

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138942.D
 Acq On : 12 Aug 2024 19:28
 Operator : RC/JU
 Sample : PB162639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162639BL

Quant Time: Aug 13 01:00:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40668	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	173070	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	99786	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	190310	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	120240	20.000	ng	0.00
86) Perylene-d12	15.468	264	85558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	454239	172.417	ng	0.01
7) Phenol-d6	6.487	99	602117	170.227	ng	0.00
23) Nitrobenzene-d5	7.404	82	397926	112.412	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	151353	185.168	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	748127	112.647	ng	-0.01
79) Terphenyl-d14	12.945	244	952293	132.601	ng	0.00

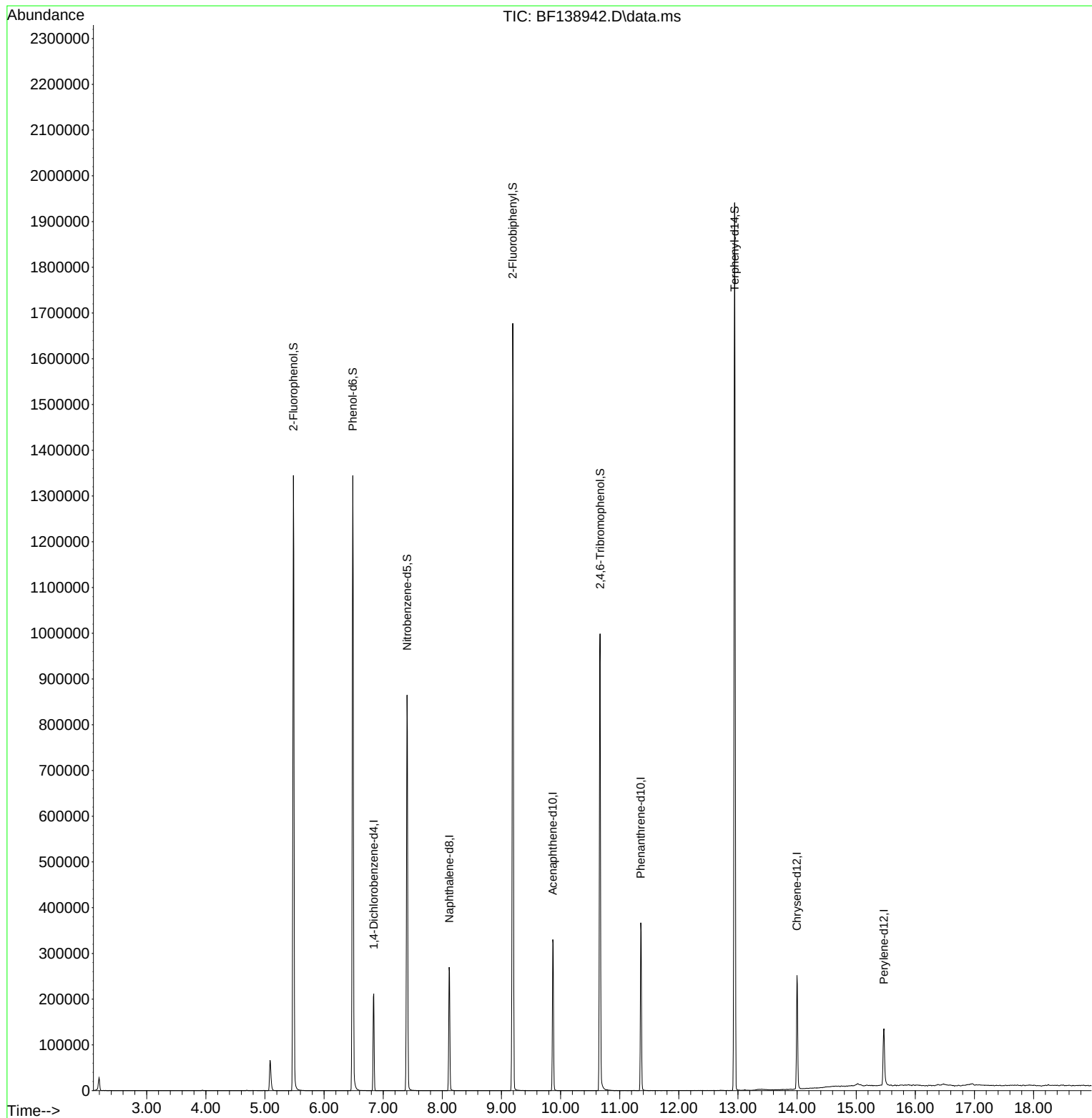
Target Compounds	Qvalue

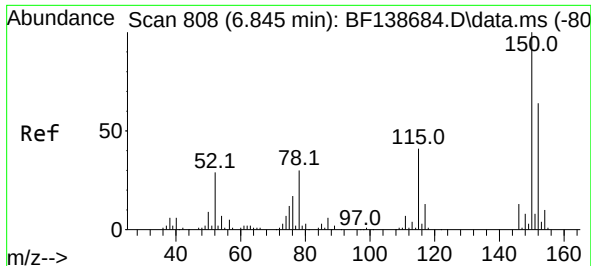
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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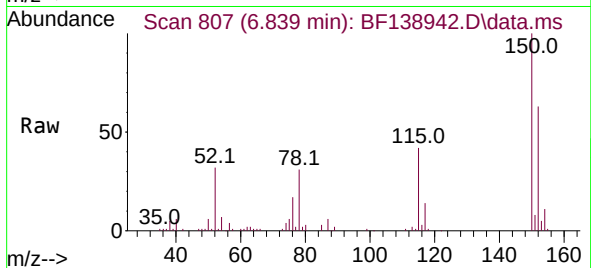
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



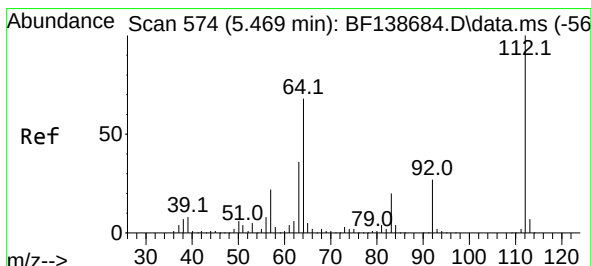
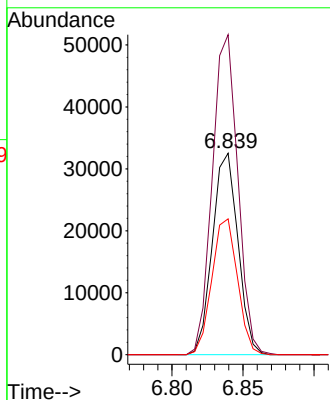
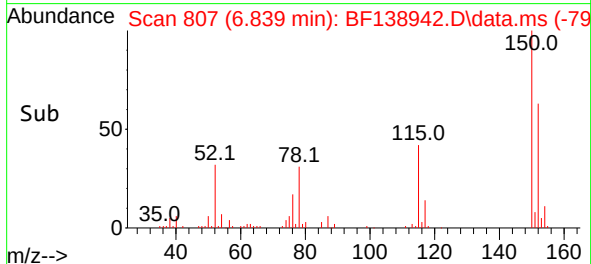


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

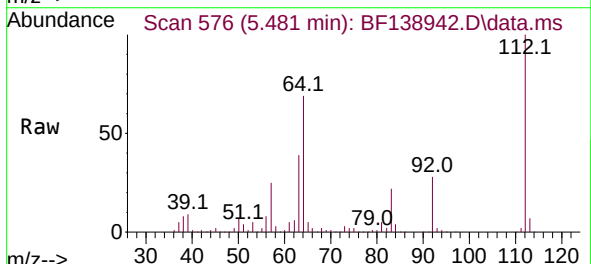
Instrument :
BNA_F
ClientSampleId :
PB162639BL



