

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138975.D
 Acq On : 13 Aug 2024 15:19
 Operator : RC/JU
 Sample : P3519-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624

Quant Time: Aug 13 15:43:51 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	6.840	152	40794	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169183	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	90198	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	137198	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	69101	20.000	ng	0.00
86) Perylene-d12	15.463	264	67539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	370074	140.037	ng	0.01
7) Phenol-d6	6.487	99	495384	139.620	ng	0.00
23) Nitrobenzene-d5	7.404	82	327362	94.603	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	100096	135.477	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	552487	92.032	ng	-0.01
79) Terphenyl-d14	12.939	244	392899	95.197	ng	0.00

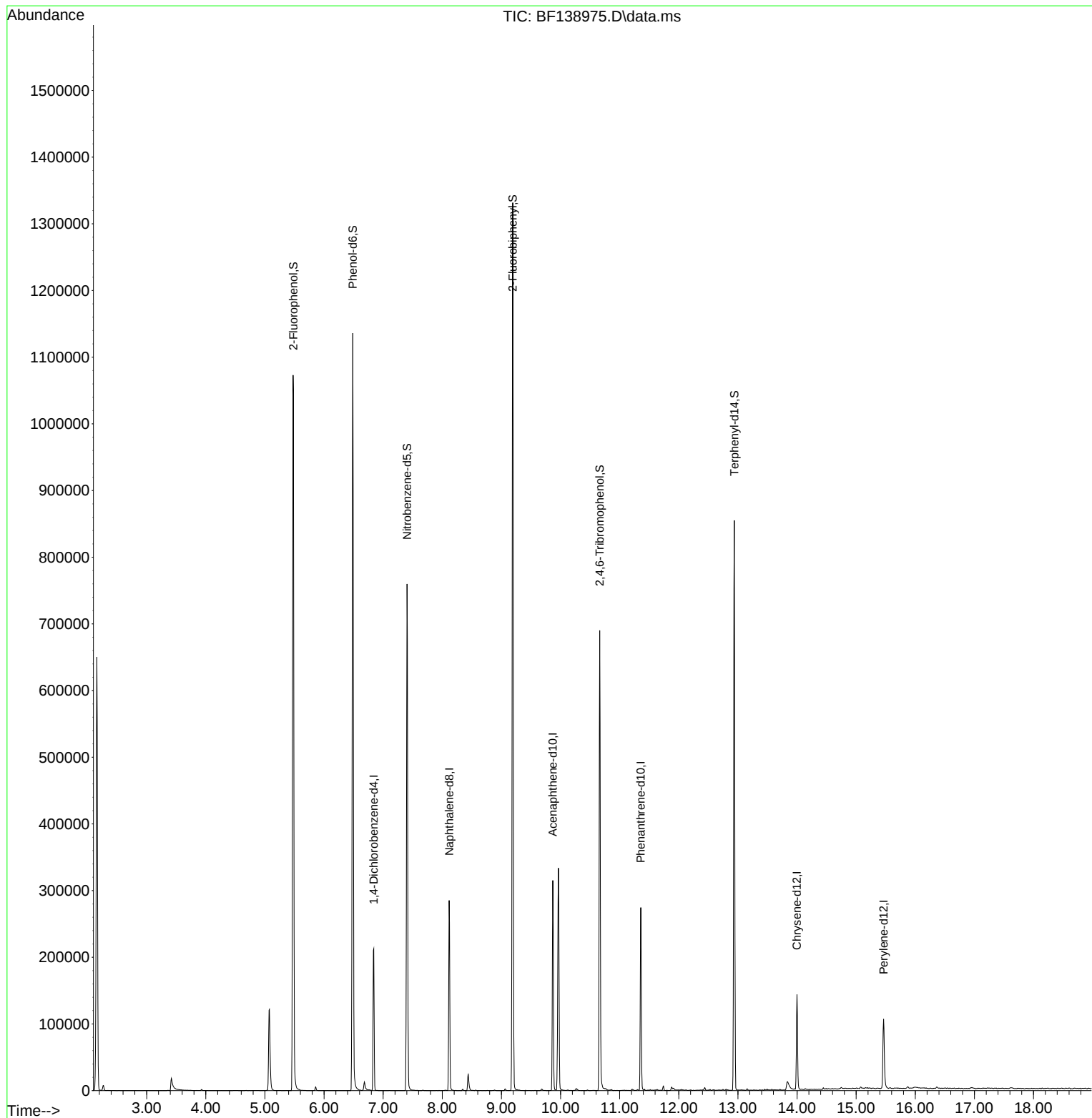
Target Compounds	Qvalue

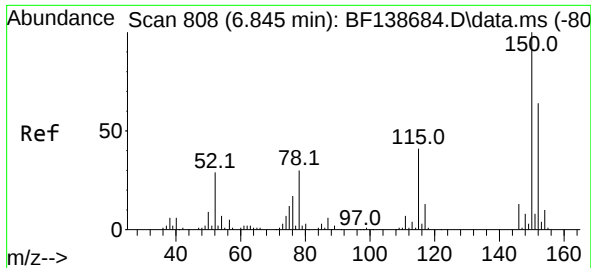
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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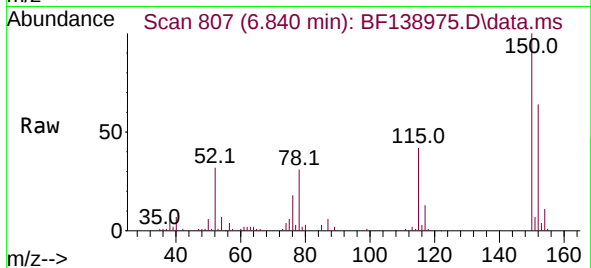
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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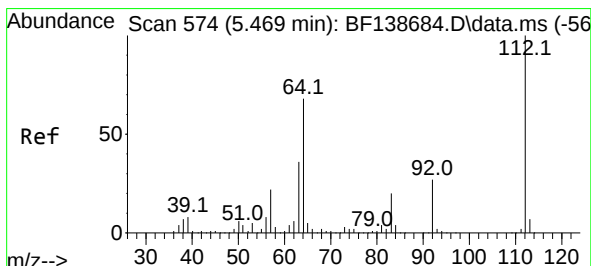
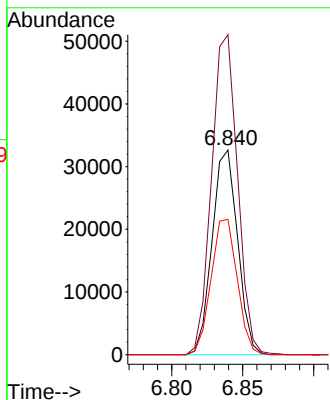
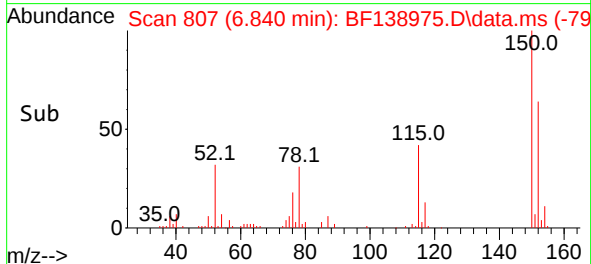


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

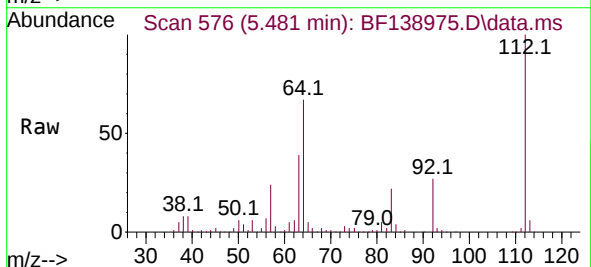
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624



