

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138669.D
 Acq On : 29 Jul 2024 14:08
 Operator : RC/JU
 Sample : PB162188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BL

Quant Time: Jul 29 14:32:38 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	6.845	152	90272	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	374913	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	212785	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	482771	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	210180	20.000	ng	-0.01
86) Perylene-d12	15.486	264	175299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1010302	177.250	ng	0.00
7) Phenol-d6	6.486	99	1099592	145.017	ng	-0.02
23) Nitrobenzene-d5	7.410	82	721606	94.500	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	350853	176.424	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1236304	90.806	ng	-0.02
79) Terphenyl-d14	12.968	244	1497299	116.057	ng	0.00

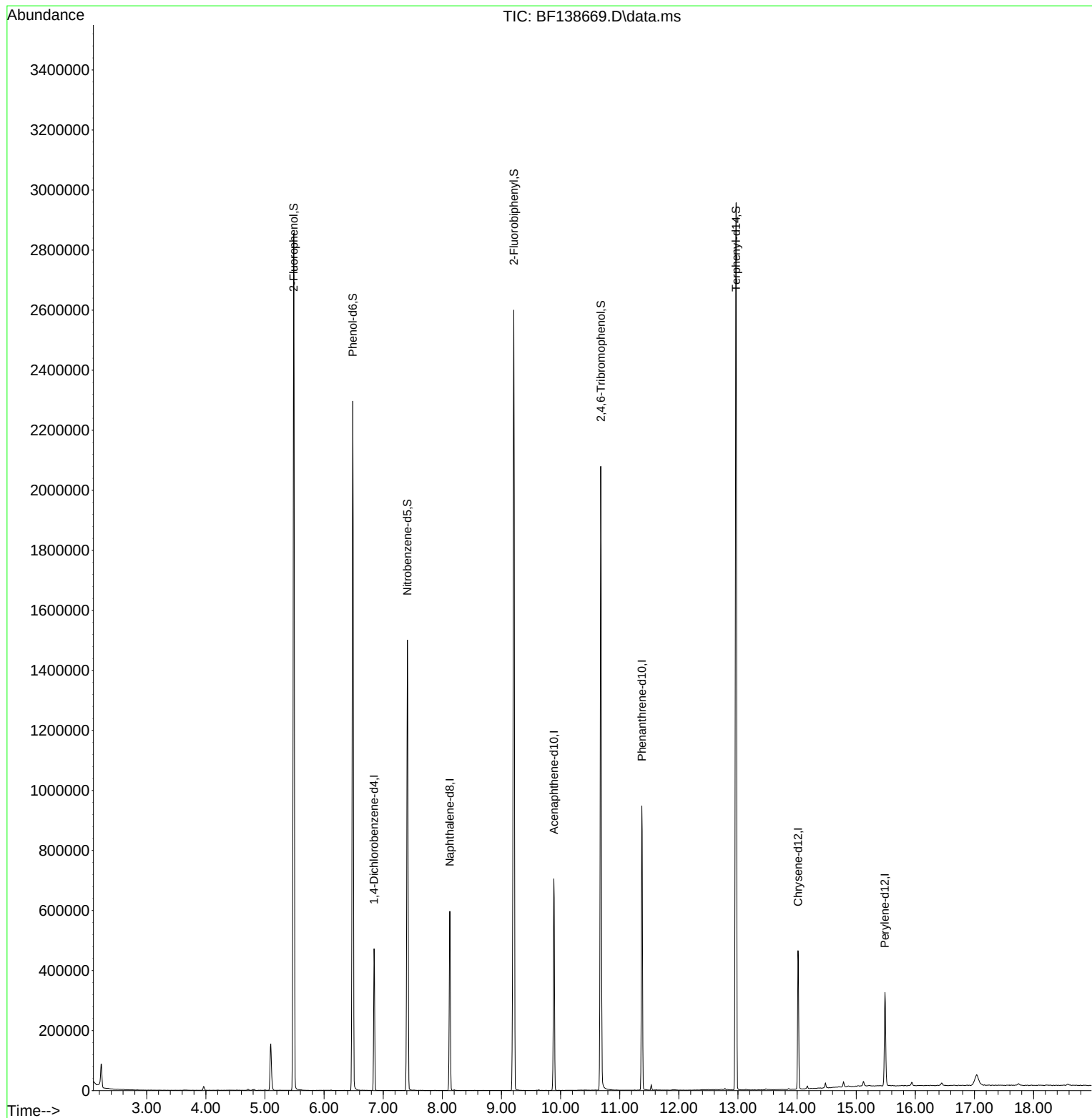
Target Compounds	Qvalue

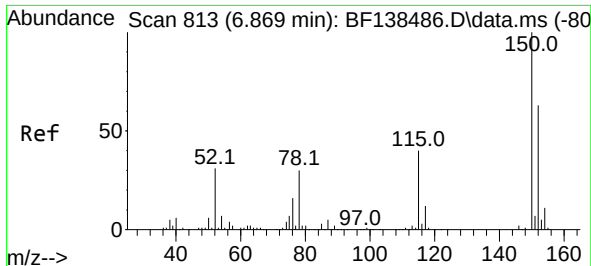
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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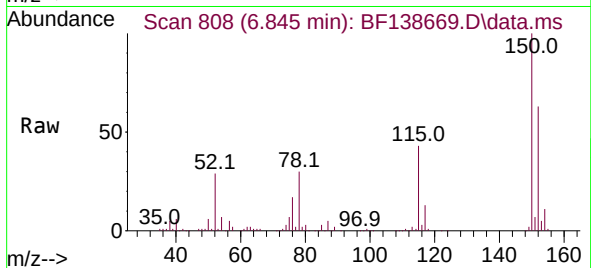
Quant Time: Jul 29 14:32:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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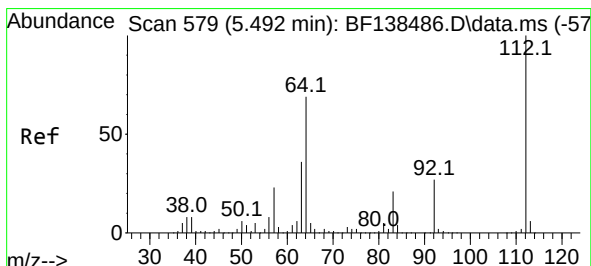
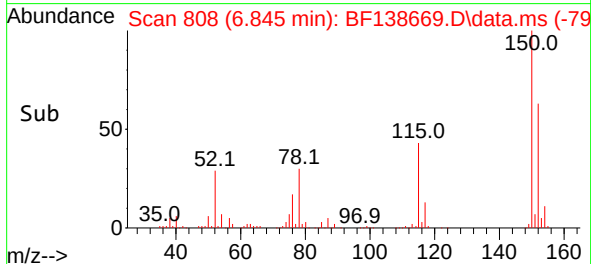
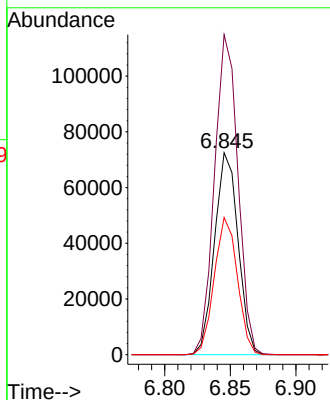


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.024 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Instrument :
BNA_F
ClientSampleId :
PB162188BL

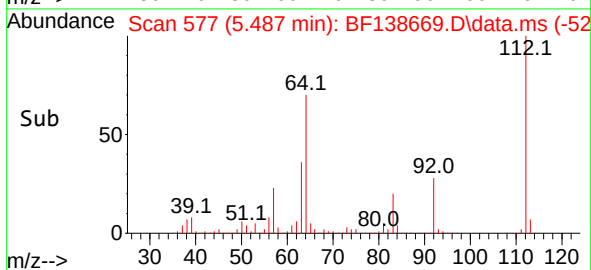
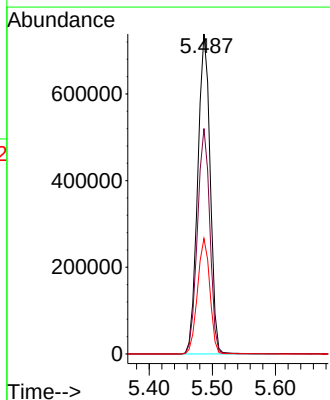
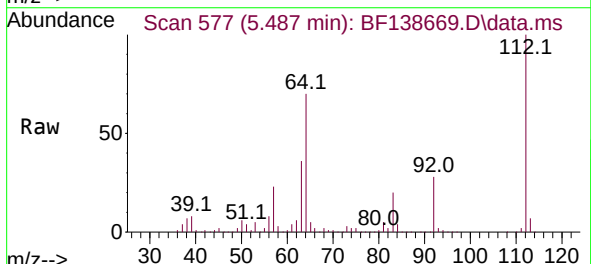


