

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138773.D
 Acq On : 03 Aug 2024 16:45
 Operator : RC/JU
 Sample : P3448-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Aug 05 00:52:58 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	6.846	152	48513	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	195354	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	108392	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	196687	20.000	ng	0.00
76) Chrysene-d12	14.004	240	129509	20.000	ng	0.00
86) Perylene-d12	15.474	264	131437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425019	135.238	ng	0.02
7) Phenol-d6	6.493	99	538633	127.655	ng	0.00
23) Nitrobenzene-d5	7.410	82	371986	93.097	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	146023	164.463	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	690409	95.702	ng	0.00
79) Terphenyl-d14	12.951	244	829729	107.266	ng	0.00

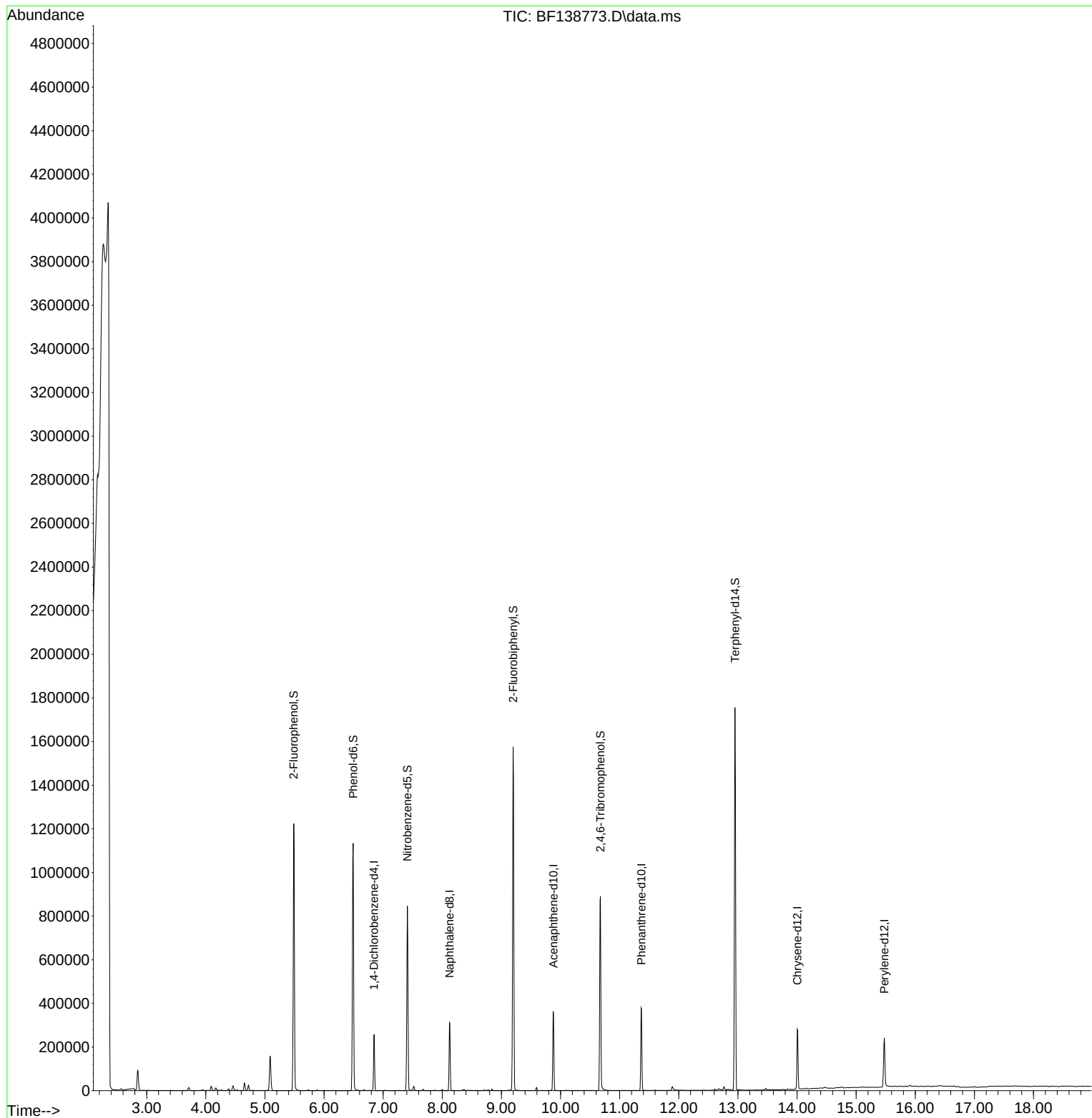
Target Compounds	Qvalue

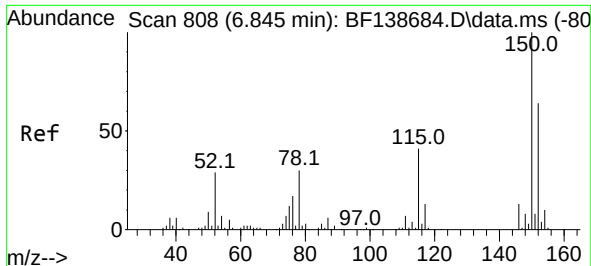
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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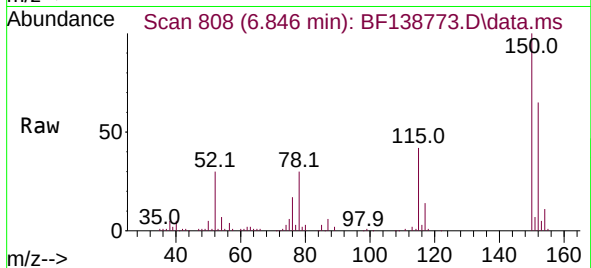
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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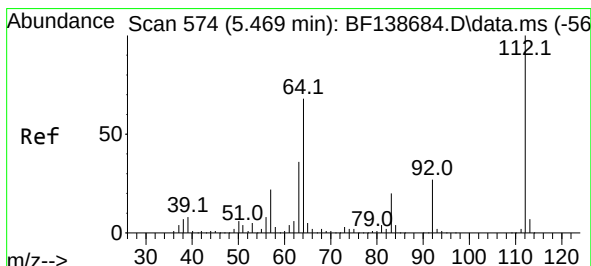
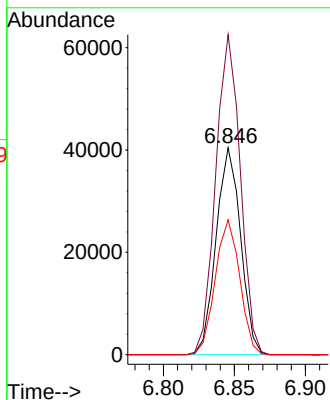
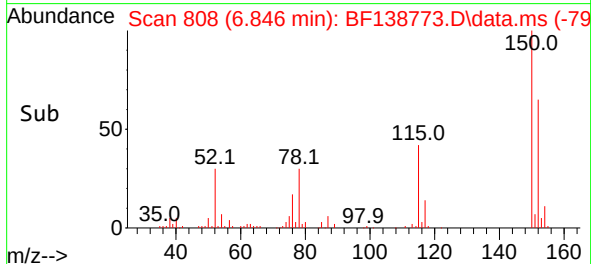


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 808
 Delta R.T. 0.001 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45

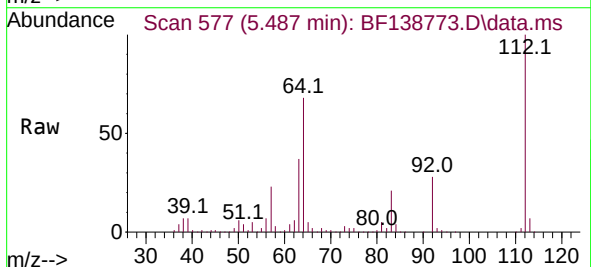
Instrument :
 BNA_F
 ClientSampleId :
 TP3



