

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138549.D
 Acq On : 12 Jul 2024 16:34
 Operator : CG\JU
 Sample : P3193-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-3

Quant Time: Jul 12 17:09:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81015	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	323270	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174890	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	240379	20.000	ng	0.00
76) Chrysene-d12	14.015	240	154907	20.000	ng	-0.01
86) Perylene-d12	15.480	264	139122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	470005	91.881	ng	0.00
7) Phenol-d6	6.498	99	623495	91.624	ng	0.00
23) Nitrobenzene-d5	7.428	82	412145	62.596	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	128867	78.841	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	745102	66.586	ng	0.00
79) Terphenyl-d14	12.963	244	521388	54.833	ng	-0.01

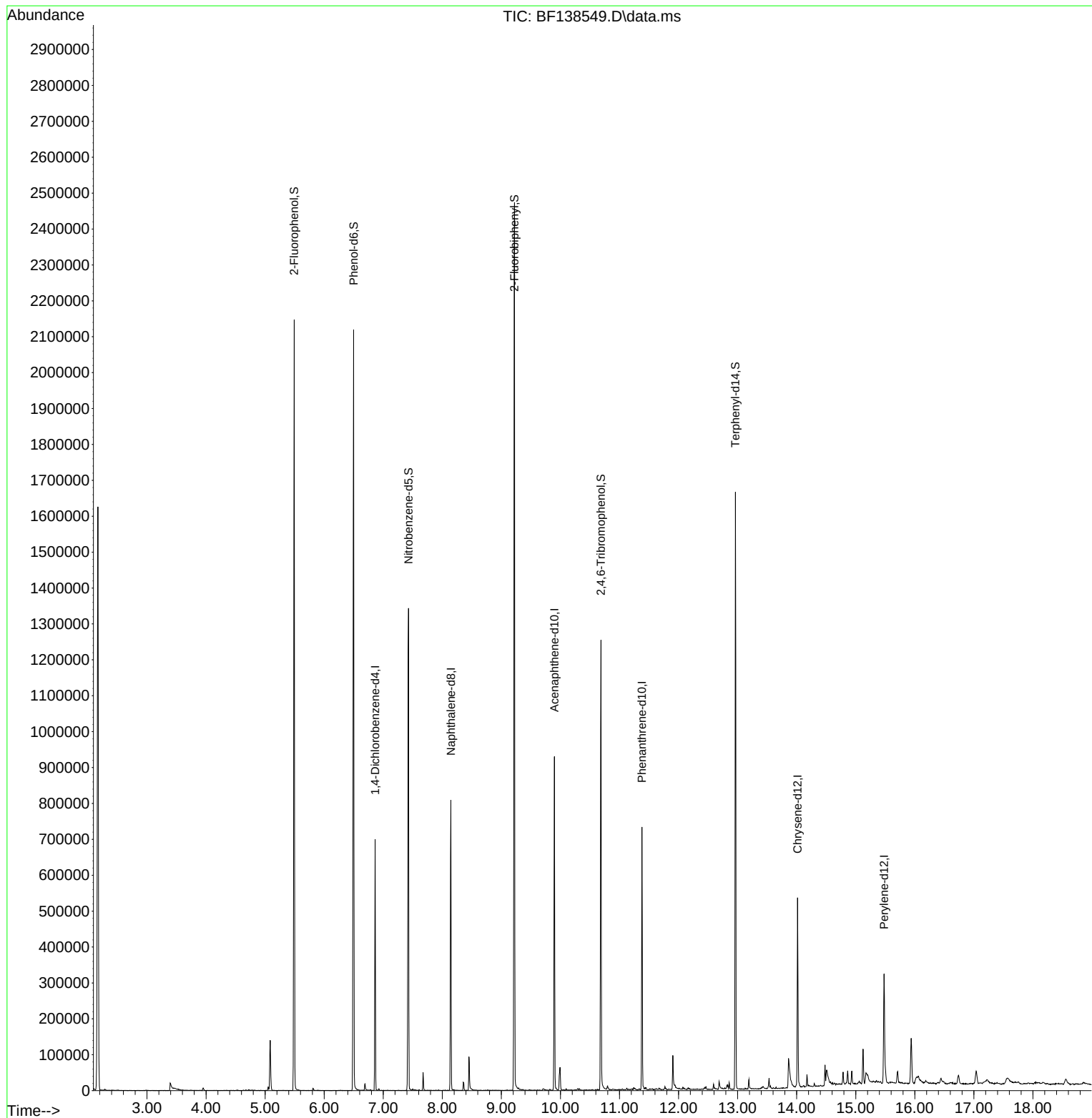
Target Compounds	Qvalue

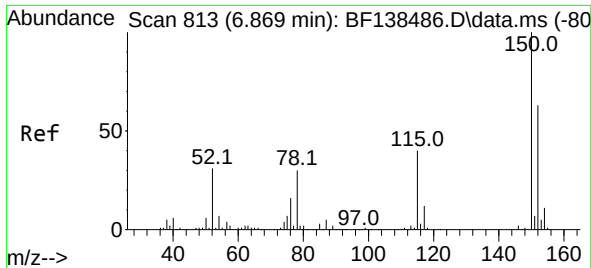
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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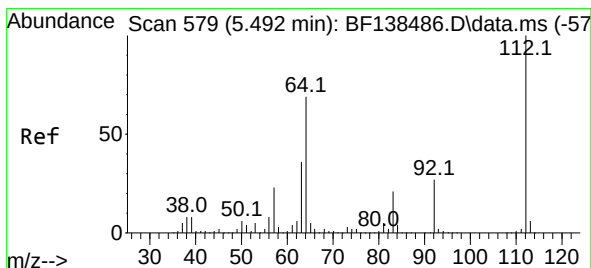
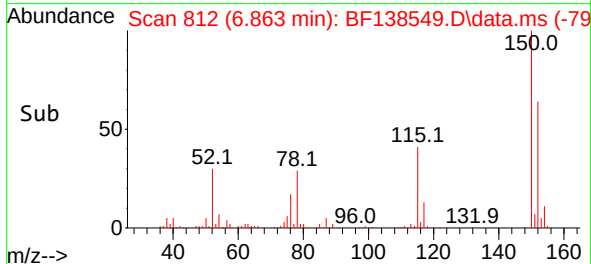
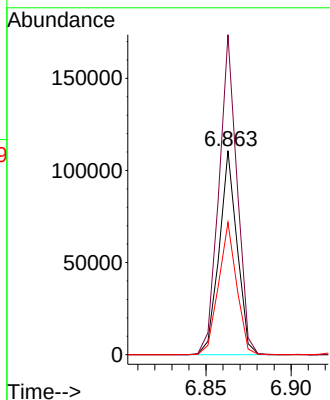
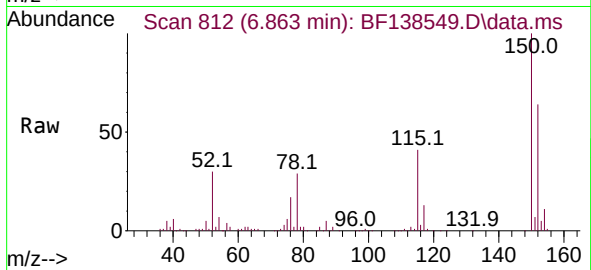




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

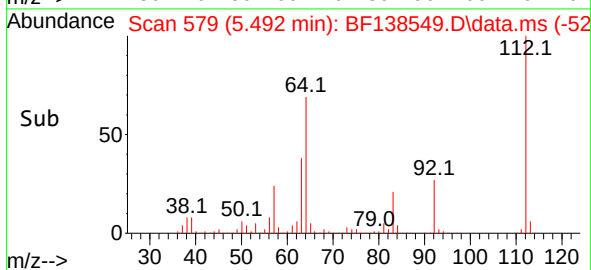
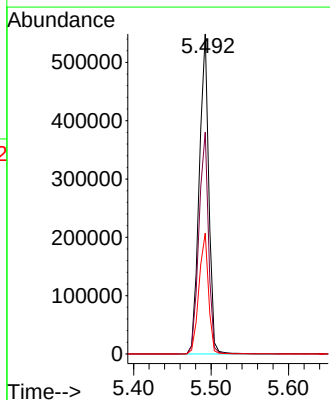
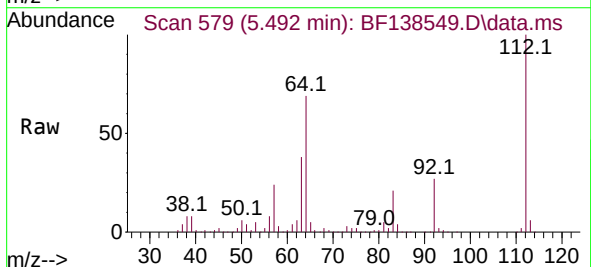
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-3

