

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138785.D
 Acq On : 05 Aug 2024 14:51
 Operator : RC/JU
 Sample : P3448-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Quant Time: Aug 05 15:14:38 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	6.845	152	41341	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	167137	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	98775	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	184227	20.000	ng	0.00
76) Chrysene-d12	14.010	240	112526	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	72232	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	425324	158.814	ng	0.02
7) Phenol-d6	6.492	99	546849	152.086	ng	0.00
23) Nitrobenzene-d5	7.410	82	368431	107.774	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	160625	198.523	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	697175	106.049	ng	0.00
79) Terphenyl-d14	12.957	244	863084	128.418	ng	0.01

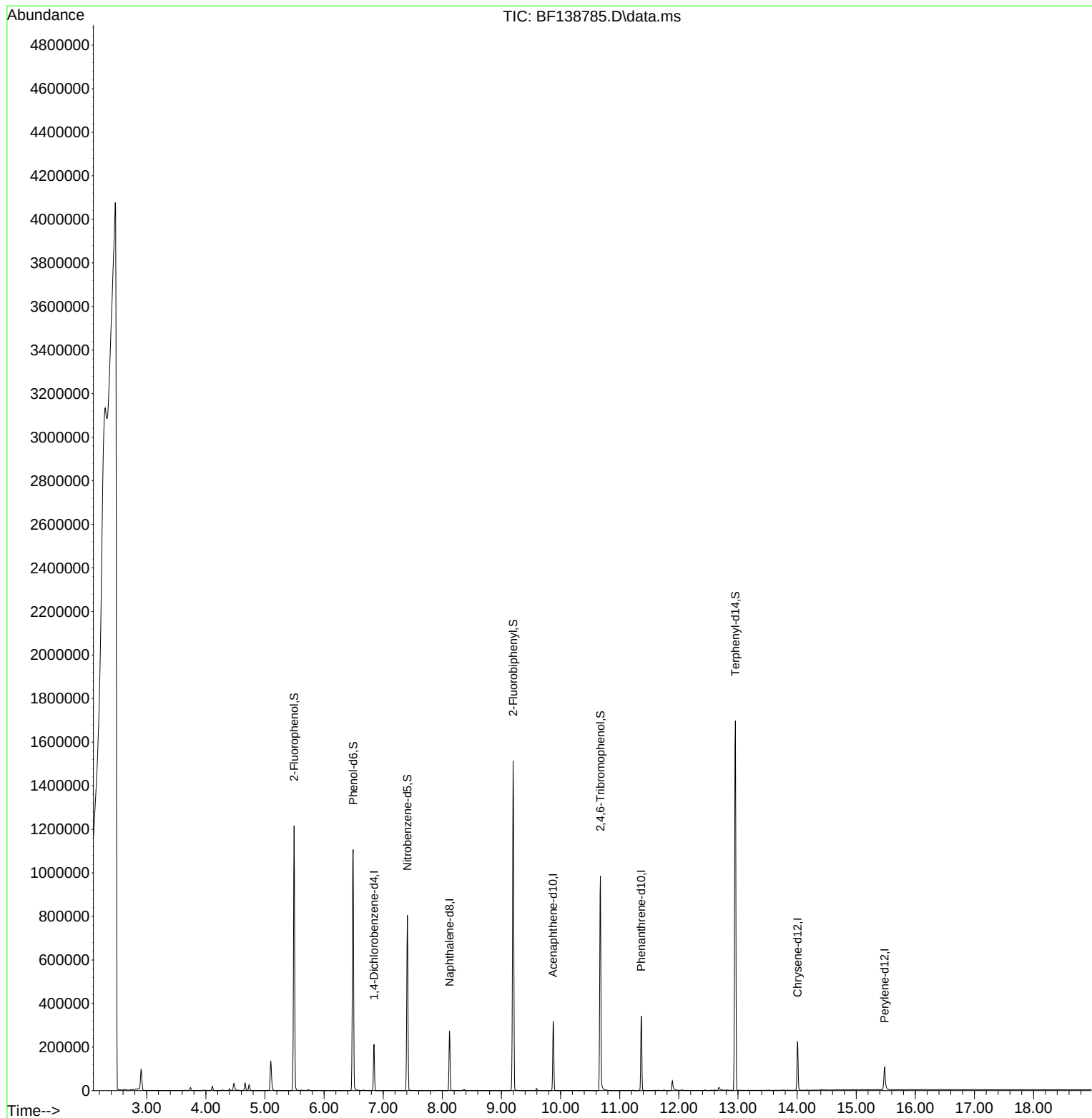
Target Compounds	Qvalue

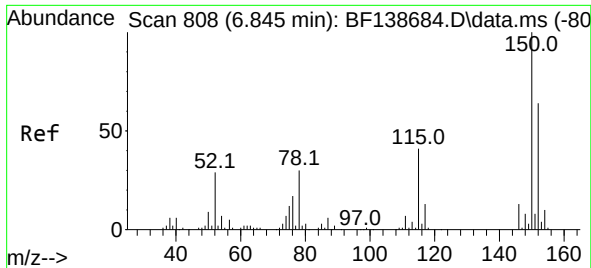
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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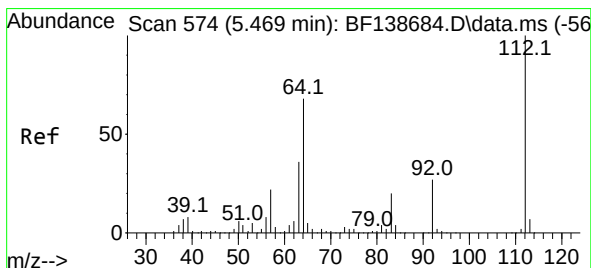
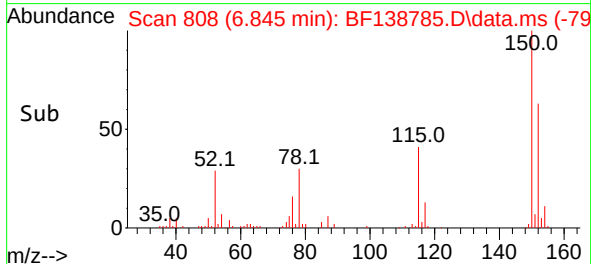
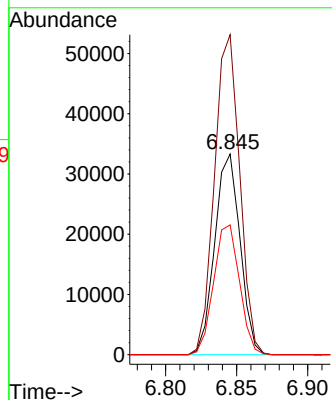
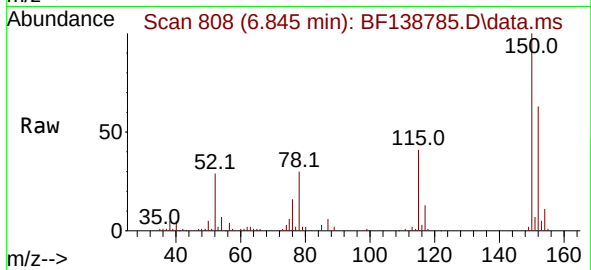




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 808
 Delta R.T. 0.000 min
 Lab File: BF138785.D
 Acq: 05 Aug 2024 14:51

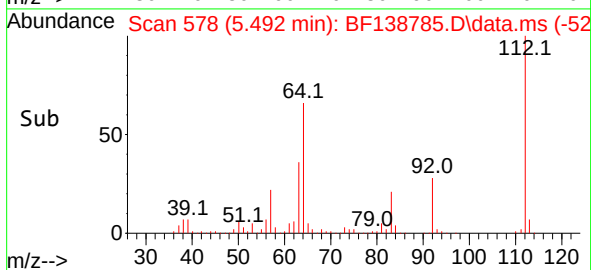
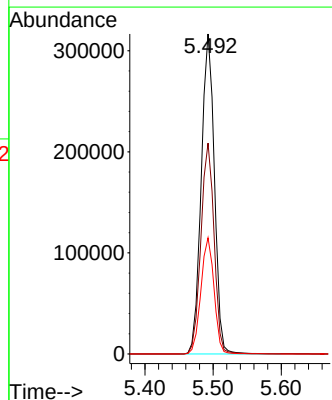
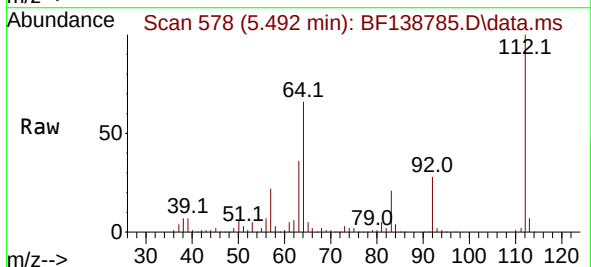
Instrument :
 BNA_F
 ClientSampleId :
 TP6

