

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135548.D
 Acq On : 03 Oct 2023 18:36
 Operator : CG\JU
 Sample : 04627-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-02

Quant Time: Oct 04 07:11:34 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	146226	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	558603	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	276294	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	531726	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	321284	20.000	ng	0.00
86) Perylene-d12	15.380	264	292475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	861496	95.823	ng	0.00
7) Phenol-d6	6.386	99	1070602	93.650	ng	0.00
23) Nitrobenzene-d5	7.304	82	647503	62.976	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	241854	88.085	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1123119	61.329	ng	0.00
79) Terphenyl-d14	12.863	244	1170452	56.474	ng	0.00

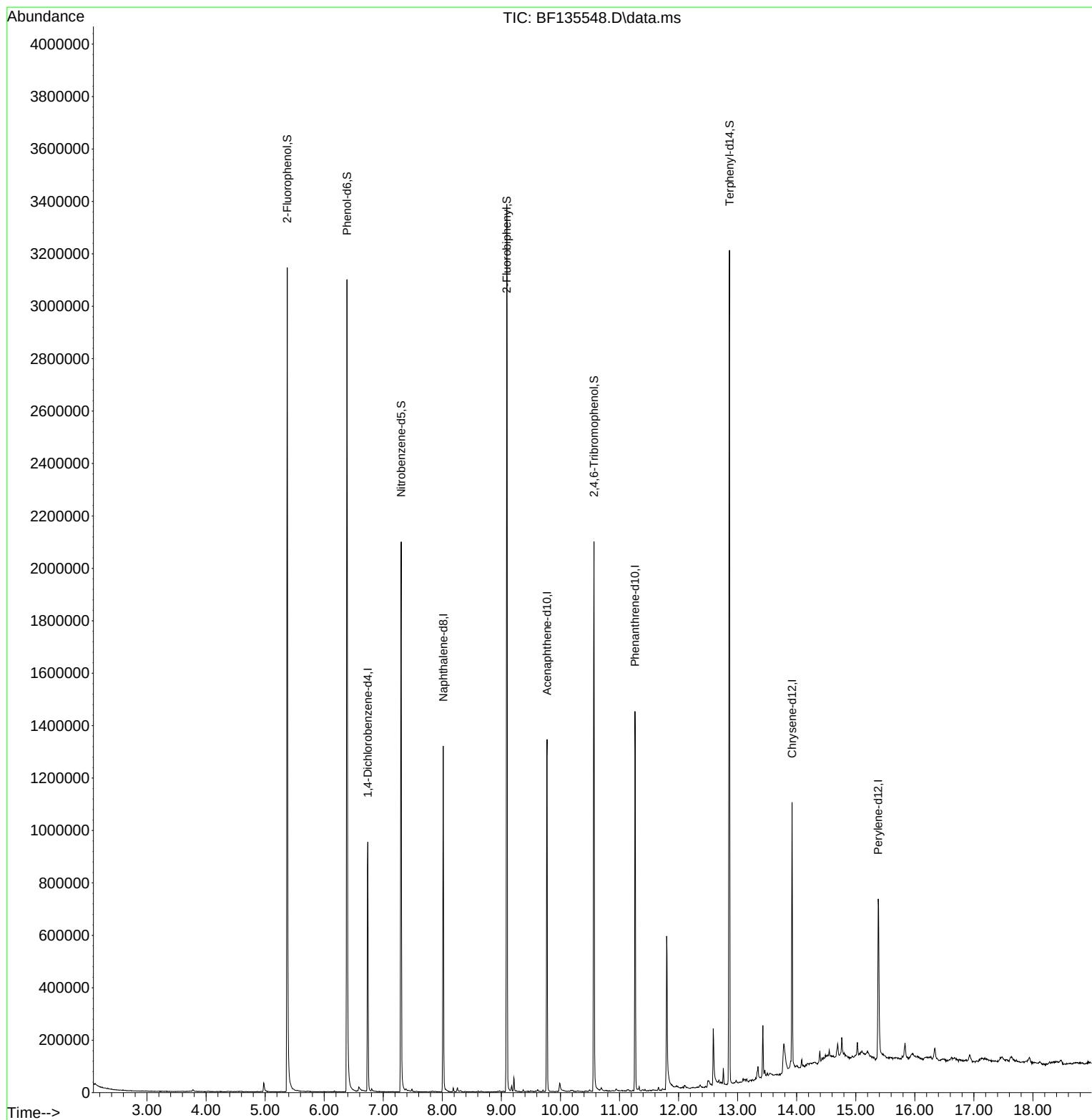
Target Compounds	Qvalue

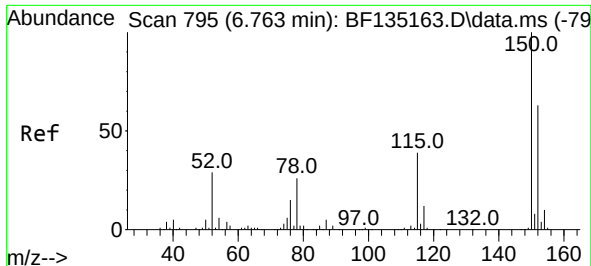
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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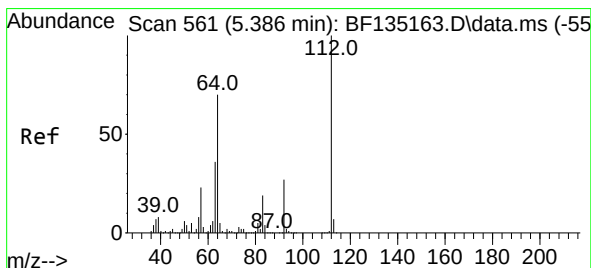
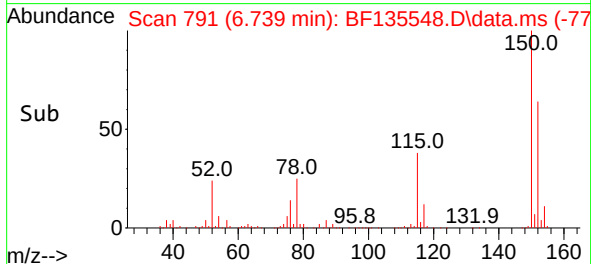
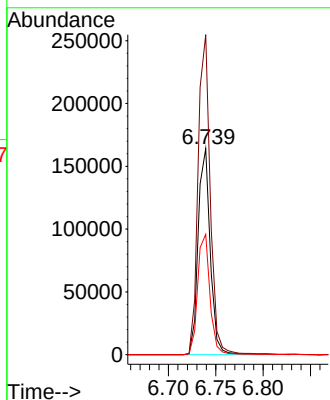
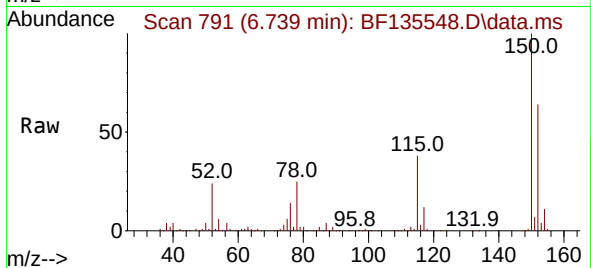




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135548.D
 Acq: 03 Oct 2023 18:36

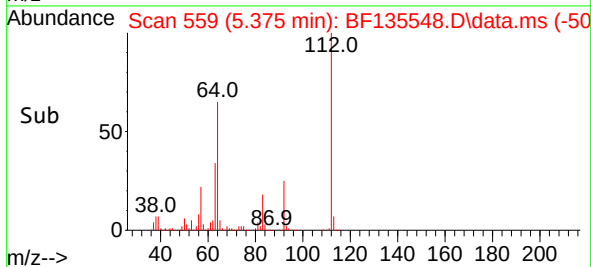
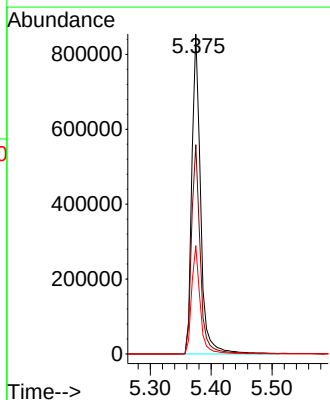
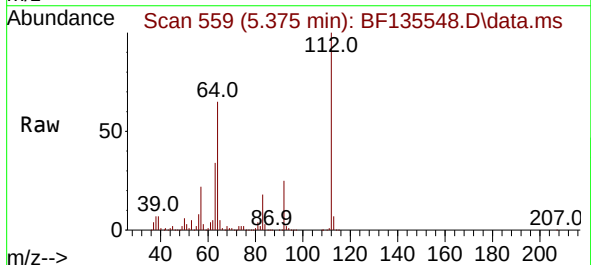
Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-02

