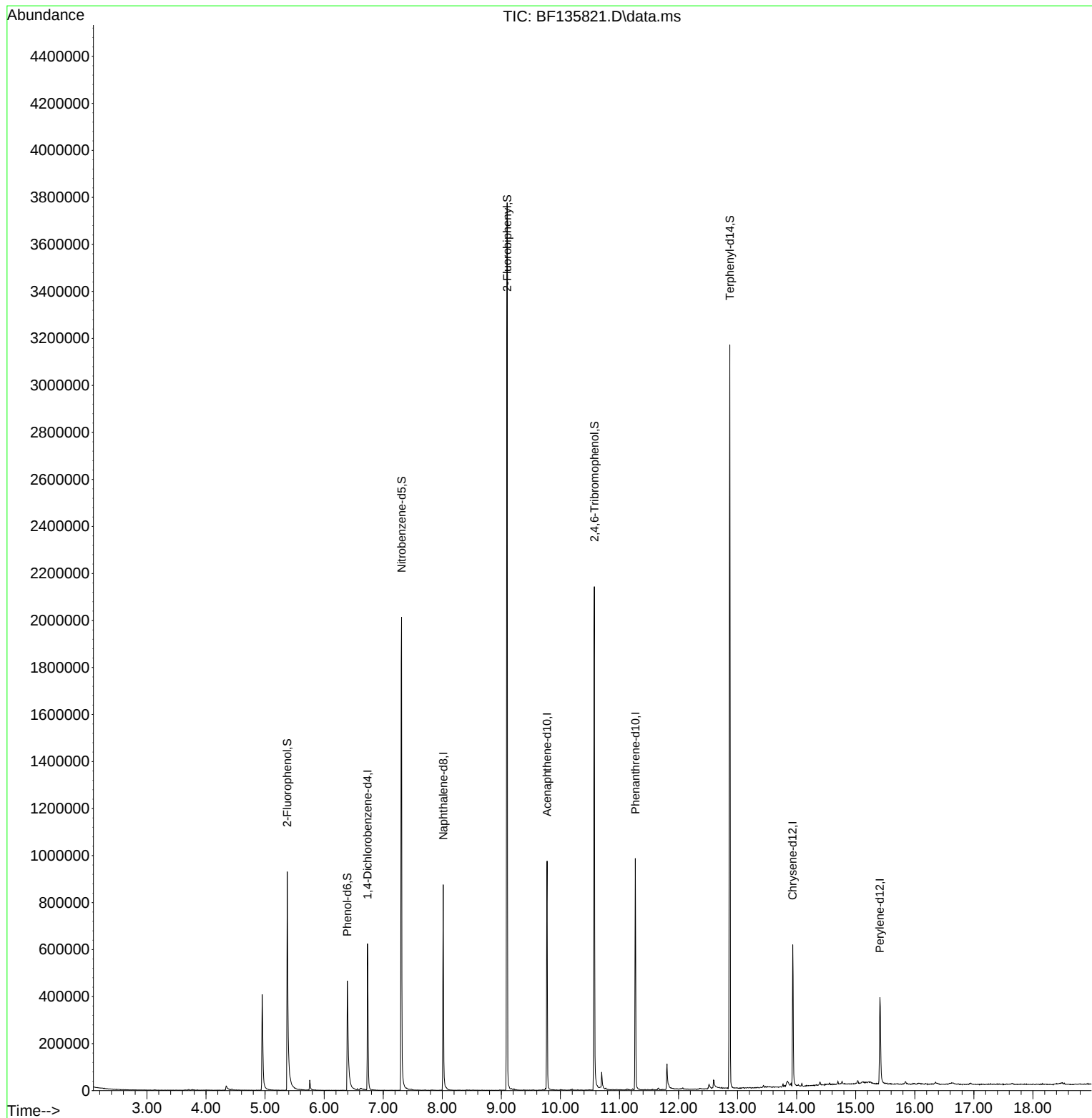
Target Compounds	Qvalue

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

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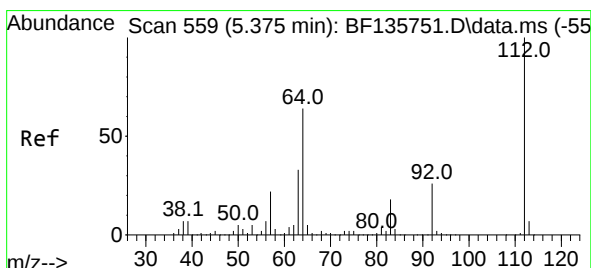
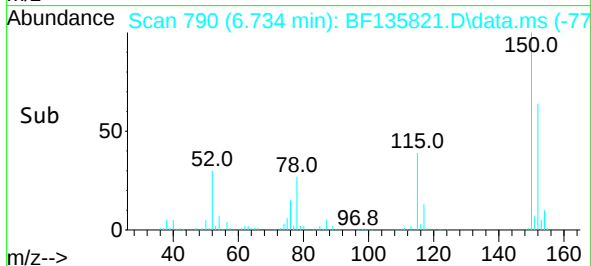
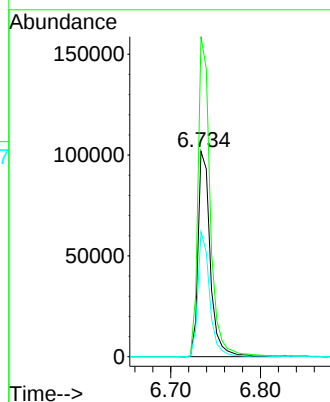
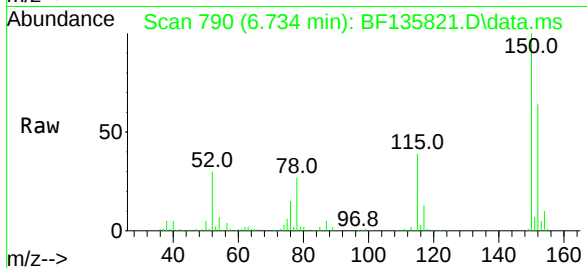




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135821.D
 Acq: 17 Oct 2023 19:59