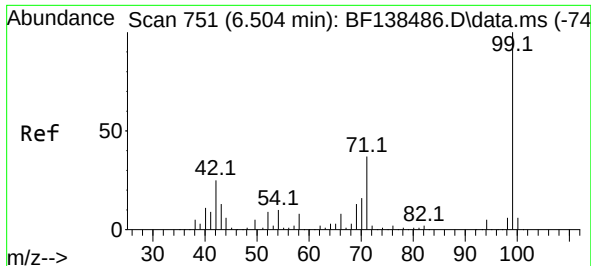
Tgt Ion:152 Resp: 90272
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.4
115 67.9 50.3 75.5



#5
2-Fluorophenol
Concen: 177.250 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:112 Resp: 1010302
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 36.1 29.0 43.6

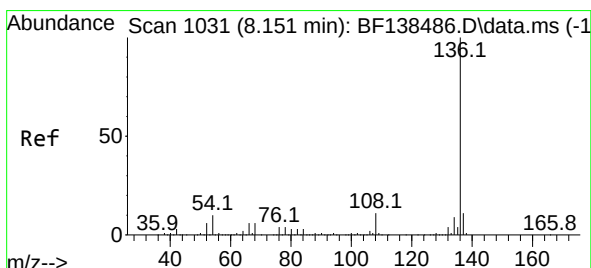
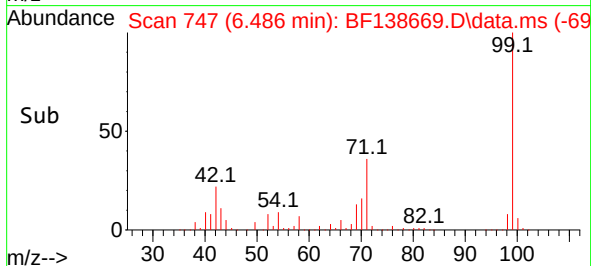
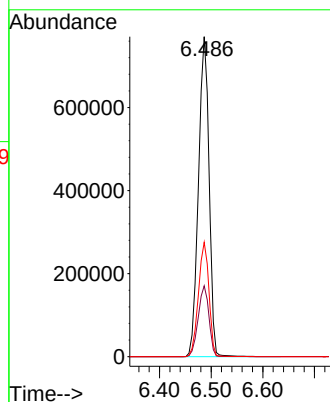
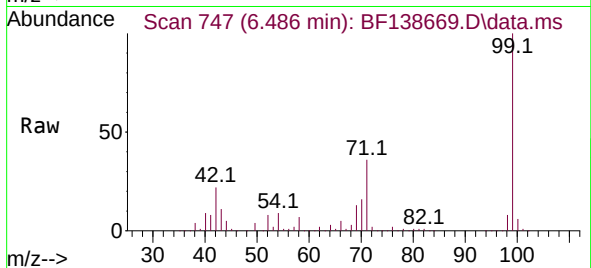




#7
Phenol-d6
Concen: 145.017 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

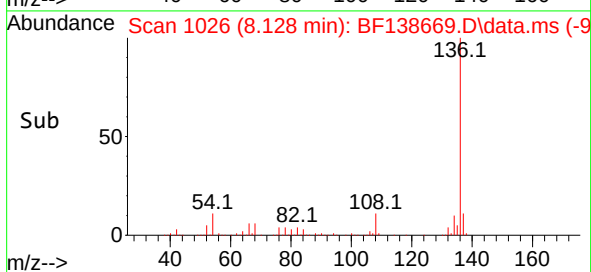
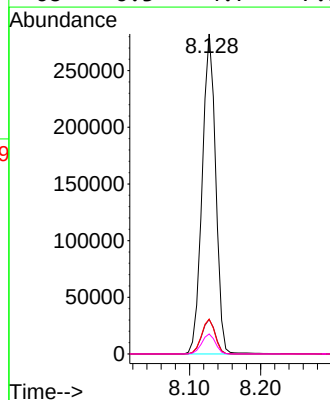
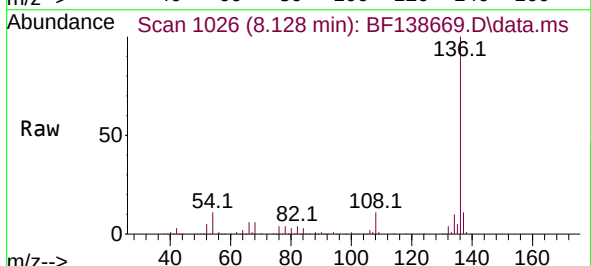
Instrument :
BNA_F
ClientSampleId :
PB162188BL