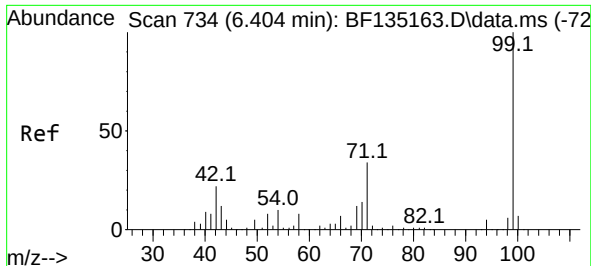
Tgt Ion:152 Resp: 146226
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.8 191.6
 115 58.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 95.823 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135548.D
 Acq: 03 Oct 2023 18:36

Tgt Ion:112 Resp: 861496
 Ion Ratio Lower Upper
 112 100
 64 65.4 55.9 83.9
 63 33.9 29.0 43.6





#7

Phenol-d6

Concen: 93.650 ng

RT: 6.386 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135548.D

Acq: 03 Oct 2023 18:36

Instrument :

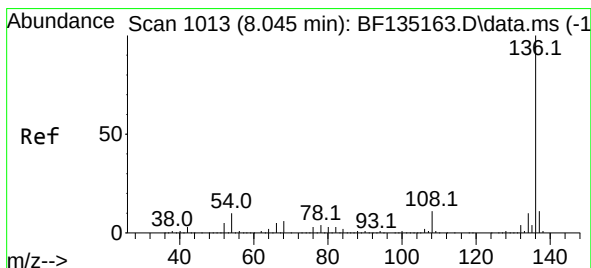
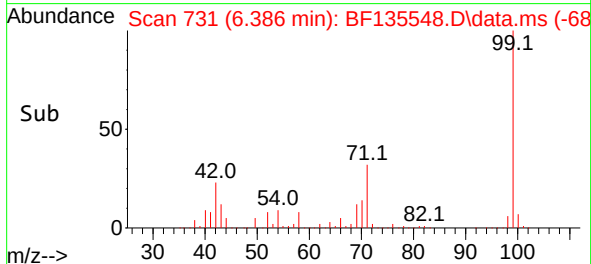
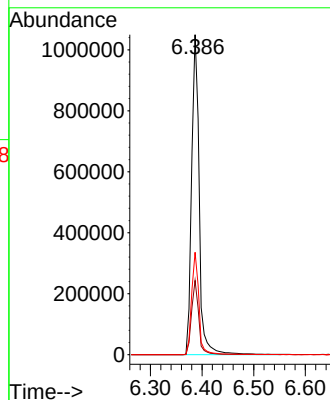
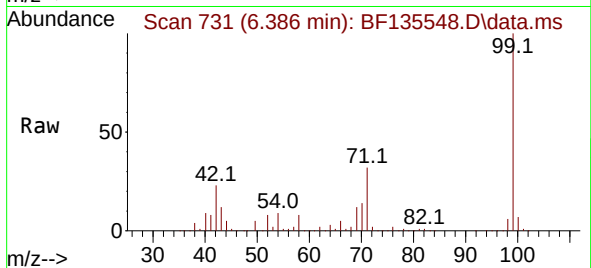
BNA_F

ClientSampleId :

280-300FB-BACKFILL-02

Tgt Ion: 99 Resp: 1070602

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	32.0	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

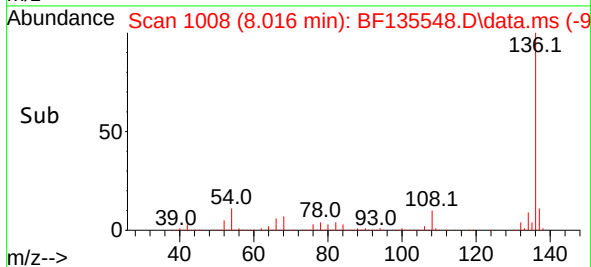
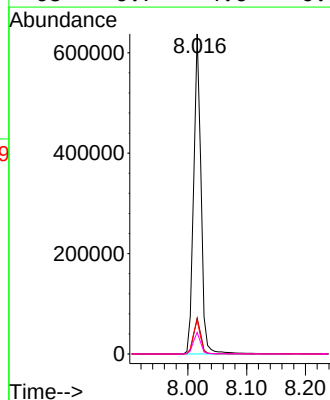
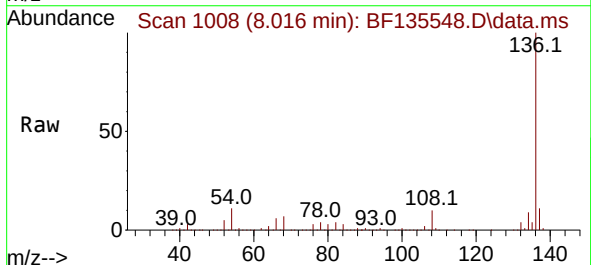
Delta R.T. -0.000 min

