

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135792.D
 Acq On : 16 Oct 2023 23:26
 Operator : CG\JU
 Sample : 04844-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07

Quant Time: Oct 17 01:59:54 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	131167	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	519551	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	253565	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	519321	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	259039	20.000	ng	-0.02
86) Perylene-d12	15.409	264	291141	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	921960	113.007	ng	0.01
7) Phenol-d6	6.392	99	1076468	105.749	ng	0.00
23) Nitrobenzene-d5	7.304	82	750438	79.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	300201	123.379	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1275444	78.645	ng	0.00
79) Terphenyl-d14	12.868	244	1303264	93.172	ng	-0.01

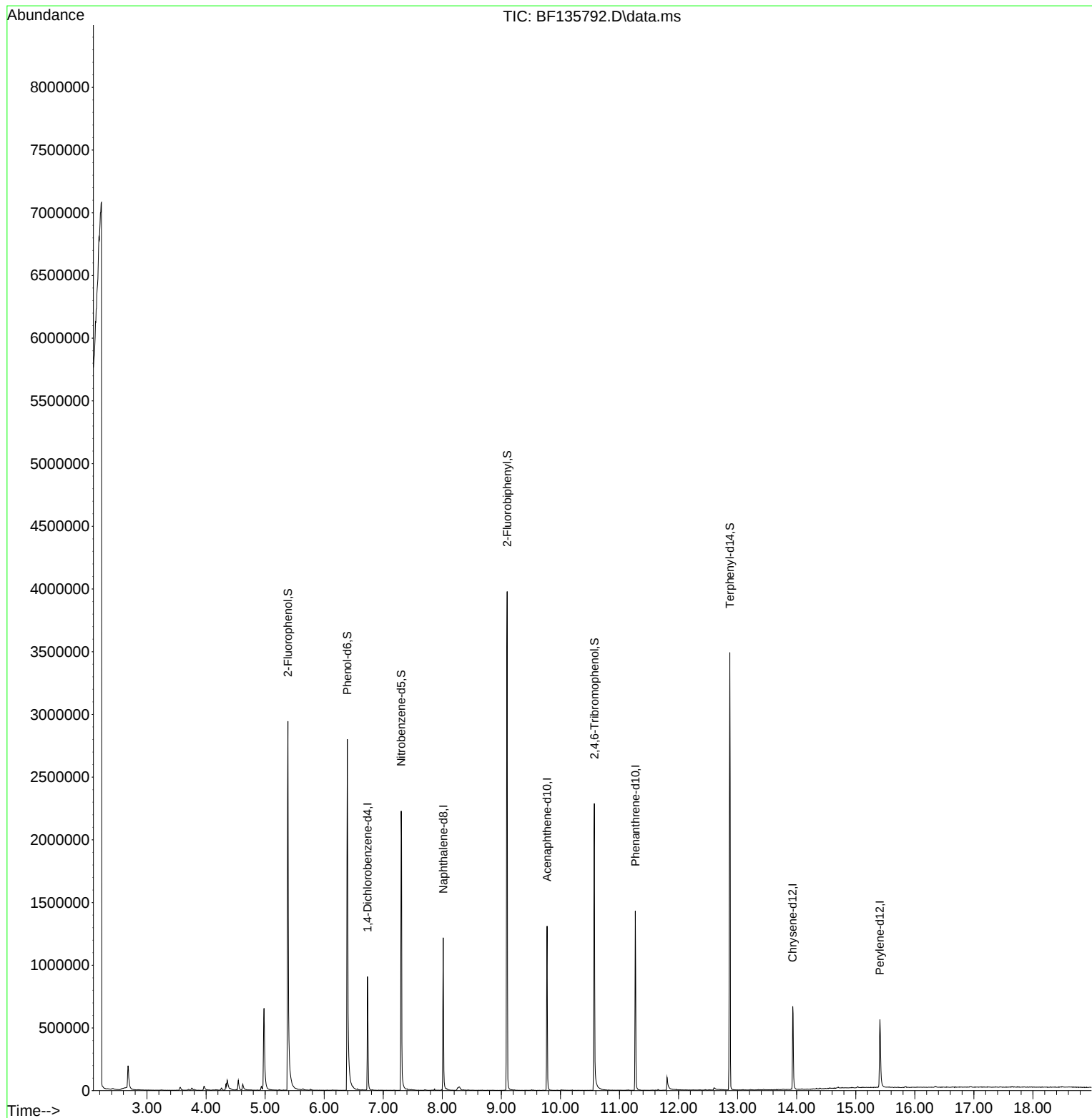
Target Compounds	Qvalue

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

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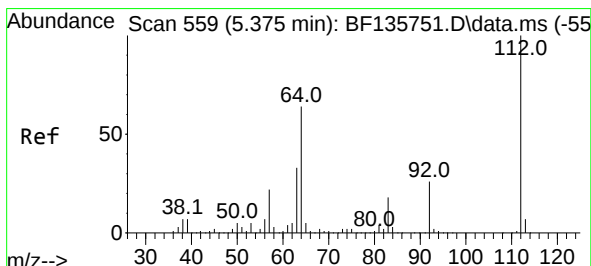
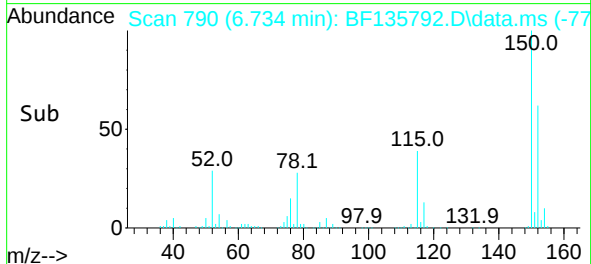
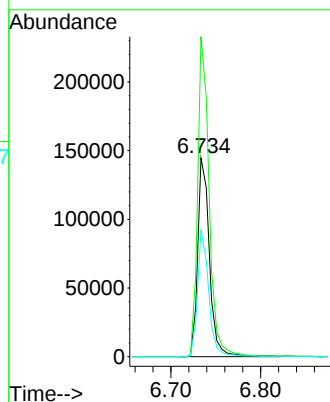
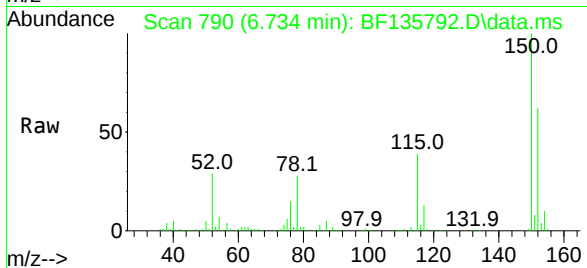




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

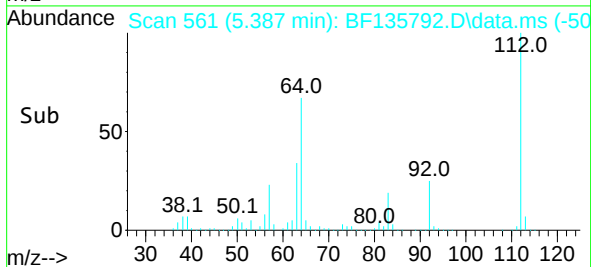
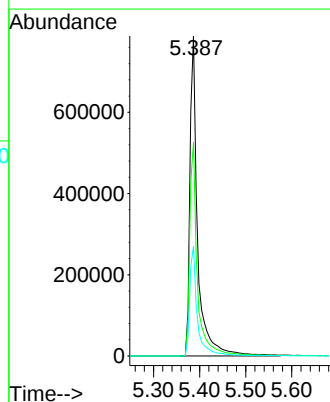
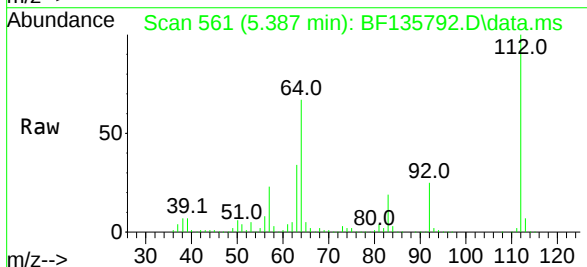
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07