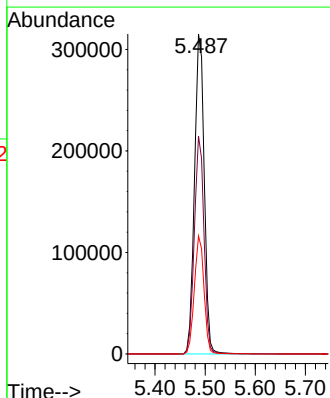
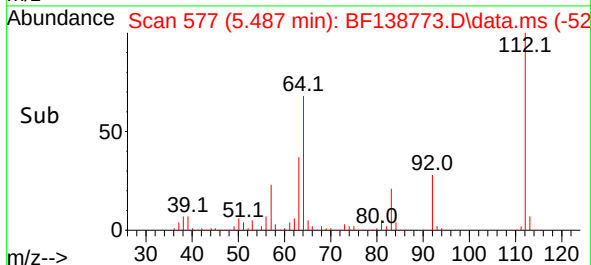
Tgt Ion:152 Resp: 48513
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.0 189.0
 115 65.2 51.7 77.5

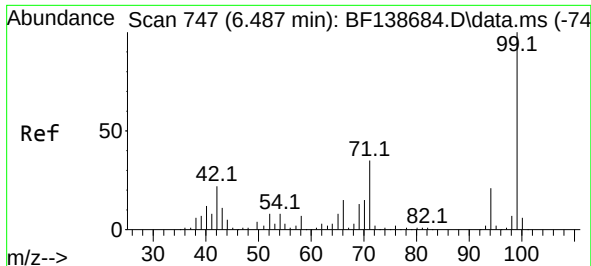


#5
 2-Fluorophenol
 Concen: 135.238 ng
 RT: 5.487 min Scan# 577
 Delta R.T. 0.018 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45



Tgt Ion:112 Resp: 425019
 Ion Ratio Lower Upper
 112 100
 64 68.1 54.2 81.4
 63 36.8 28.7 43.1

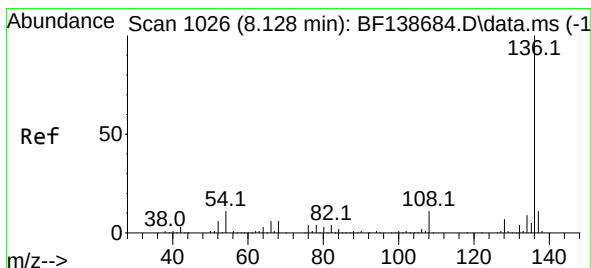
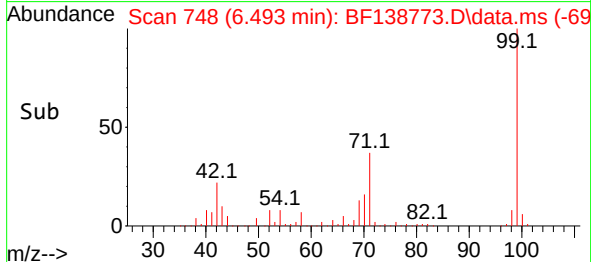
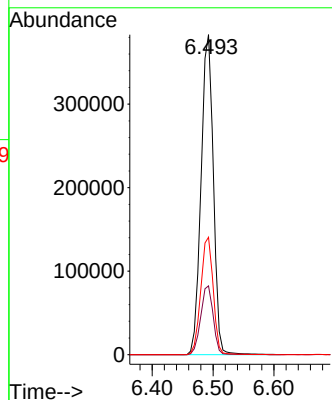
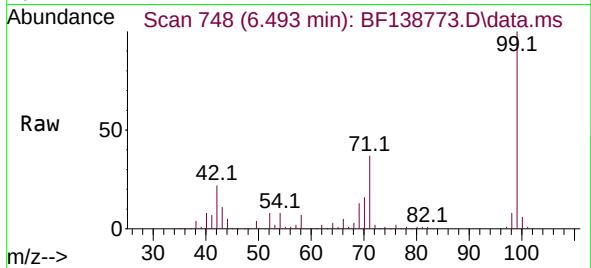




