

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135549.D
 Acq On : 03 Oct 2023 19:09
 Operator : CG\JU
 Sample : 04627-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-04

Quant Time: Oct 04 07:11:53 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	155554	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	605734	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	301908	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	571186	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	326853	20.000	ng	0.00
86) Perylene-d12	15.386	264	308611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	879876	91.998	ng	0.00
7) Phenol-d6	6.387	99	1080069	88.812	ng	0.00
23) Nitrobenzene-d5	7.304	82	666049	59.739	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	235936	78.639	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1118598	55.900	ng	0.00
79) Terphenyl-d14	12.863	244	1133641	53.766	ng	0.00

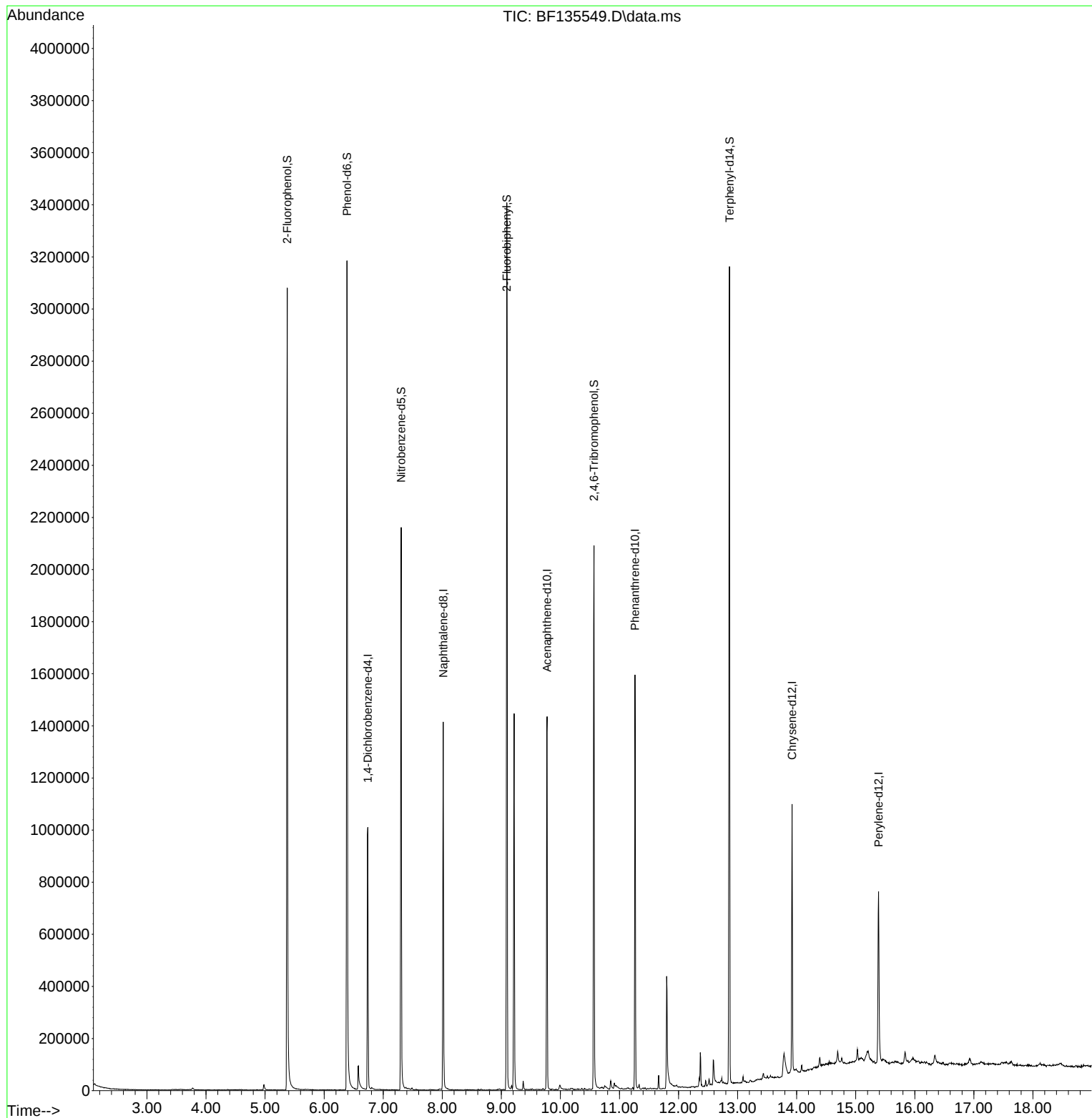
Target Compounds	Qvalue

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

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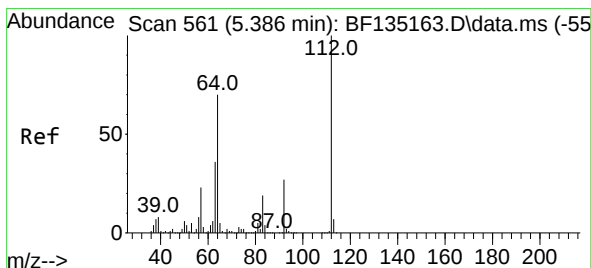
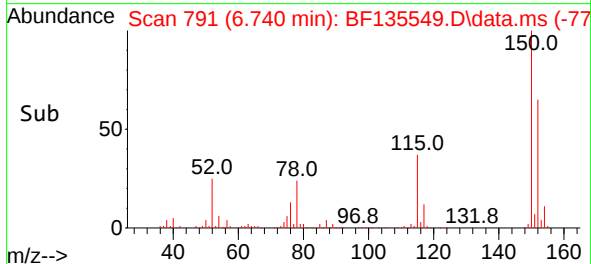
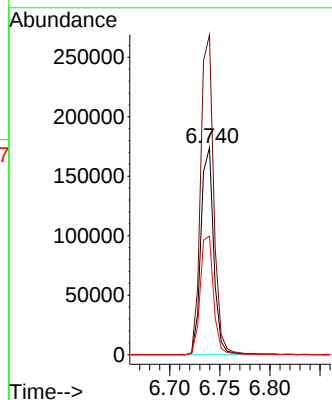
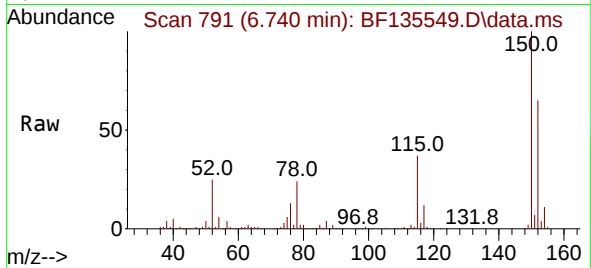




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

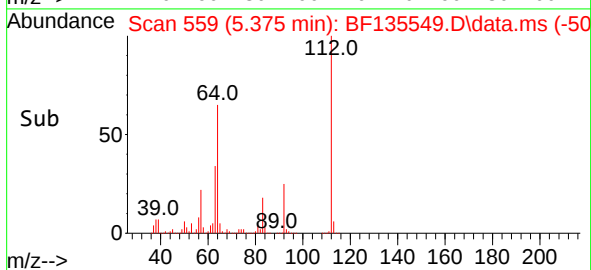
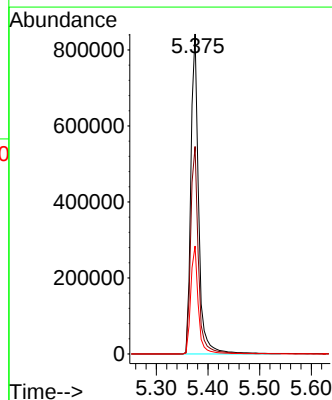
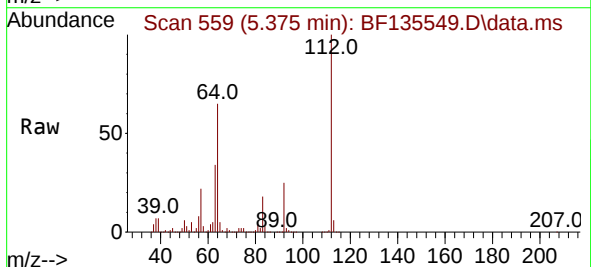
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-04

