

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135553.D
 Acq On : 03 Oct 2023 21:18
 Operator : CG\JU
 Sample : 04627-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-08

Quant Time: Oct 04 07:13:12 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	6.740	152	141651	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	563038	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	279754	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	528580	20.000	ng	0.00
76) Chrysene-d12	13.921	240	280311	20.000	ng	0.00
86) Perylene-d12	15.386	264	290415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	903537	103.745	ng	0.00
7) Phenol-d6	6.387	99	1109162	100.156	ng	0.00
23) Nitrobenzene-d5	7.304	82	685915	66.186	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	249741	89.832	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1195205	64.458	ng	0.00
79) Terphenyl-d14	12.863	244	1185010	65.534	ng	0.00

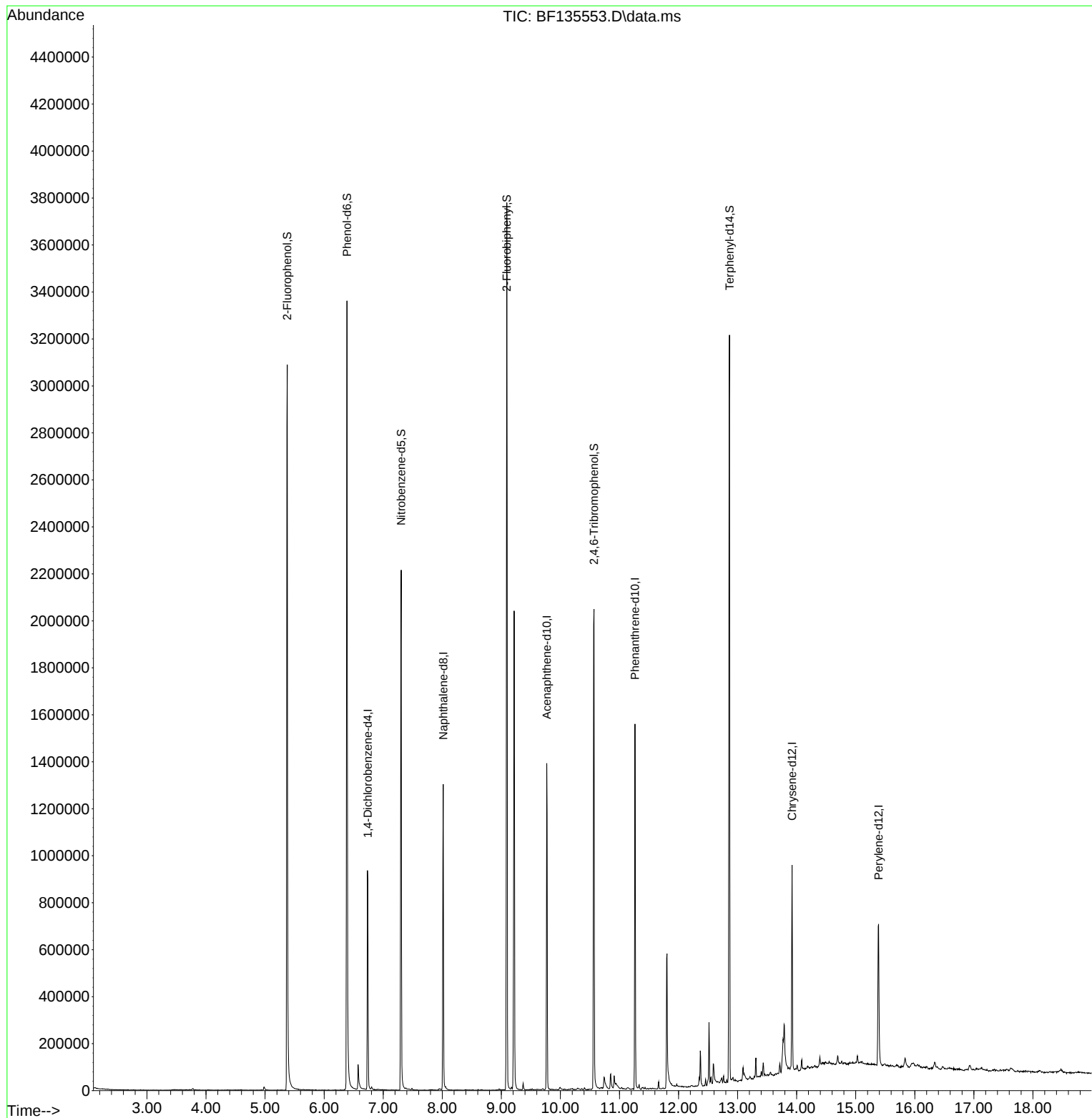
Target Compounds	Qvalue

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

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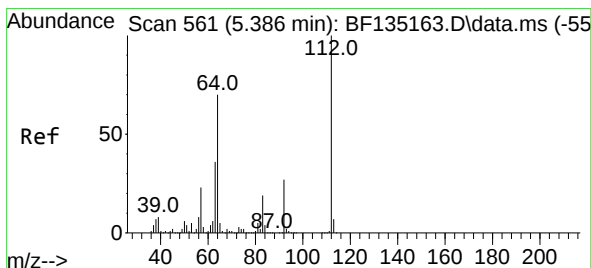
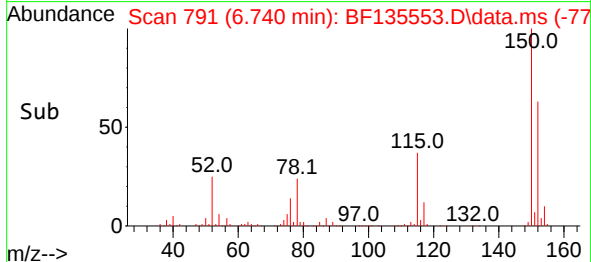
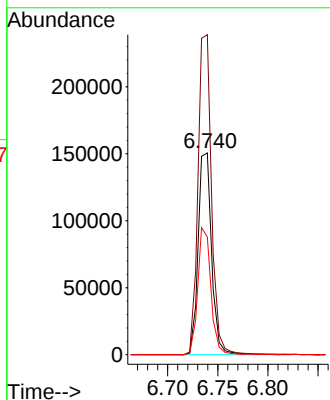
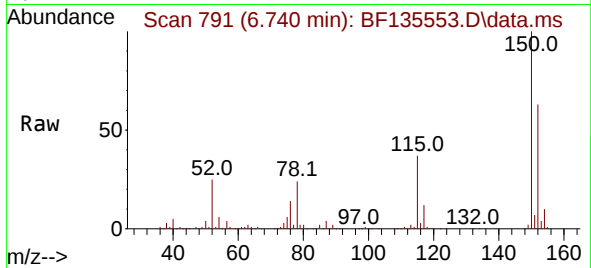




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

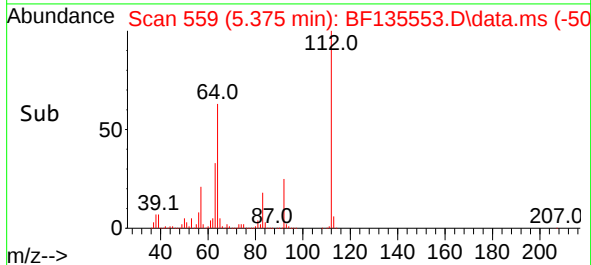
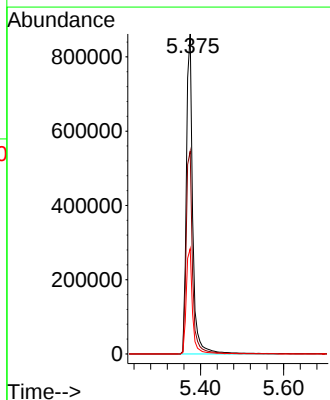
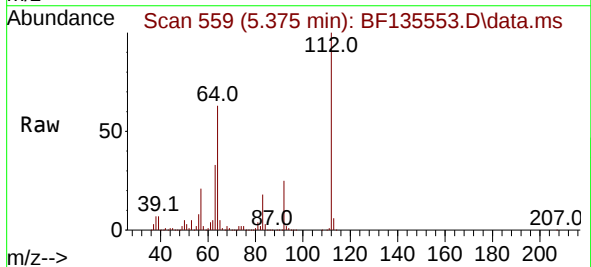
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-08

Tgt Ion:152 Resp: 141651
Ion Ratio Lower Upper
152 100
150 158.6 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 103.745 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:112 Resp: 903537
Ion Ratio Lower Upper
112 100
64 63.4 55.9 83.9
63 32.9 29.0 43.6

