

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135842.D
 Acq On : 18 Oct 2023 12:31
 Operator : CG\JU
 Sample : 04765-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-2

Quant Time: Oct 19 01:19:22 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	6.740	152	91528	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	323362	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	164715	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	357839	20.000	ng	0.00
76) Chrysene-d12	13.939	240	185259	20.000	ng	-0.01
86) Perylene-d12	15.421	264	136994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	680496	119.534	ng	0.02
7) Phenol-d6	6.398	99	857612	120.736	ng	0.00
23) Nitrobenzene-d5	7.310	82	619969	105.448	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	280863	177.697	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1060825	100.696	ng	0.00
79) Terphenyl-d14	12.874	244	1093629	109.323	ng	0.00

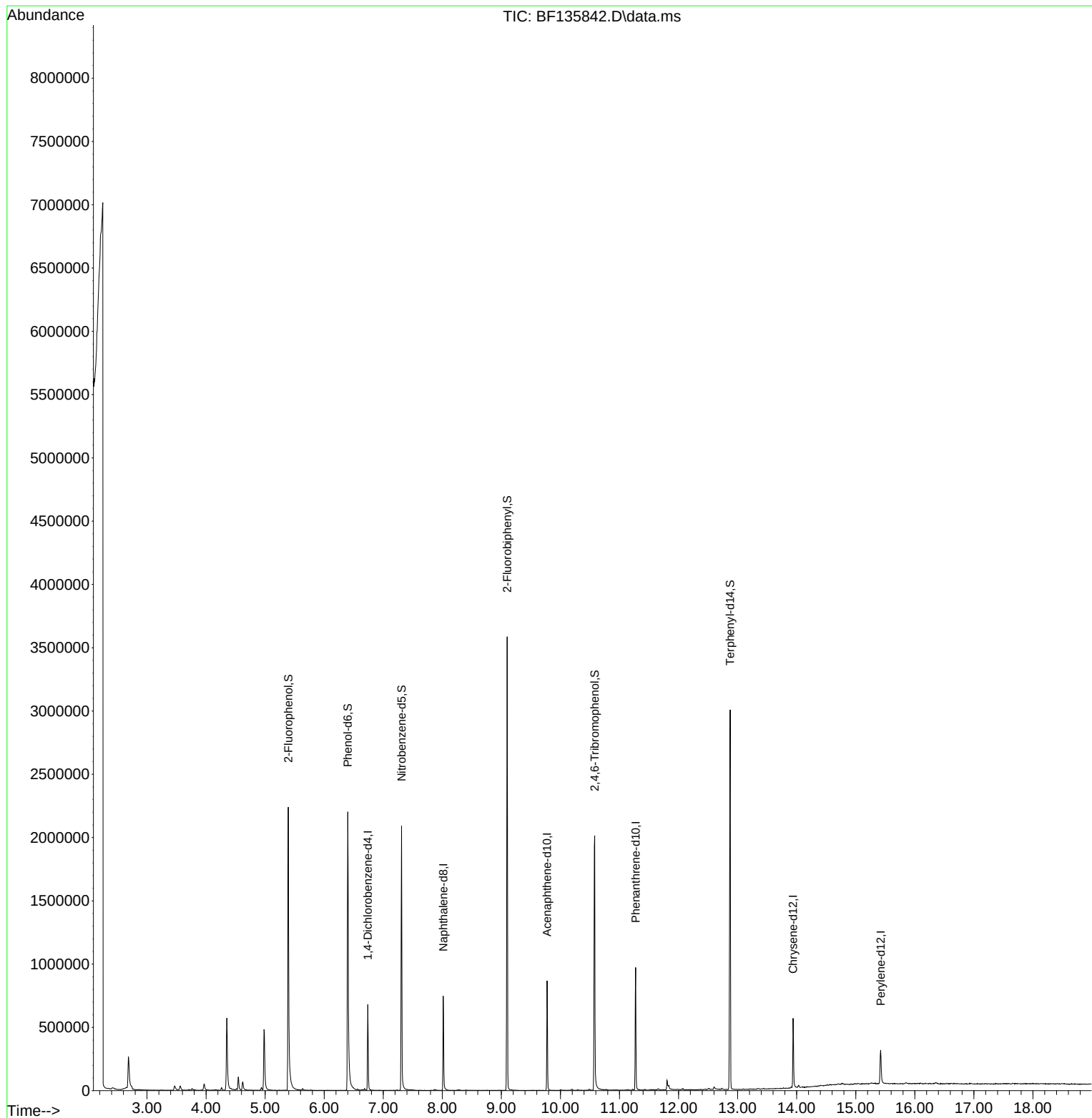
Target Compounds	Qvalue

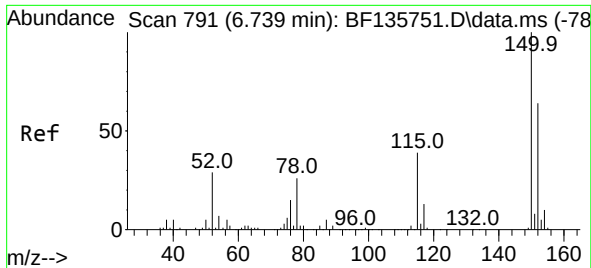
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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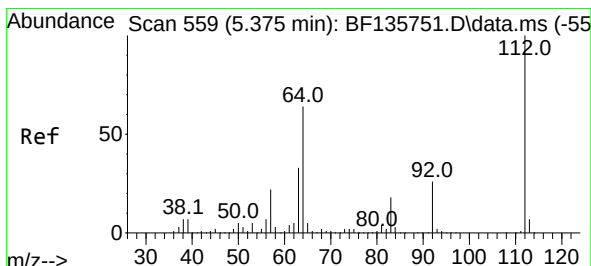
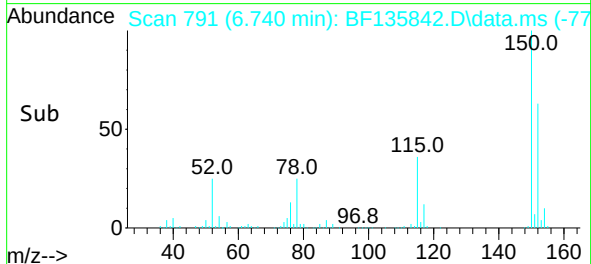
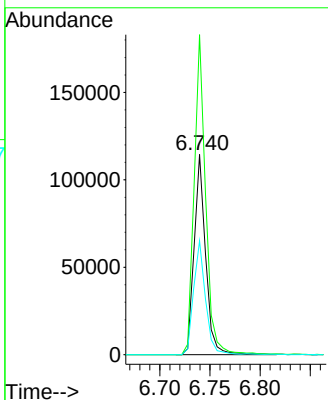
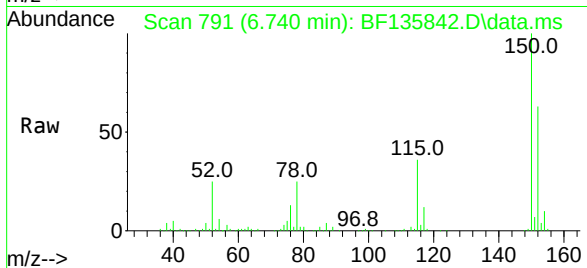