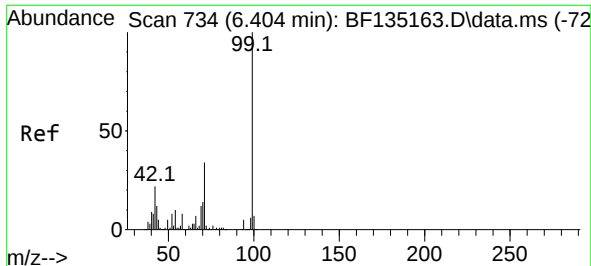
Tgt Ion:152 Resp: 155554
Ion Ratio Lower Upper
152 100
150 154.5 127.8 191.6
115 57.3 49.8 74.8



#5
2-Fluorophenol
Concen: 91.998 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

Tgt Ion:112 Resp: 879876
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.8 29.0 43.6

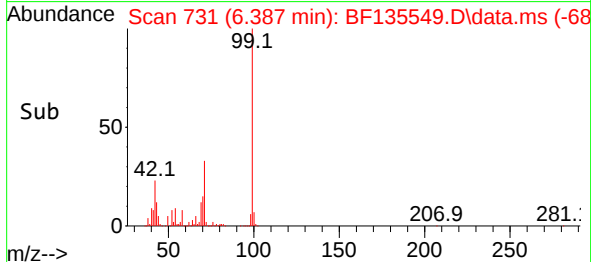
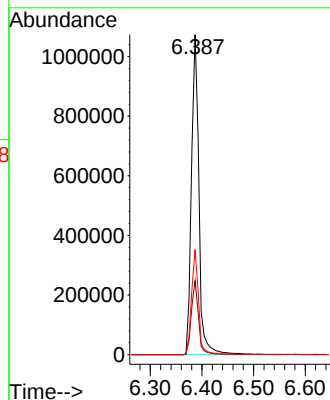
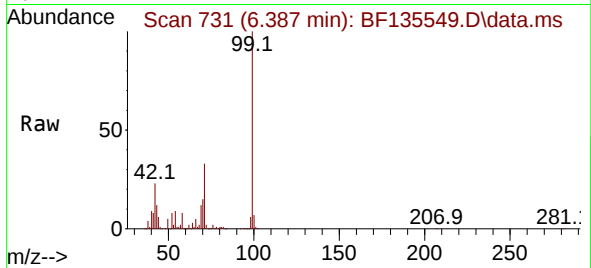




#7
Phenol-d6
Concen: 88.812 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

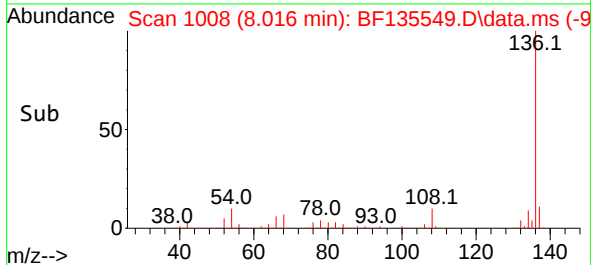
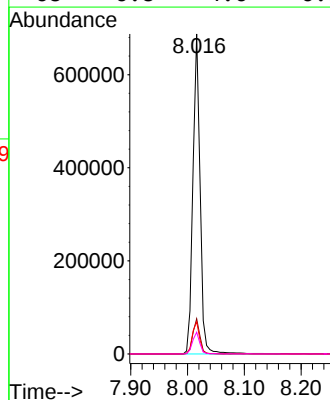
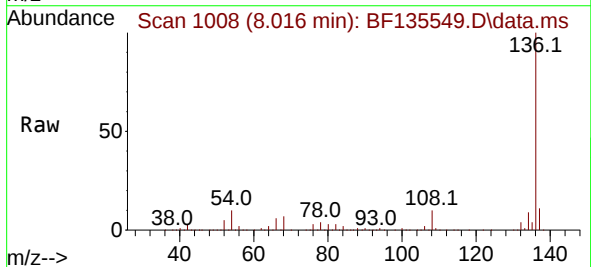
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-04