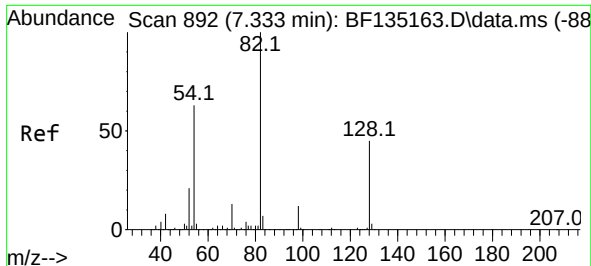
Lab File: BF135548.D

Acq: 03 Oct 2023 18:36

Tgt Ion: 136 Resp: 558603

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.6	7.7	11.5
68	6.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 62.976 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135548.D

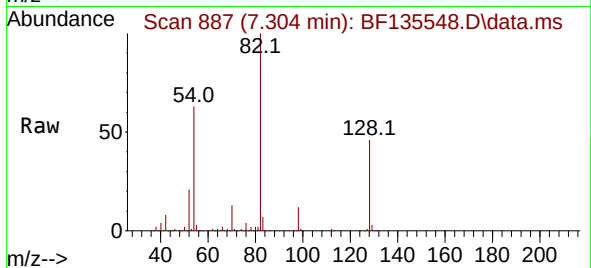
Acq: 03 Oct 2023 18:36

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-02



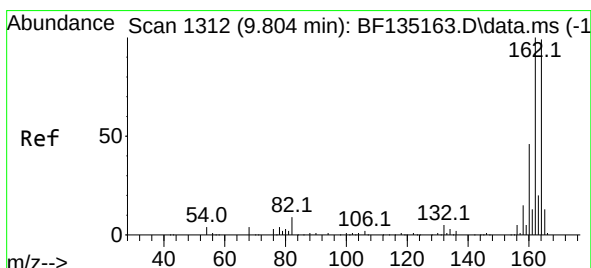
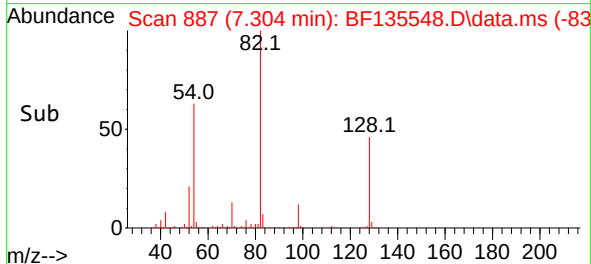
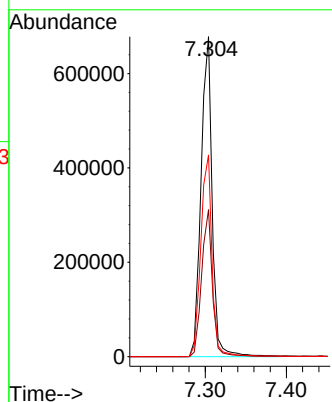
Tgt Ion: 82 Resp: 647503

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 63.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135548.D

