

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135554.D
 Acq On : 03 Oct 2023 21:51
 Operator : CG\JU
 Sample : 04627-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-09

Quant Time: Oct 04 07:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178655	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	684905	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	338885	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	639368	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	339636	20.000	ng	0.00
86) Perylene-d12	15.386	264	362734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	878918	80.015	ng	0.00
7) Phenol-d6	6.386	99	1089218	77.984	ng	0.00
23) Nitrobenzene-d5	7.304	82	665578	52.796	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	240998	71.562	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1181993	52.623	ng	0.00
79) Terphenyl-d14	12.857	244	1124017	51.303	ng	0.00

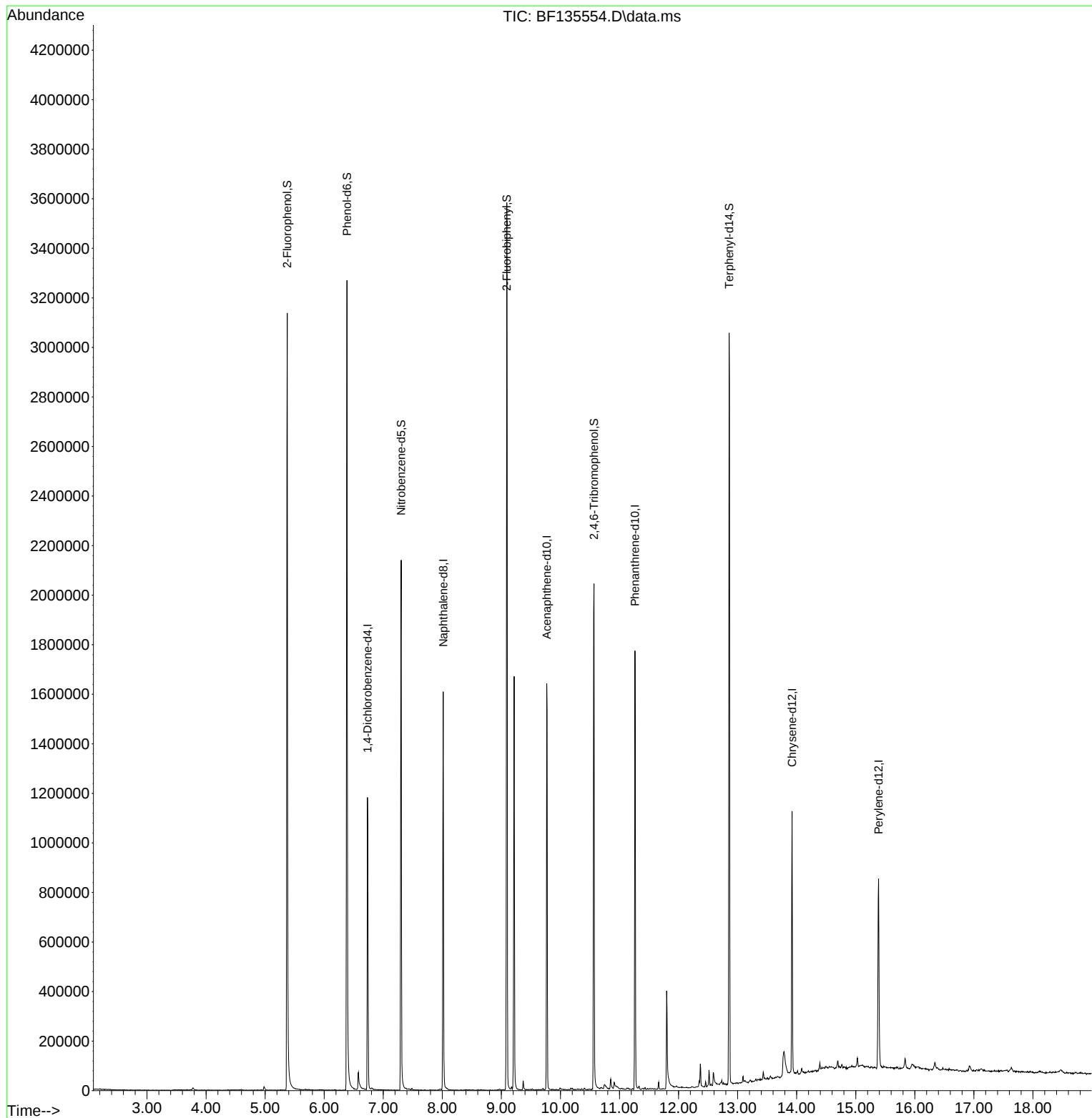
Target Compounds	Qvalue

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

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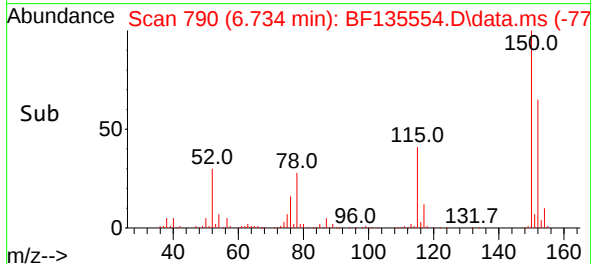
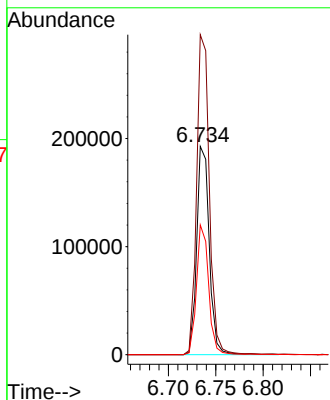
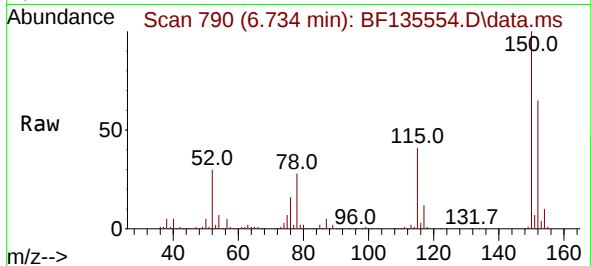




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

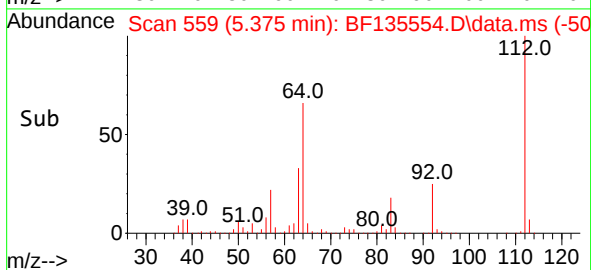
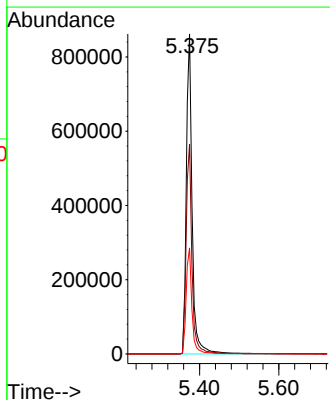
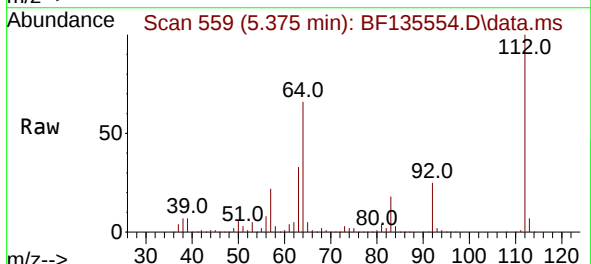
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion:152 Resp: 178655
Ion Ratio Lower Upper
152 100
150 153.6 127.8 191.6
115 62.3 49.8 74.8



#5
2-Fluorophenol
Concen: 80.015 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:112 Resp: 878918
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 33.2 29.0 43.6

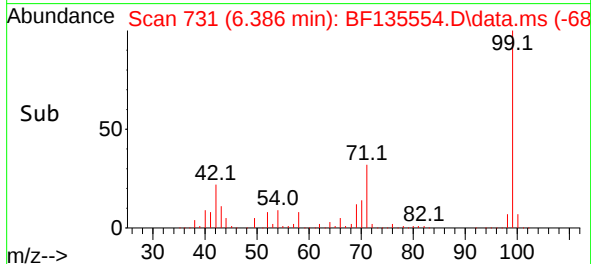
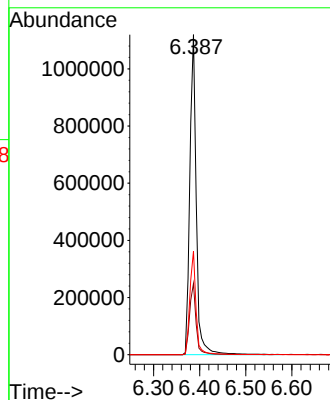
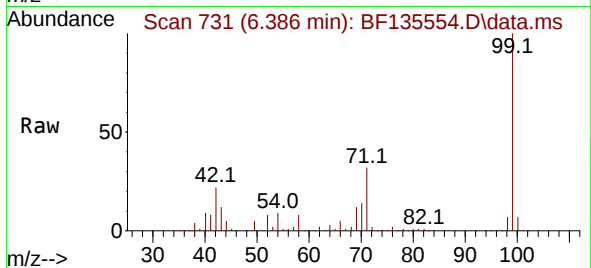