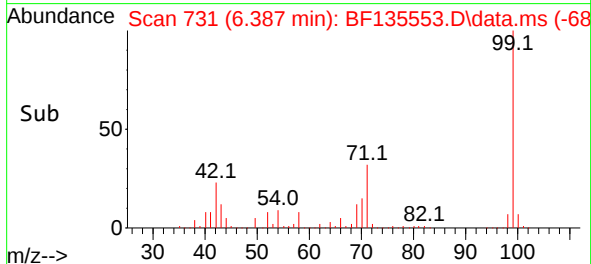
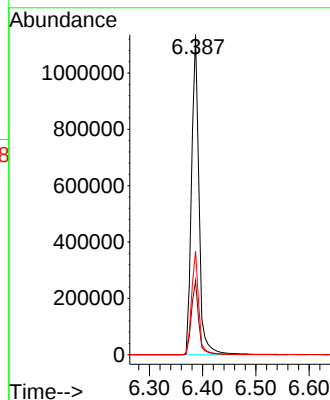
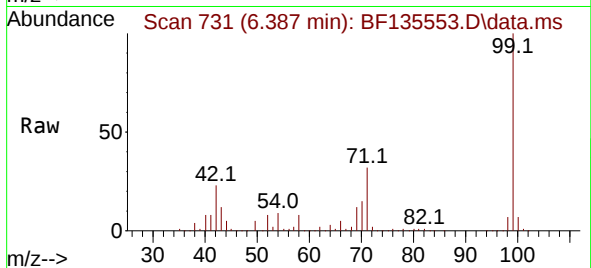




#7
Phenol-d6
Concen: 100.156 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

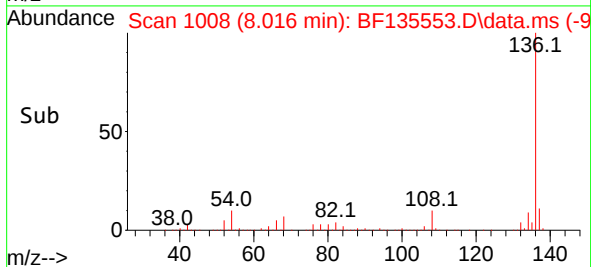
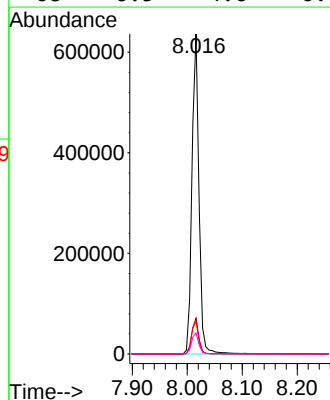
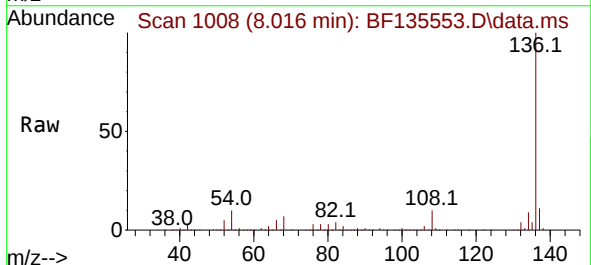
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-08

Tgt Ion: 99 Resp: 1109162
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.4 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: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion: 136 Resp: 563038
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.186 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135553.D