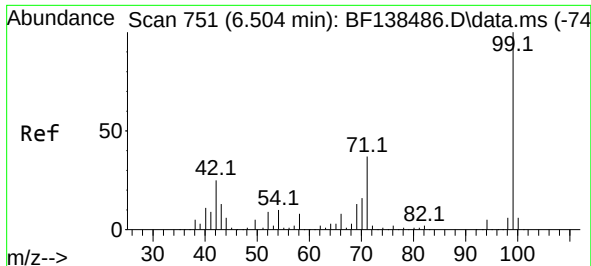
Tgt Ion:152 Resp: 81015
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 64.8 50.3 75.5



#5
2-Fluorophenol
Concen: 91.881 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

Tgt Ion:112 Resp: 470005
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.8 29.0 43.6

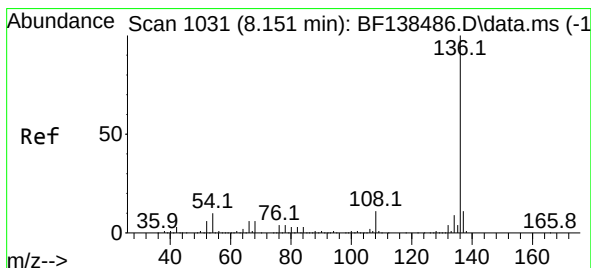
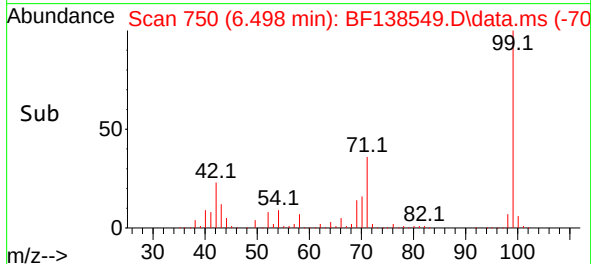
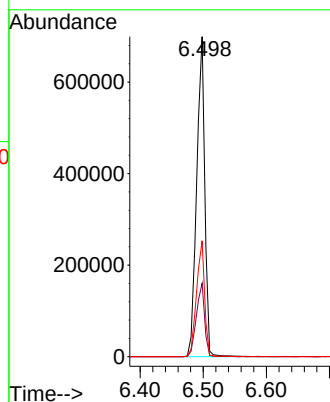
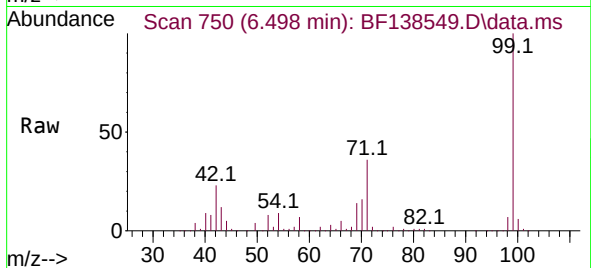




#7
Phenol-d6
Concen: 91.624 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

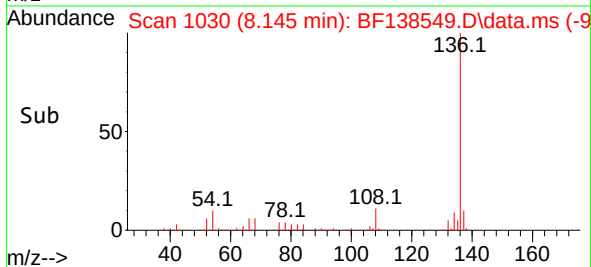
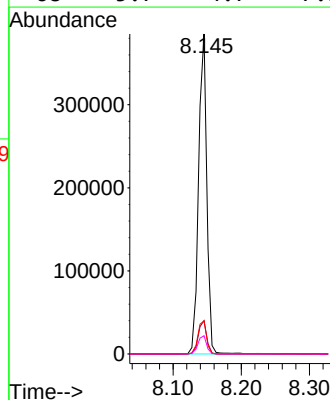
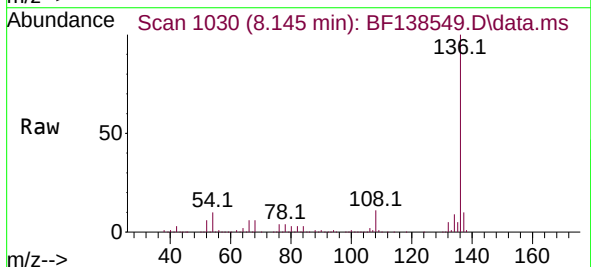
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-3

