

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135902.D
 Acq On : 19 Oct 2023 23:25
 Operator : CG\JU
 Sample : 04685-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

Quant Time: Oct 20 02:07:18 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	50877	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	179584	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	77836	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	138164	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	113062	20.000	ng	-0.02
86) Perylene-d12	15.409	264	95579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	300566	94.981	ng	0.00
7) Phenol-d6	6.392	99	386013	97.764	ng	0.00
23) Nitrobenzene-d5	7.304	82	211633	64.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	68536	91.761	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	352477	70.803	ng	-0.01
79) Terphenyl-d14	12.863	244	331220	54.253	ng	-0.02

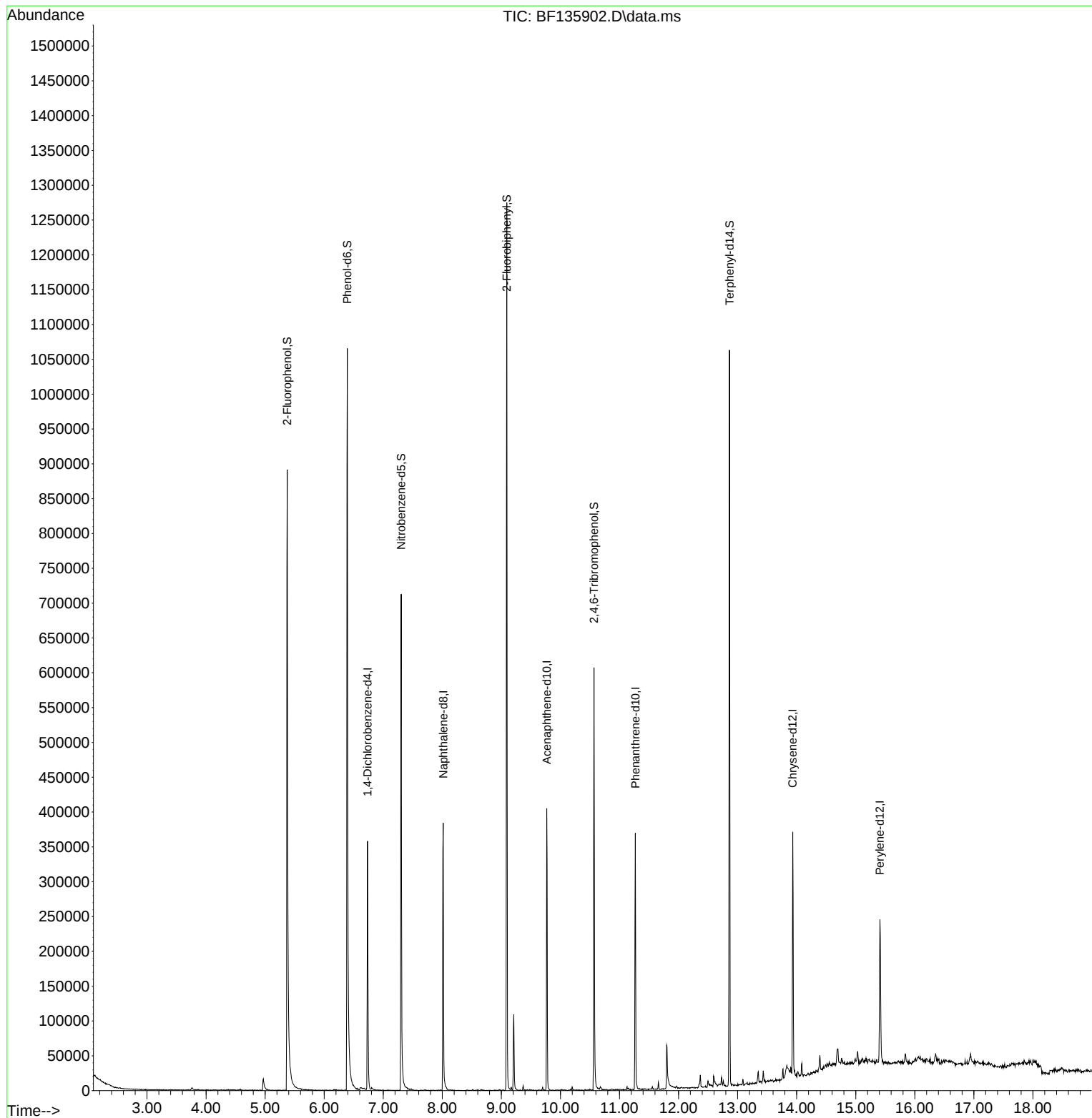
Target Compounds	Qvalue

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

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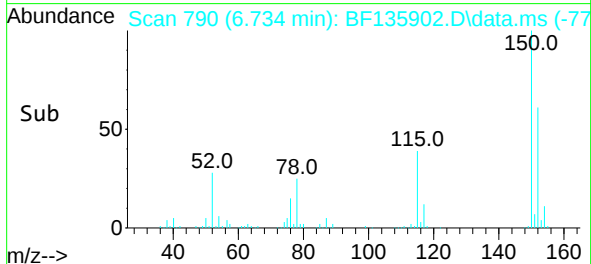
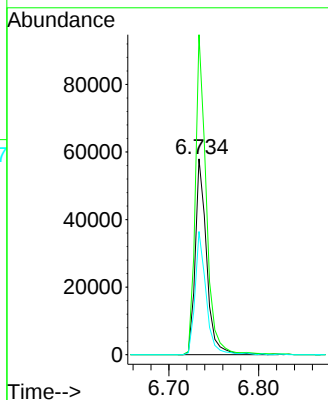
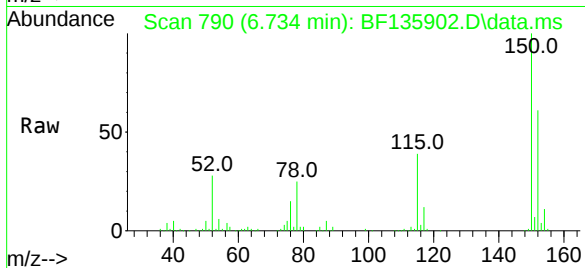




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

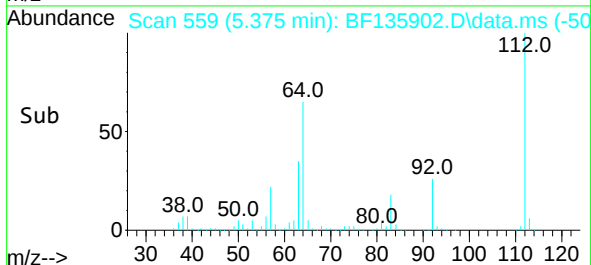
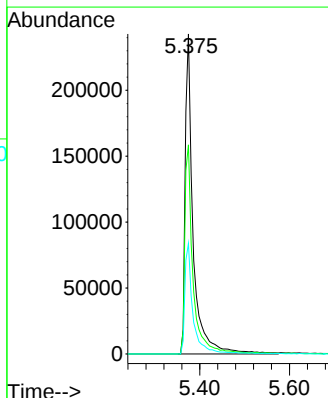
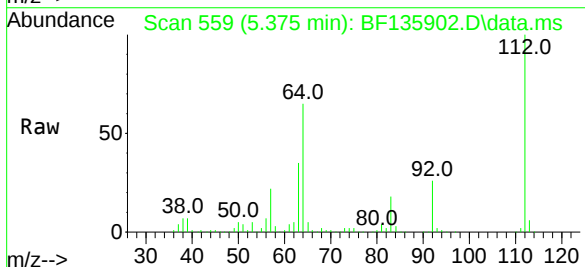
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

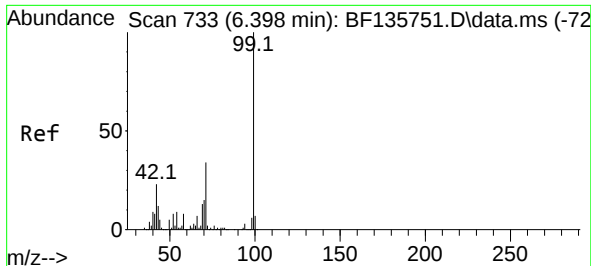
Tgt Ion:152 Resp: 50877
 Ion Ratio Lower Upper
 152 100
 150 163.5 124.5 186.7
 115 62.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 94.981 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