#7
Phenol-d6
Concen: 77.984 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

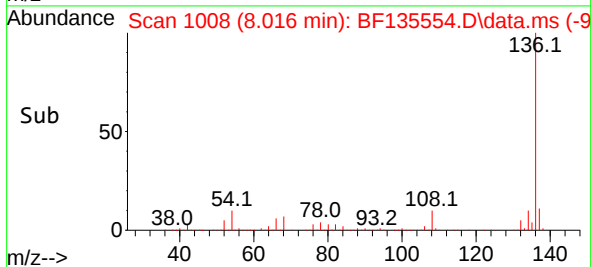
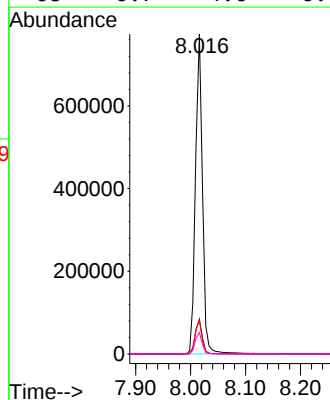
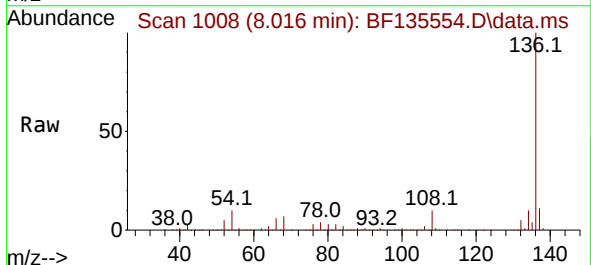
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion: 99 Resp: 1089218
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 32.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:136 Resp: 684905
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.796 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135554.D

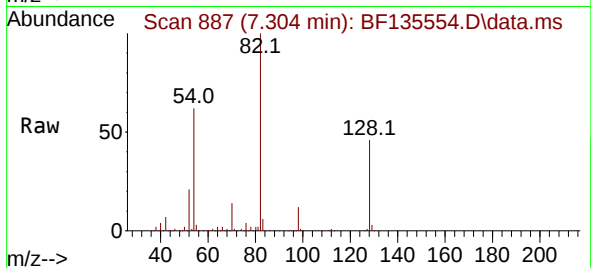
Acq: 03 Oct 2023 21:51

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-09



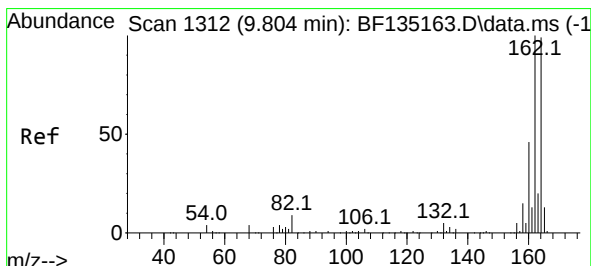
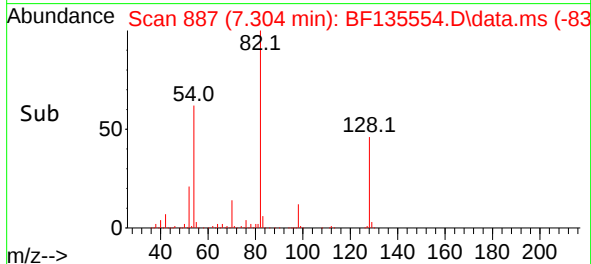
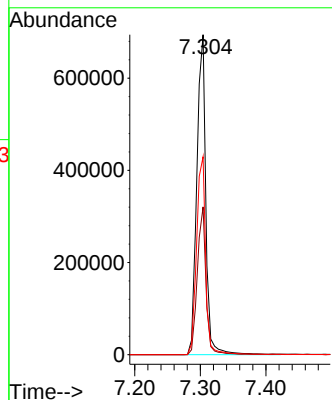
Tgt Ion: 82 Resp: 665578