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

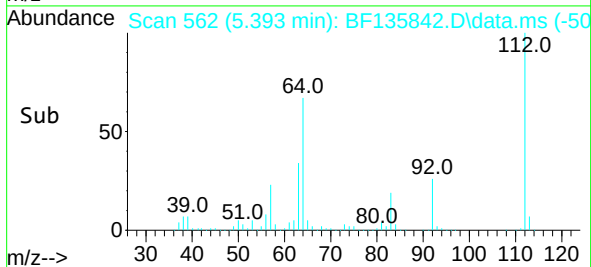
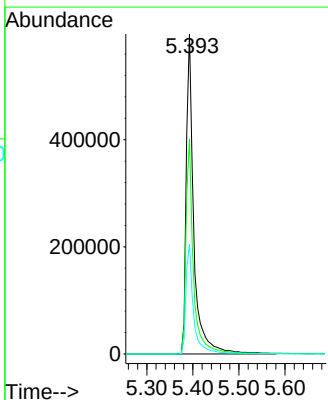
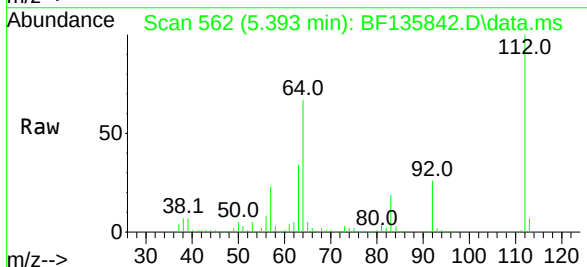
Instrument :
BNA_F
ClientSampleId :
TT-2

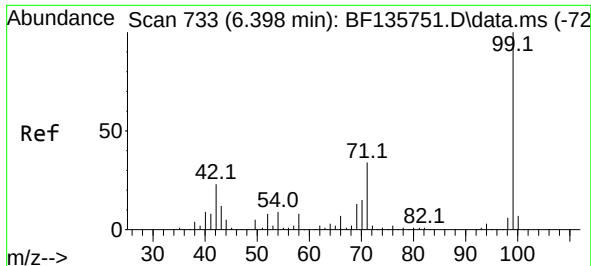
Tgt Ion:152 Resp: 91528
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 56.9 49.0 73.4



#5
2-Fluorophenol
Concen: 119.534 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

Tgt Ion:112 Resp: 680496
Ion Ratio Lower Upper
112 100
64 67.2 51.2 76.8
63 34.4 26.1 39.1

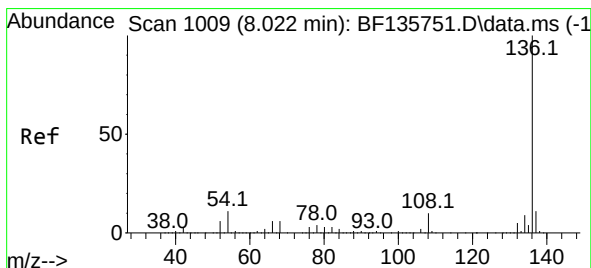
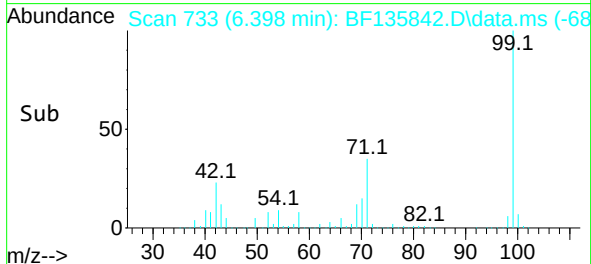
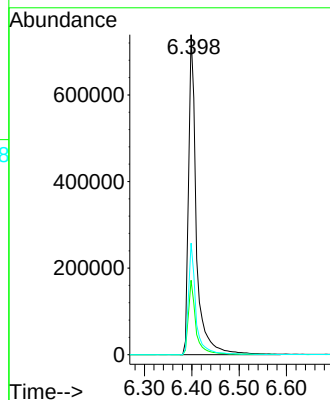
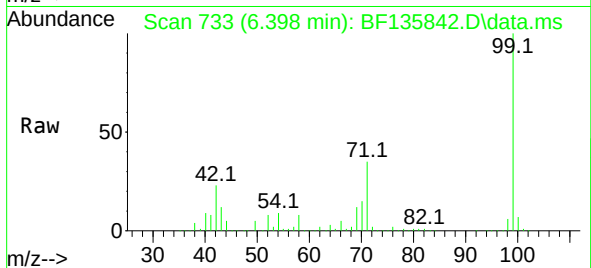