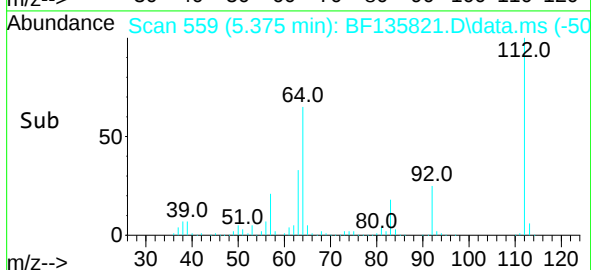
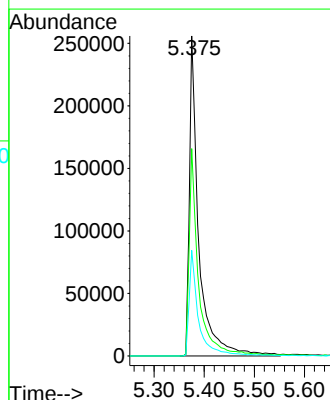
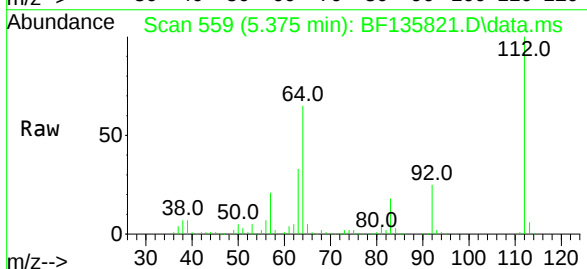
Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

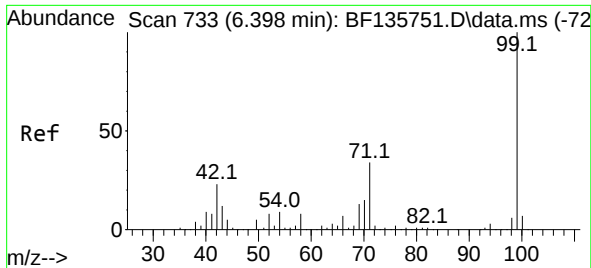
Tgt Ion:152 Resp: 95866
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 60.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 56.256 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135821.D
 Acq: 17 Oct 2023 19:59