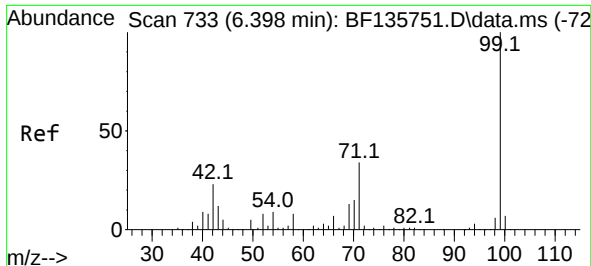
Tgt Ion:152 Resp: 131167
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.5 186.7
 115 63.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 113.007 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

Tgt Ion:112 Resp: 921960
 Ion Ratio Lower Upper
 112 100
 64 66.8 51.2 76.8
 63 34.3 26.1 39.1

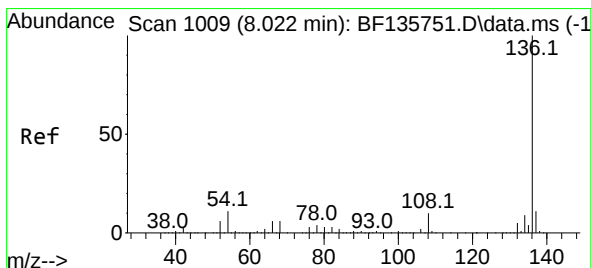
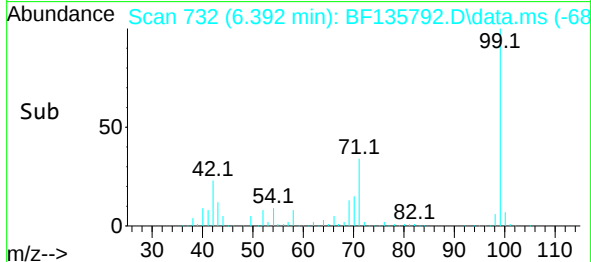
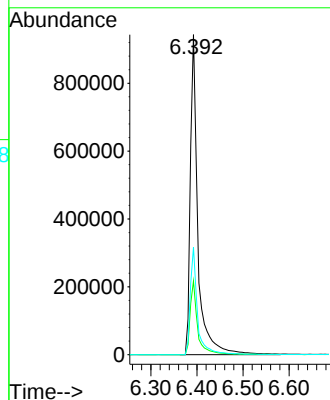
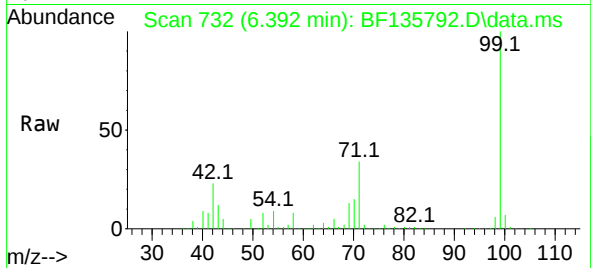




#7
Phenol-d6
Concen: 105.749 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

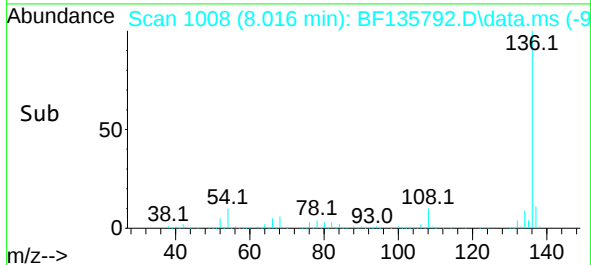
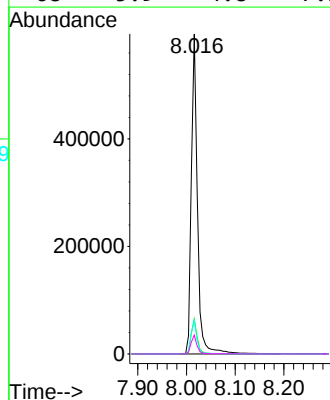
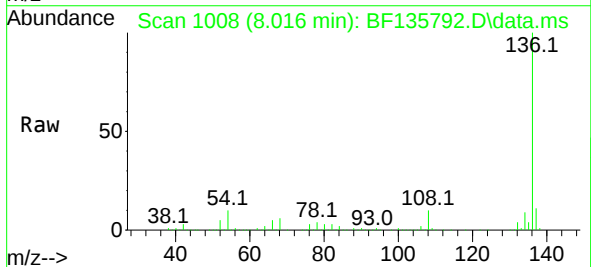
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-07