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.6

54 61.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135554.D

Acq: 03 Oct 2023 21:51

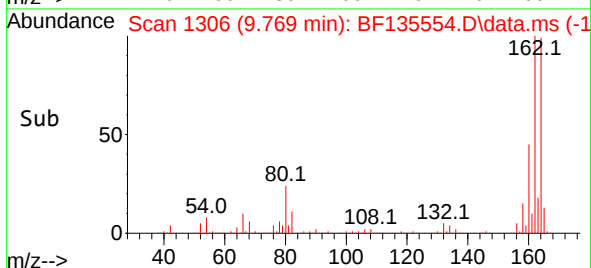
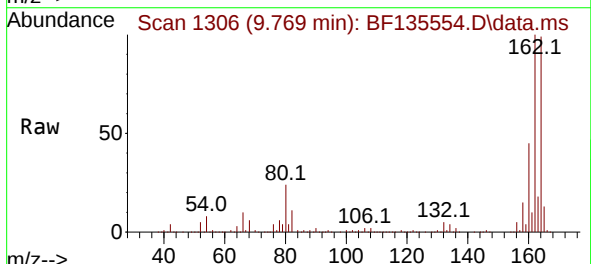
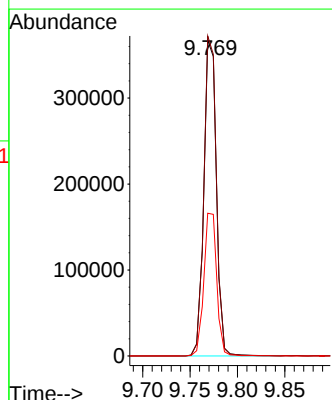
Tgt Ion: 164 Resp: 338885

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 45.2 37.0 55.4

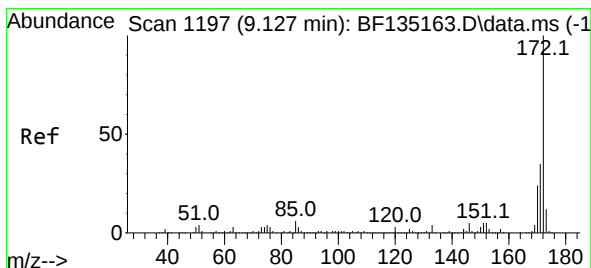
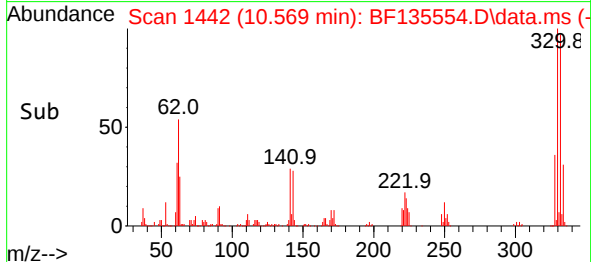
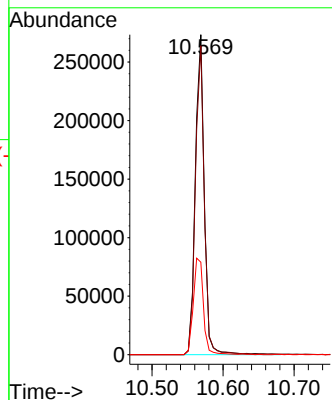
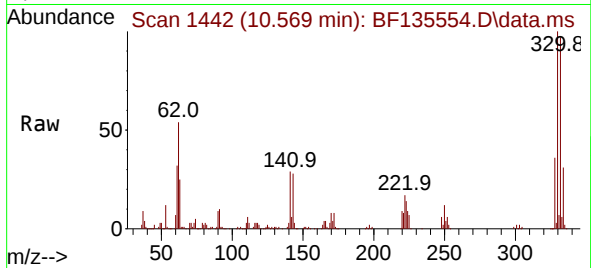




#42
2,4,6-Tribromophenol
Concen: 71.562 ng
RT: 10.569 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