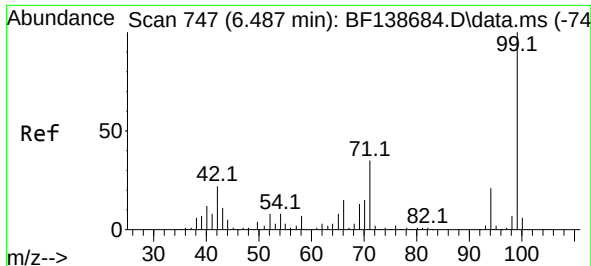
Tgt Ion:152 Resp: 41341
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.0 189.0
 115 64.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 158.814 ng
 RT: 5.492 min Scan# 578
 Delta R.T. 0.023 min
 Lab File: BF138785.D
 Acq: 05 Aug 2024 14:51

Tgt Ion:112 Resp: 425324
 Ion Ratio Lower Upper
 112 100
 64 65.9 54.2 81.4
 63 36.3 28.7 43.1

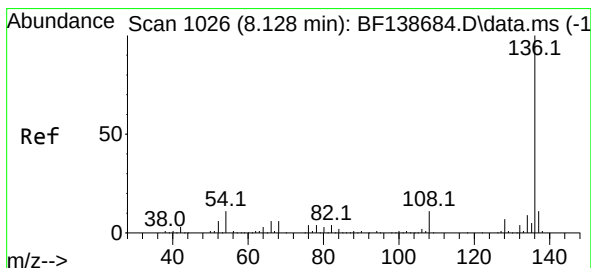
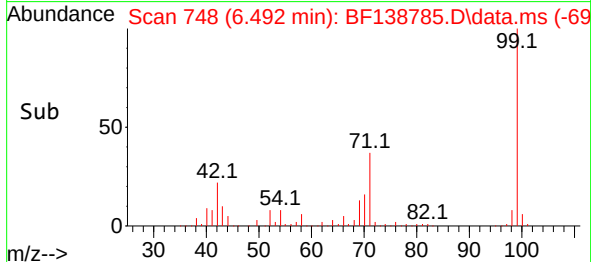
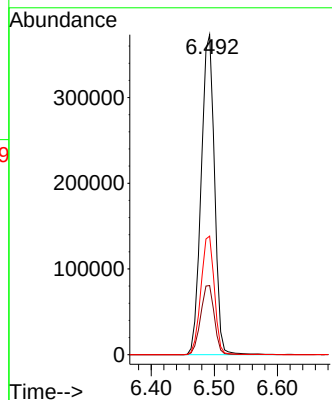
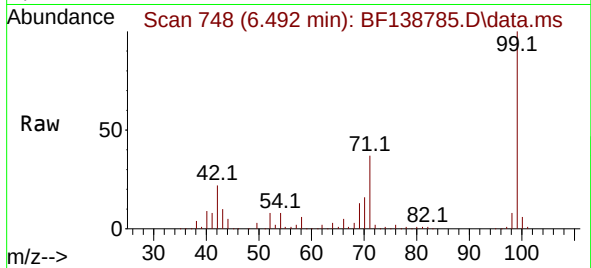




#7
Phenol-d6
Concen: 152.086 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138785.D
Acq: 05 Aug 2024 14:51

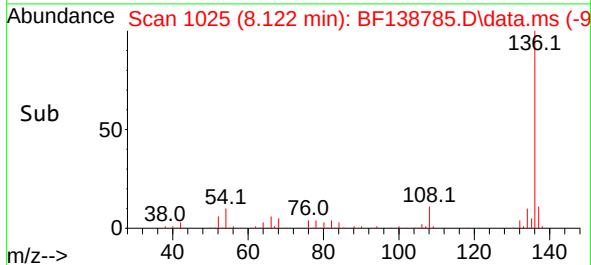
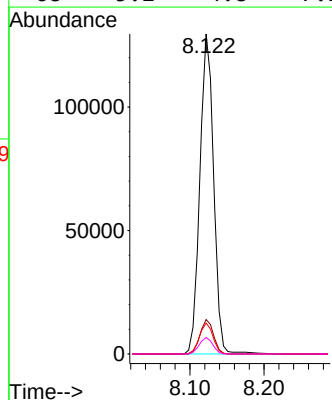
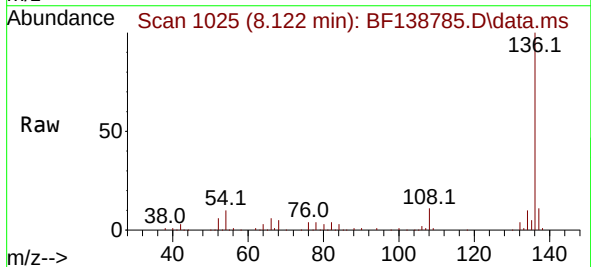
Instrument :
BNA_F
ClientSampleId :
TP6