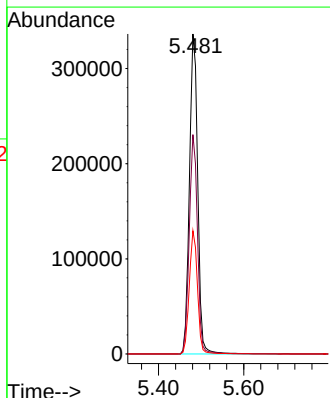
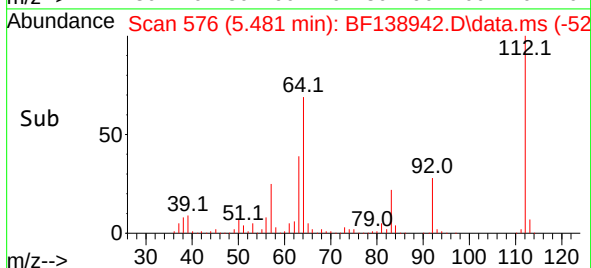
Tgt Ion:152 Resp: 40668
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 67.4 51.7 77.5

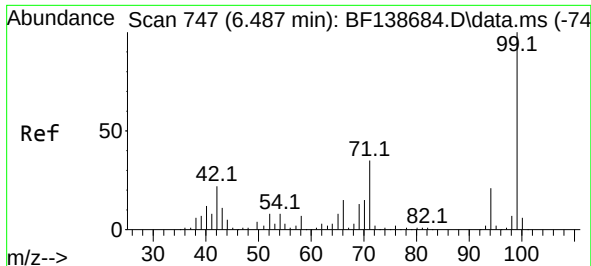


#5
2-Fluorophenol
Concen: 172.417 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28



Tgt Ion:112 Resp: 454239
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 38.5 28.7 43.1





#7

Phenol-d6

Concen: 170.227 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

Instrument :

BNA_F

ClientSampleId :

PB162639BL

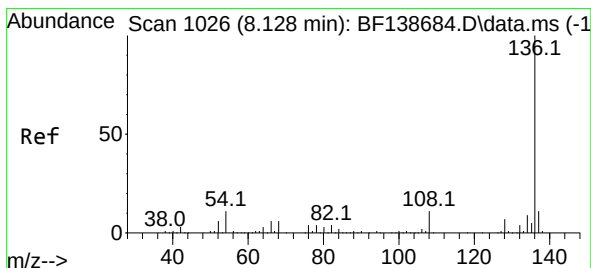
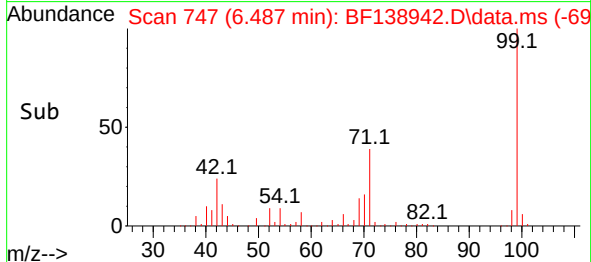
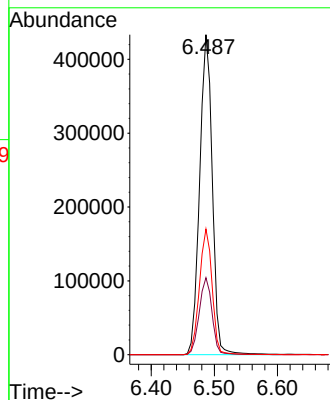
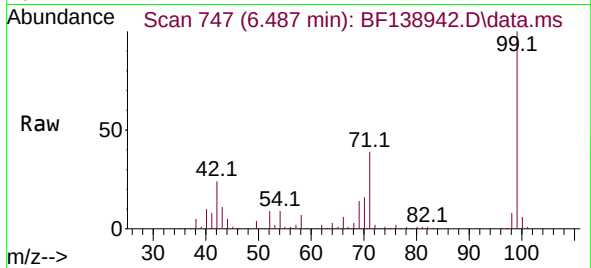
Tgt Ion: 99 Resp: 602117