#7
Phenol-d6
Concen: 120.736 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

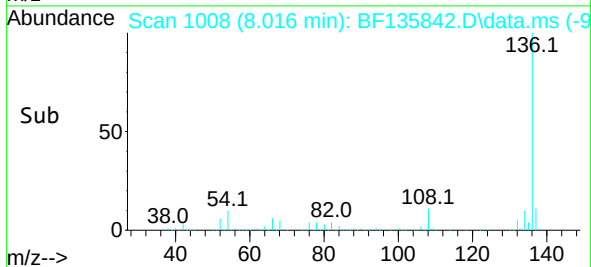
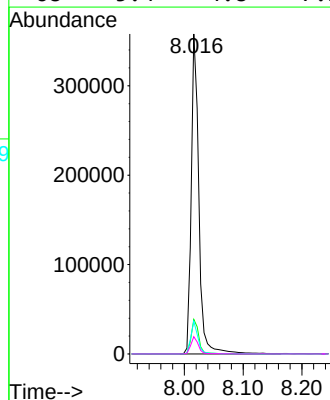
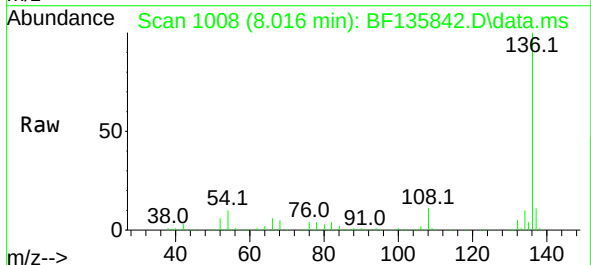
Instrument :
BNA_F
ClientSampleId :
TT-2

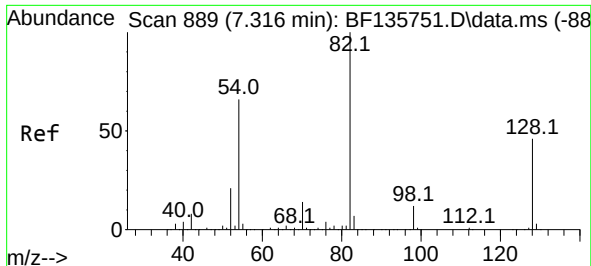
Tgt Ion: 99 Resp: 857612
Ion Ratio Lower Upper
99 100
42 23.3 18.4 27.6
71 34.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

Tgt Ion: 136 Resp: 323362
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.2 8.5 12.7
68 5.4 4.8 7.2