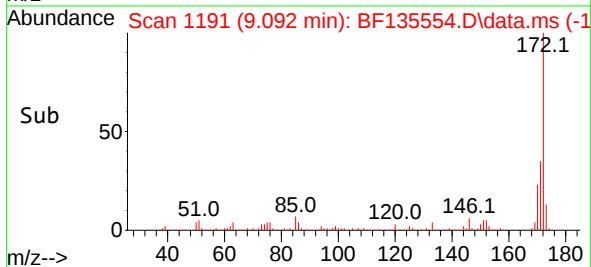
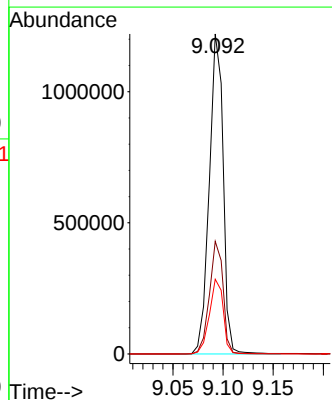
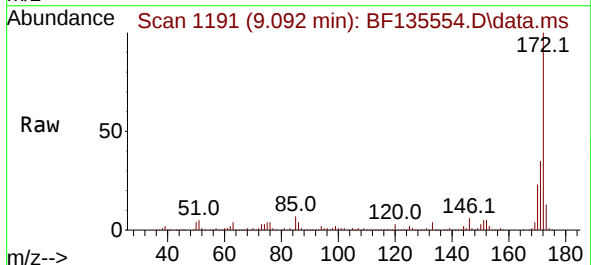
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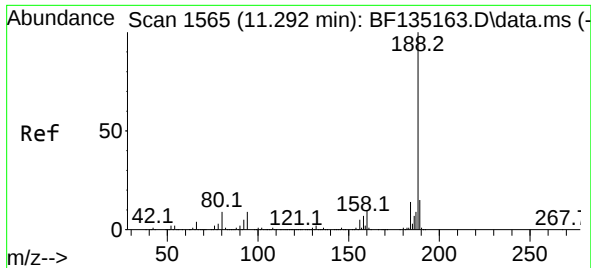
Tgt Ion:330 Resp: 240998
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 34.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 52.623 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:172 Resp: 1181993
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.0 28.4

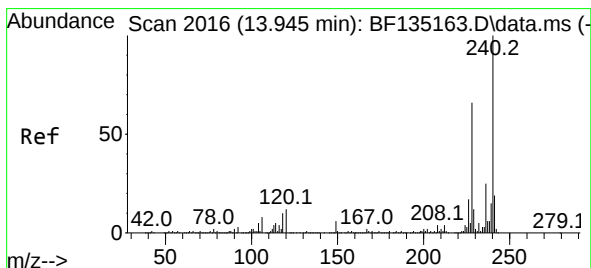
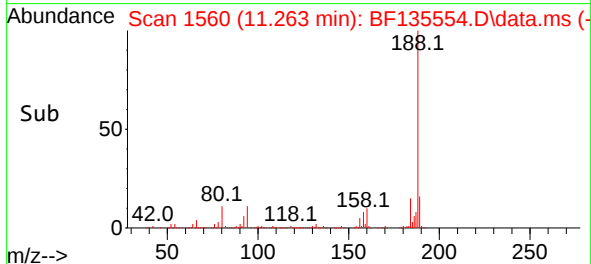
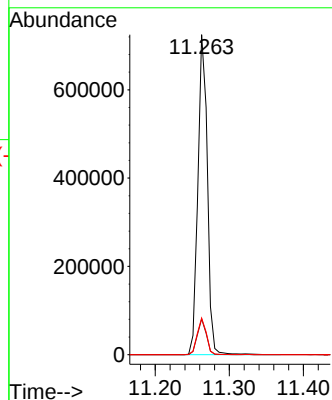
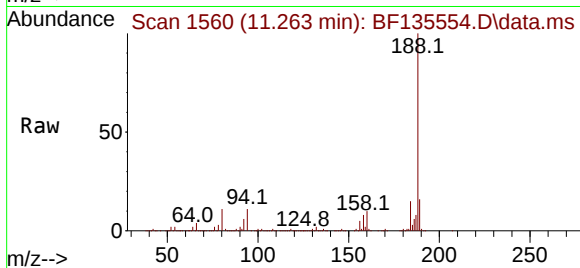