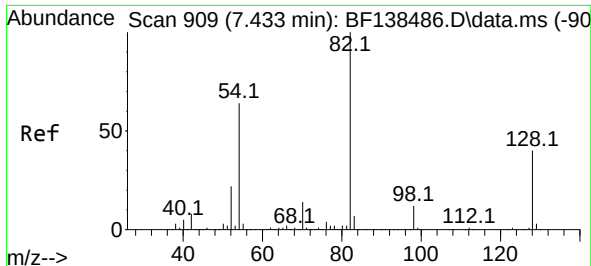
Tgt Ion: 99 Resp: 1099592
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.024 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:136 Resp: 374913
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.1 12.1
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 94.500 ng

RT: 7.410 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB162188BL

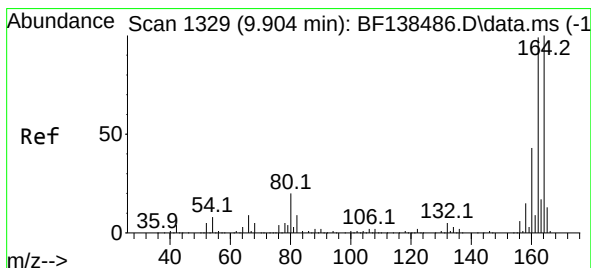
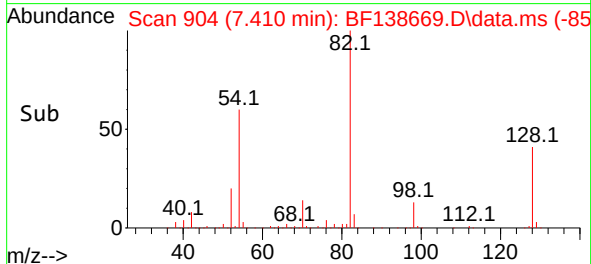
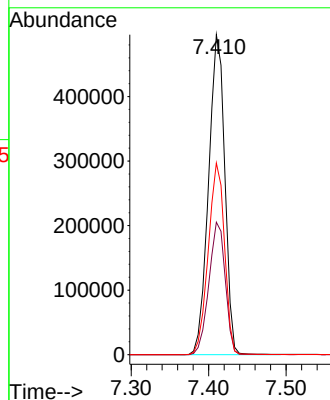
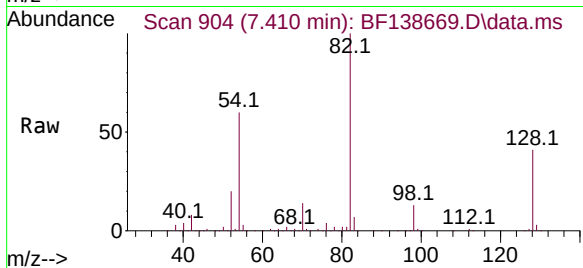
Tgt Ion: 82 Resp: 721606

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 59.9 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.018 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