#7
Phenol-d6
Concen: 127.655 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

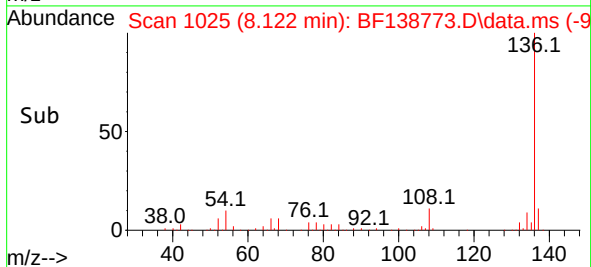
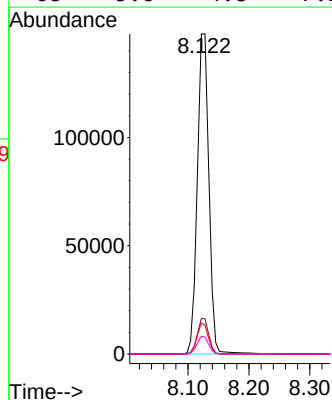
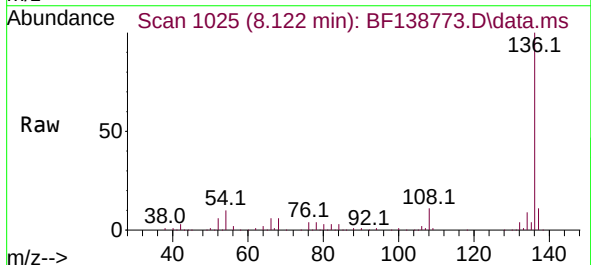
Instrument :
BNA_F
ClientSampleId :
TP3

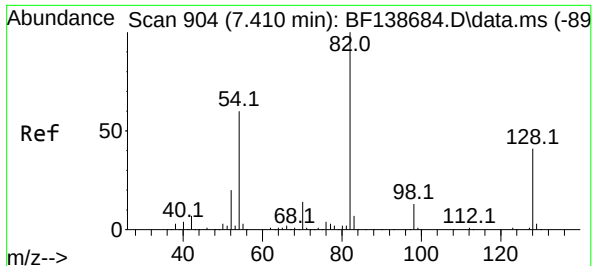
Tgt Ion: 99 Resp: 538633
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 36.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138773.D
Acq: 03 Aug 2024 16:45

Tgt Ion: 136 Resp: 195354
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.7 8.6 12.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.097 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

Instrument :

BNA_F

ClientSampleId :

