

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135556.D
 Acq On : 03 Oct 2023 22:54
 Operator : CG\JU
 Sample : 04627-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-11

Quant Time: Oct 04 07:14:11 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	146484	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	563132	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	281020	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	532744	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	283885	20.000	ng	0.00
86) Perylene-d12	15.386	264	304860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	825937	91.706	ng	0.00
7) Phenol-d6	6.387	99	1034925	90.370	ng	0.00
23) Nitrobenzene-d5	7.304	82	638437	61.595	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	231241	82.803	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1114847	59.853	ng	0.00
79) Terphenyl-d14	12.863	244	1079639	58.955	ng	0.00

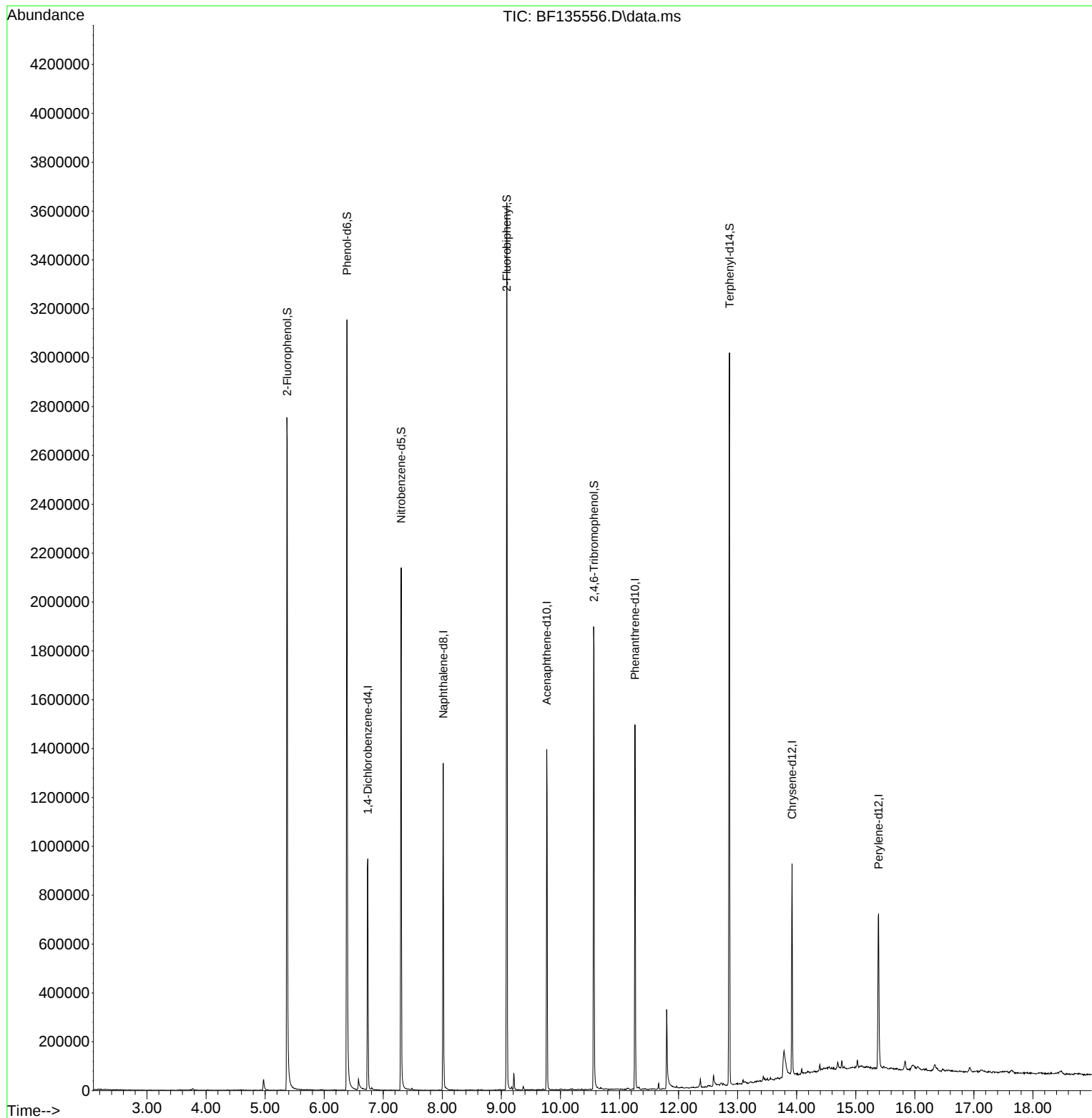
Target Compounds	Qvalue

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

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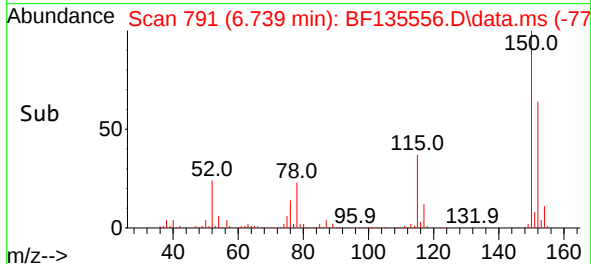
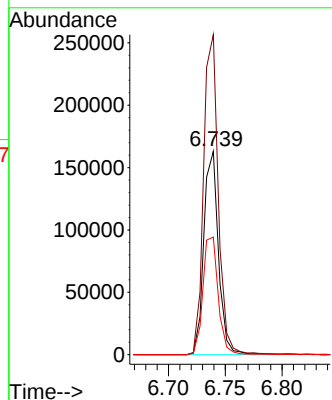
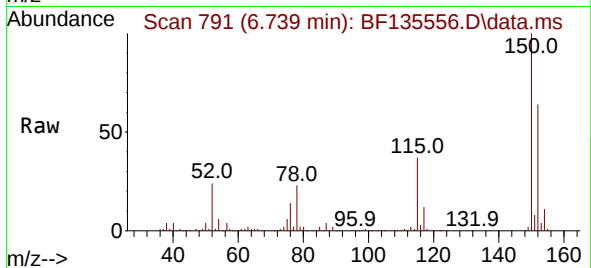




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135556.D
 Acq: 03 Oct 2023 22:54

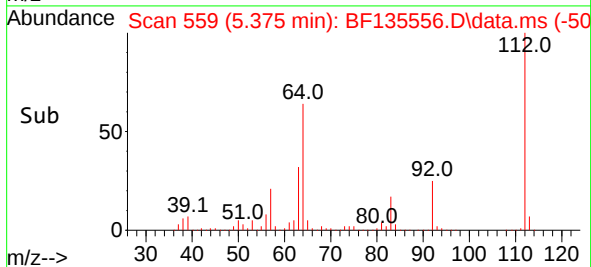
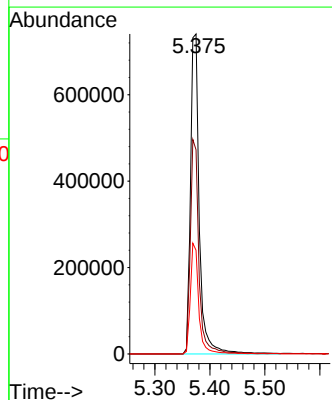
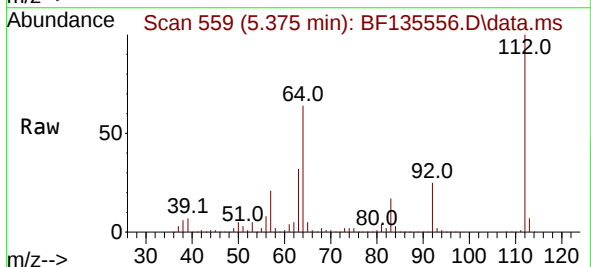
Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-11

Tgt Ion:152 Resp: 146484
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.8 191.6
 115 57.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 91.706 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135556.D
 Acq: 03 Oct 2023 22:54

Tgt Ion:112 Resp: 825937
 Ion Ratio Lower Upper
 112 100
 64 63.8 55.9 83.9
 63 32.4 29.0 43.6

