

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135547.D
 Acq On : 03 Oct 2023 18:04
 Operator : CG\JU
 Sample : 04627-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-01

Quant Time: Oct 04 07:11:14 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	6.739	152	141597	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	536070	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	267511	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	509860	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	311497	20.000	ng	0.00
86) Perylene-d12	15.386	264	279685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	824159	94.667	ng	0.00
7) Phenol-d6	6.386	99	1015763	91.758	ng	0.00
23) Nitrobenzene-d5	7.304	82	621298	62.967	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	227670	85.641	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1059596	59.760	ng	0.00
79) Terphenyl-d14	12.863	244	1089620	54.226	ng	0.00

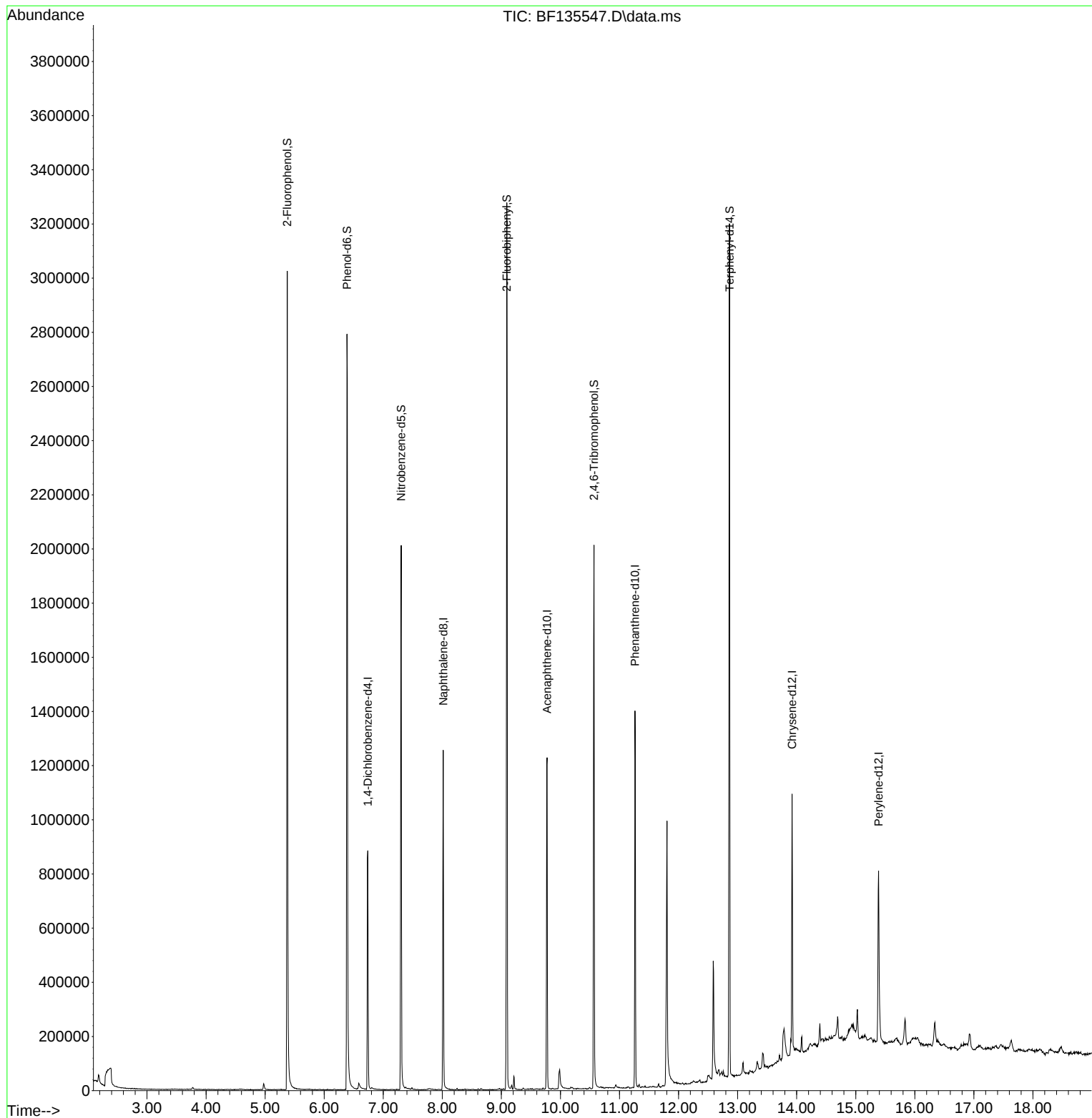
Target Compounds	Qvalue

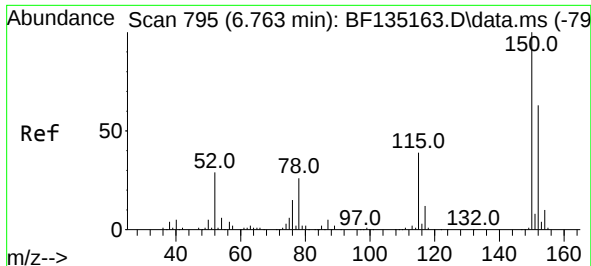
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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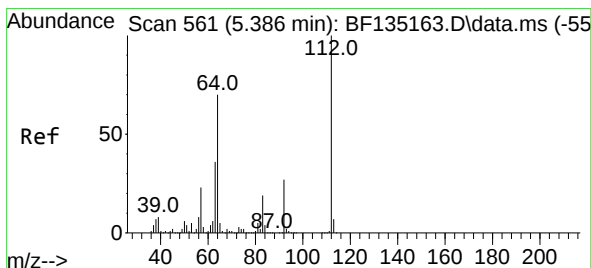
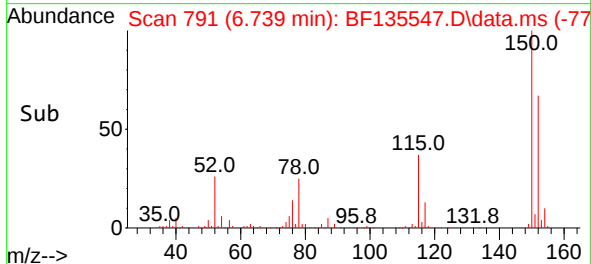
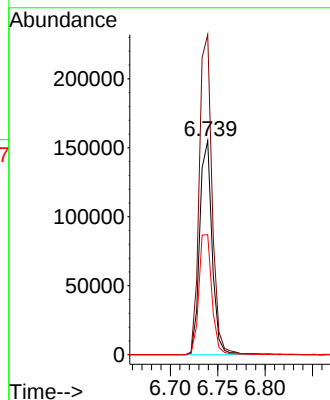
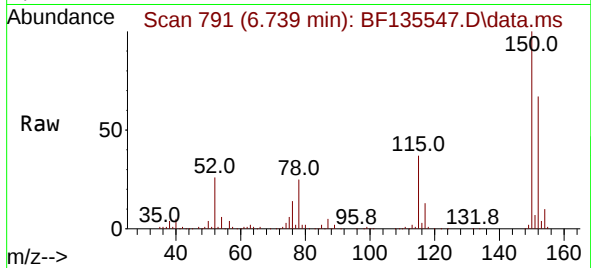




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

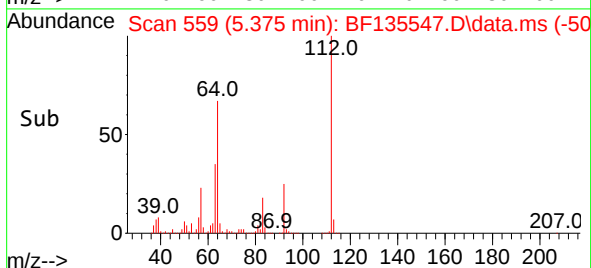
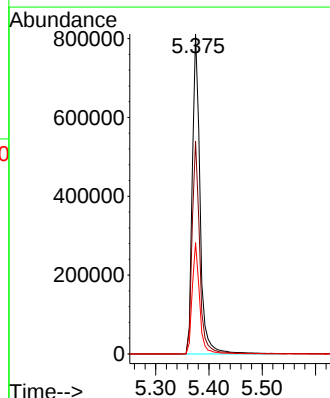
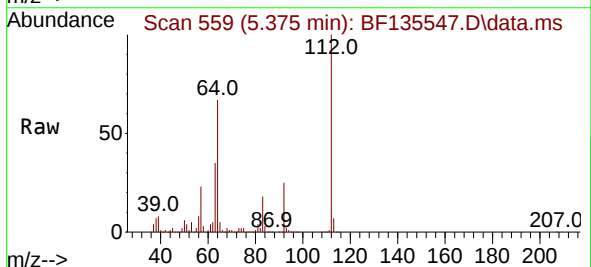
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