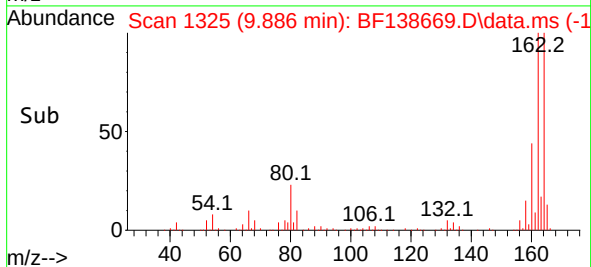
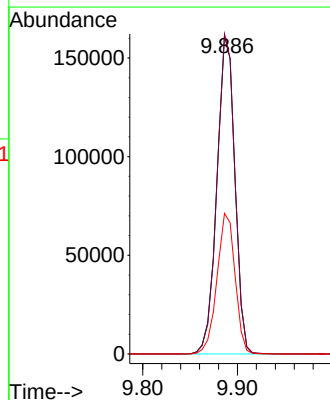
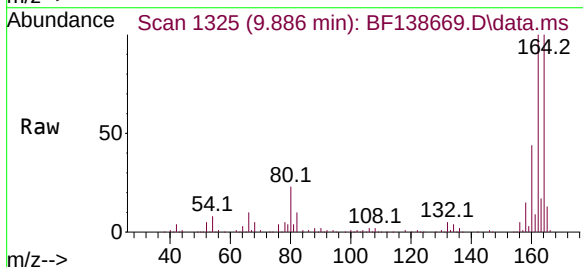
Tgt Ion:164 Resp: 212785

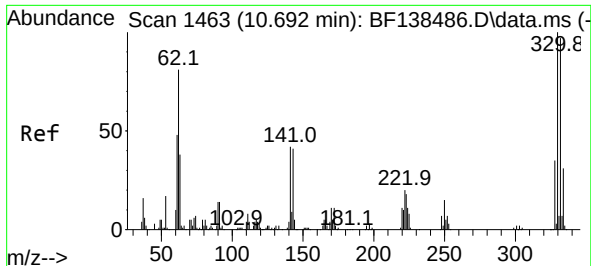
Ion Ratio Lower Upper

164 100

162 100.5 79.0 118.6

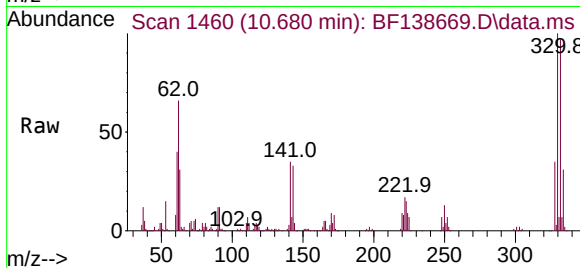
160 44.2 34.4 51.6



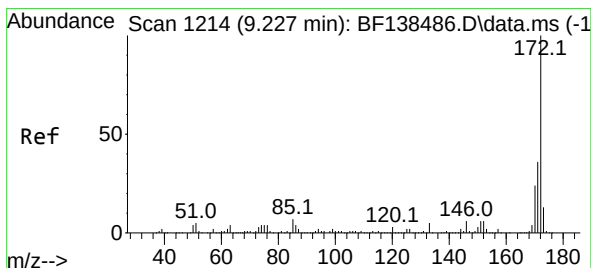
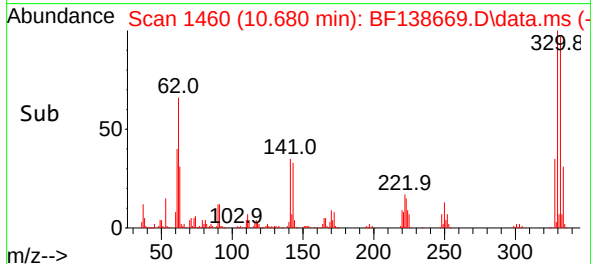
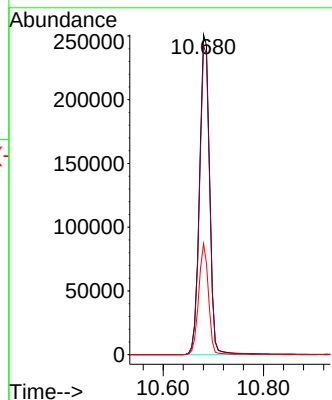


#42
2,4,6-Tribromophenol
Concen: 176.424 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Instrument :
BNA_F
ClientSampleId :
PB162188BL