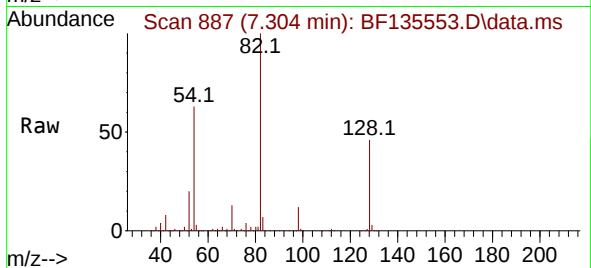
Acq: 03 Oct 2023 21:18

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-08



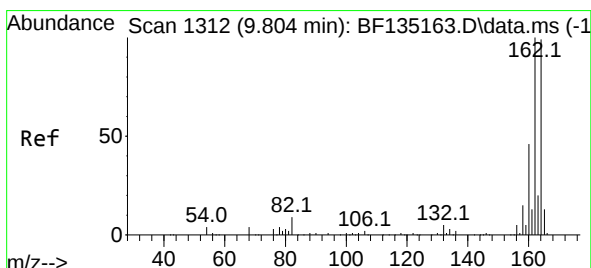
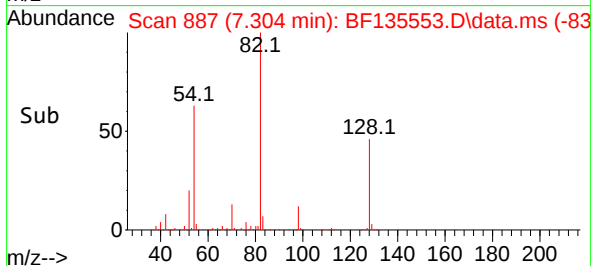
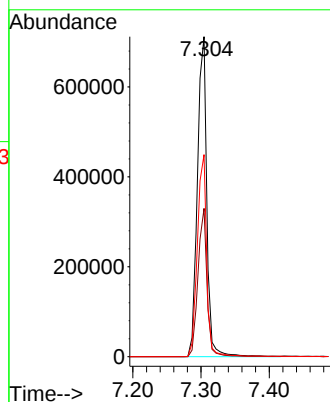
Tgt Ion: 82 Resp: 685915

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.6

54 63.2 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: BF135553.D

Acq: 03 Oct 2023 21:18

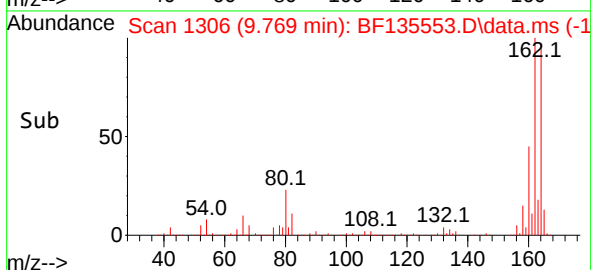
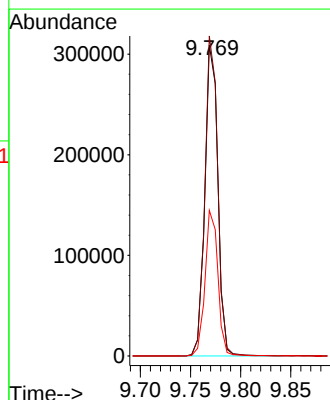
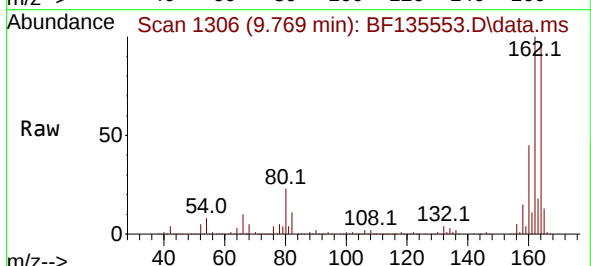
Tgt Ion:164 Resp: 279754

Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.4

160 46.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 89.832 ng

RT: 10.569 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF135553.D

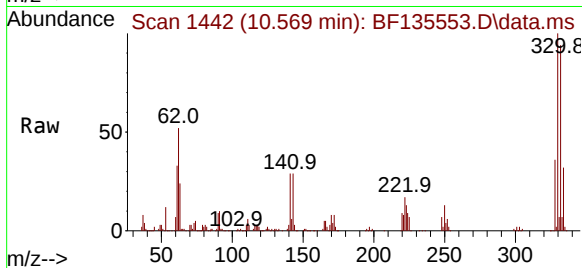
Acq: 03 Oct 2023 21:18

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-08



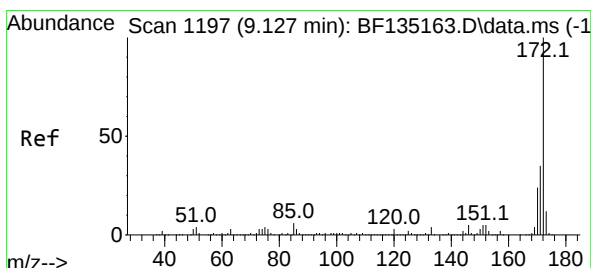
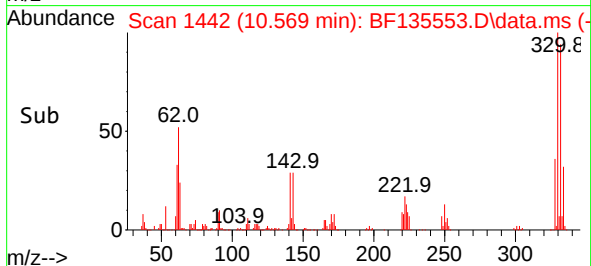
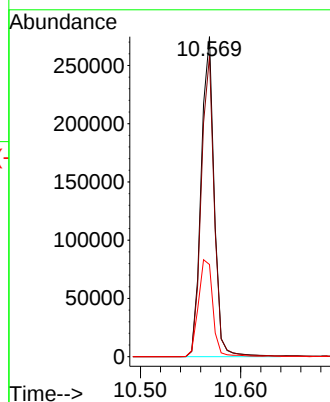
Tgt Ion:330 Resp: 249741