Tgt Ion:112 Resp: 335438
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.2 76.8
 63 33.0 26.1 39.1

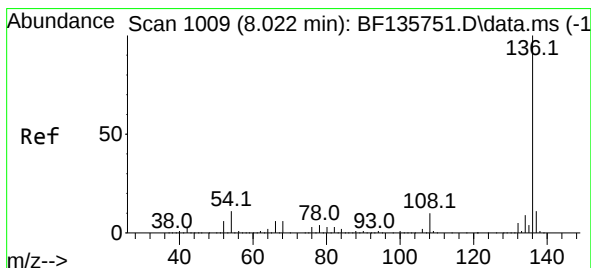
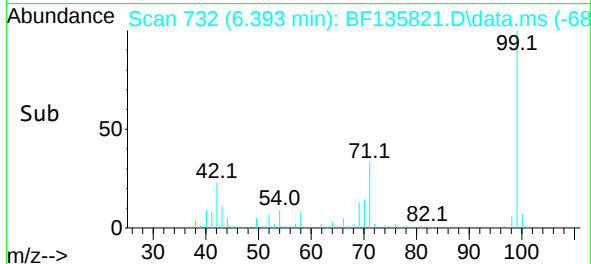
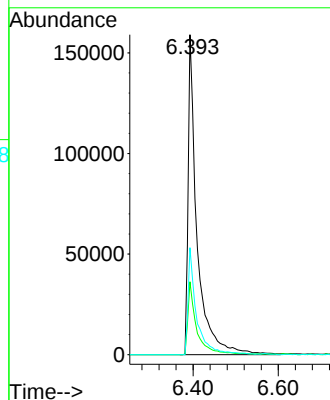
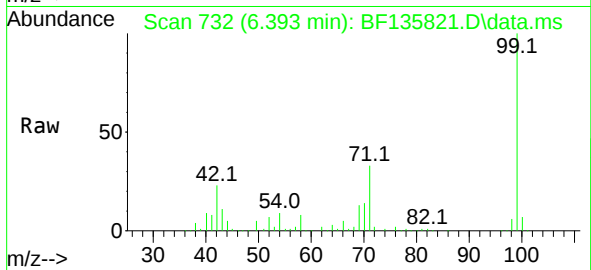




#7
Phenol-d6
Concen: 31.247 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

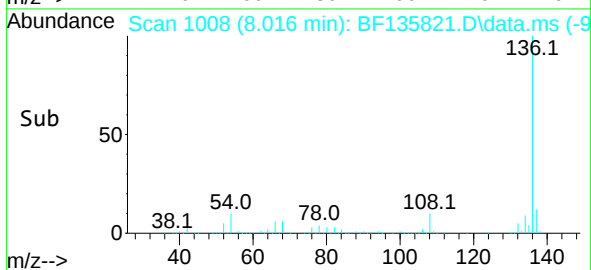
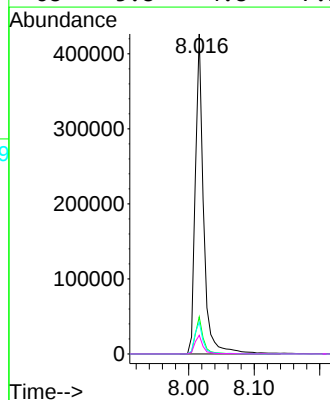
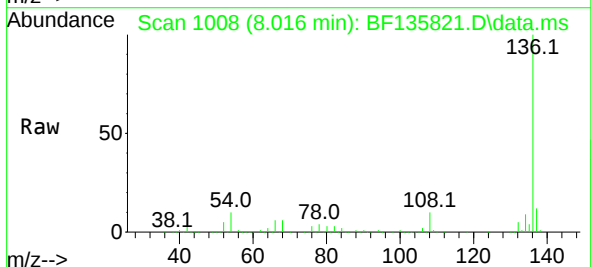
Instrument :
BNA_F
ClientSampleId :
MW-4B