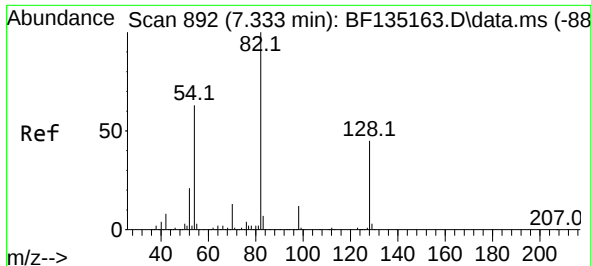
Tgt Ion: 99 Resp: 1080069
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

Tgt Ion: 136 Resp: 605734
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 59.739 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135549.D

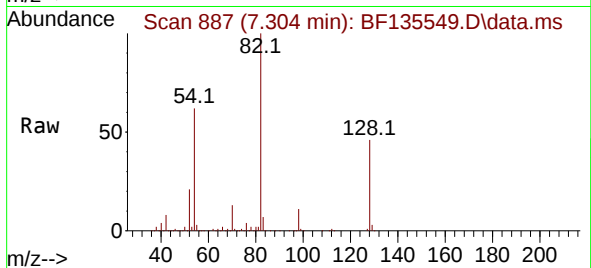
Acq: 03 Oct 2023 19:09

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-04



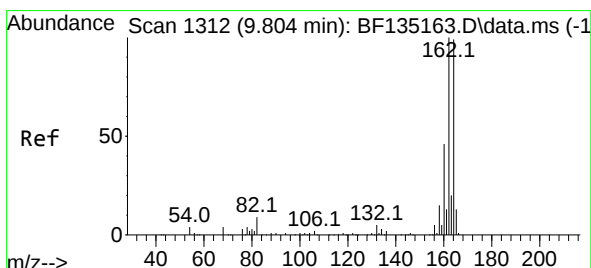
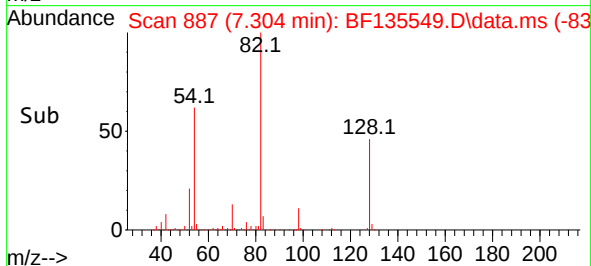
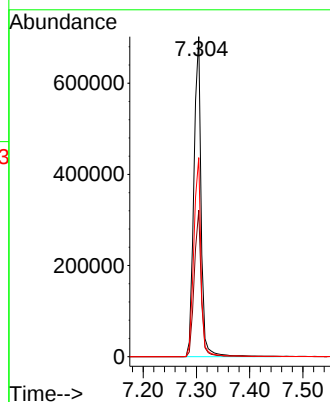
Tgt Ion: 82 Resp: 666049