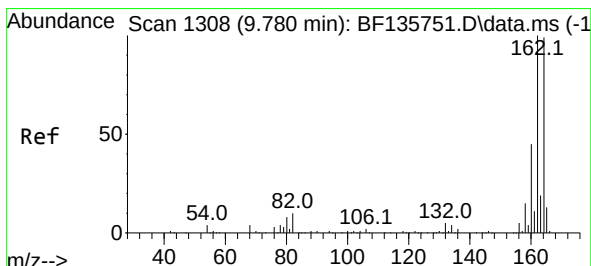
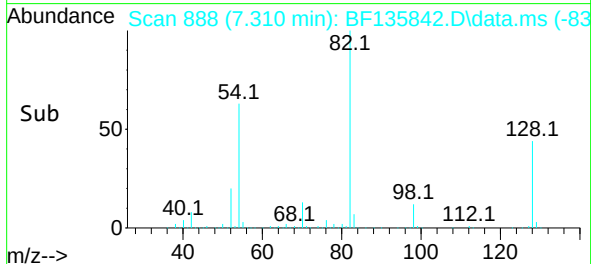
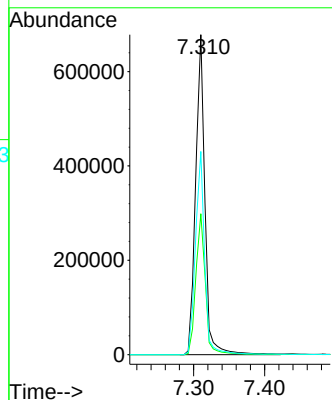
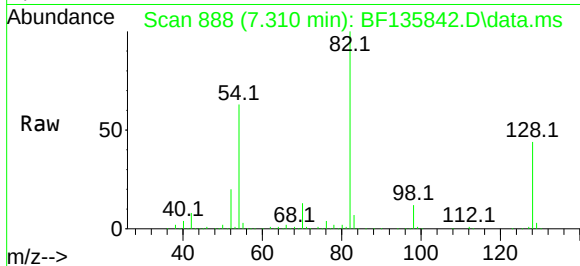




#23
 Nitrobenzene-d5
 Concen: 105.448 ng
 RT: 7.310 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF135842.D
 Acq: 18 Oct 2023 12:31

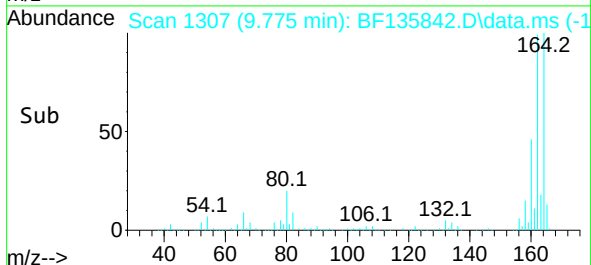
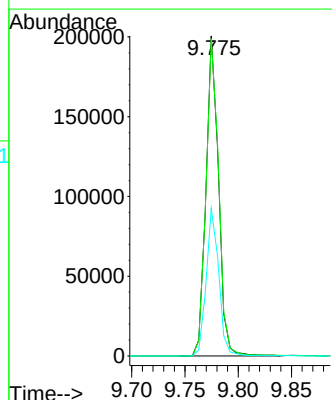
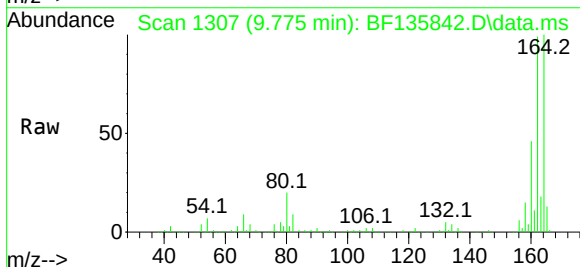
Instrument :
 BNA_F
 ClientSampleId :
 TT-2

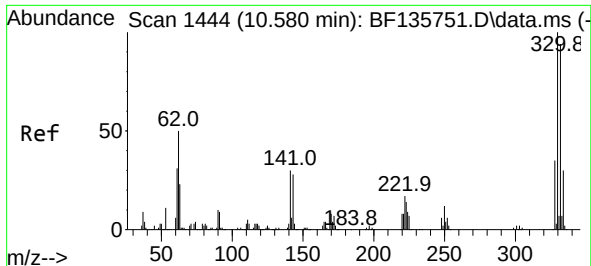
Tgt Ion: 82 Resp: 619969
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.0 55.6
 54 63.5 52.8 79.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BF135842.D
 Acq: 18 Oct 2023 12:31

Tgt Ion:164 Resp: 164715
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.8 121.2
 160 46.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 177.697 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135842.D

Acq: 18 Oct 2023 12:31

Instrument :