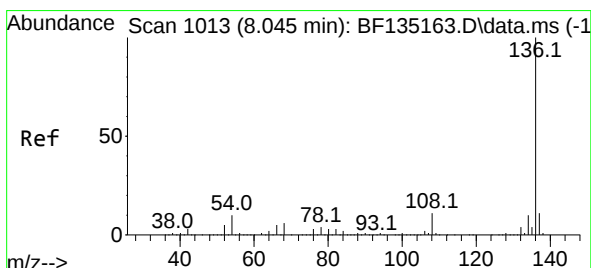
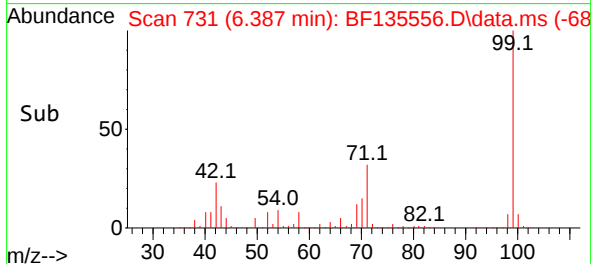
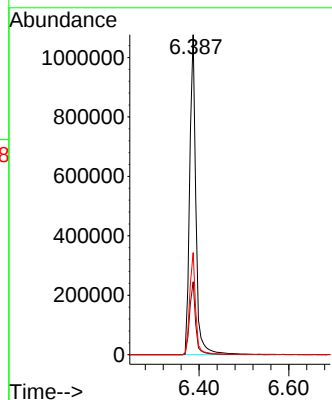
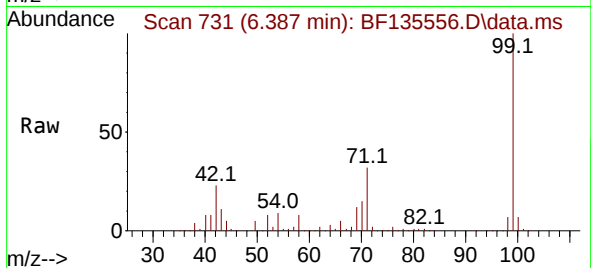




#7
Phenol-d6
Concen: 90.370 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

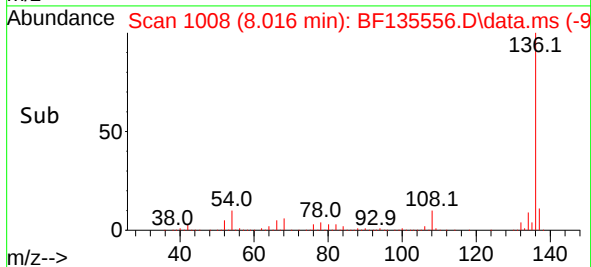
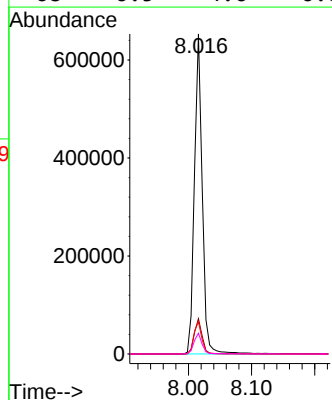
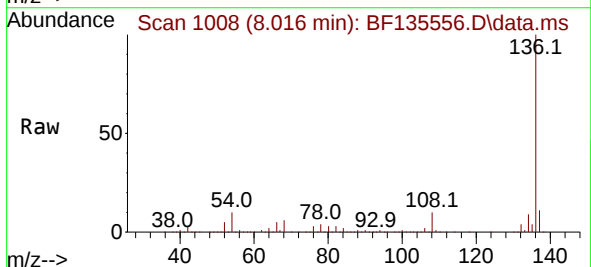
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

Tgt Ion: 99 Resp: 1034925
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: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion: 136 Resp: 563132
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 61.595 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135556.D

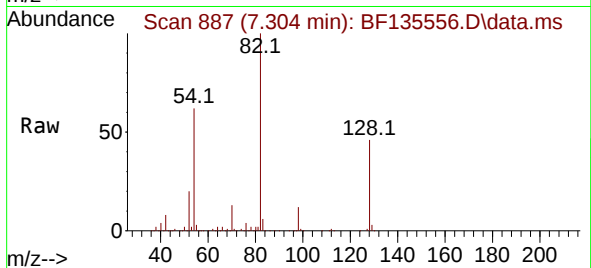
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Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-11