Tgt Ion:152 Resp: 141597
Ion Ratio Lower Upper
152 100
150 149.5 127.8 191.6
115 56.0 49.8 74.8



#5
2-Fluorophenol
Concen: 94.667 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:112 Resp: 824159
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.8 29.0 43.6

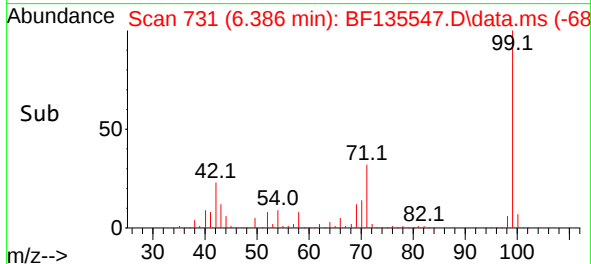
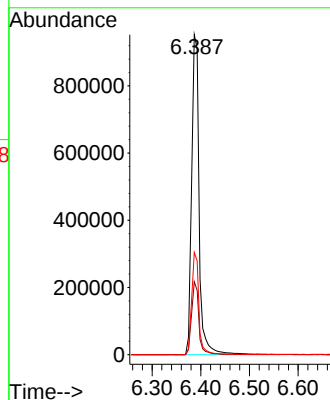
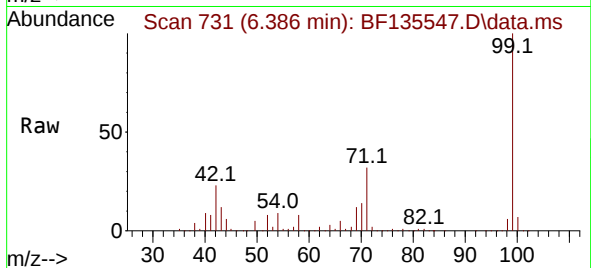




#7
Phenol-d6
Concen: 91.758 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

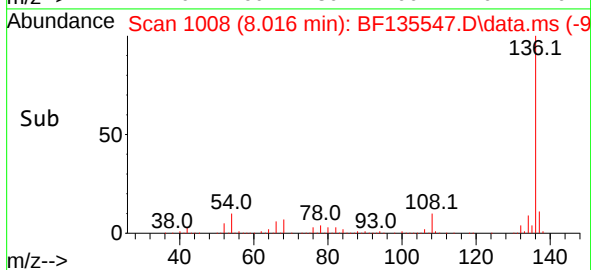
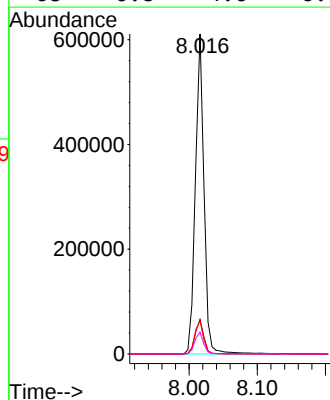
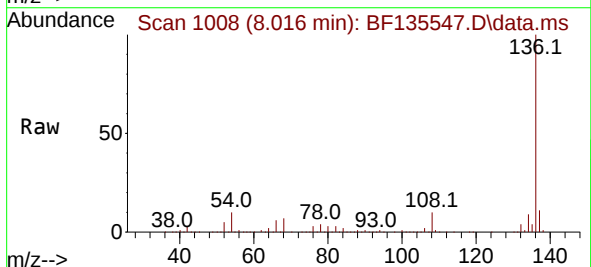
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