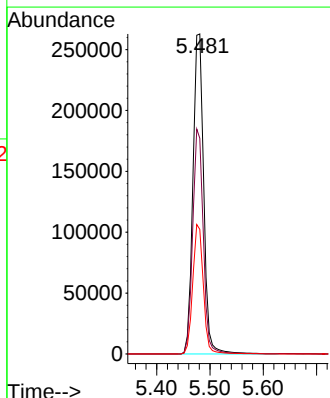
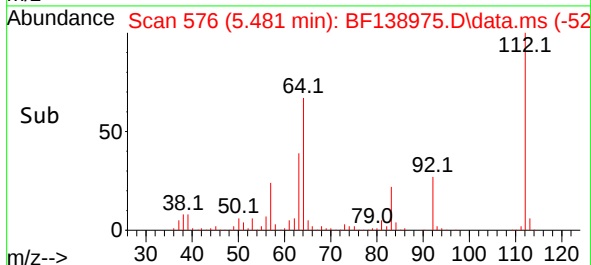
Tgt Ion:152 Resp: 40794
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 66.1 51.7 77.5

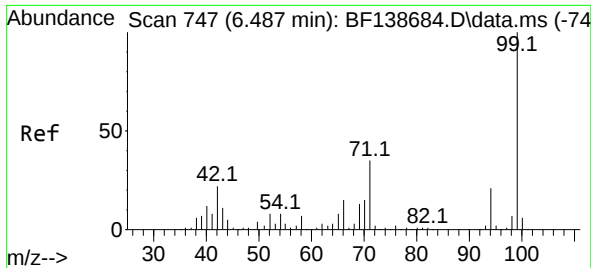


#5
2-Fluorophenol
Concen: 140.037 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19



Tgt Ion:112 Resp: 370074
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.9 28.7 43.1

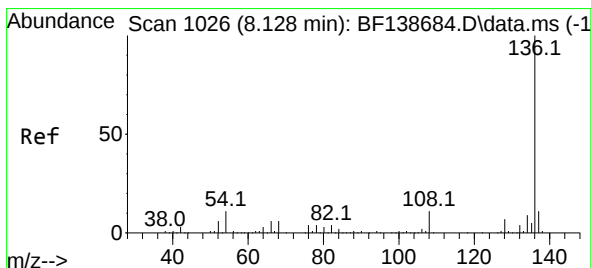
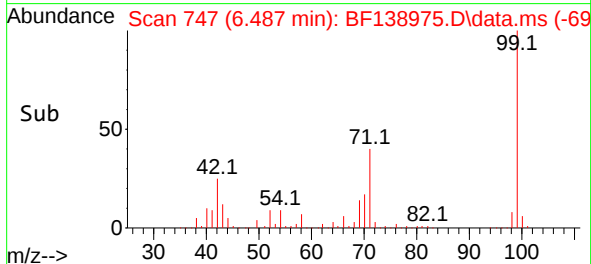
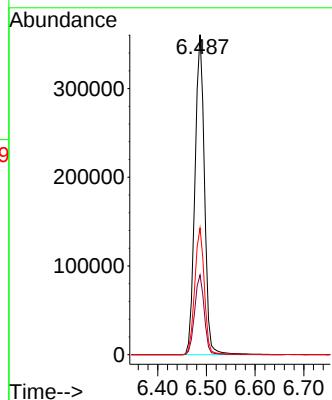
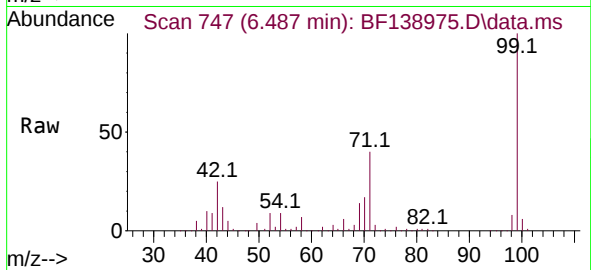