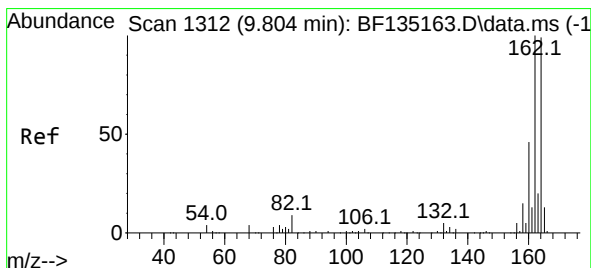
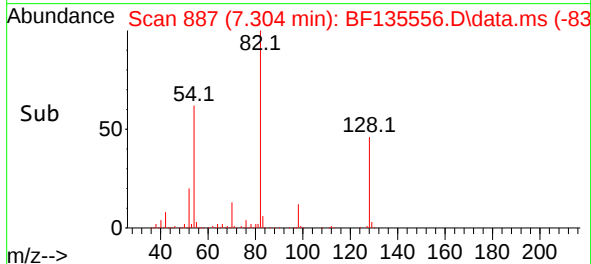
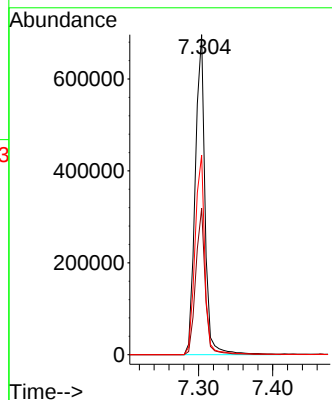
Tgt Ion: 82 Resp: 638437

Ion Ratio Lower Upper

82 100

128 45.8 35.8 53.6

54 62.3 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: BF135556.D

Acq: 03 Oct 2023 22:54

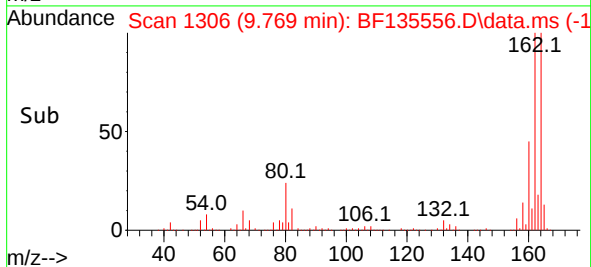
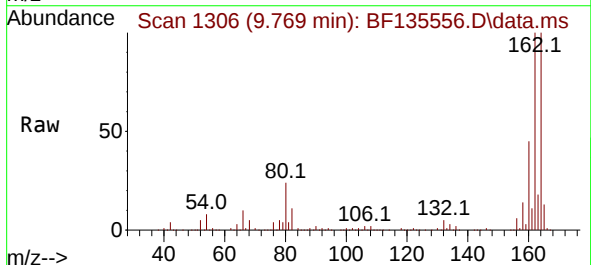
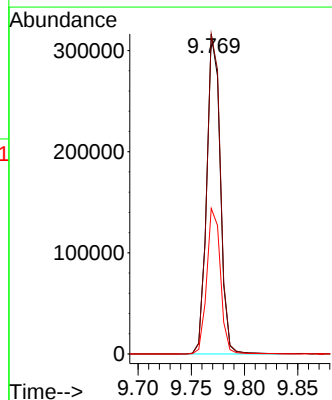
Tgt Ion: 164 Resp: 281020

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 45.6 37.0 55.4

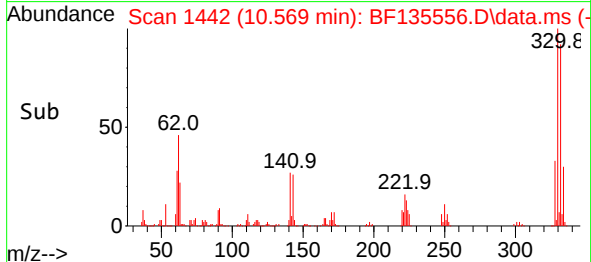
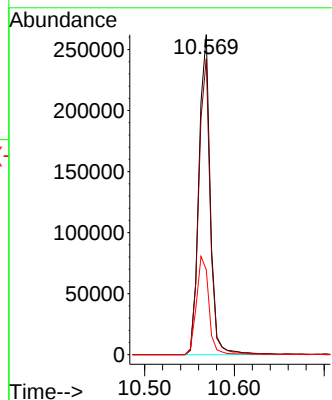
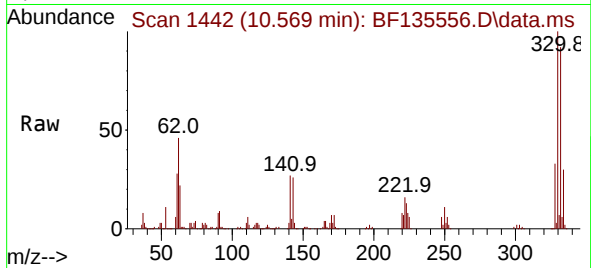