BNA_F

ClientSampleId :

TT-2

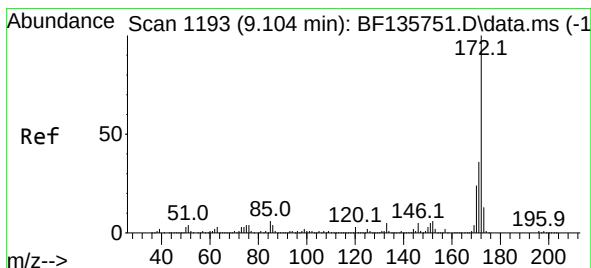
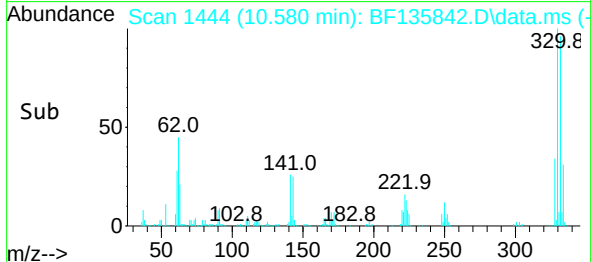
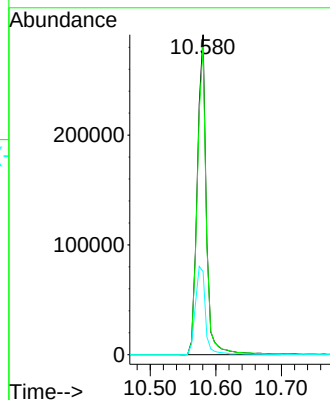
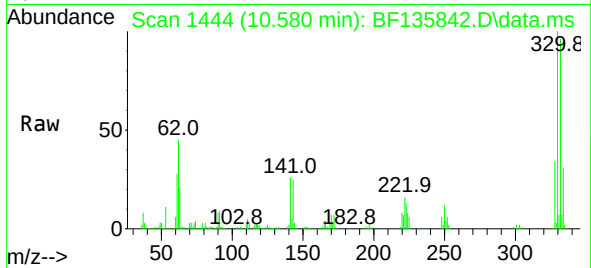
Tgt Ion:330 Resp: 280863

Ion Ratio Lower Upper

330 100

332 97.1 75.0 112.4

141 30.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 100.696 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135842.D

Acq: 18 Oct 2023 12:31

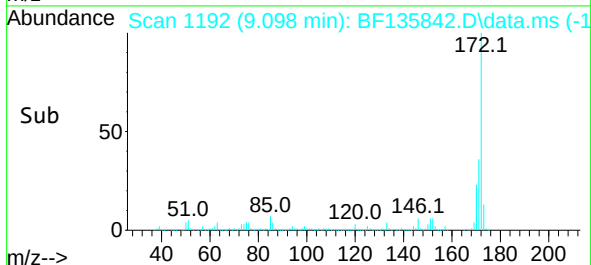
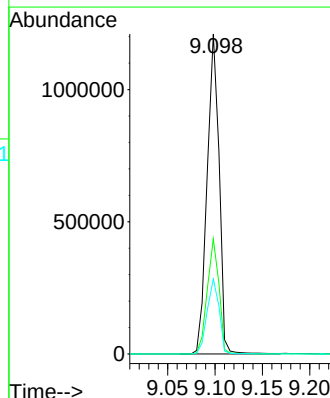
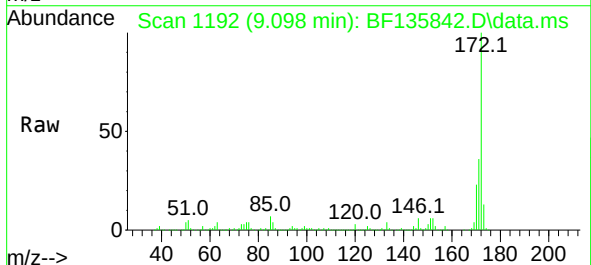
Tgt Ion:172 Resp: 1060825