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 64.458 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135553.D

Acq: 03 Oct 2023 21:18

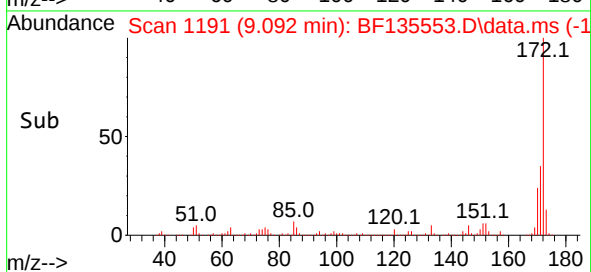
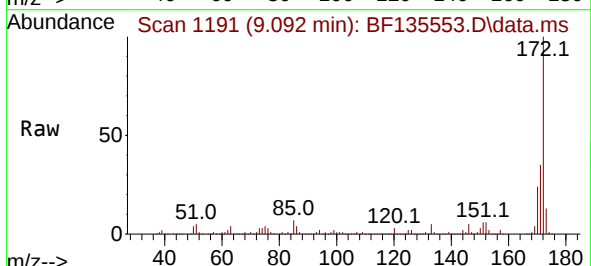
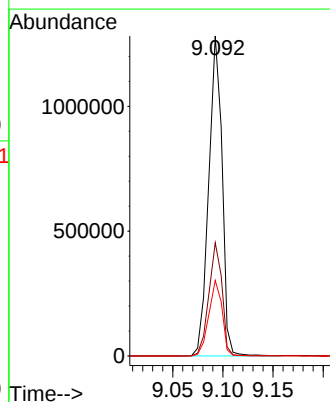
Tgt Ion:172 Resp: 1195205

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 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: BF135553.D

Acq: 03 Oct 2023 21:18

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-08

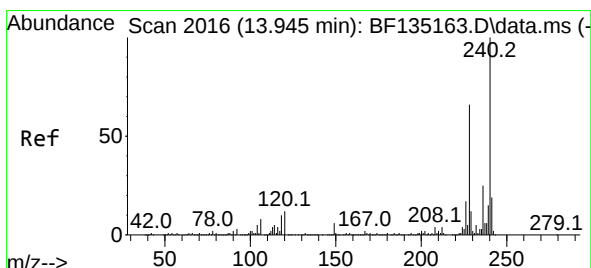
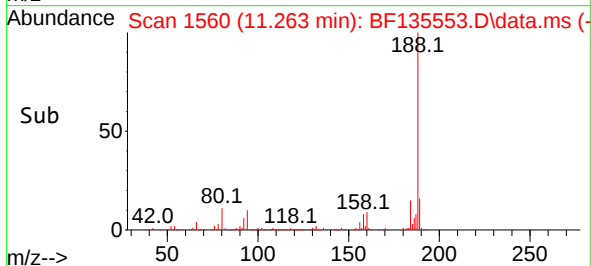
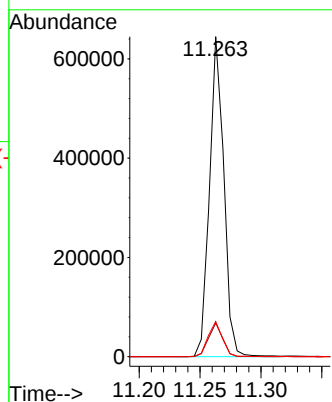
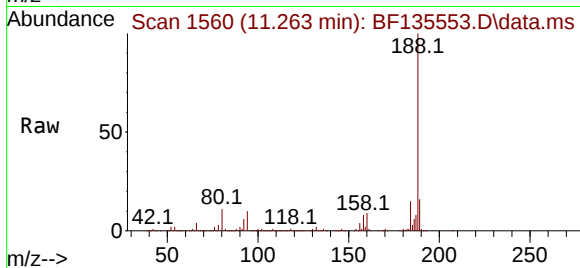
Tgt Ion:188 Resp: 528580