#42
2,4,6-Tribromophenol
Concen: 82.803 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

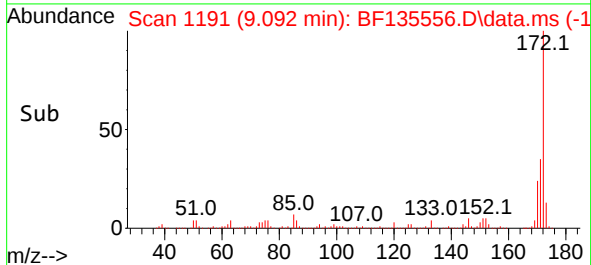
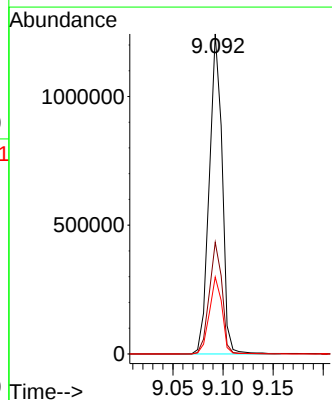
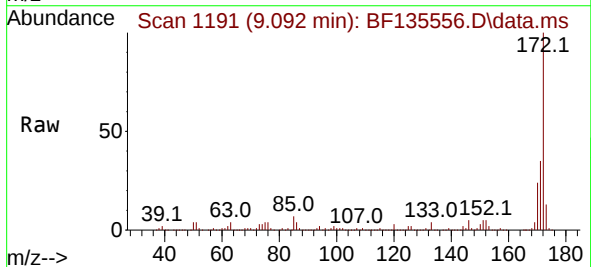
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

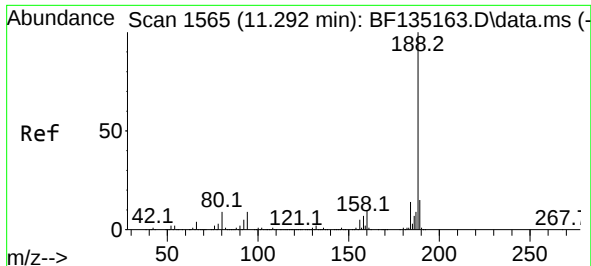
Tgt Ion:330 Resp: 231241
Ion Ratio Lower Upper
330 100
332 93.6 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.853 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:172 Resp: 1114847
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 24.0 19.0 28.4

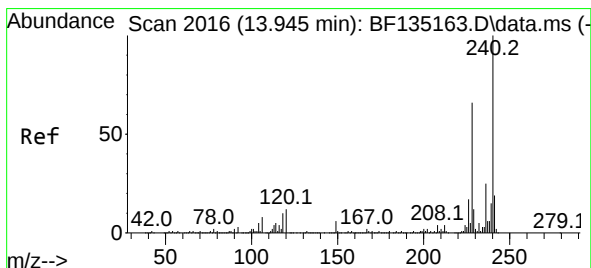
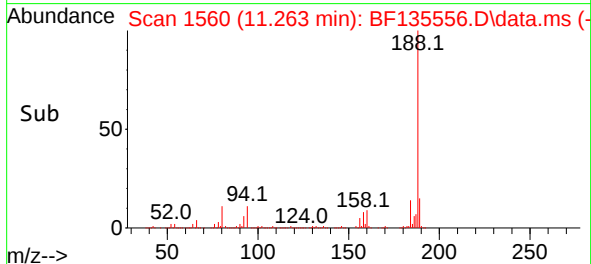
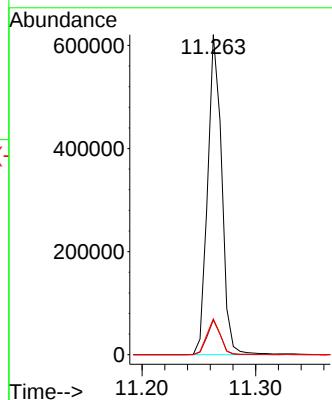
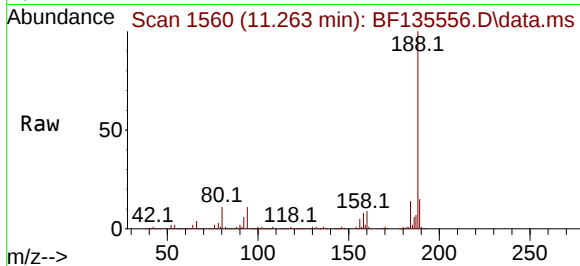