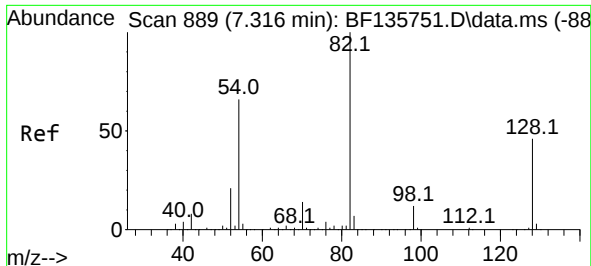
Tgt Ion: 99 Resp: 232471
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 33.5 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion: 136 Resp: 372589
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 9.9 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 96.233 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Instrument :

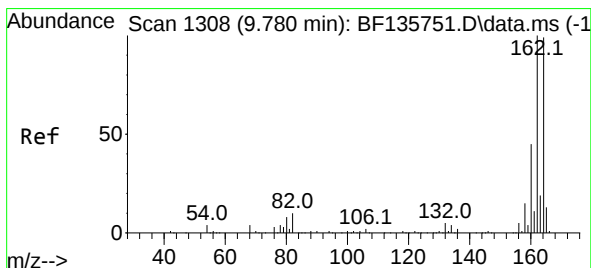
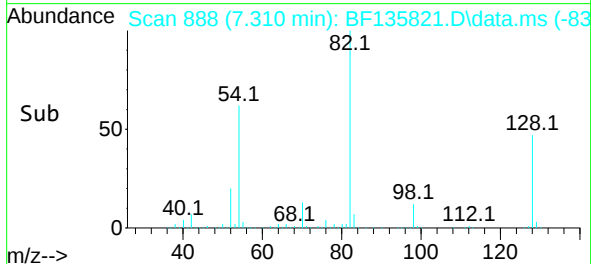
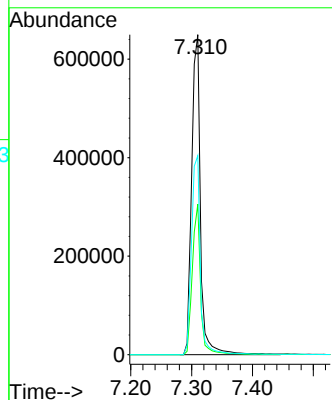
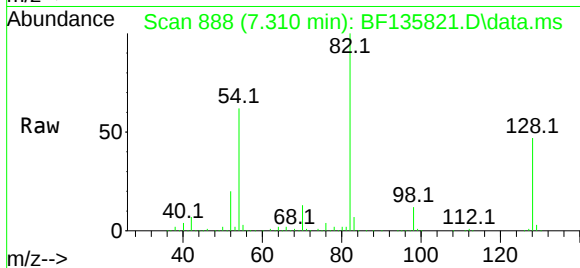
BNA_F

ClientSampleId :

MW-4B

Tgt Ion: 82 Resp: 651922

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.0	55.6
54	62.2	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

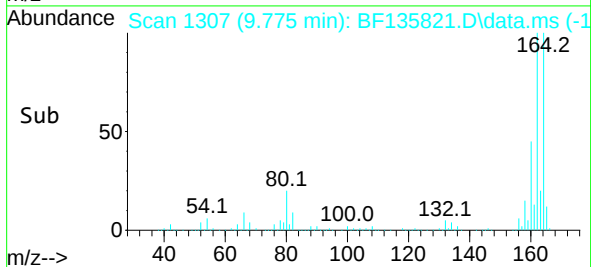
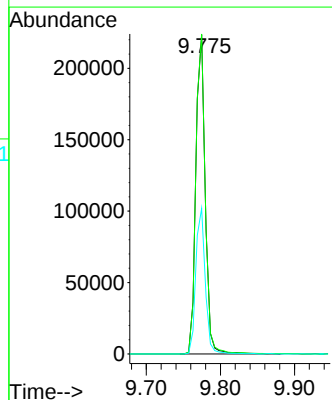
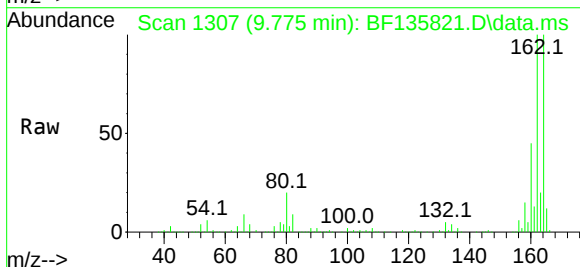
Delta R.T. -0.012 min