TP3

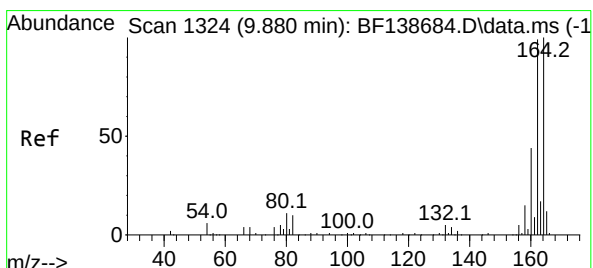
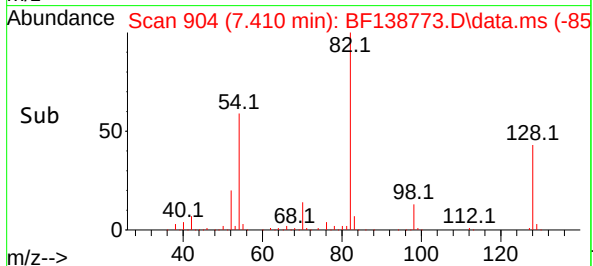
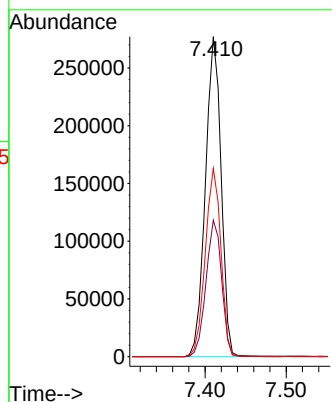
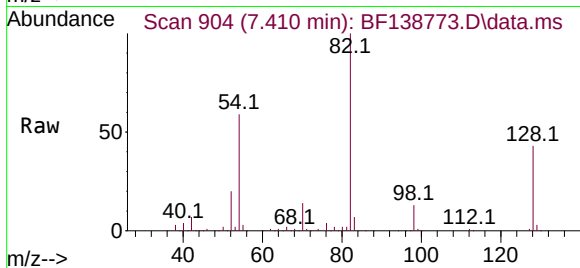
Tgt Ion: 82 Resp: 371986

Ion Ratio Lower Upper

82 100

128 42.7 32.8 49.2

54 58.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

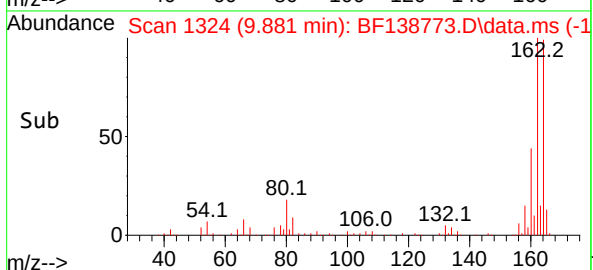
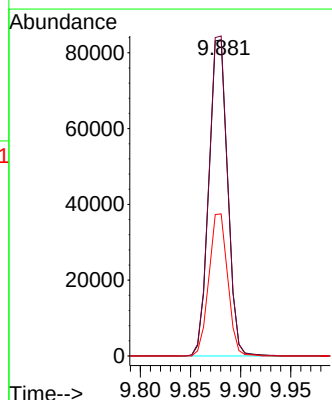
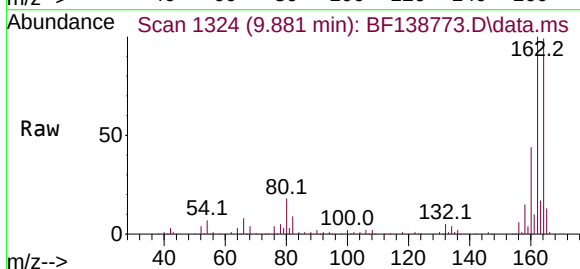
Tgt Ion: 164 Resp: 108392

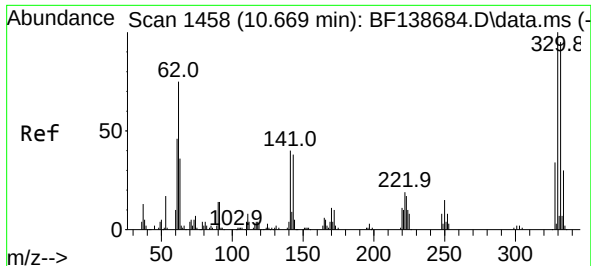
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.0

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 164.463 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

Instrument :

BNA_F

ClientSampleId :