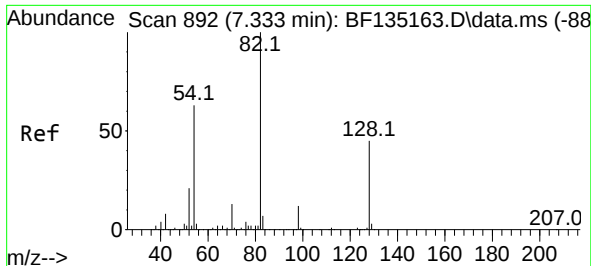
Tgt Ion: 99 Resp: 1015763
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion: 136 Resp: 536070
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 62.967 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135547.D

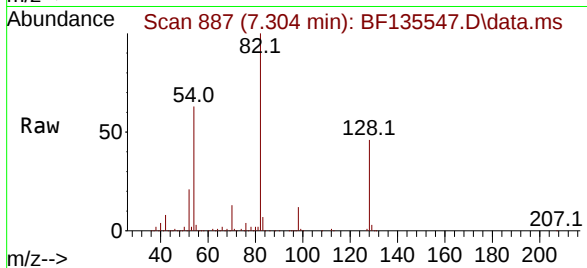
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Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-01



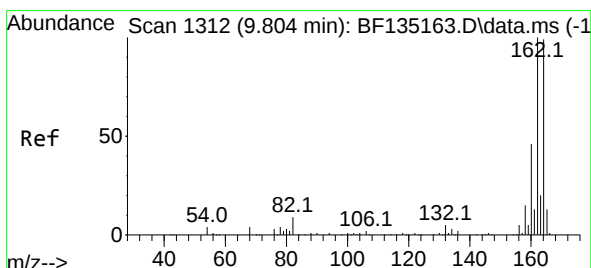
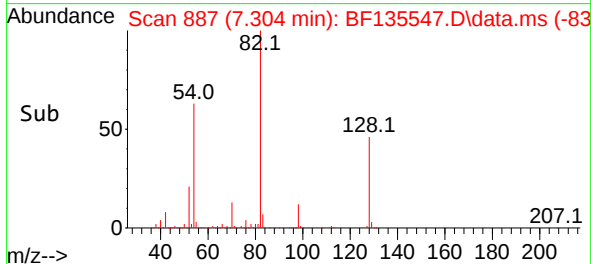
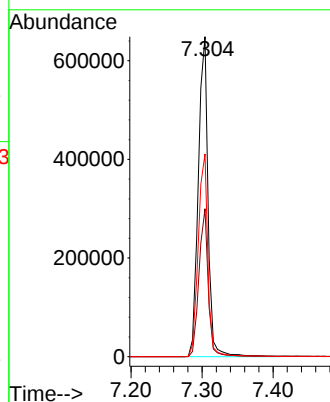
Tgt Ion: 82 Resp: 621298

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.6

54 63.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135547.D

Acq: 03 Oct 2023 18:04

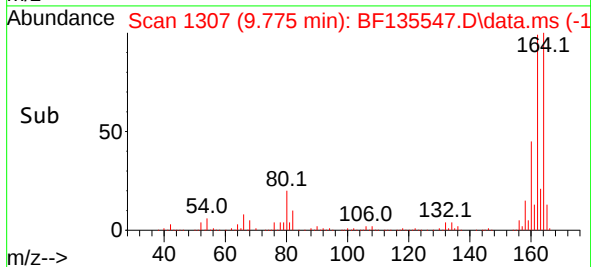
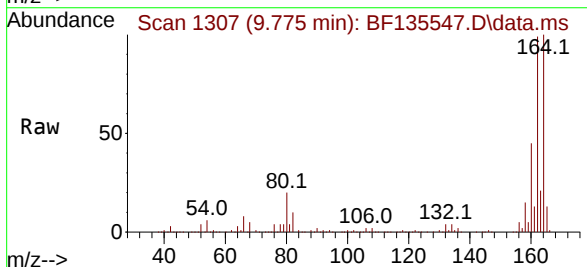
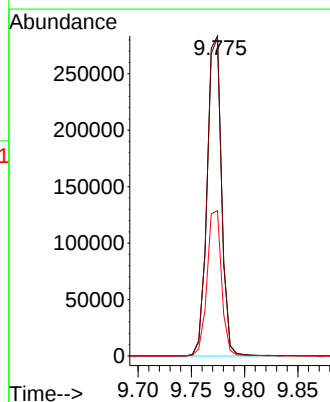
Tgt Ion: 164 Resp: 267511