Ion Ratio Lower Upper

99 100

42 24.1 17.4 26.0

71 39.2 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

Tgt Ion:136 Resp: 173070

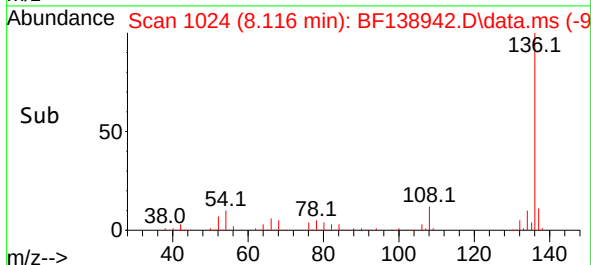
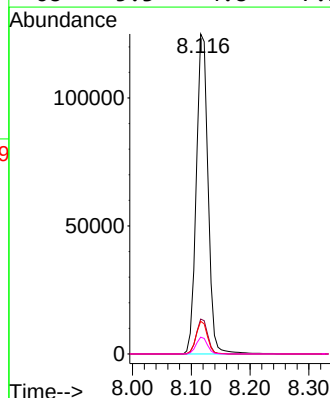
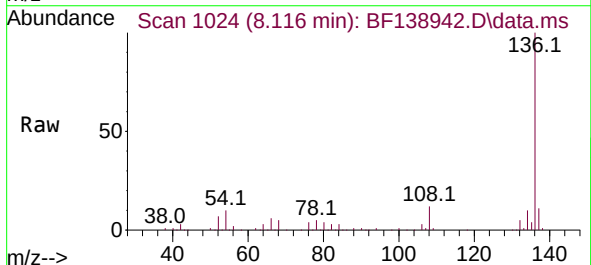
Ion Ratio Lower Upper

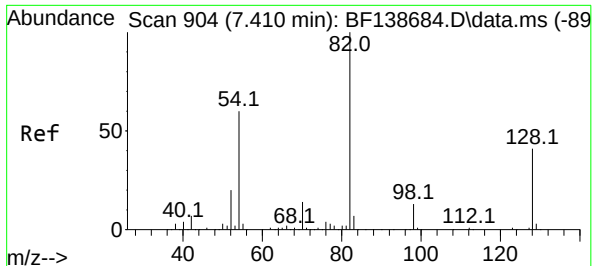
136 100

137 10.9 8.9 13.3

54 10.2 8.6 12.8

68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 112.412 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

Instrument :

BNA_F

ClientSampleId :