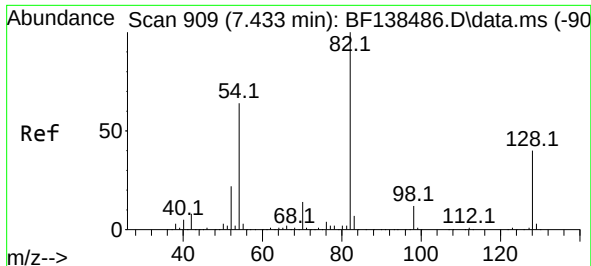
Tgt Ion: 99 Resp: 623495
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.2 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

Tgt Ion: 136 Resp: 323270
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.3 8.1 12.1
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 62.596 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138549.D

Acq: 12 Jul 2024 16:34

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-3

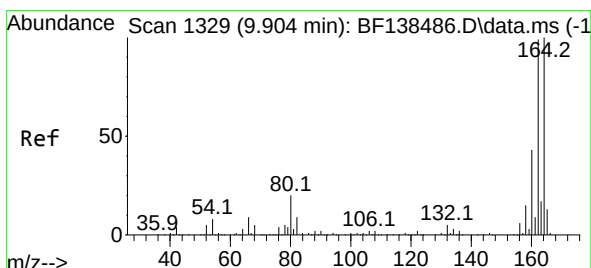
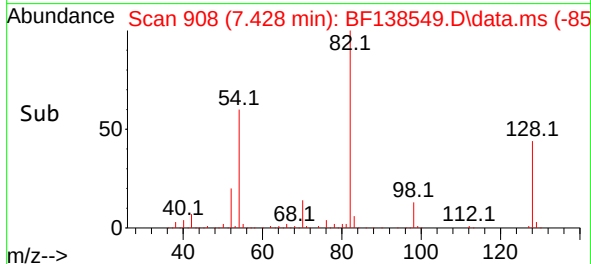
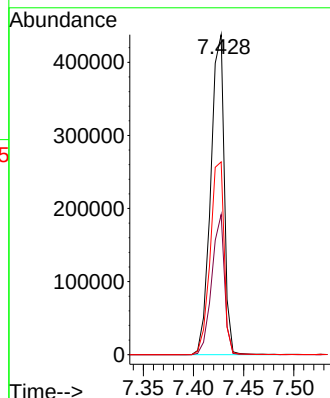
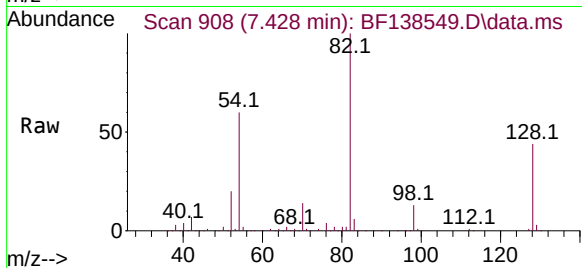
Tgt Ion: 82 Resp: 412145