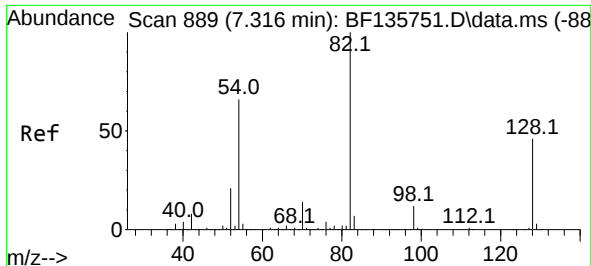
Tgt Ion: 99 Resp: 1076468
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 33.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Tgt Ion: 136 Resp: 519551
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.4 8.5 12.7
68 5.9 4.8 7.2

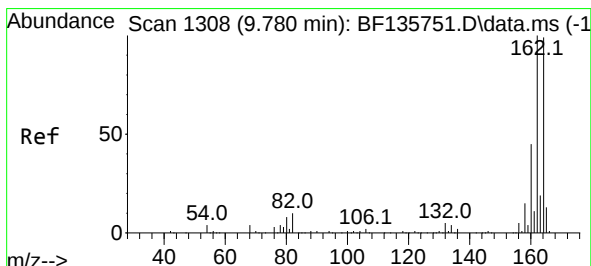
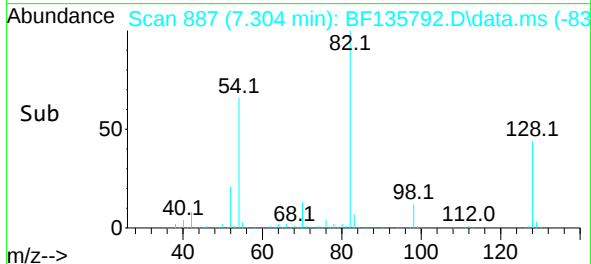
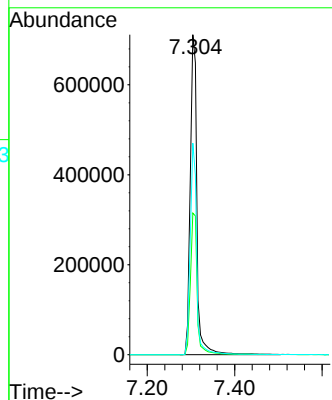
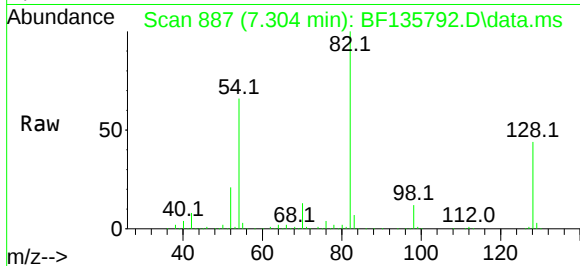




#23
 Nitrobenzene-d5
 Concen: 79.441 ng
 RT: 7.304 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