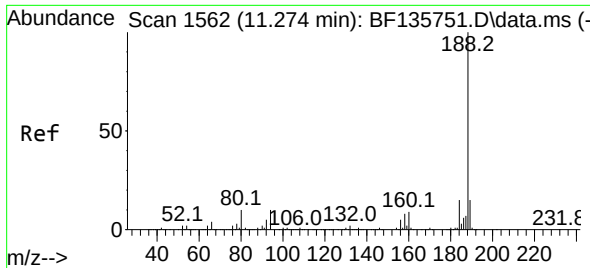
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.4 18.8 28.2

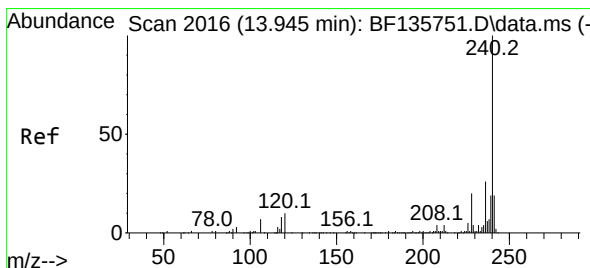
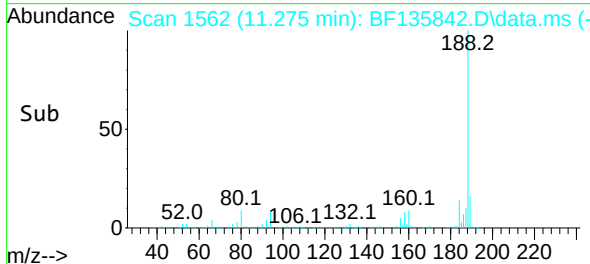
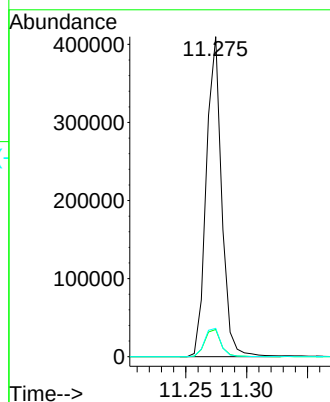
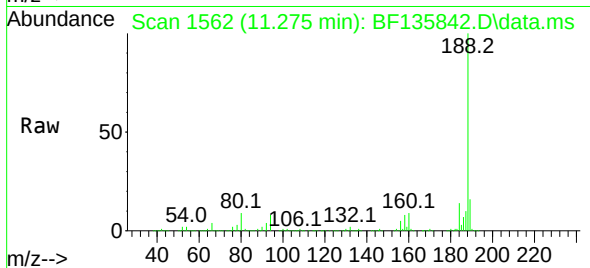




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

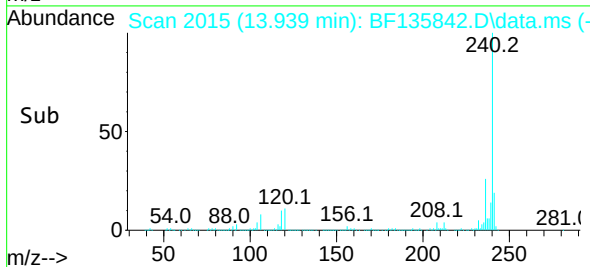
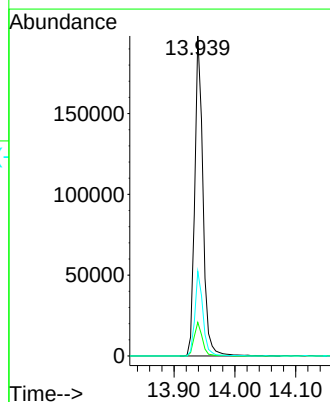
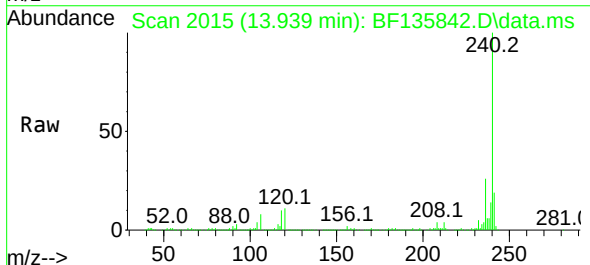
Instrument :
BNA_F
ClientSampleId :
TT-2