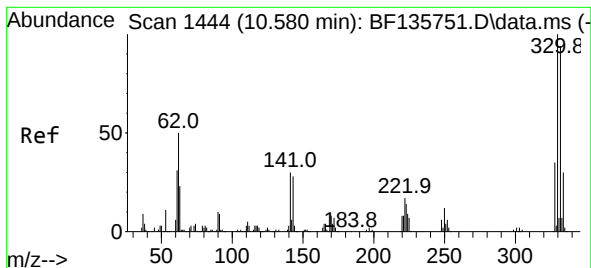
Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Tgt Ion:164 Resp: 195639

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.8	121.2
160	45.6	36.6	54.8

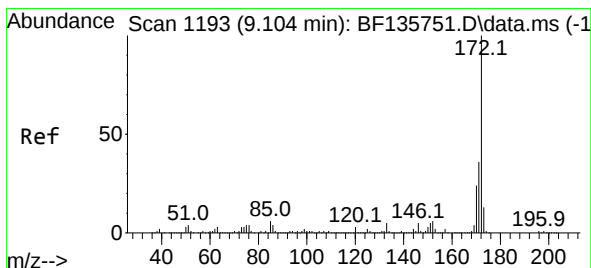
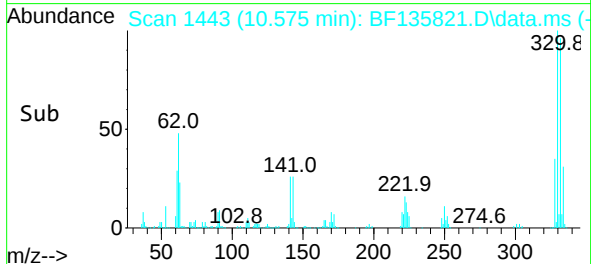
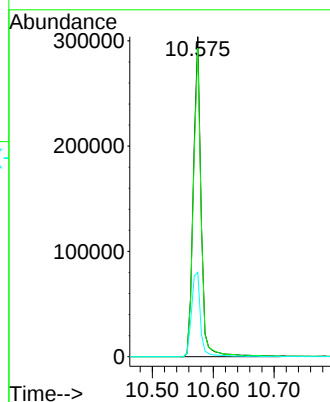
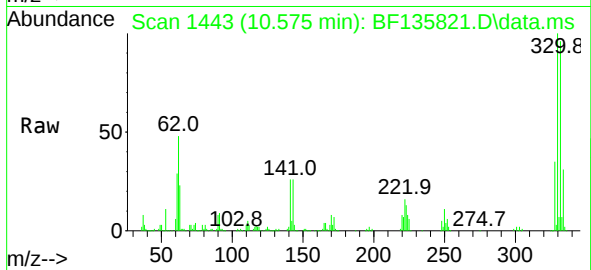




#42
2,4,6-Tribromophenol
Concen: 142.590 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

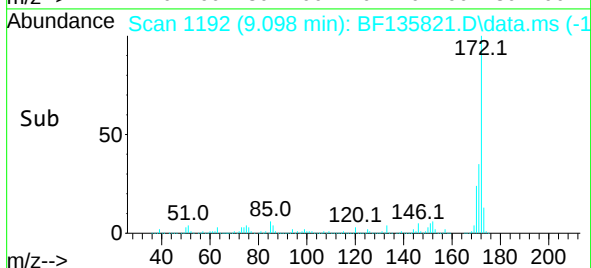
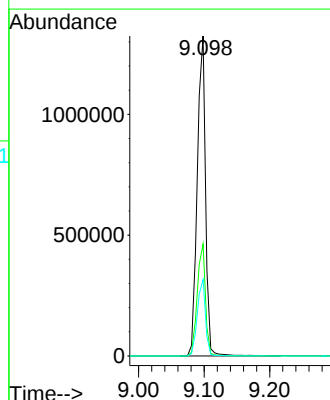
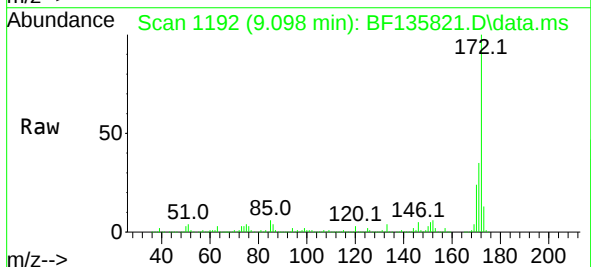
Instrument :
BNA_F
ClientSampleId :
MW-4B