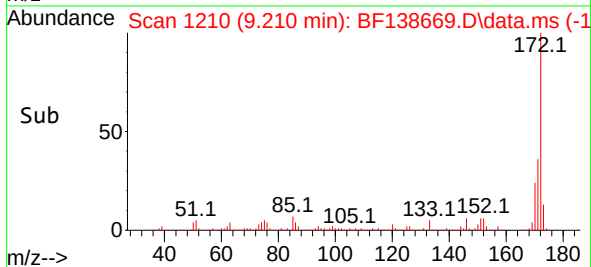
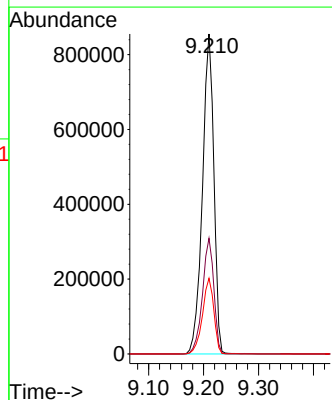
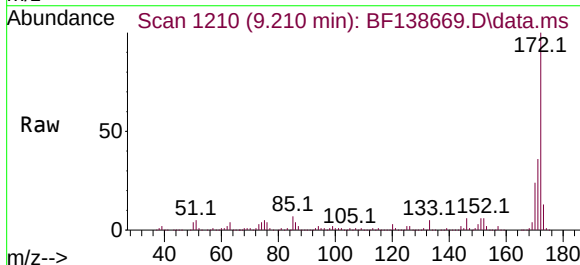


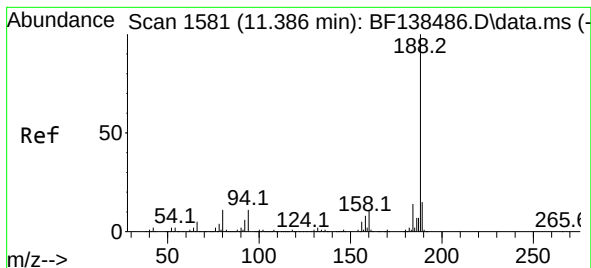
Tgt Ion:330 Resp: 350853
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 33.7 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 90.806 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:172 Resp: 1236304
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB162188BL

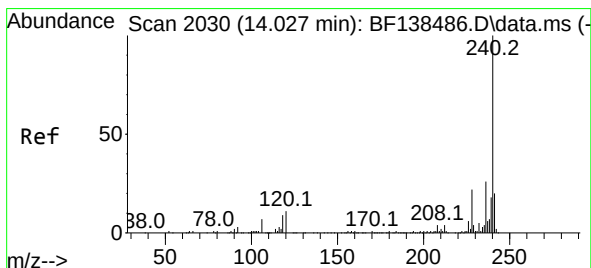
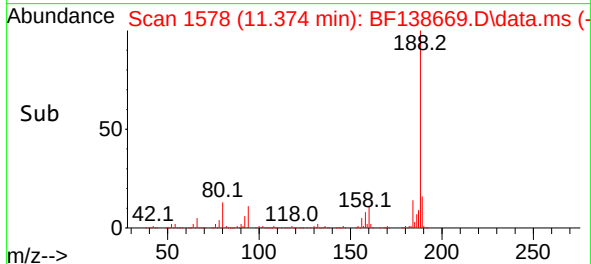
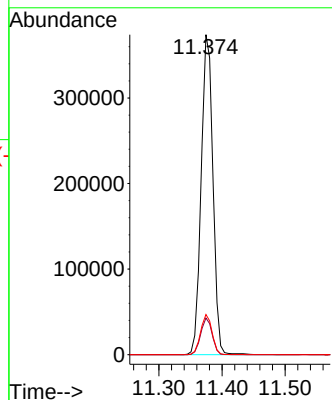
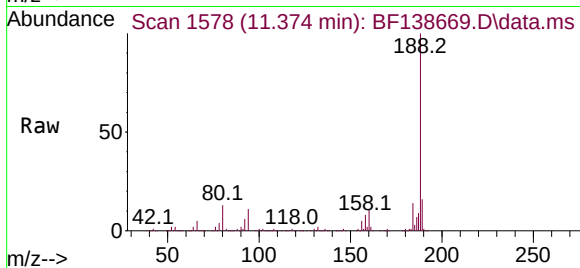
Tgt Ion:188 Resp: 482771