Acq: 03 Oct 2023 18:36

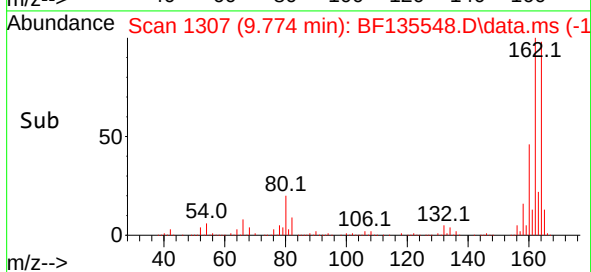
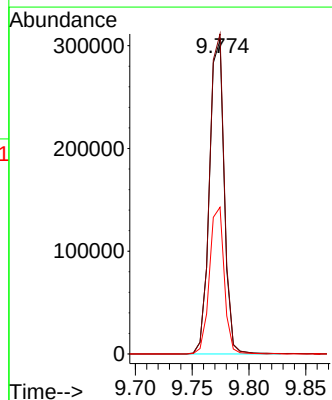
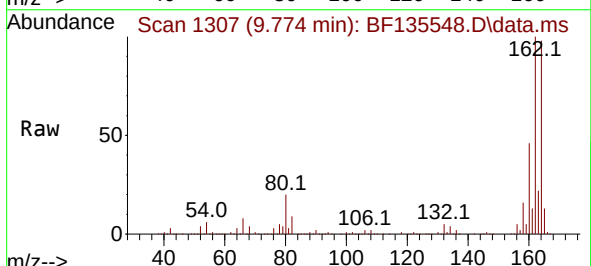
Tgt Ion:164 Resp: 276294

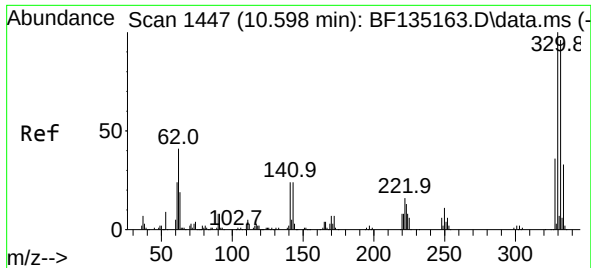
Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 46.7 37.0 55.4

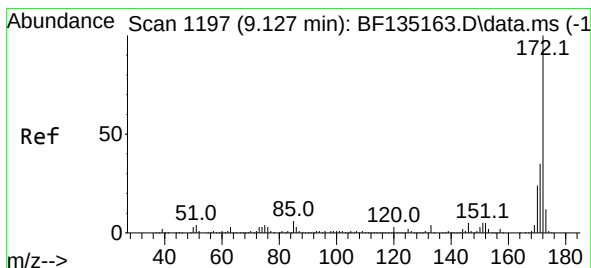
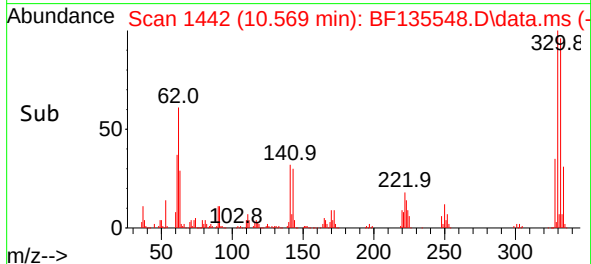
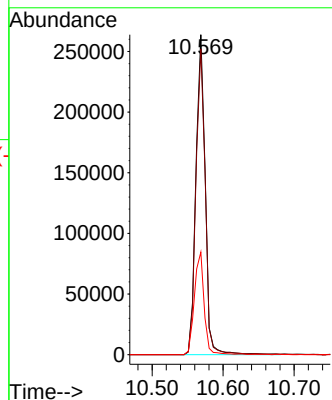
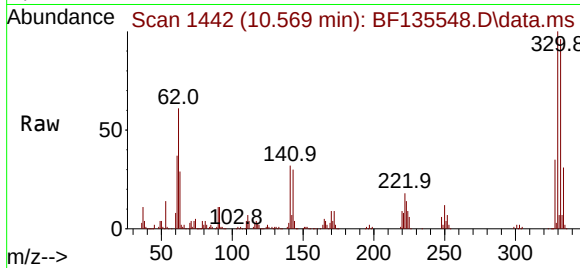




#42
2,4,6-Tribromophenol
Concen: 88.085 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