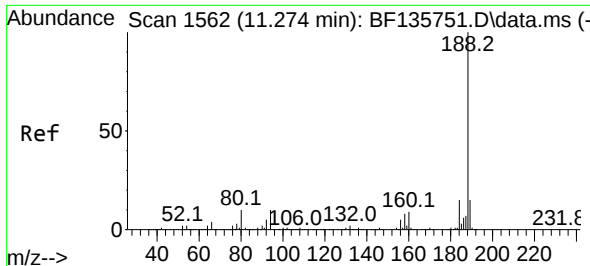
Tgt Ion:330 Resp: 267687
Ion Ratio Lower Upper
330 100
332 95.7 75.0 112.4
141 30.7 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 93.551 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:172 Resp: 1170590
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 18.8 28.2

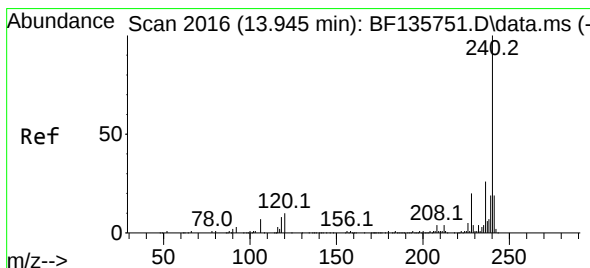
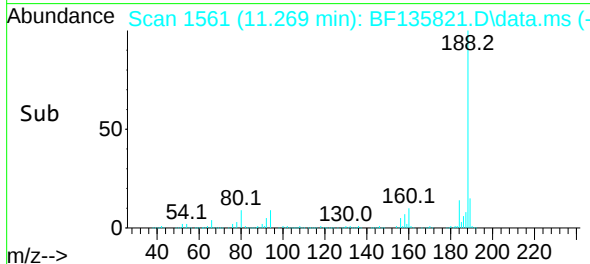
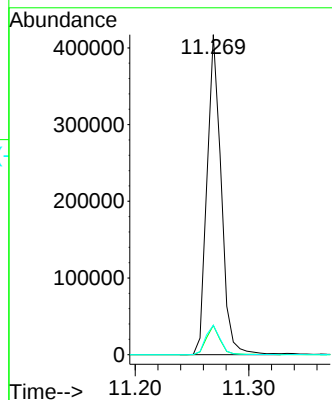
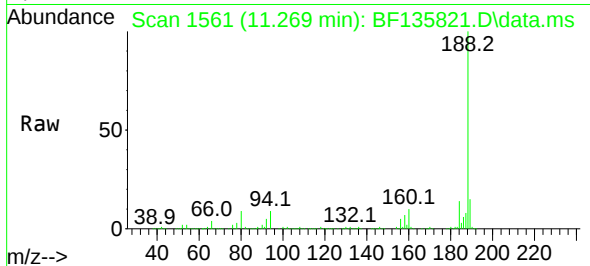