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

80 12.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

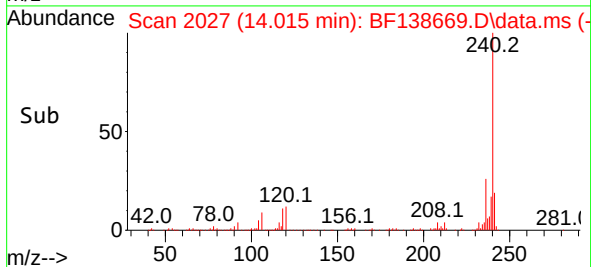
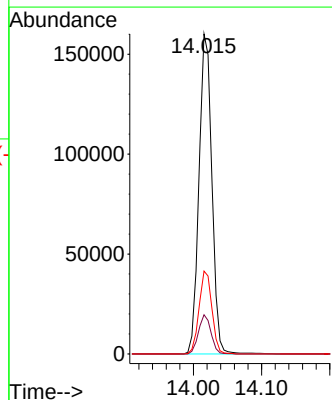
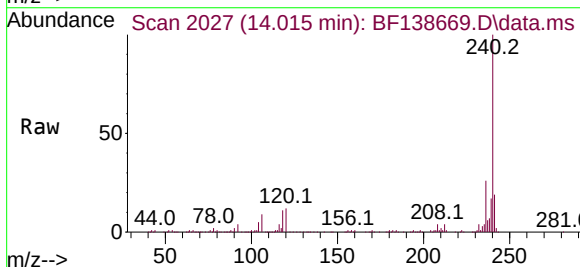
Tgt Ion:240 Resp: 210180

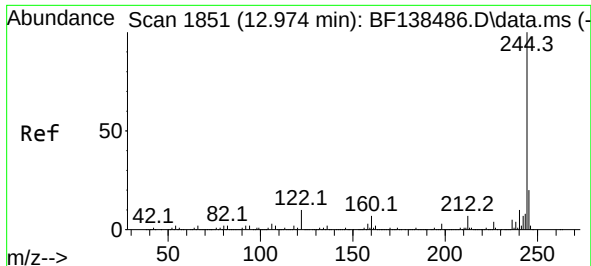
Ion Ratio Lower Upper

240 100

120 12.3 8.6 12.8

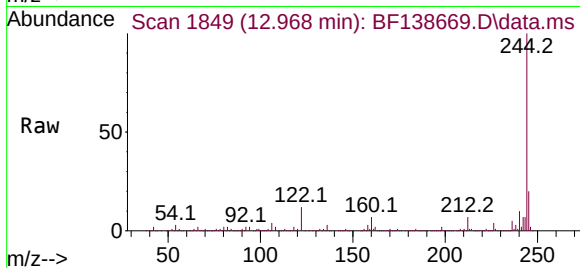
236 25.9 21.0 31.6



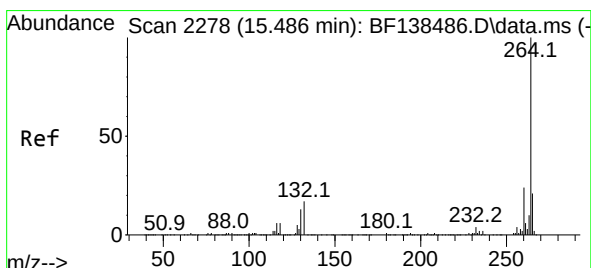
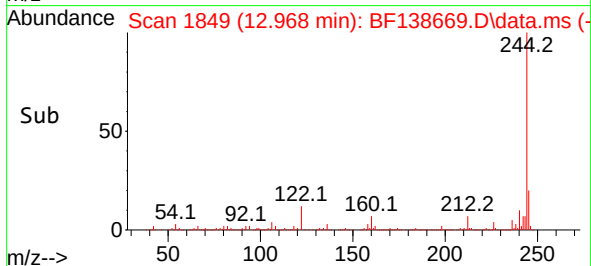
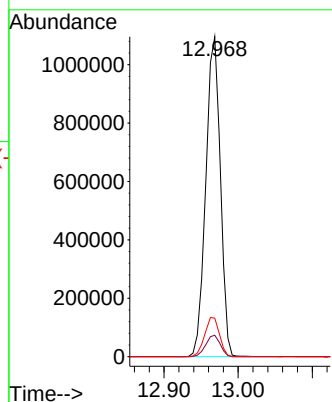


#79
 Terphenyl-d14
 Concen: 116.057 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF138669.D
 Acq: 29 Jul 2024 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BL



Tgt Ion:244 Resp: 1497299
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 12.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF138669.D
 Acq: 29 Jul 2024 14:08

Tgt Ion:264 Resp: 175299
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 17.0 25.4