#7
Phenol-d6
Concen: 139.620 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

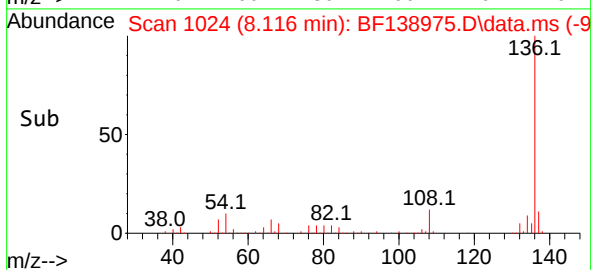
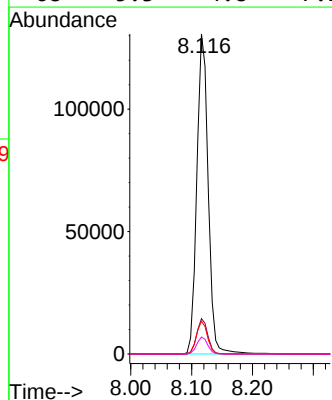
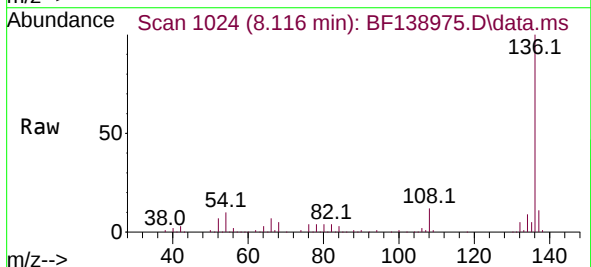
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

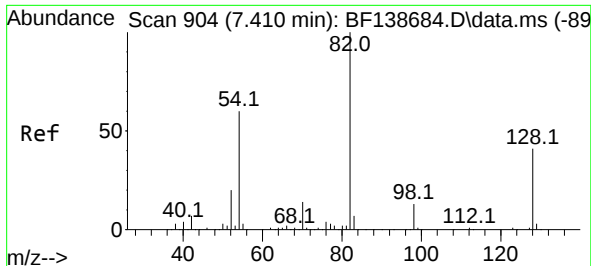
Tgt Ion: 99 Resp: 495384
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion: 136 Resp: 169183
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.603 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138975.D

Acq: 13 Aug 2024 15:19

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624

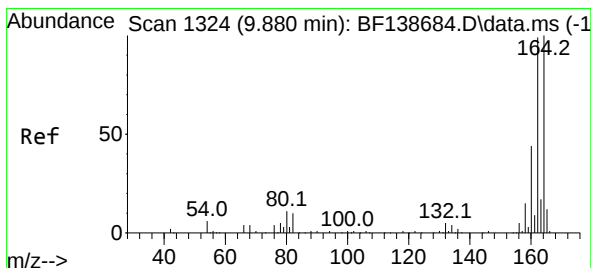
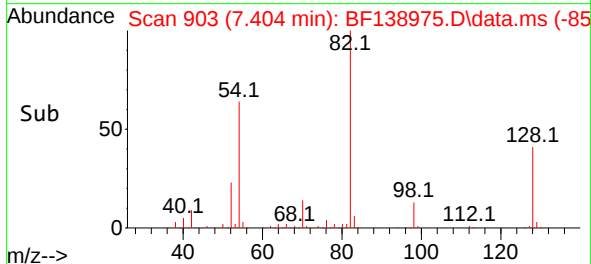
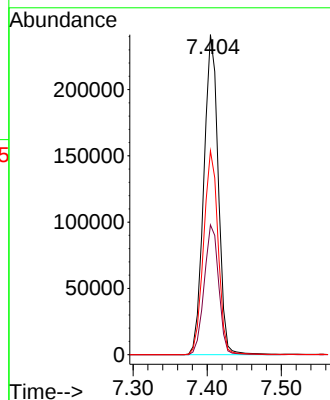
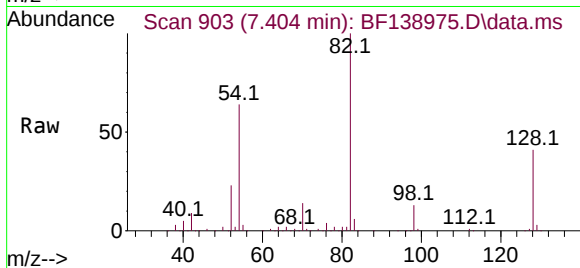
Tgt Ion: 82 Resp: 327362