PB162639BL

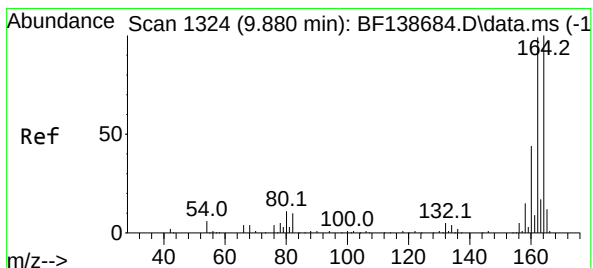
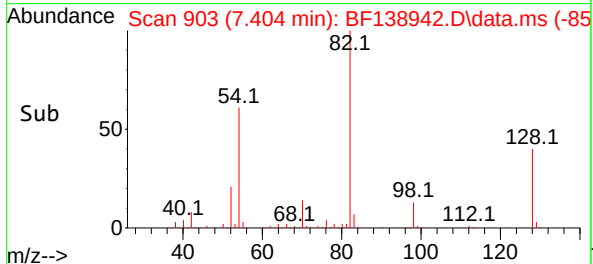
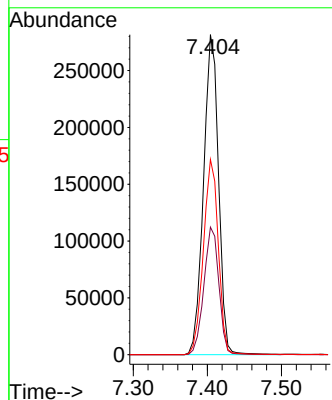
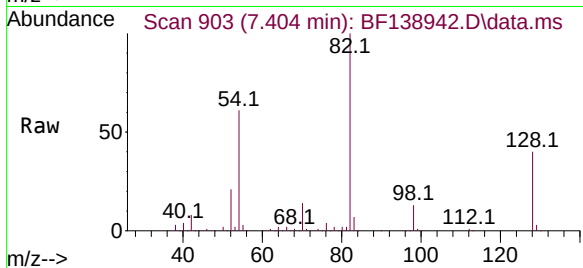
Tgt Ion: 82 Resp: 397926

Ion Ratio Lower Upper

82 100

128 39.9 32.8 49.2

54 61.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

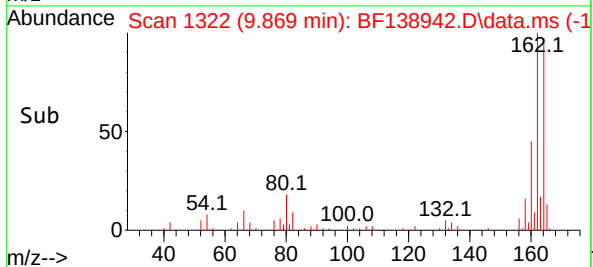
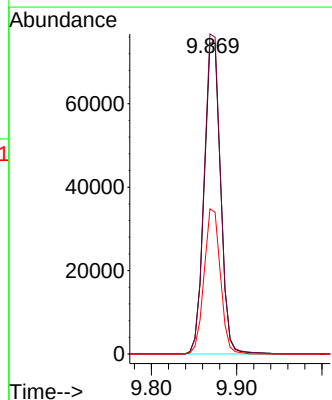
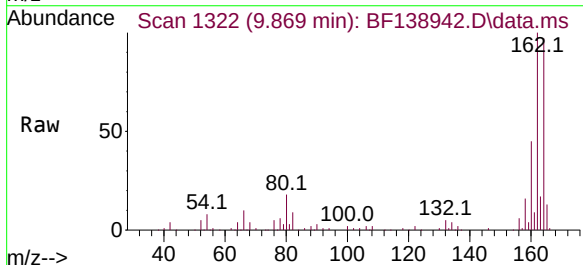
Tgt Ion:164 Resp: 99786