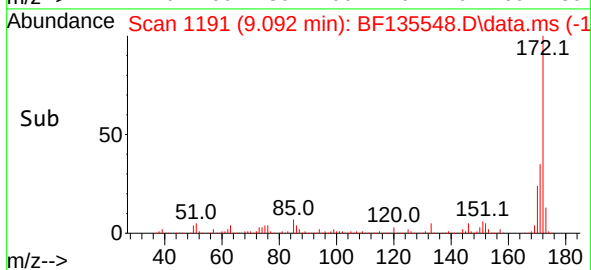
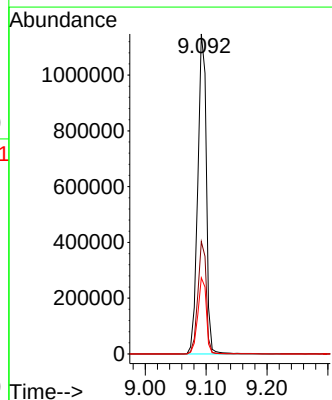
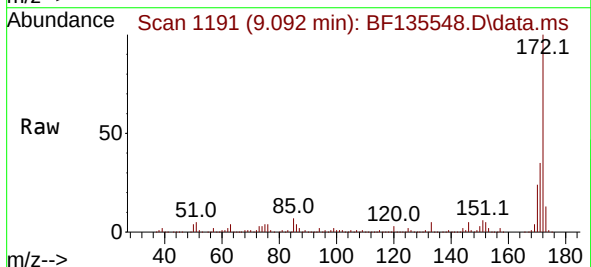
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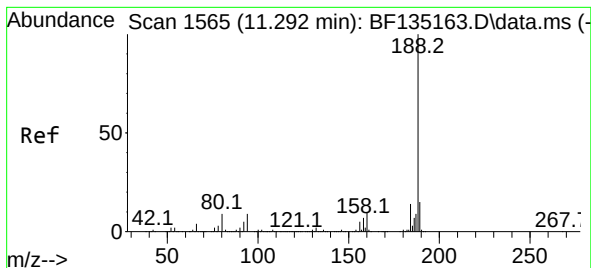
Tgt Ion:330 Resp: 241854
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 61.329 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:172 Resp: 1123119
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.8 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: BF135548.D

Acq: 03 Oct 2023 18:36

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-02

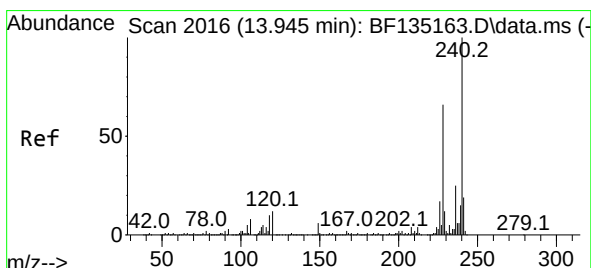
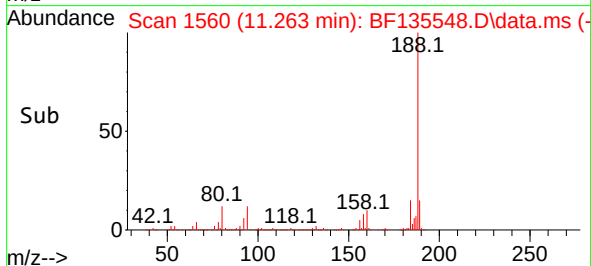
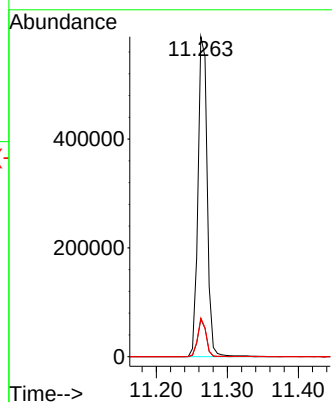
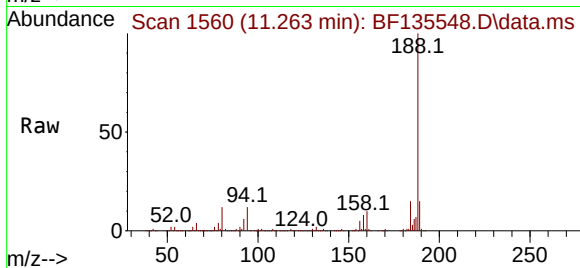
Tgt Ion:188 Resp: 531726