TP3

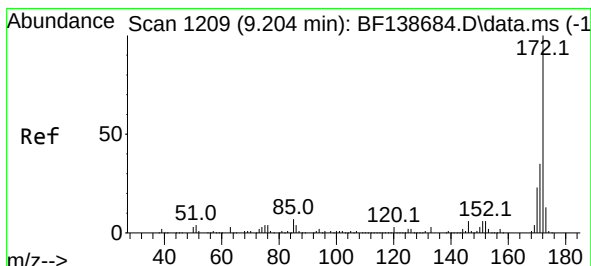
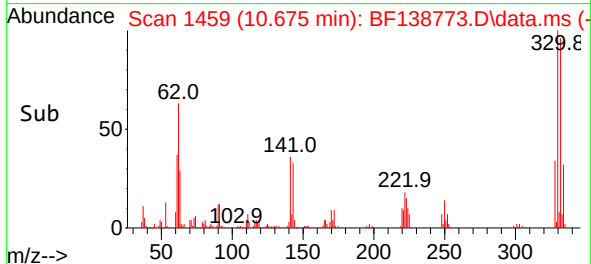
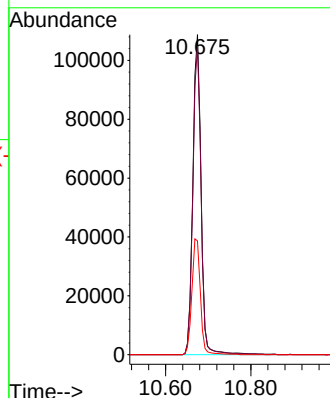
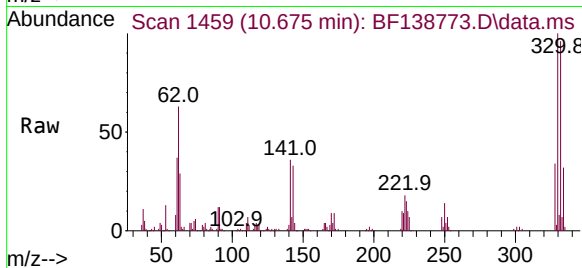
Tgt Ion:330 Resp: 146023

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 37.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 95.702 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

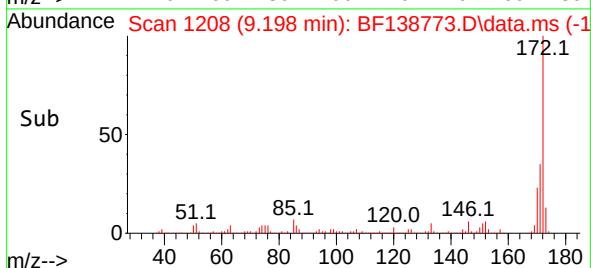
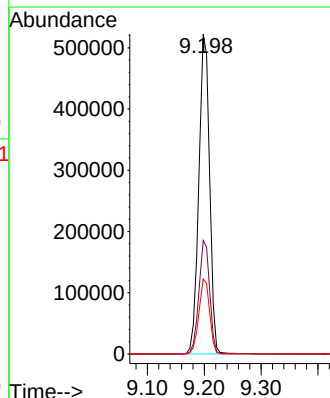
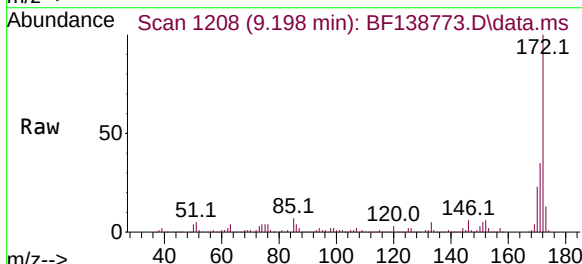
Tgt Ion:172 Resp: 690409