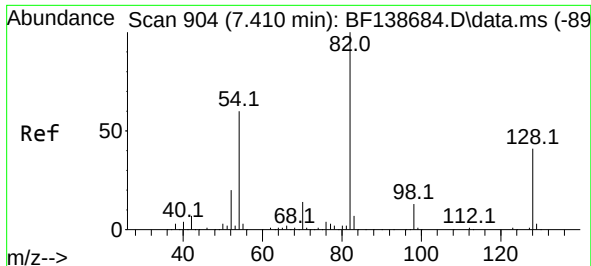
Tgt Ion: 99 Resp: 546849
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.0
71 37.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138785.D
Acq: 05 Aug 2024 14:51

Tgt Ion: 136 Resp: 167137
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.6 8.6 12.8
68 5.2 4.8 7.2

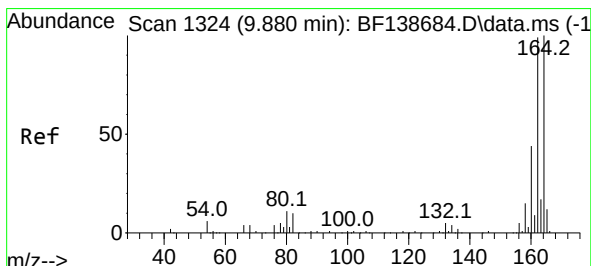
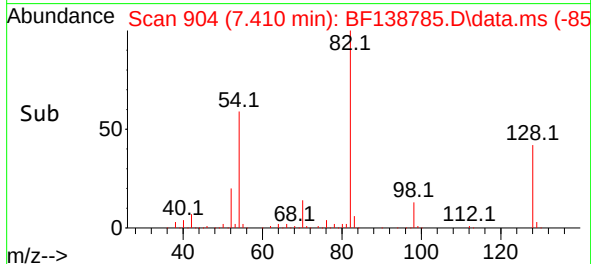
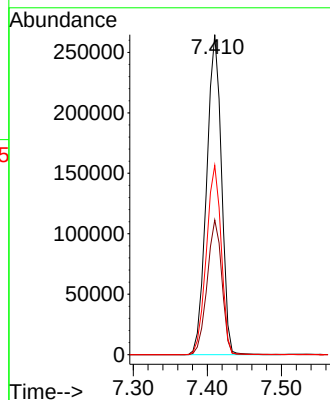
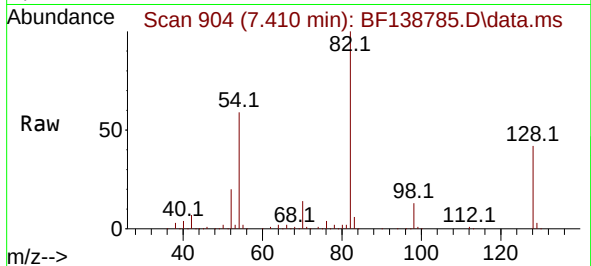




#23
Nitrobenzene-d5
Concen: 107.774 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138785.D
Acq: 05 Aug 2024 14:51