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

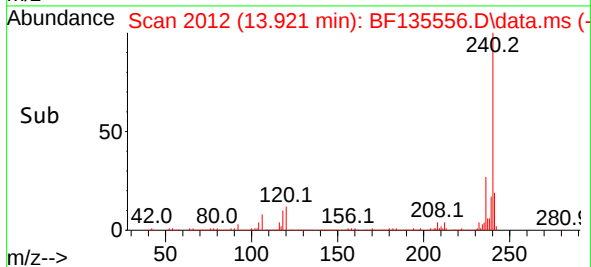
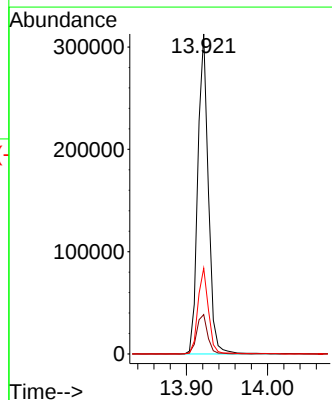
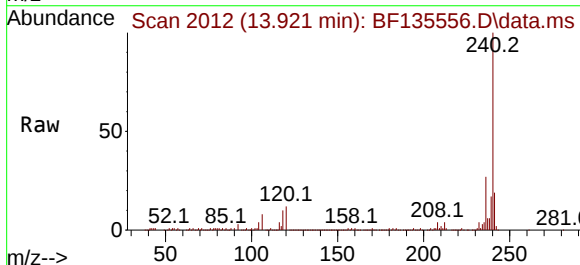
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

Tgt Ion:188 Resp: 532744
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.2 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: BF135556.D
Acq: 03 Oct 2023 22:54

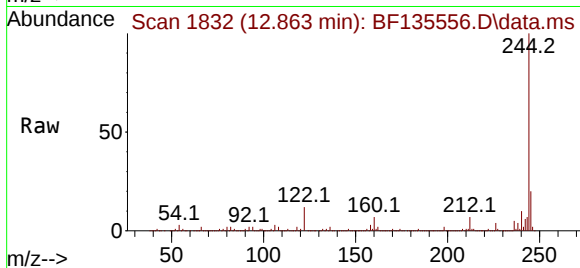
Tgt Ion:240 Resp: 283885
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.8 19.8 29.8





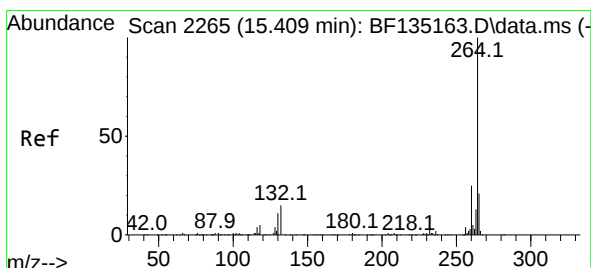
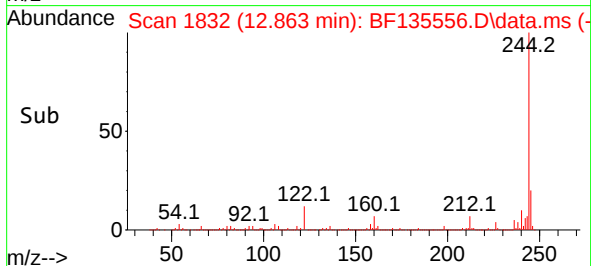
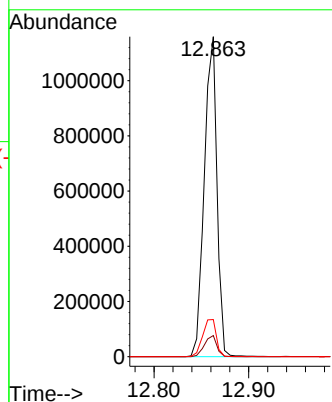
#79
 Terphenyl-d14
 Concen: 58.955 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135556.D
 Acq: 03 Oct 2023 22:54

Instrument :
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 280-300FB-BACKFILL-11



Tgt Ion:244 Resp: 1079639

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	11.6	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: BF135556.D
 Acq: 03 Oct 2023 22:54

Tgt Ion:264 Resp: 304860

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.0	17.0	25.4