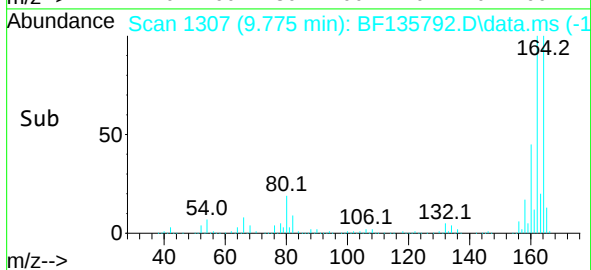
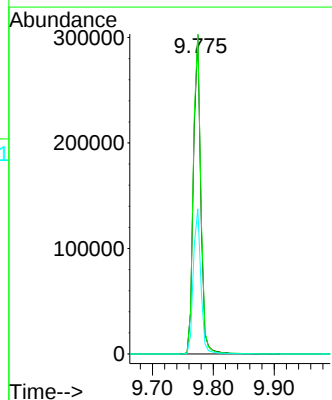
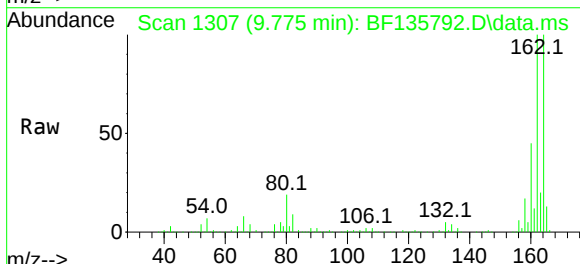
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-07

Tgt Ion: 82 Resp: 750438
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.0 55.6
 54 66.1 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: BF135792.D
 Acq: 16 Oct 2023 23:26

Tgt Ion:164 Resp: 253565
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.8 121.2
 160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 123.379 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135792.D

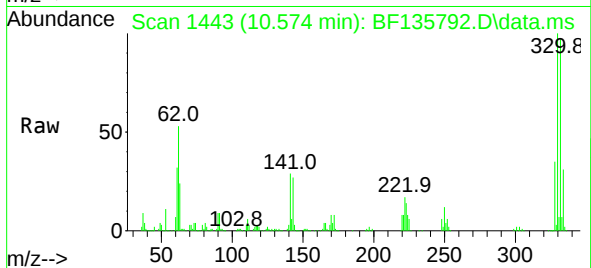
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Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-07



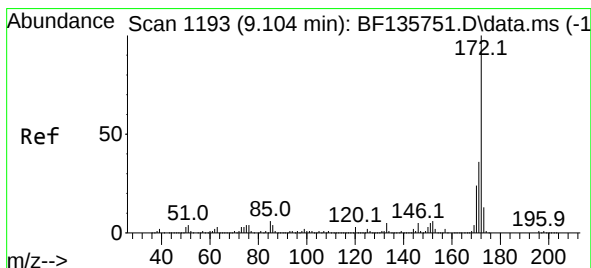
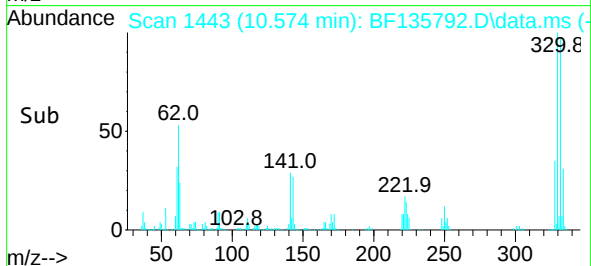
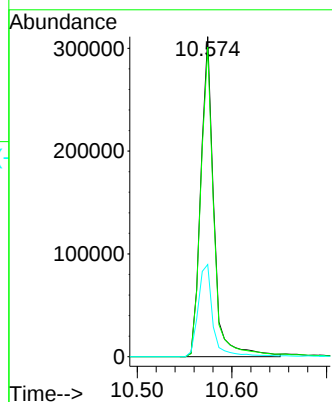
Tgt Ion:330 Resp: 300201

Ion Ratio Lower Upper

330 100

332 98.3 75.0 112.4

141 32.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 78.645 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135792.D