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.0 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: BF135553.D

Acq: 03 Oct 2023 21:18

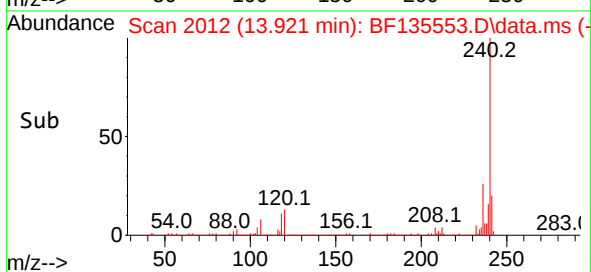
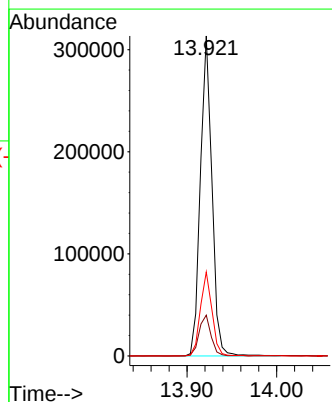
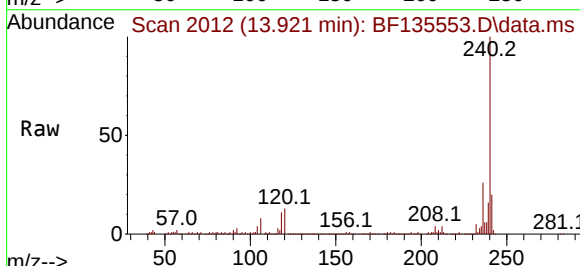
Tgt Ion:240 Resp: 280311

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

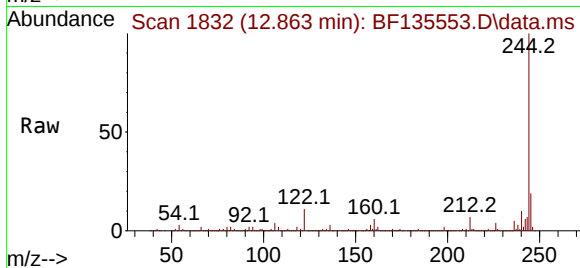
236 26.3 19.8 29.8





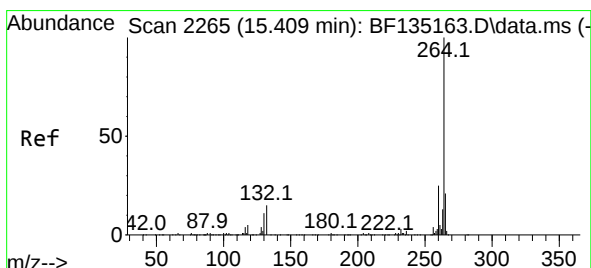
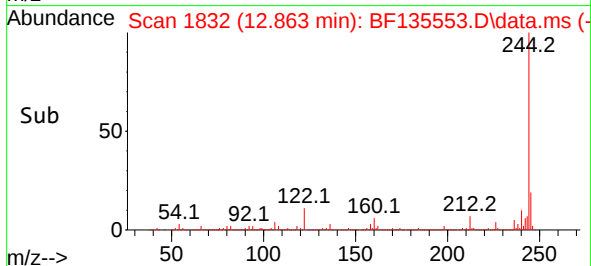
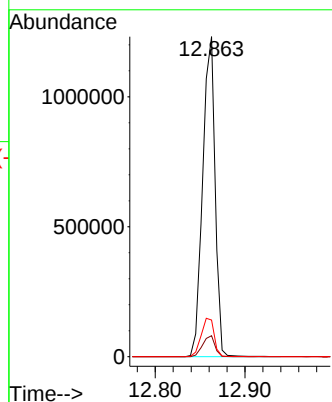
#79
 Terphenyl-d14
 Concen: 65.534 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135553.D
 Acq: 03 Oct 2023 21:18

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-08



Tgt Ion:244 Resp: 1185010

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	11.5	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: BF135553.D
 Acq: 03 Oct 2023 21:18

Tgt Ion:264 Resp: 290415

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.5	17.0	25.4