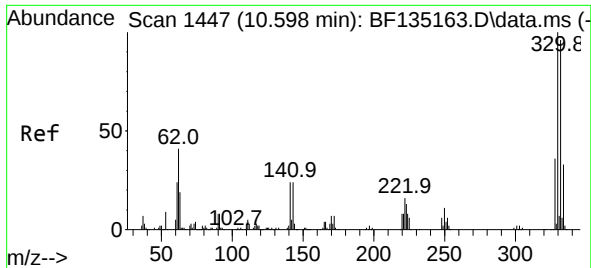
Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 45.4 37.0 55.4

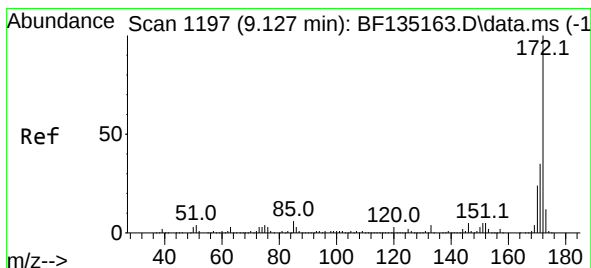
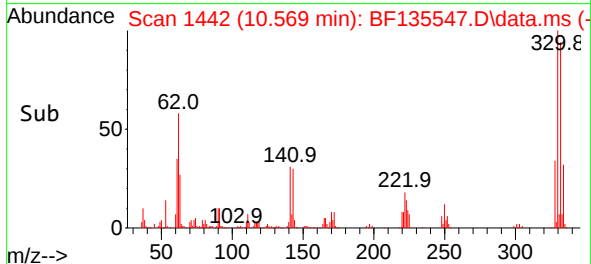
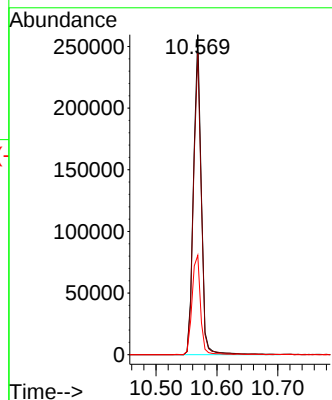
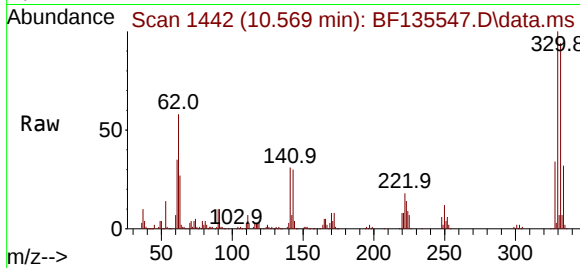




#42
 2,4,6-Tribromophenol
 Concen: 85.641 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.000 min
 Lab File: BF135547.D
 Acq: 03 Oct 2023 18:04