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

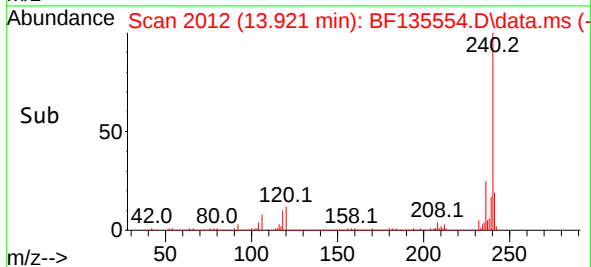
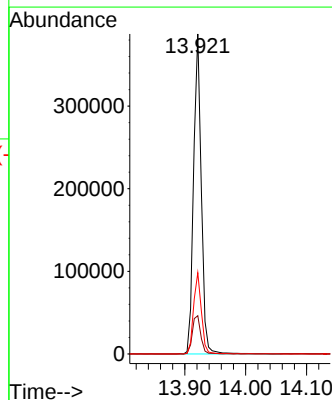
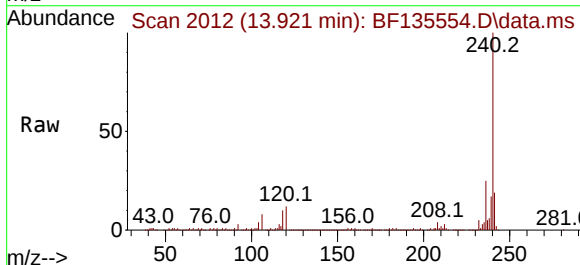
Instrument :
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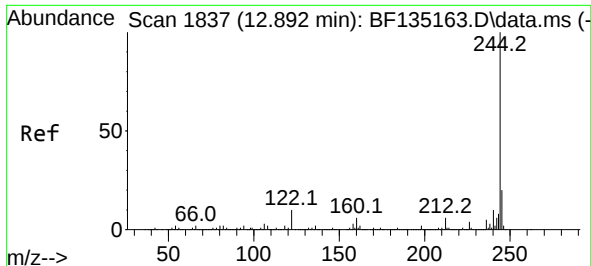
Tgt Ion:188 Resp: 639368
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.4 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:240 Resp: 339636
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.4 19.8 29.8

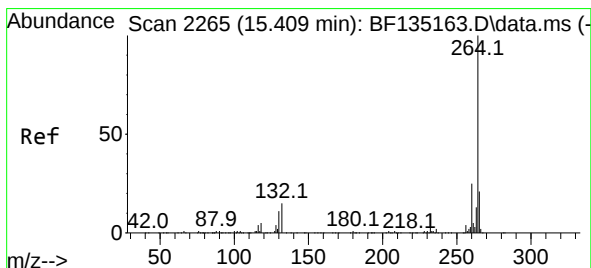
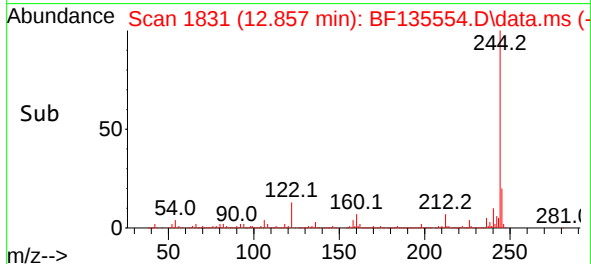
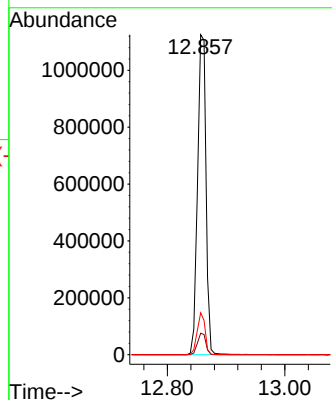
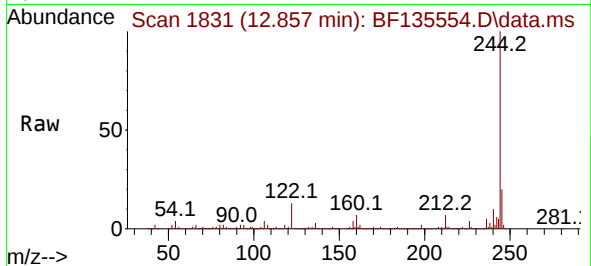




#79
 Terphenyl-d14
 Concen: 51.303 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF135554.D
 Acq: 03 Oct 2023 21:51

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-09

Tgt Ion:244 Resp: 1124017
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BF135554.D
 Acq: 03 Oct 2023 21:51

Tgt Ion:264 Resp: 362734
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.0 17.0 25.4