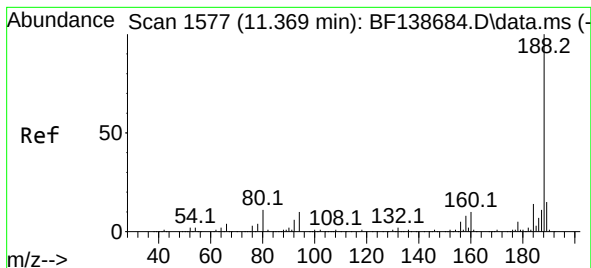
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

Instrument :

BNA_F

ClientSampleId :

TP3

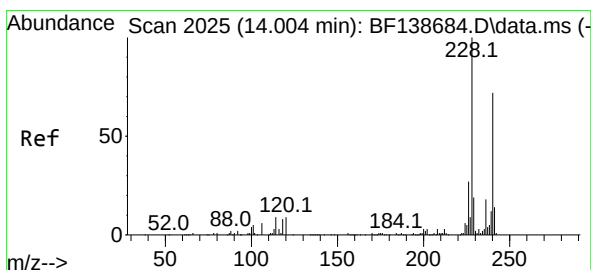
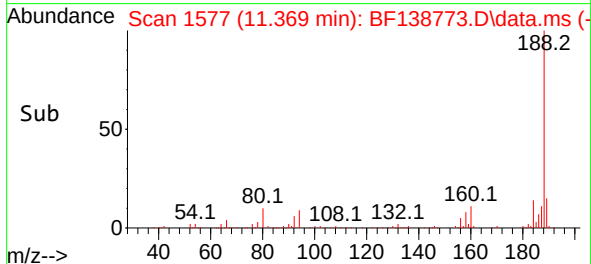
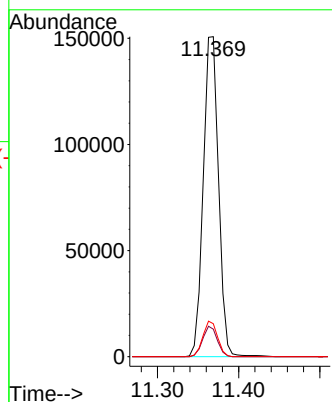
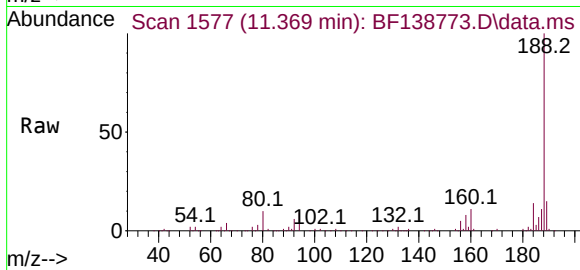
Tgt Ion:188 Resp: 196687

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138773.D

Acq: 03 Aug 2024 16:45

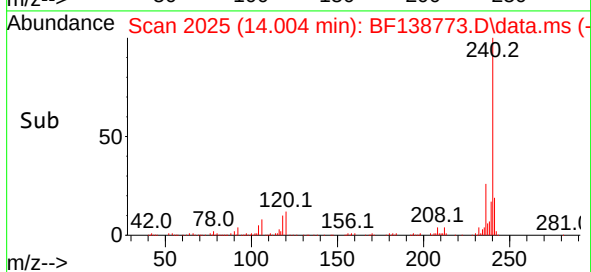
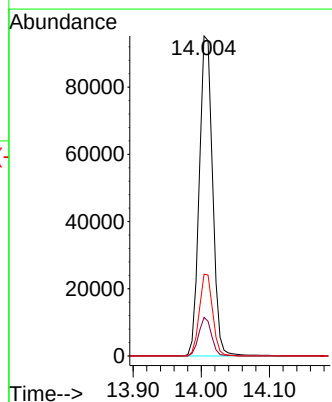
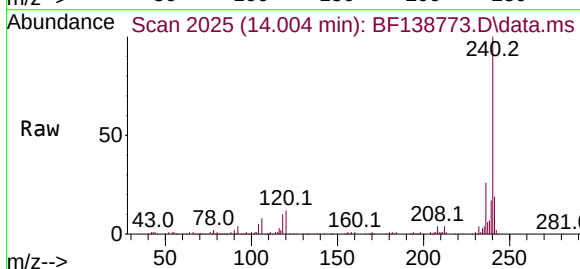
Tgt Ion:240 Resp: 129509