Tgt Ion:112 Resp: 300566
 Ion Ratio Lower Upper
 112 100
 64 65.4 51.2 76.8
 63 34.5 26.1 39.1

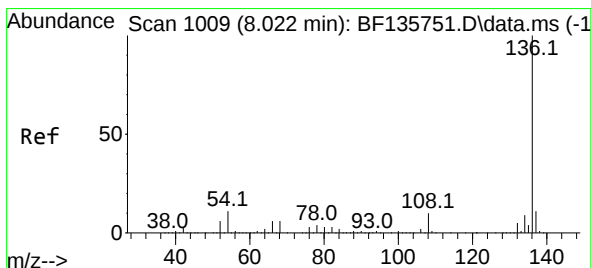
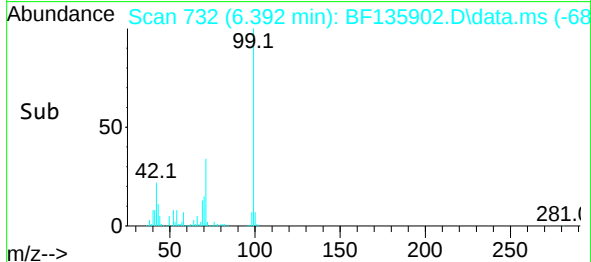
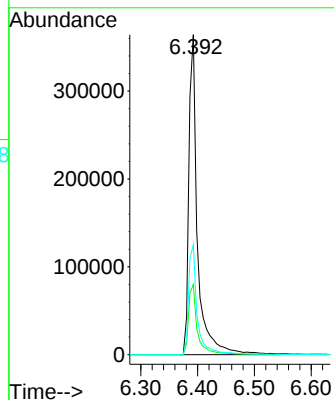
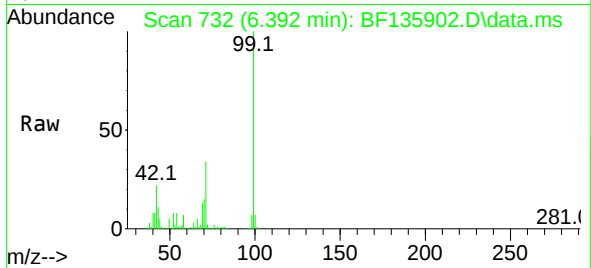




#7
Phenol-d6
Concen: 97.764 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

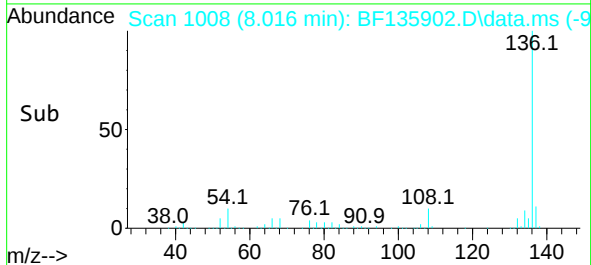
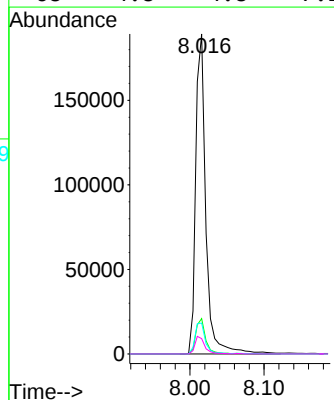
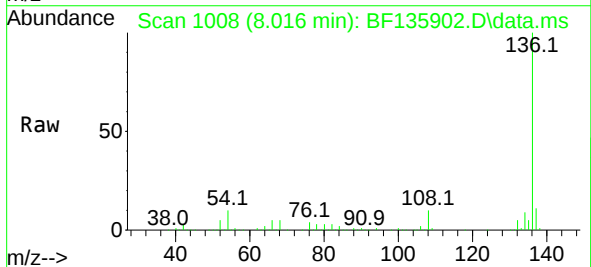
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