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 63.7 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: BF138975.D

Acq: 13 Aug 2024 15:19

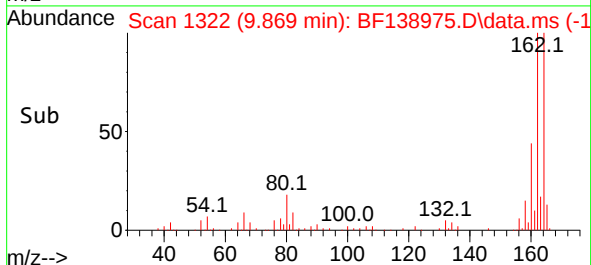
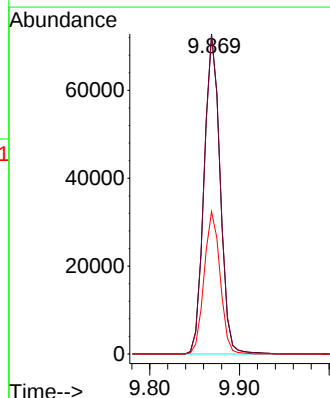
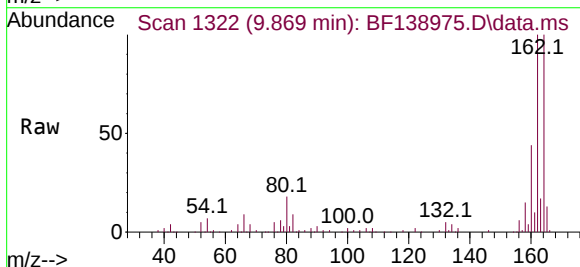
Tgt Ion:164 Resp: 90198

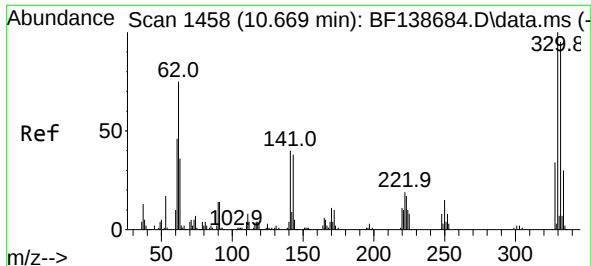
Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 135.477 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138975.D