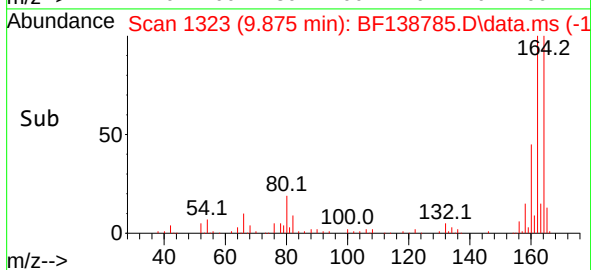
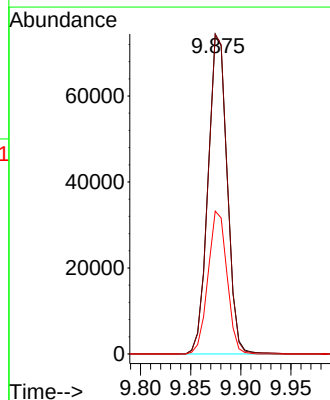
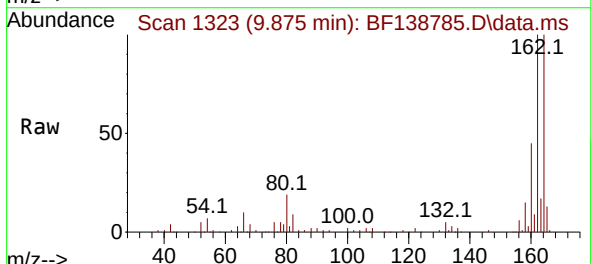
Instrument :
BNA_F
ClientSampleId :
TP6

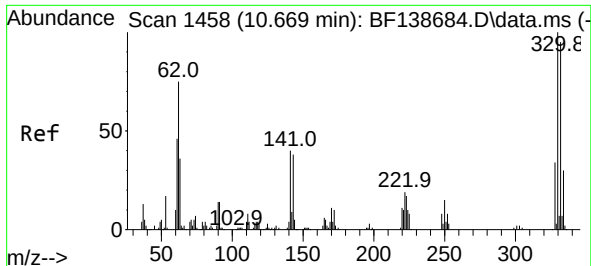
Tgt Ion: 82 Resp: 368431
Ion Ratio Lower Upper
82 100
128 42.1 32.8 49.2
54 59.2 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138785.D
Acq: 05 Aug 2024 14:51

Tgt Ion:164 Resp: 98775
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 198.523 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

Instrument :

BNA_F

ClientSampleId :

TP6

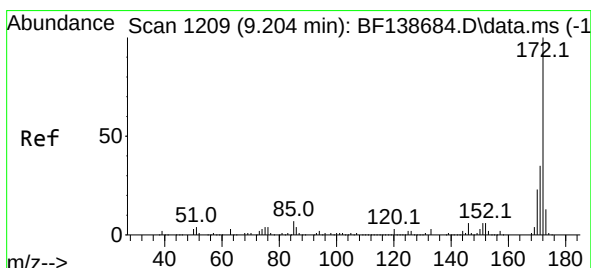
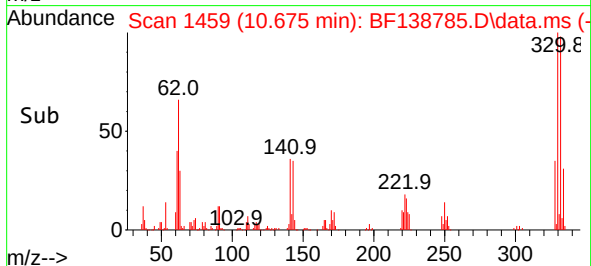
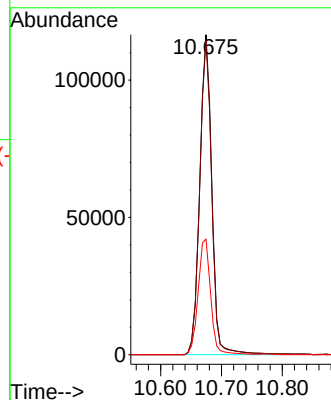
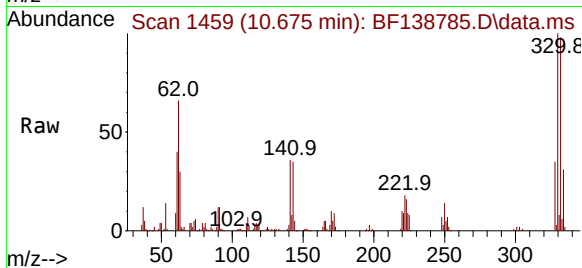
Tgt Ion:330 Resp: 160625

Ion Ratio Lower Upper

330 100

332 98.2 76.4 114.6

141 37.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 106.049 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