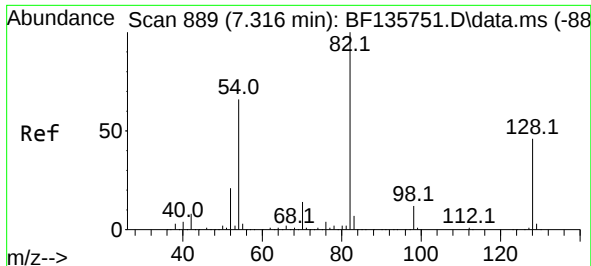
Tgt Ion: 99 Resp: 386013
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 34.3 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion: 136 Resp: 179584
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.7 8.5 12.7
68 4.8 4.8 7.2

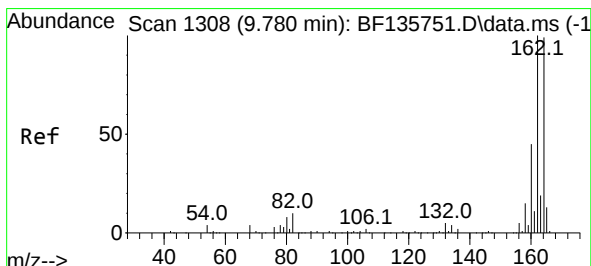
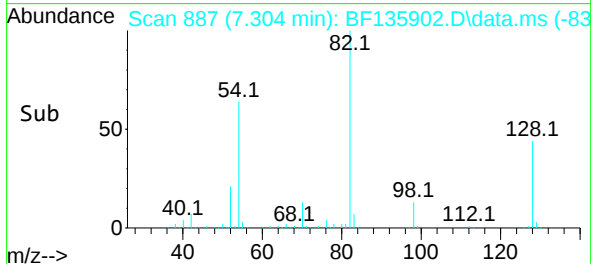
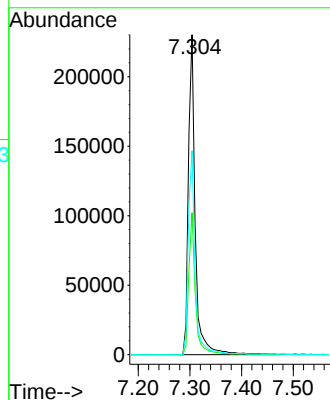
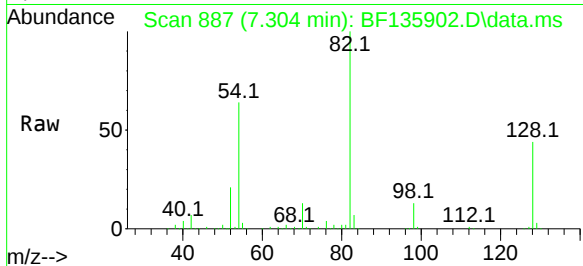




#23
Nitrobenzene-d5
Concen: 64.815 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

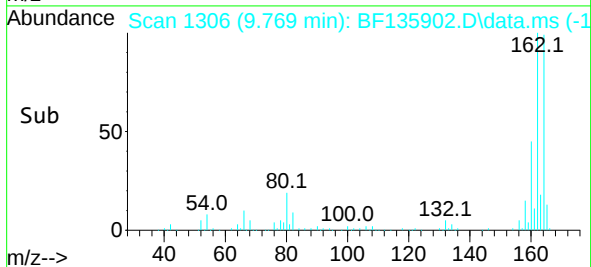
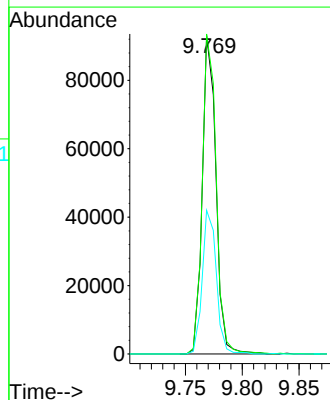
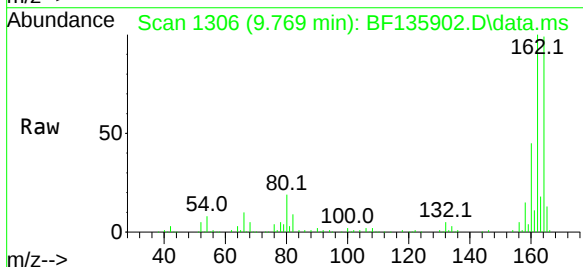
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