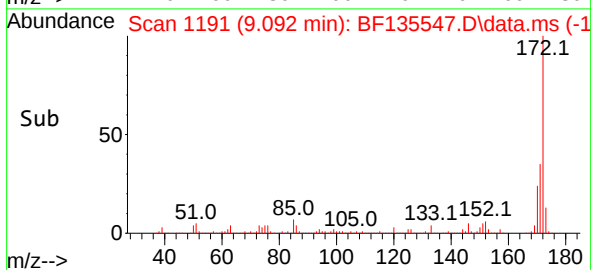
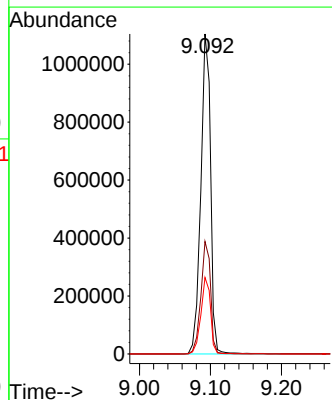
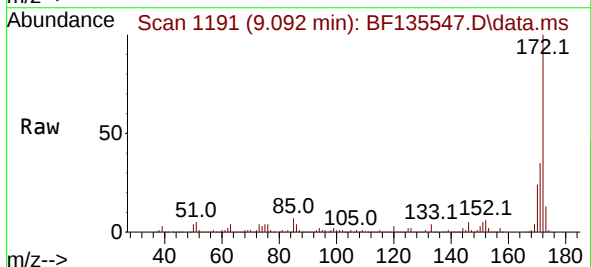
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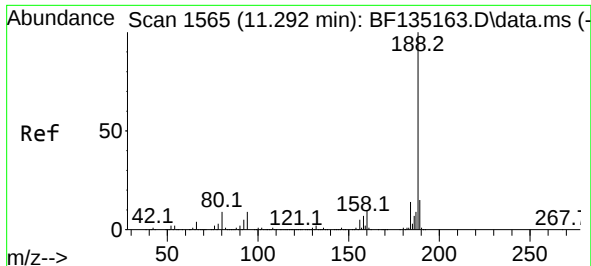
Tgt Ion: 330 Resp: 227670
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.3 115.9
 141 34.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 59.760 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135547.D
 Acq: 03 Oct 2023 18:04

Tgt Ion: 172 Resp: 1059596
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.4 42.6
 170 23.9 19.0 28.4

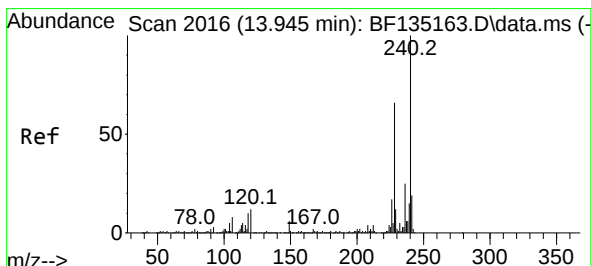
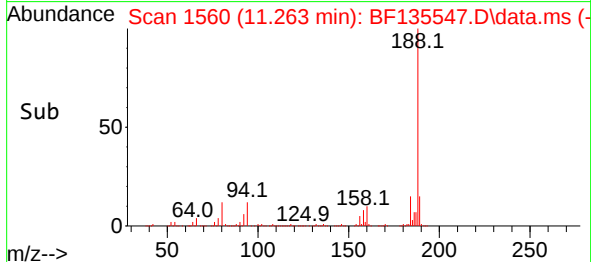
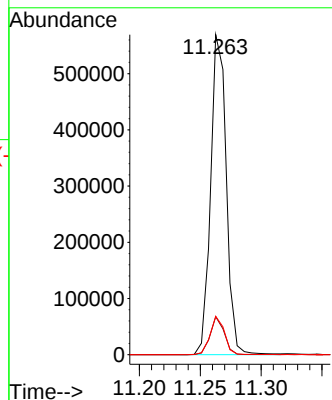
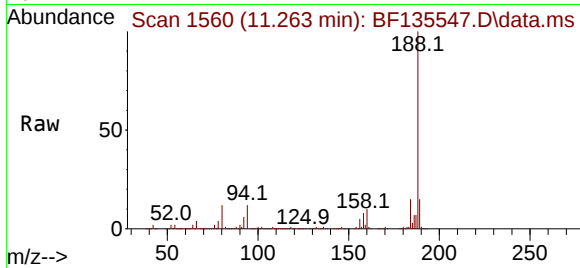