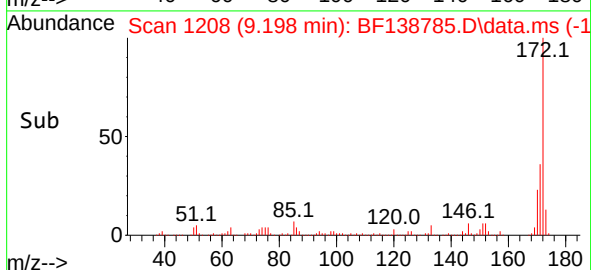
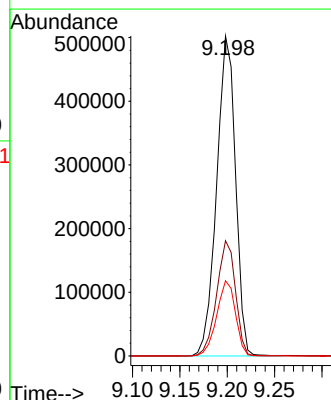
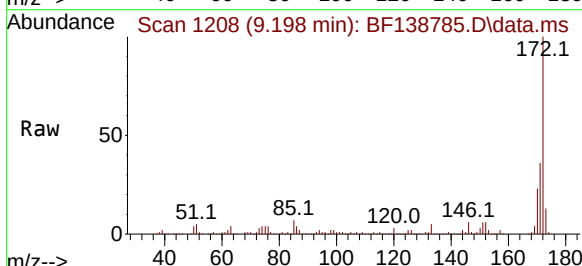
Tgt Ion:172 Resp: 697175

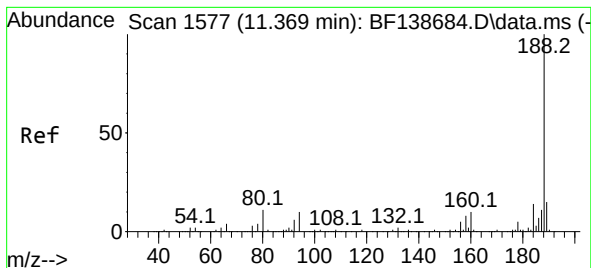
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

Instrument :

BNA_F

ClientSampleId :

TP6

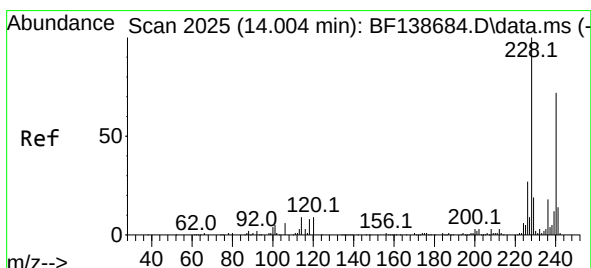
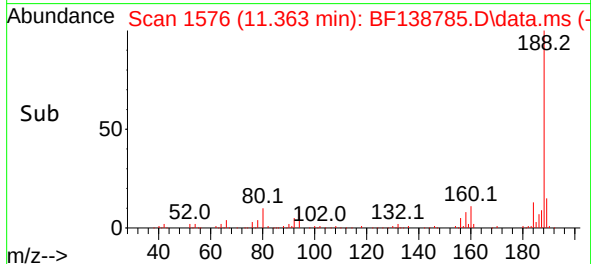
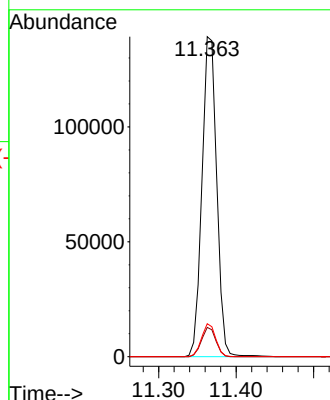
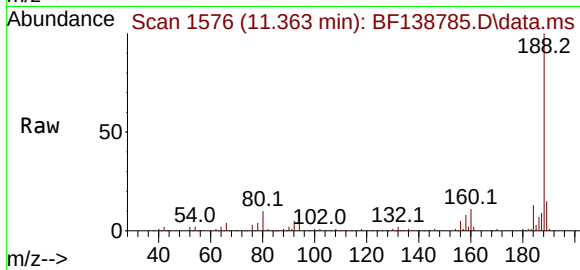
Tgt Ion:188 Resp: 184227