Ion Ratio Lower Upper

82 100

128 43.8 32.3 48.5

54 60.2 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF138549.D

Acq: 12 Jul 2024 16:34

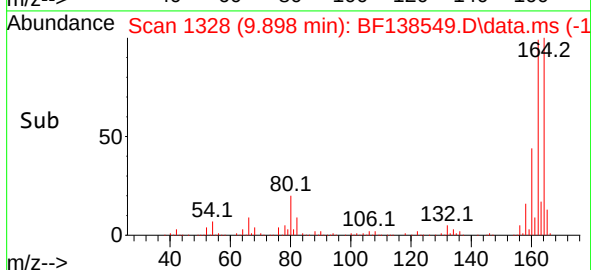
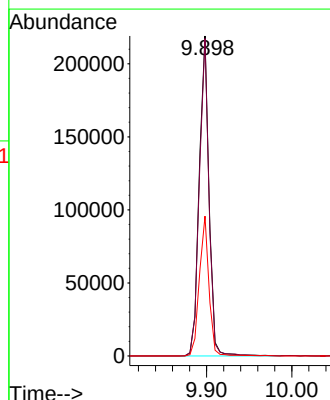
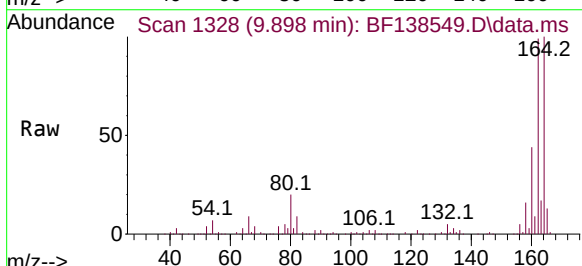
Tgt Ion:164 Resp: 174890

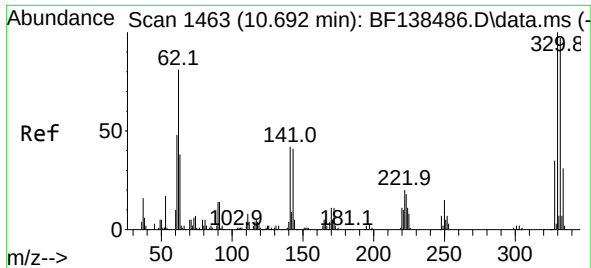
Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

160 43.7 34.4 51.6

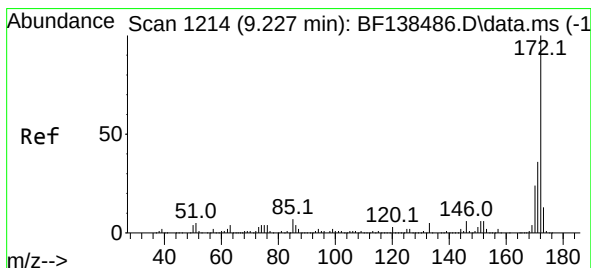
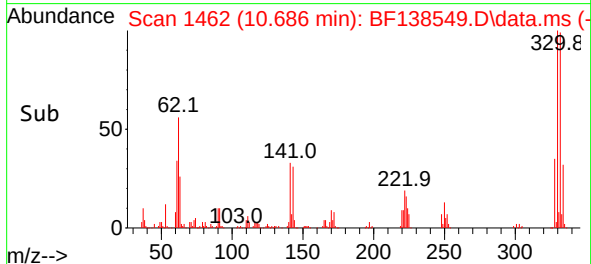
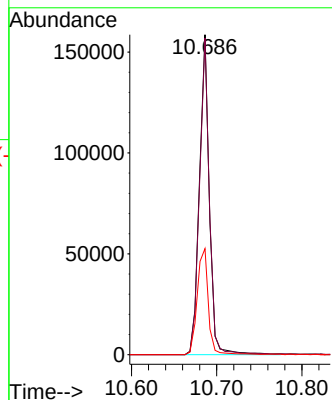
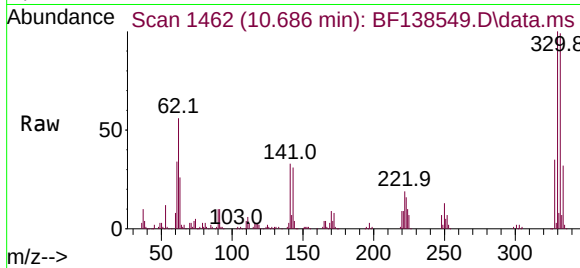




#42
2,4,6-Tribromophenol
Concen: 78.841 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