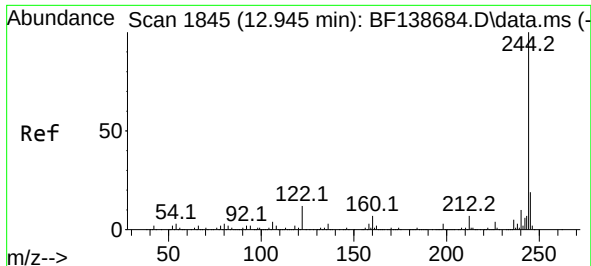
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

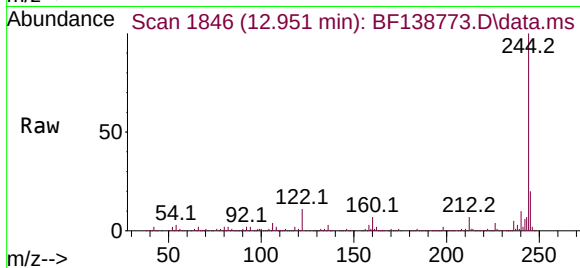
236 25.6 19.8 29.8



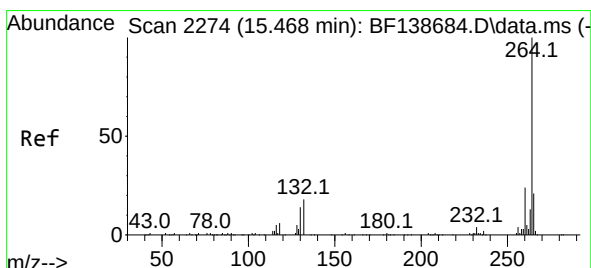
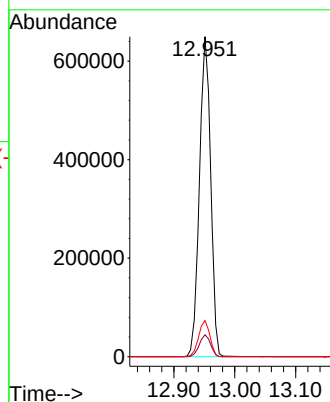
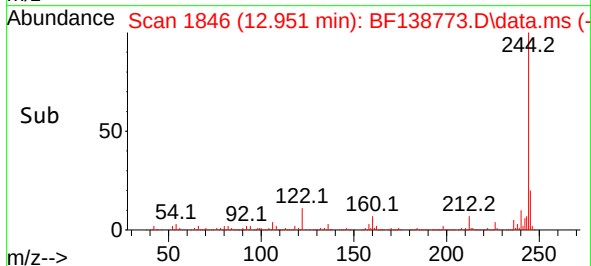


#79
 Terphenyl-d14
 Concen: 107.266 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45

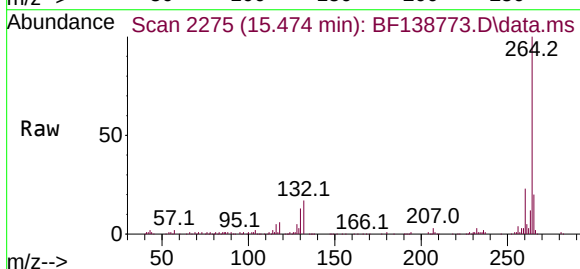
Instrument :
 BNA_F
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Tgt Ion:244 Resp: 829729
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138773.D
 Acq: 03 Aug 2024 16:45



Tgt Ion:264 Resp: 131437
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.5 17.0 25.6