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

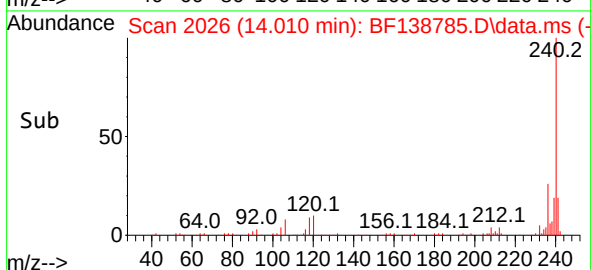
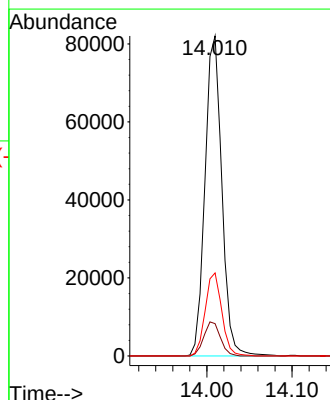
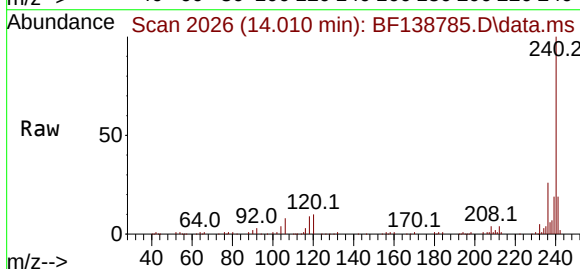
Tgt Ion:240 Resp: 112526

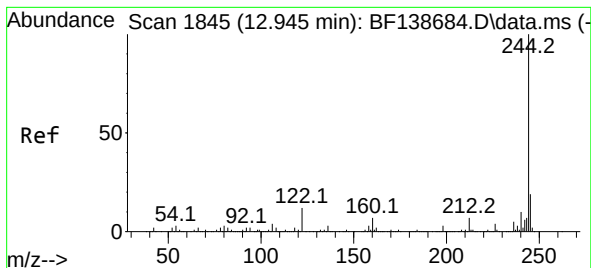
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 128.418 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

Instrument :

BNA_F

ClientSampleId :

TP6

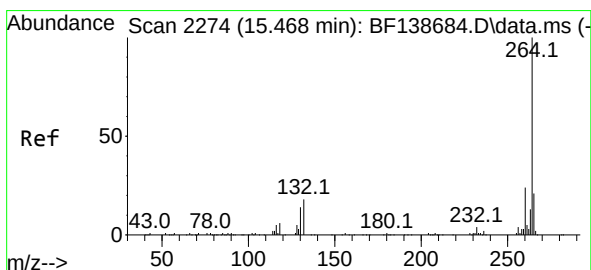
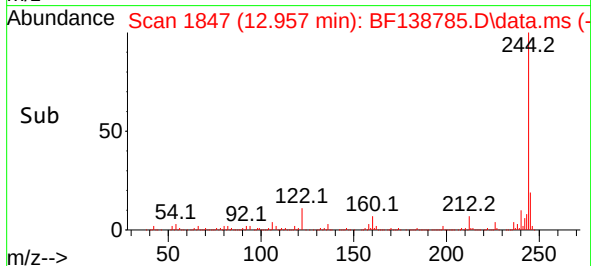
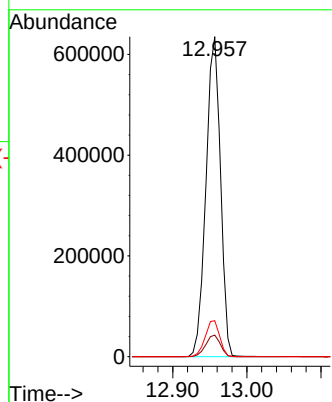
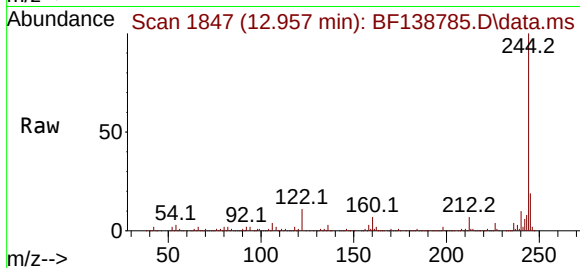
Tgt Ion:244 Resp: 863084

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF138785.D

Acq: 05 Aug 2024 14:51

Tgt Ion:264 Resp: 72232

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.5 17.0 25.6