Tgt Ion: 82 Resp: 211633
Ion Ratio Lower Upper
82 100
128 44.4 37.0 55.6
54 63.7 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

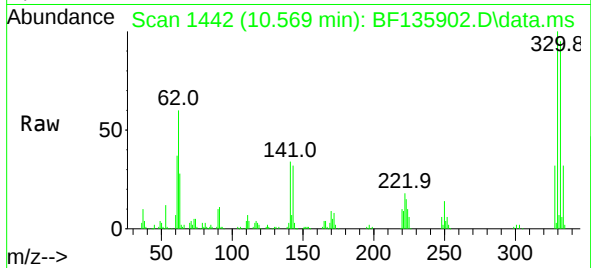
Tgt Ion:164 Resp: 77836
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 45.2 36.6 54.8



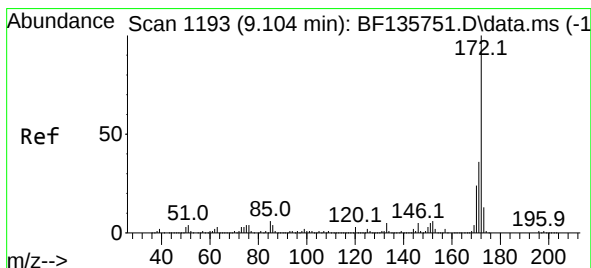
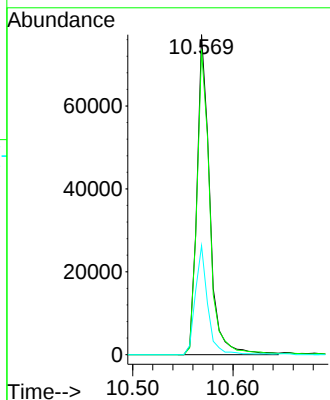
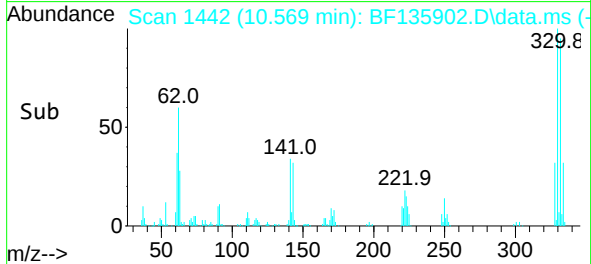


#42
2,4,6-Tribromophenol
Concen: 91.761 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.018 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

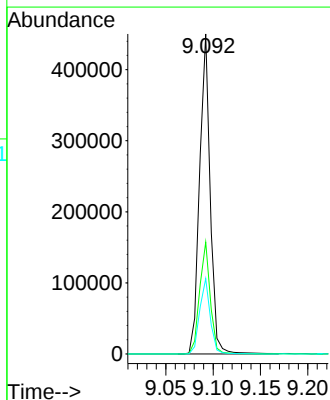
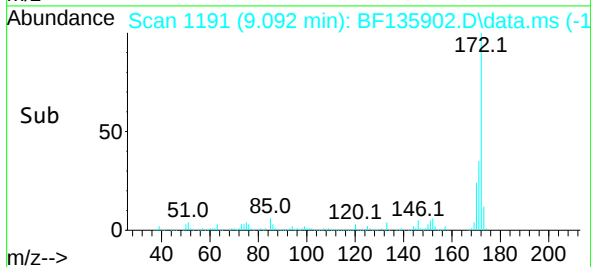
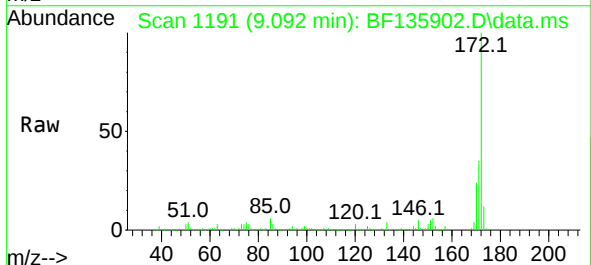