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

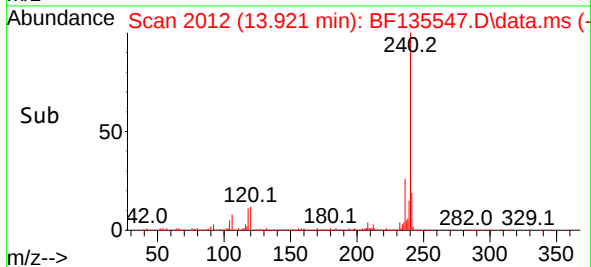
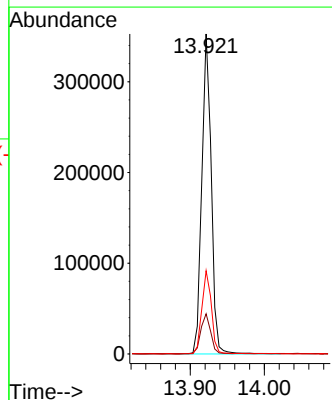
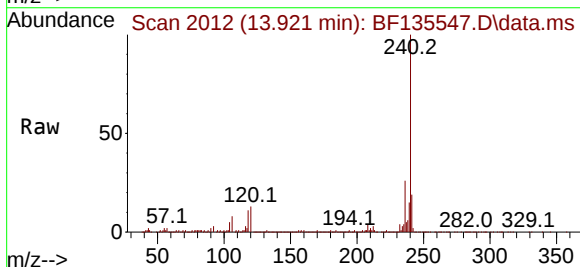
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280-300FB-BACKFILL-01

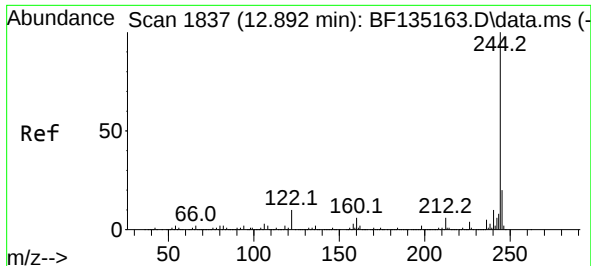
Tgt Ion:188 Resp: 509860
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.0 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:240 Resp: 311497
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 26.0 19.8 29.8

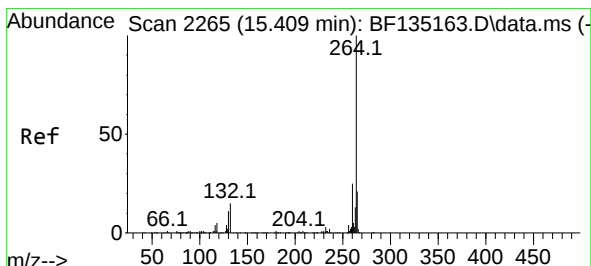
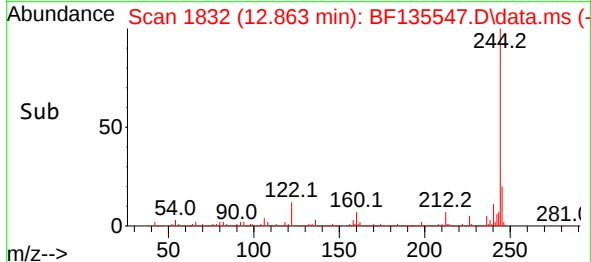
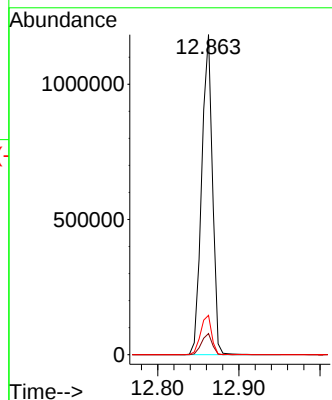
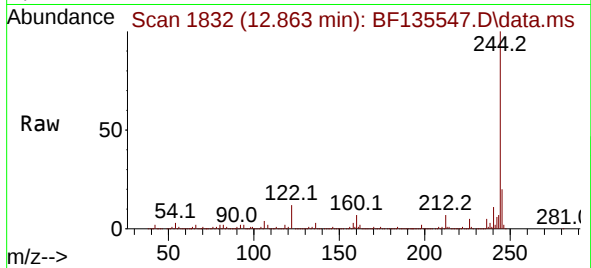




#79
 Terphenyl-d14
 Concen: 54.226 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF135547.D
 Acq: 03 Oct 2023 18:04

Instrument :
 BNA_F
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 280-300FB-BACKFILL-01

Tgt Ion:244 Resp: 1089620
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.3 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: BF135547.D
 Acq: 03 Oct 2023 18:04

Tgt Ion:264 Resp: 279685
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.8 29.6
 265 22.5 17.0 25.4