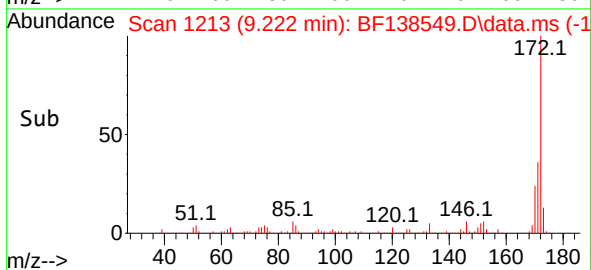
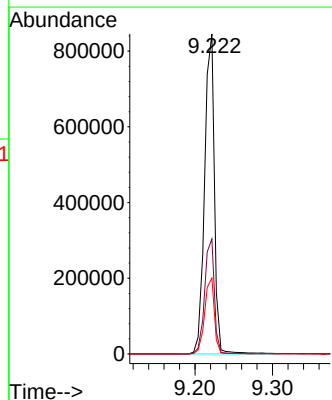
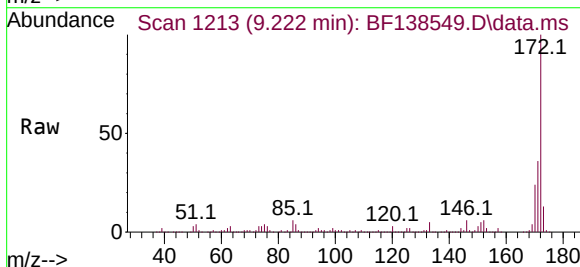
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-3

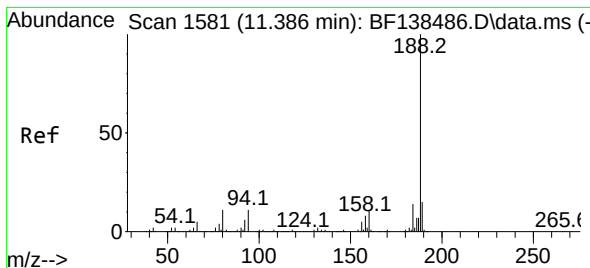
Tgt Ion: 330 Resp: 128867
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 37.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 66.586 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138549.D
Acq: 12 Jul 2024 16:34

Tgt Ion: 172 Resp: 745102
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138549.D

Acq: 12 Jul 2024 16:34

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-3

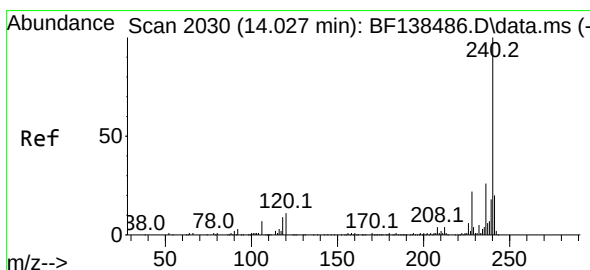
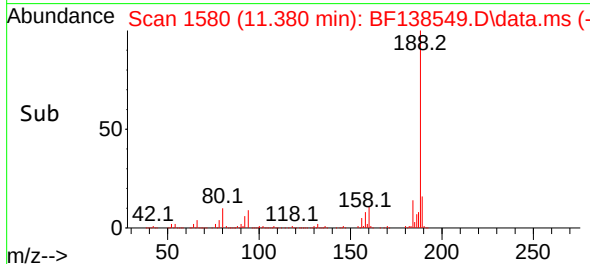
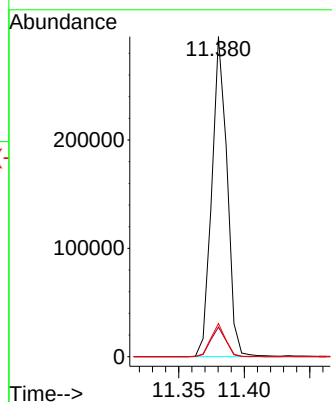
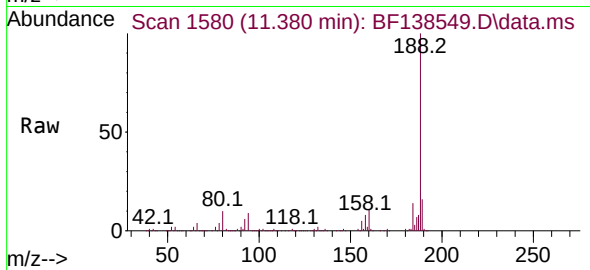
Tgt Ion:188 Resp: 240379