Acq: 16 Oct 2023 23:26

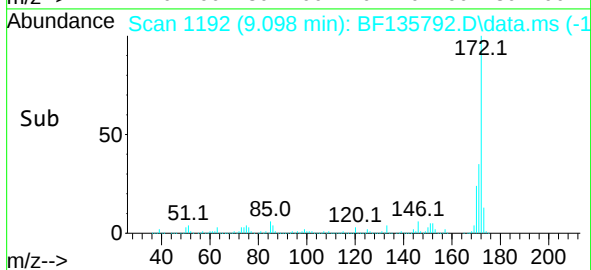
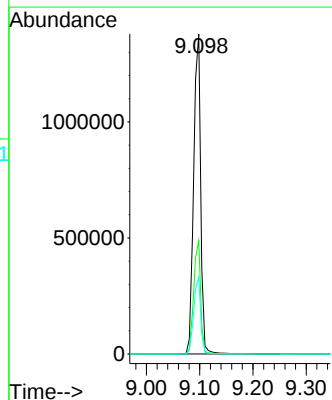
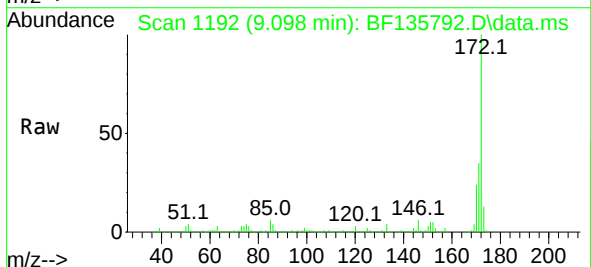
Tgt Ion:172 Resp: 1275444

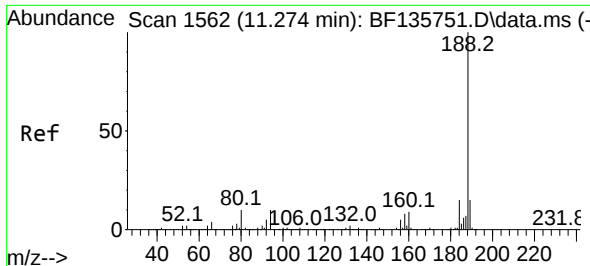
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.0 18.8 28.2

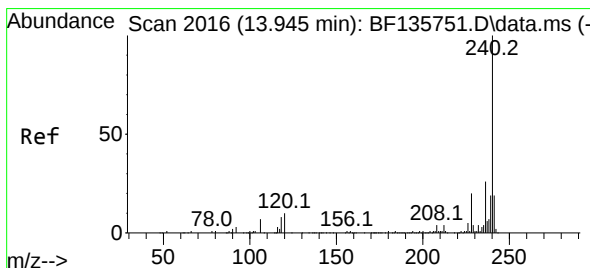
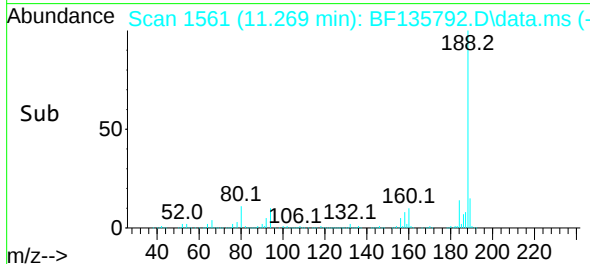
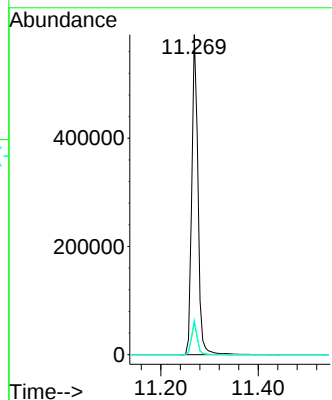
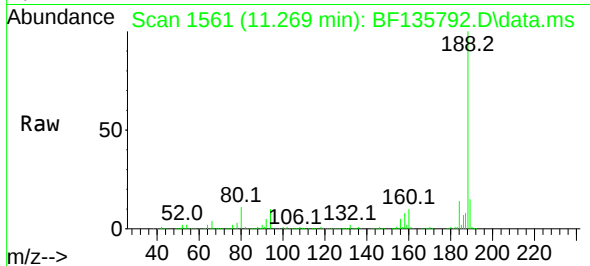