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.6#

80 12.1 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: BF135548.D

Acq: 03 Oct 2023 18:36

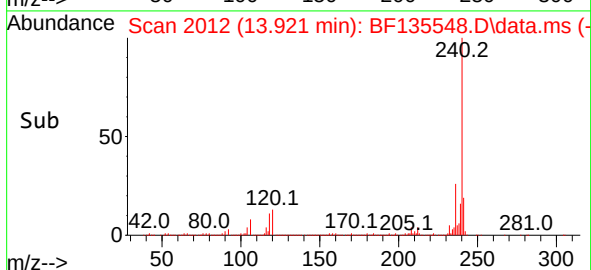
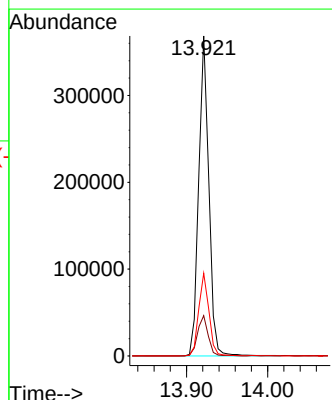
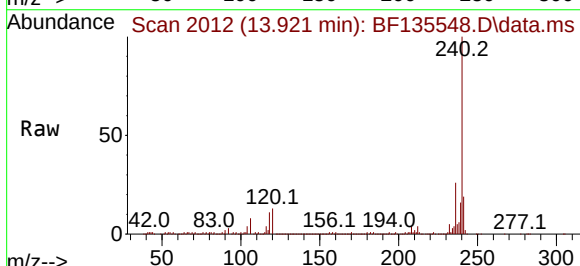
Tgt Ion:240 Resp: 321284

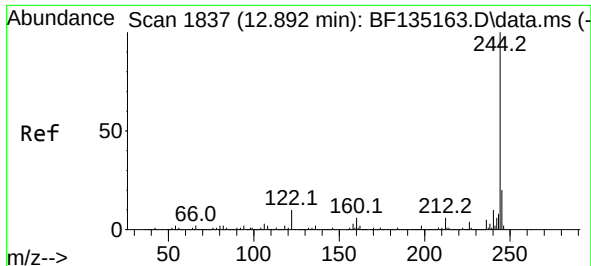
Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

236 25.9 19.8 29.8

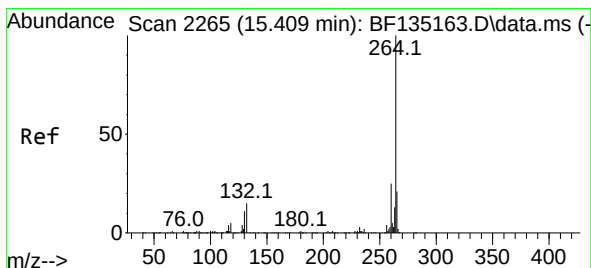
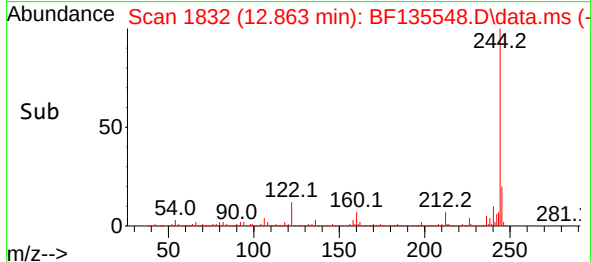
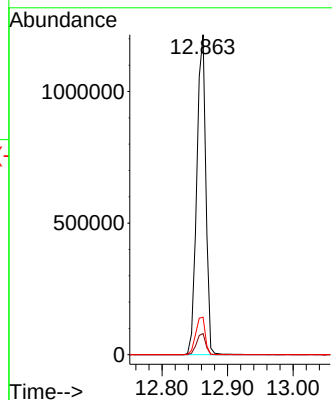
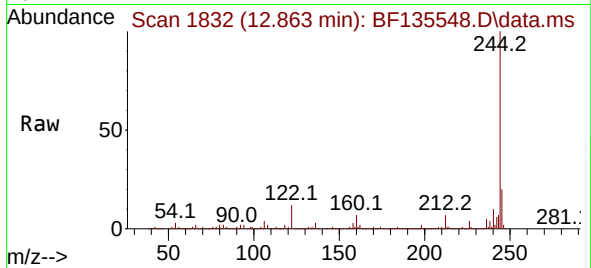




#79
 Terphenyl-d14
 Concen: 56.474 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF135548.D
 Acq: 03 Oct 2023 18:36

Instrument :
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 280-300FB-BACKFILL-02

Tgt Ion:244 Resp: 1170452
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF135548.D
 Acq: 03 Oct 2023 18:36

Tgt Ion:264 Resp: 292475
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.1 17.0 25.4