Ion Ratio Lower Upper

82 100

128 45.8 35.8 53.6

54 62.2 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: BF135549.D

Acq: 03 Oct 2023 19:09

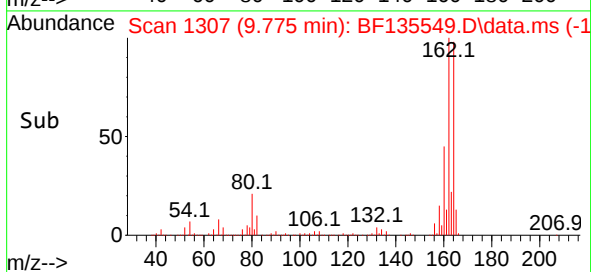
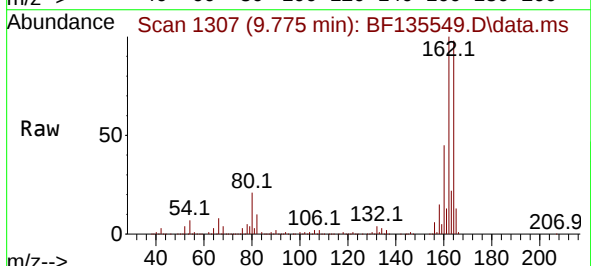
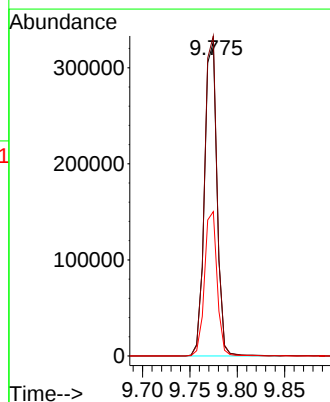
Tgt Ion: 164 Resp: 301908

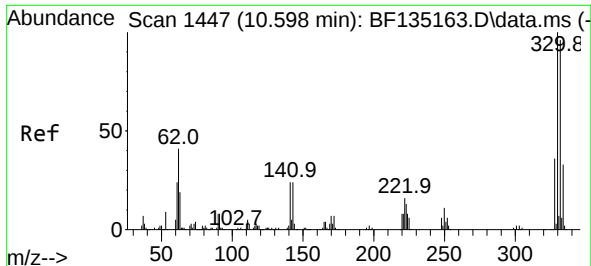
Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 45.9 37.0 55.4

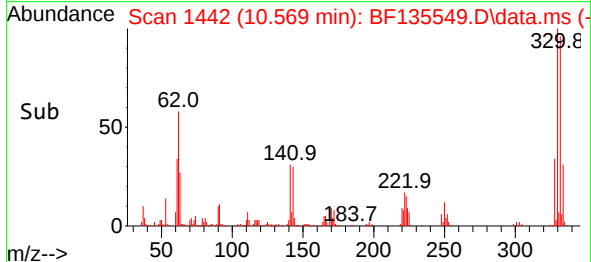
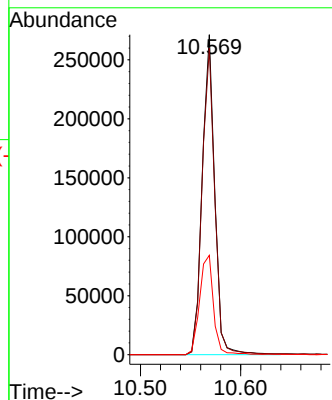
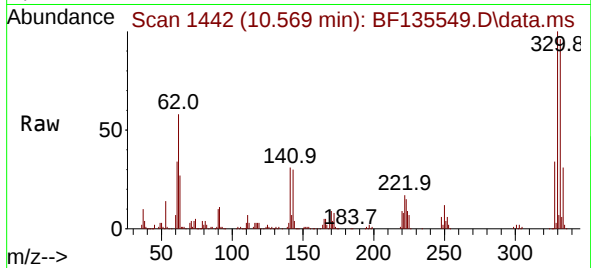




#42
2,4,6-Tribromophenol
Concen: 78.639 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