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

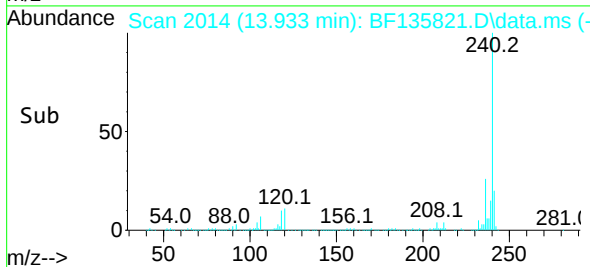
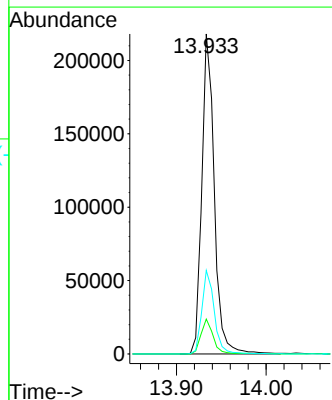
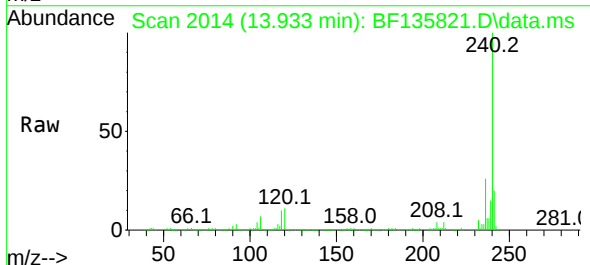
Instrument :
BNA_F
ClientSampleId :
MW-4B

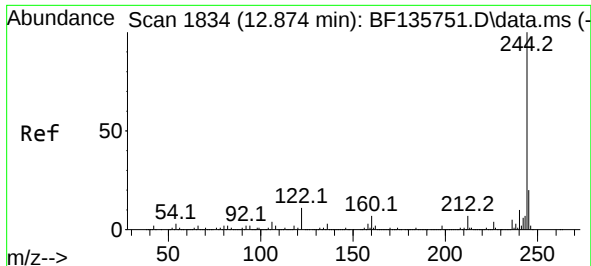
Tgt Ion:188 Resp: 360567
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:240 Resp: 210797
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 26.1 21.2 31.8

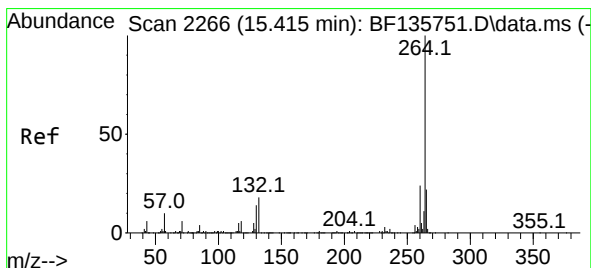
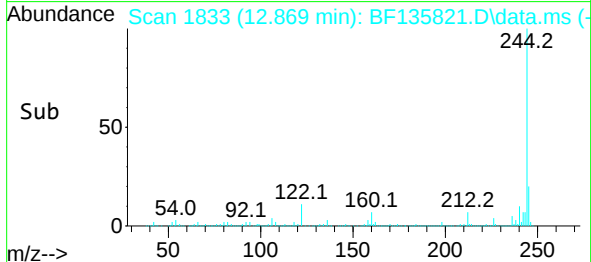
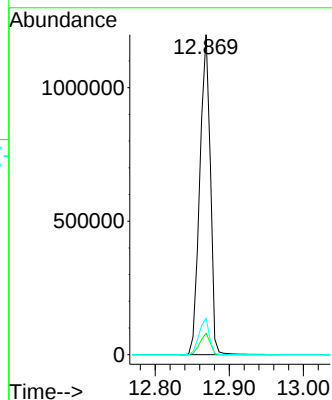
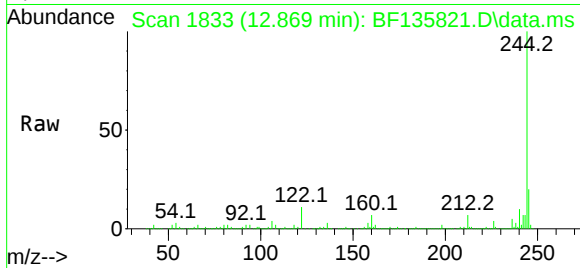




#79
 Terphenyl-d14
 Concen: 103.491 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135821.D
 Acq: 17 Oct 2023 19:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Tgt Ion:244 Resp: 1178000
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.4 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: BF135821.D
 Acq: 17 Oct 2023 19:59

Tgt Ion:264 Resp: 195369
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.1 17.4 26.2