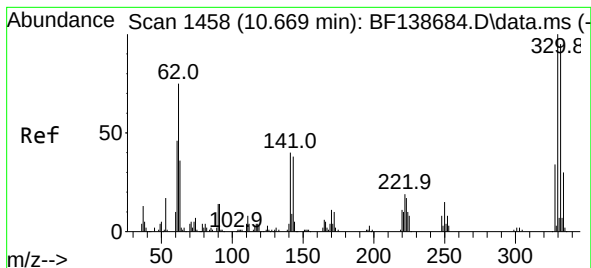
Ion Ratio Lower Upper

164 100

162 102.9 79.4 119.0

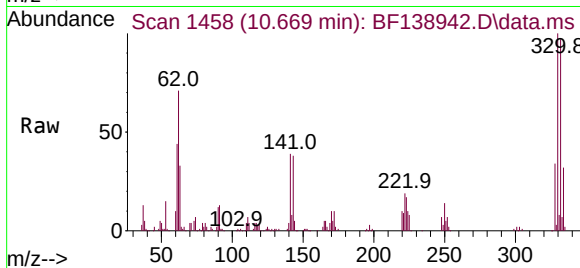
160 46.7 35.1 52.7



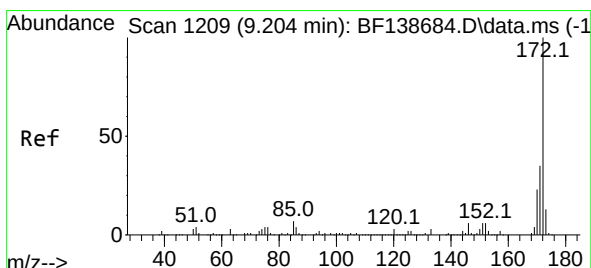
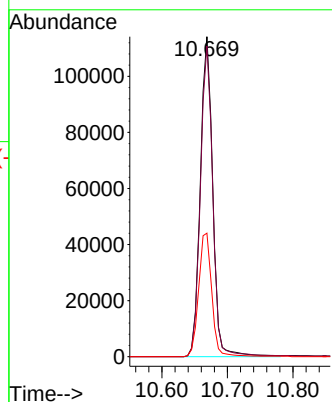
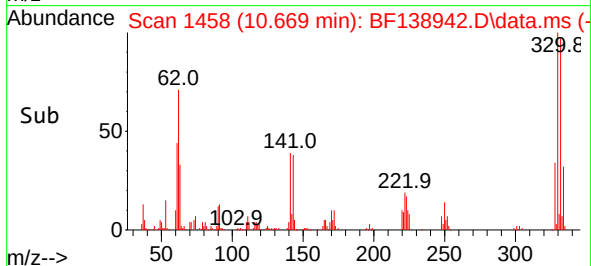


#42
2,4,6-Tribromophenol
Concen: 185.168 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

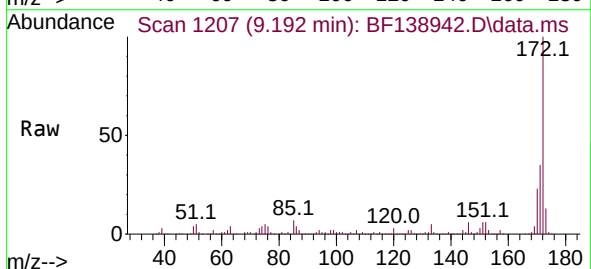
Instrument :
BNA_F
ClientSampleId :
PB162639BL



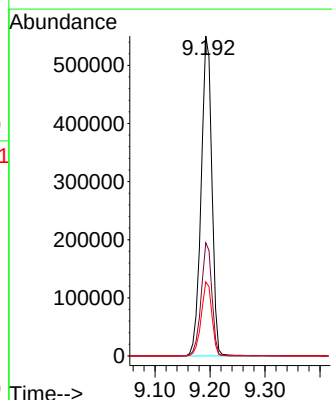
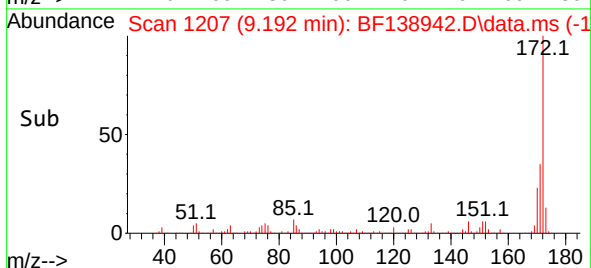
Tgt Ion:330 Resp: 151353
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 40.8 31.1 46.7

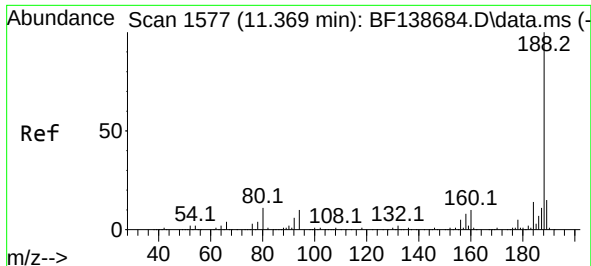


#45
2-Fluorobiphenyl
Concen: 112.647 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28