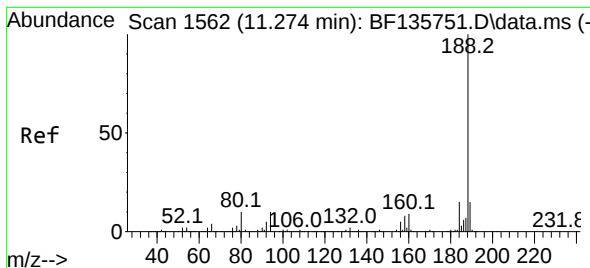
Tgt Ion:330 Resp: 68536
Ion Ratio Lower Upper
330 100
332 96.4 75.0 112.4
141 32.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 70.803 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion:172 Resp: 352477
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 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: BF135902.D

Acq: 19 Oct 2023 23:25

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5

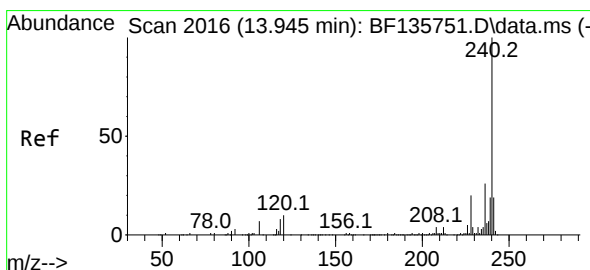
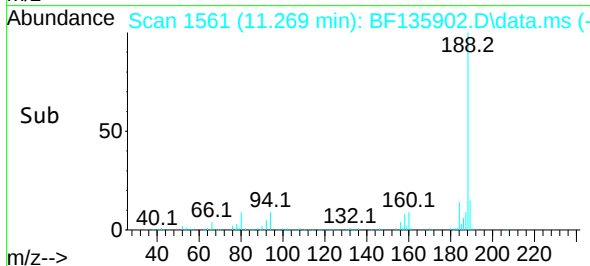
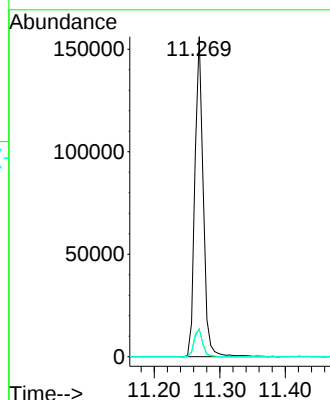
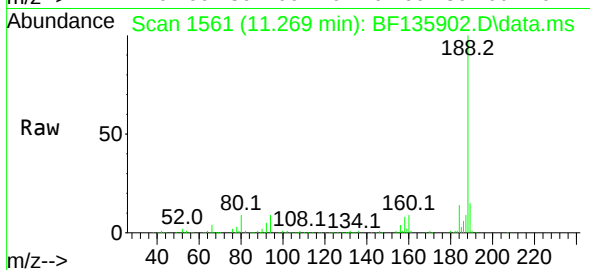
Tgt Ion:188 Resp: 138164

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 8.6 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: BF135902.D