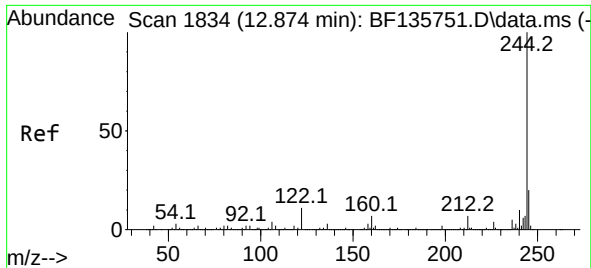
Tgt Ion:188 Resp: 357839
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 8.9 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135842.D
Acq: 18 Oct 2023 12:31

Tgt Ion:240 Resp: 185259
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 26.5 21.2 31.8

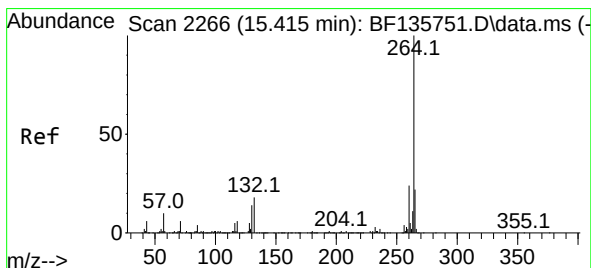
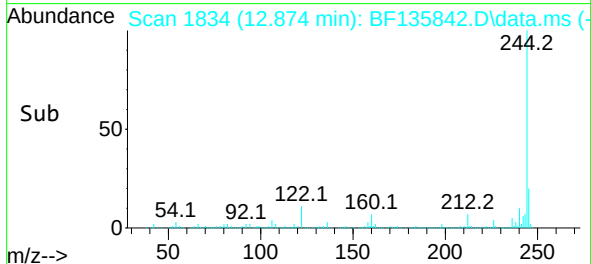
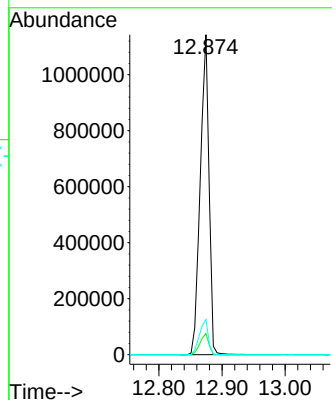
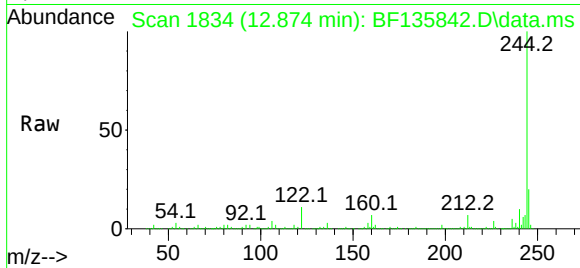




#79
 Terphenyl-d14
 Concen: 109.323 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135842.D
 Acq: 18 Oct 2023 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TT-2

Tgt Ion:244 Resp: 1093629
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135842.D
 Acq: 18 Oct 2023 12:31

Tgt Ion:264 Resp: 136994
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 17.4 26.2