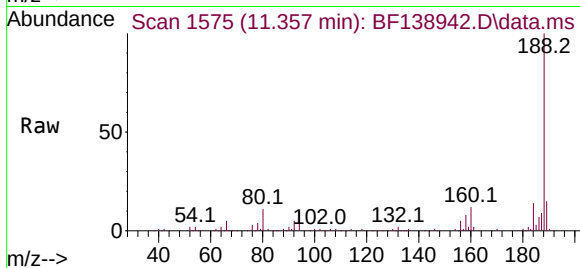
Tgt Ion:172 Resp: 748127
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2



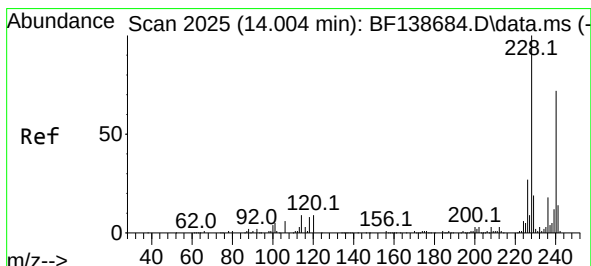
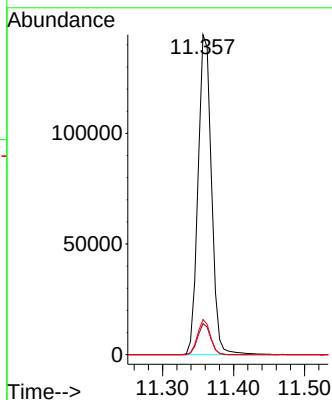
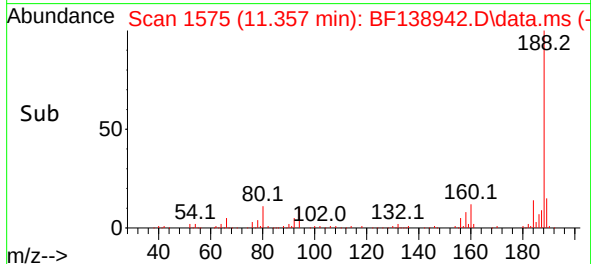


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Instrument :
BNA_F
ClientSampleId :
PB162639BL

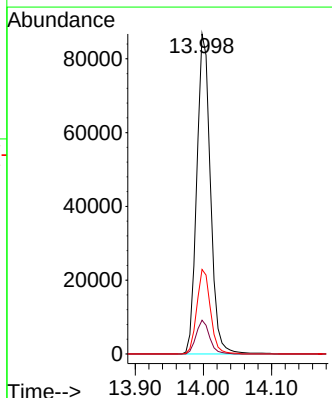
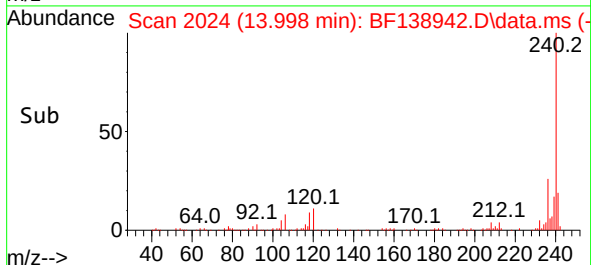
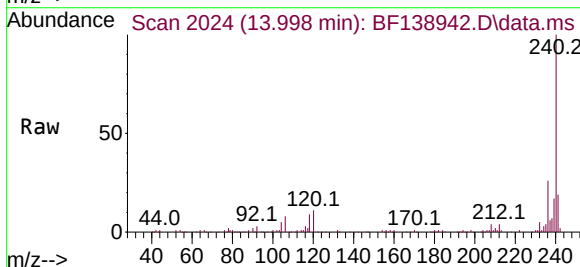