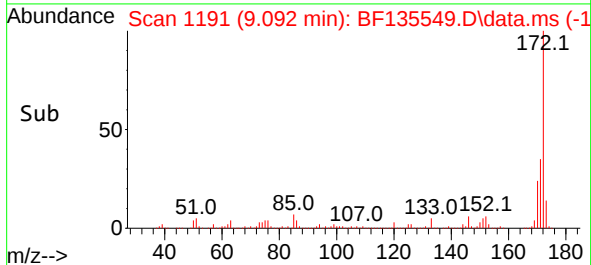
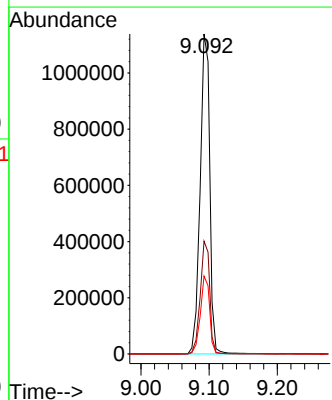
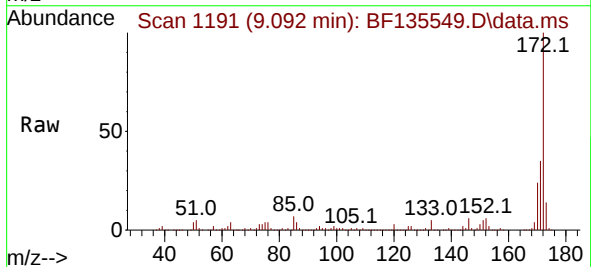
Instrument :
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280-300FB-BACKFILL-04

Tgt Ion: 330 Resp: 235936
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 55.900 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135549.D
Acq: 03 Oct 2023 19:09

Tgt Ion: 172 Resp: 1118598
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135549.D

Acq: 03 Oct 2023 19:09

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-04

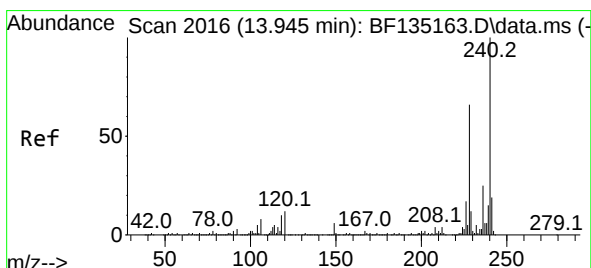
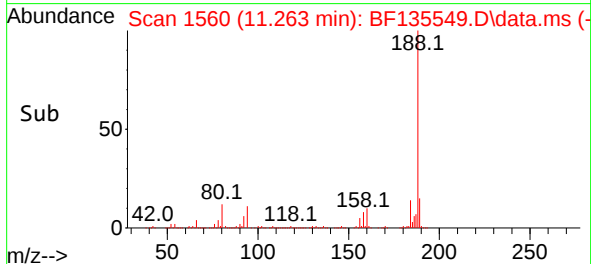
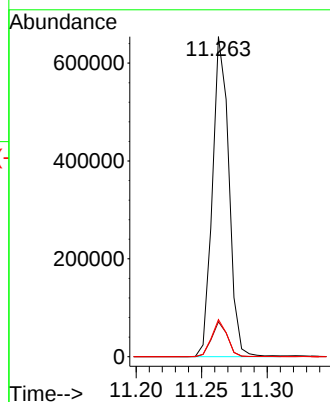
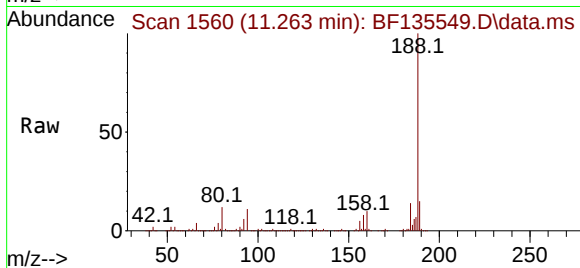
Tgt Ion:188 Resp: 571186

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.6 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: BF135549.D