Acq: 19 Oct 2023 23:25

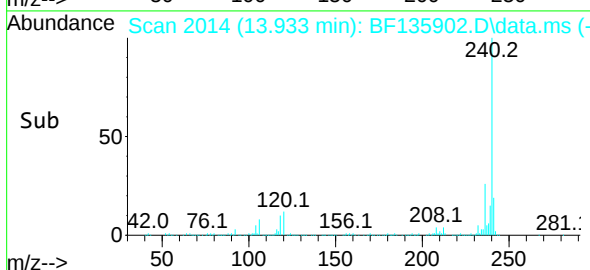
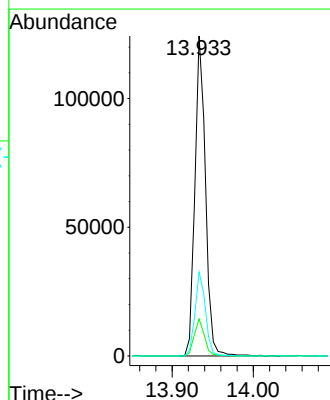
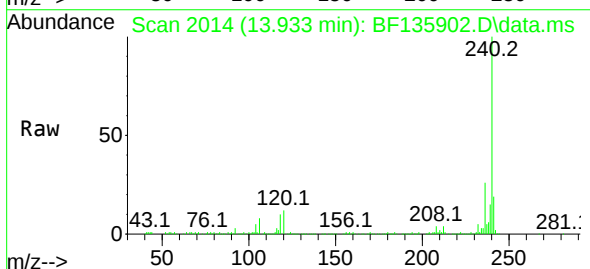
Tgt Ion:240 Resp: 113062

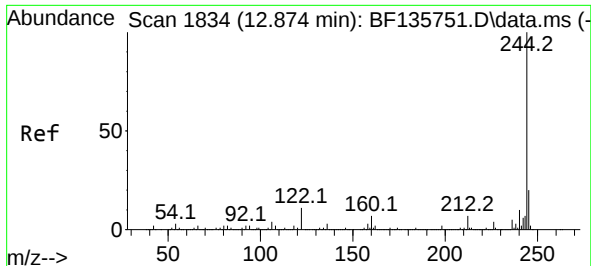
Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

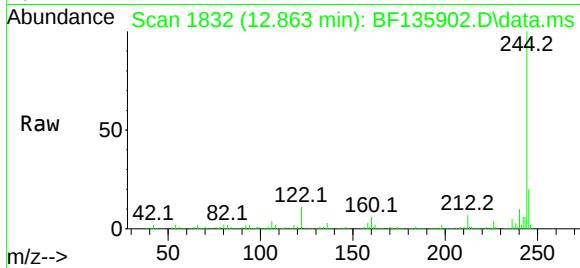
236 26.2 21.2 31.8



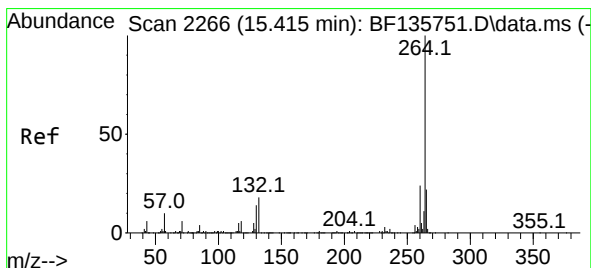
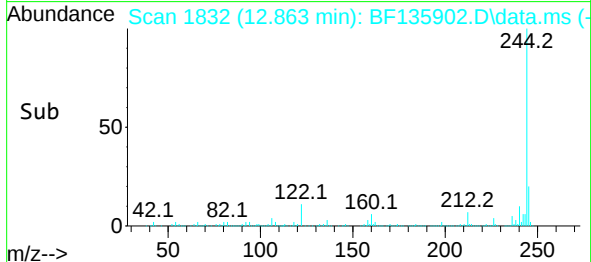
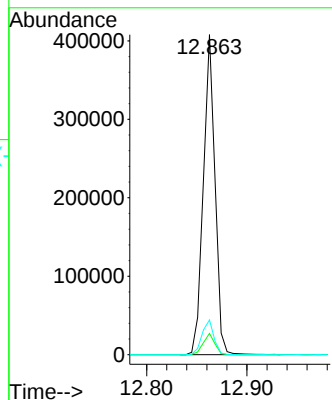


#79
 Terphenyl-d14
 Concen: 54.253 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.018 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

Instrument :
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 ClientSampleId :
 PP-20230928-B4A-0-7.5



Tgt Ion:244 Resp: 331220
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

Tgt Ion:264 Resp: 95579
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.0 17.4 26.2