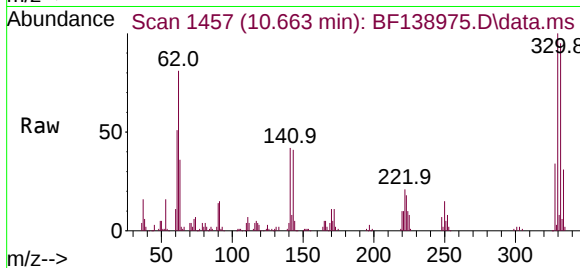
Acq: 13 Aug 2024 15:19

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624



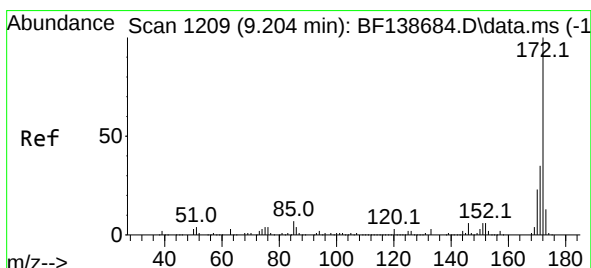
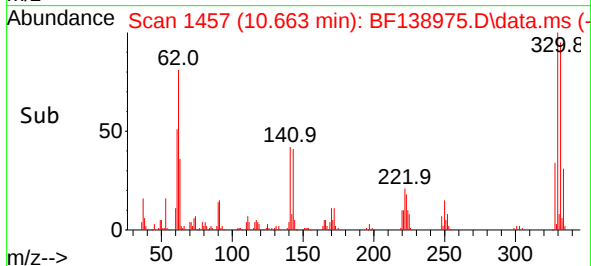
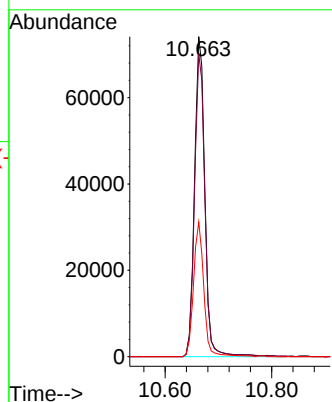
Tgt Ion:330 Resp: 100096

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 41.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.032 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138975.D

Acq: 13 Aug 2024 15:19

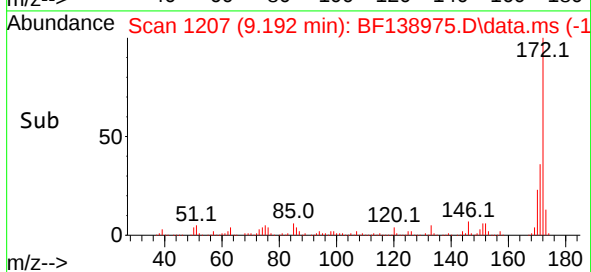
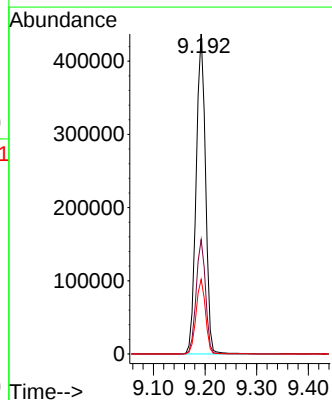
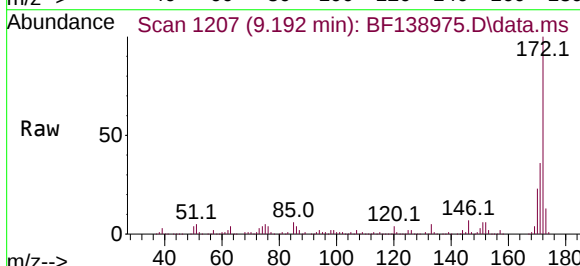
Tgt Ion:172 Resp: 552487

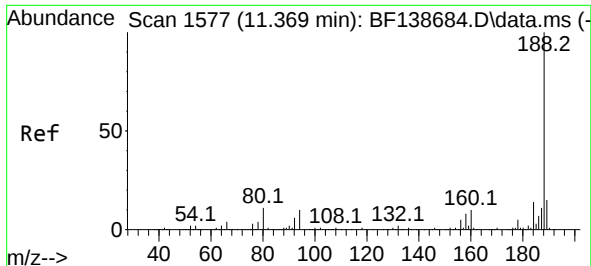
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.3 18.8 28.2