Acq: 03 Oct 2023 19:09

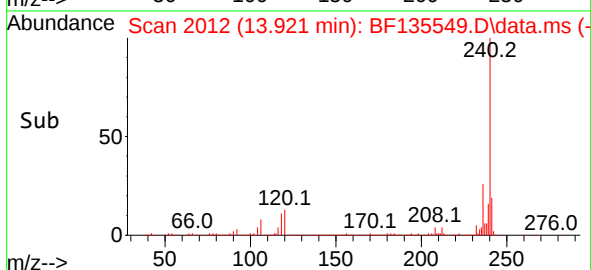
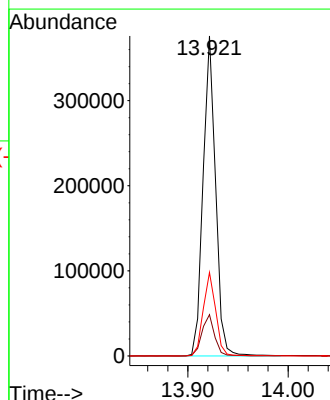
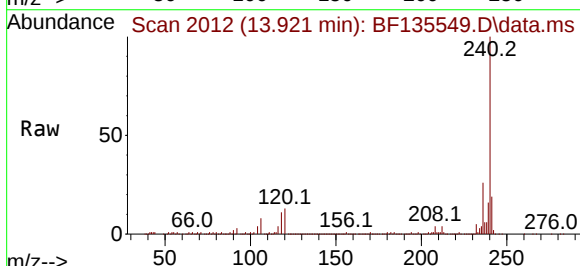
Tgt Ion:240 Resp: 326853

Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

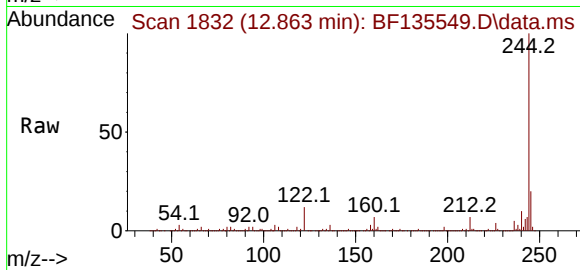
236 26.1 19.8 29.8





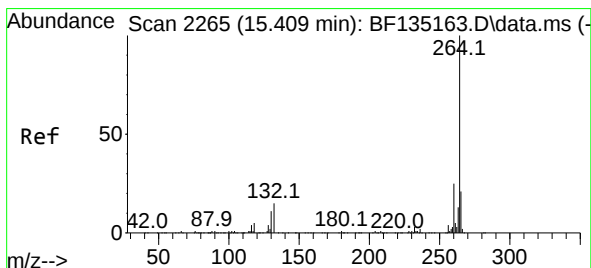
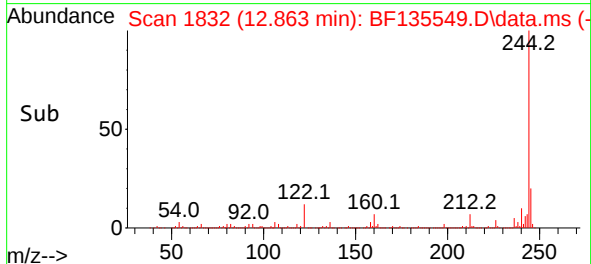
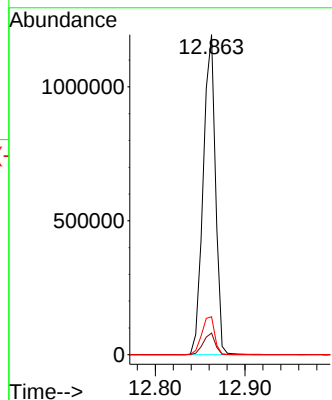
#79
 Terphenyl-d14
 Concen: 53.766 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135549.D
 Acq: 03 Oct 2023 19:09

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-04



Tgt Ion:244 Resp: 1133641

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.8	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: BF135549.D
 Acq: 03 Oct 2023 19:09

Tgt Ion:264 Resp: 308611

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.1	17.0	25.4