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

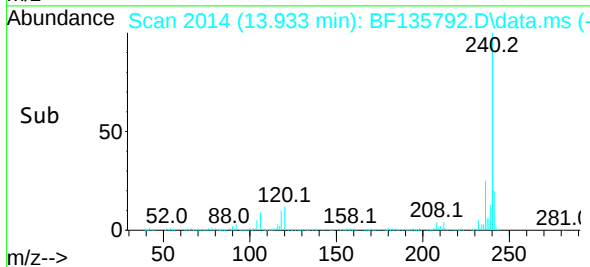
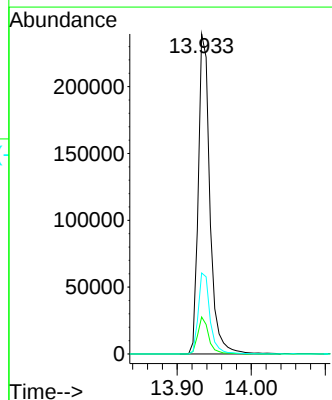
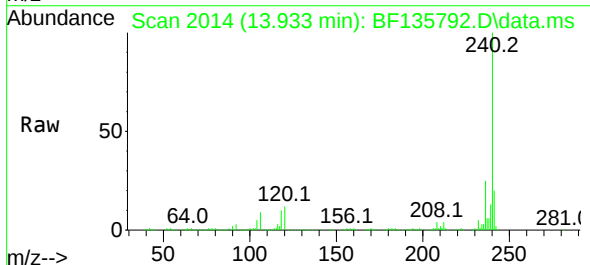
Instrument :
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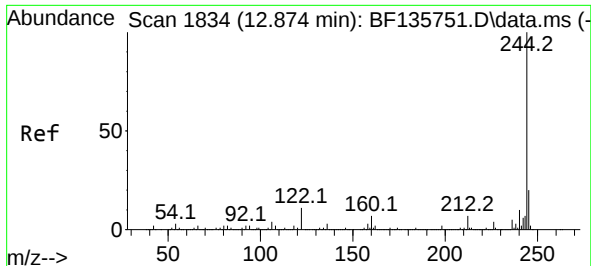
Tgt Ion:188 Resp: 519321
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Tgt Ion:240 Resp: 259039
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 25.3 21.2 31.8

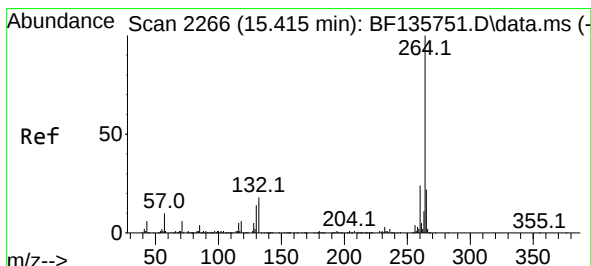
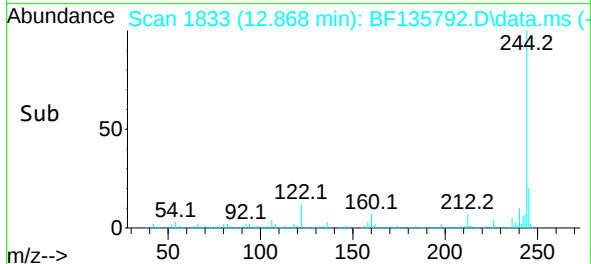
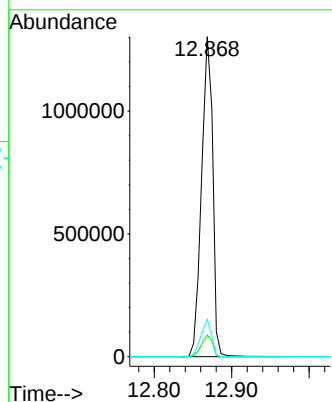
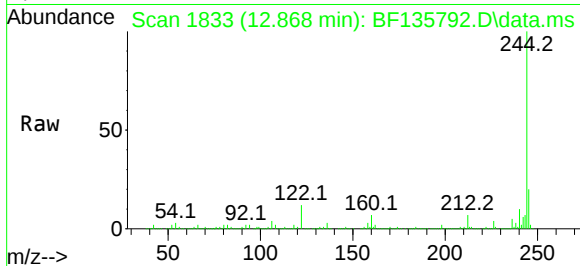




#79
 Terphenyl-d14
 Concen: 93.172 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1303264
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 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: BF135792.D
 Acq: 16 Oct 2023 23:26

Tgt Ion:264 Resp: 291141
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.4 17.4 26.2