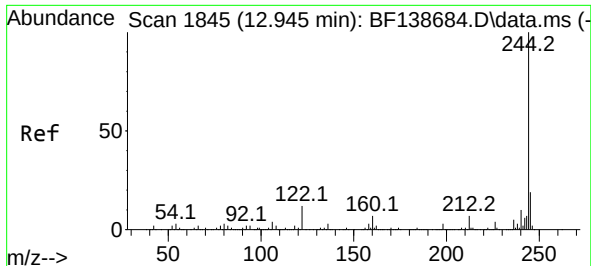
Tgt Ion:188 Resp: 190310
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 11.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

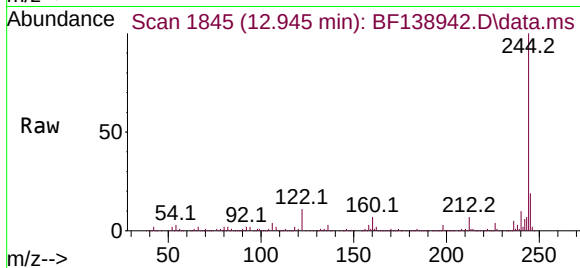
Tgt Ion:240 Resp: 120240
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.4 19.8 29.8



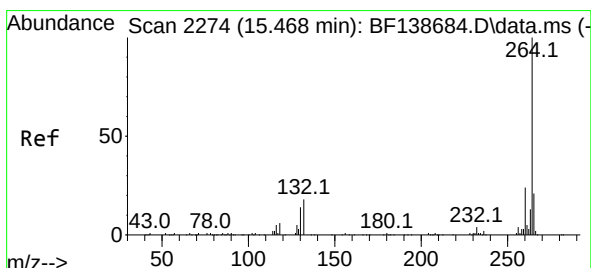
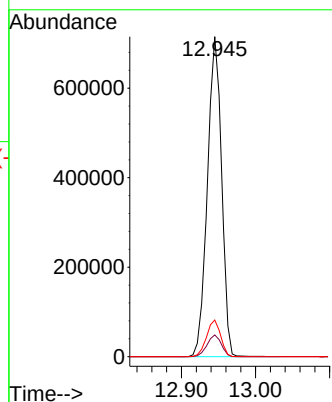
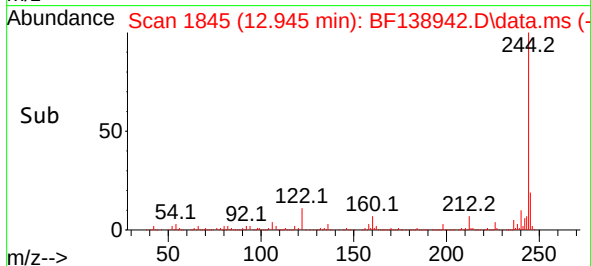


#79
 Terphenyl-d14
 Concen: 132.601 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138942.D
 Acq: 12 Aug 2024 19:28

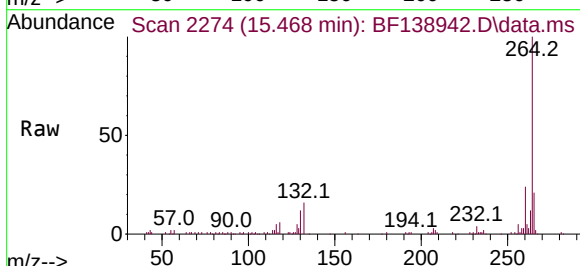
Instrument :
 BNA_F
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 PB162639BL



Tgt Ion:244 Resp: 952293
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138942.D
 Acq: 12 Aug 2024 19:28



Tgt Ion:264 Resp: 85558
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.2 17.0 25.6