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

80 10.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF138549.D

Acq: 12 Jul 2024 16:34

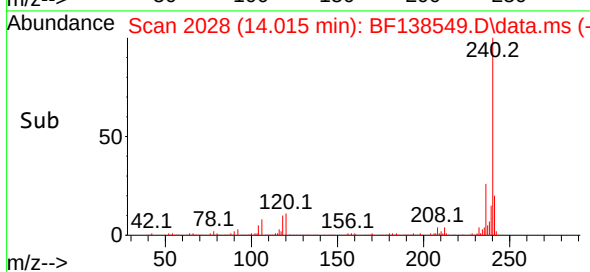
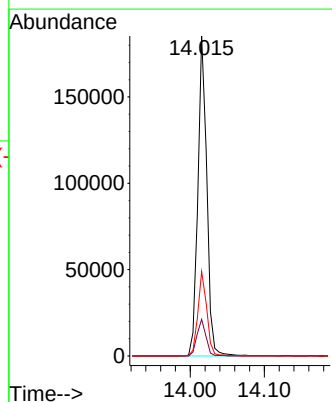
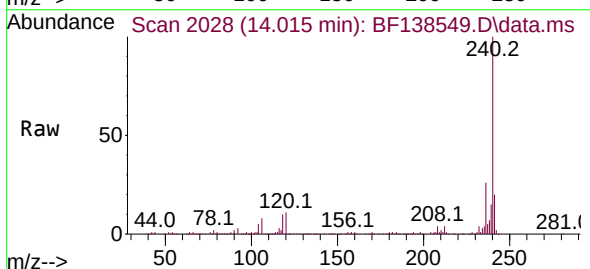
Tgt Ion:240 Resp: 154907

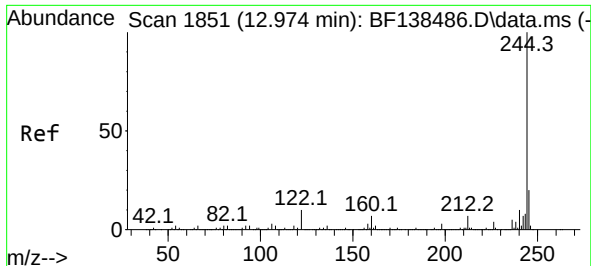
Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 26.4 21.0 31.6

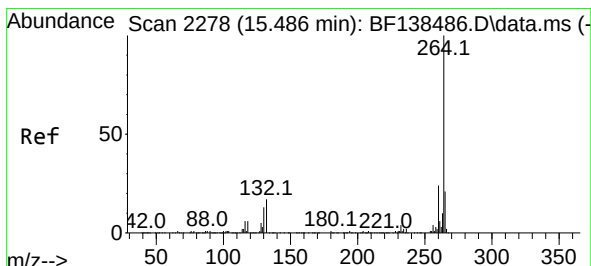
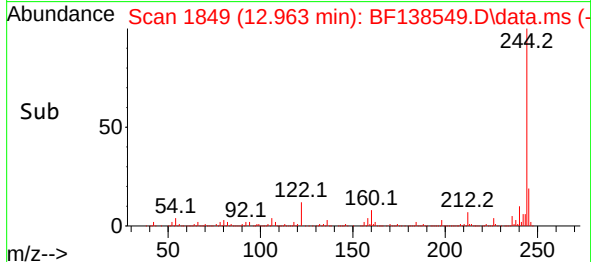
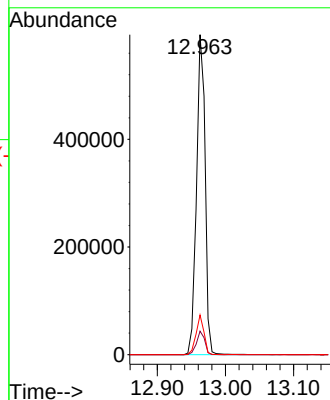
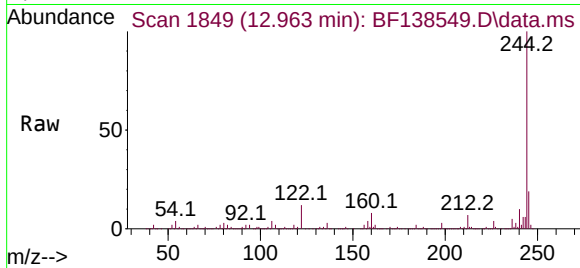




#79
 Terphenyl-d14
 Concen: 54.833 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF138549.D
 Acq: 12 Jul 2024 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-3

Tgt Ion:244 Resp: 521388
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.4 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138549.D
 Acq: 12 Jul 2024 16:34

Tgt Ion:264 Resp: 139122
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 17.0 25.4