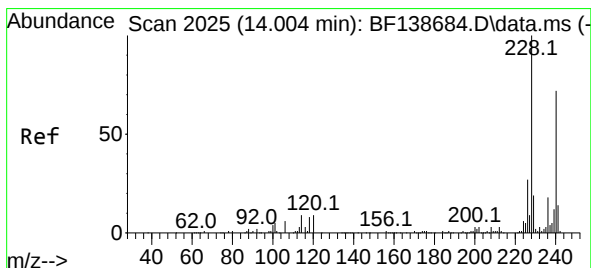
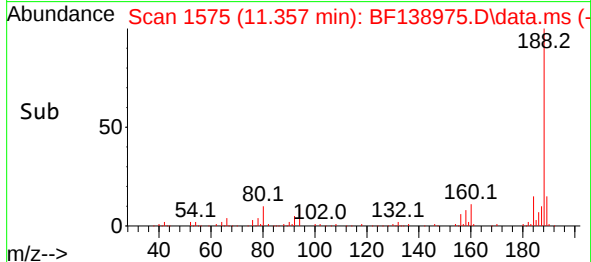
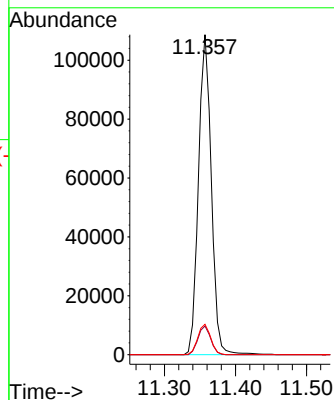
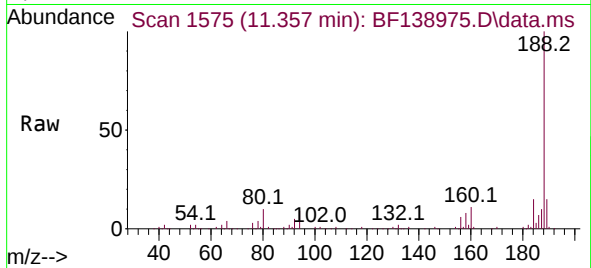




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

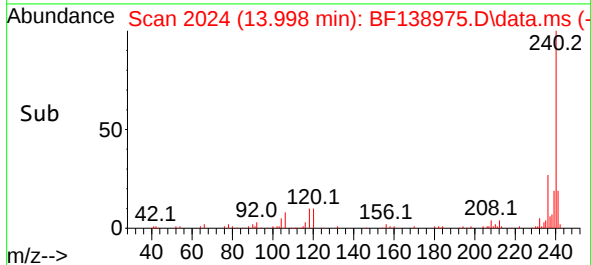
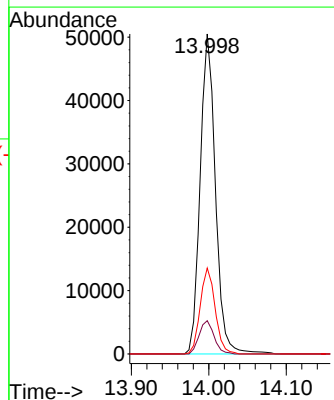
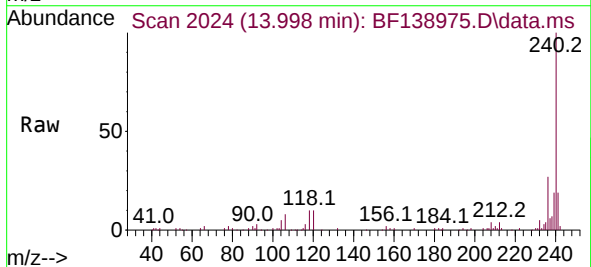
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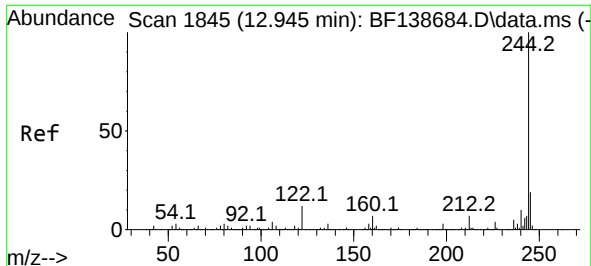
Tgt Ion:188 Resp: 137198
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

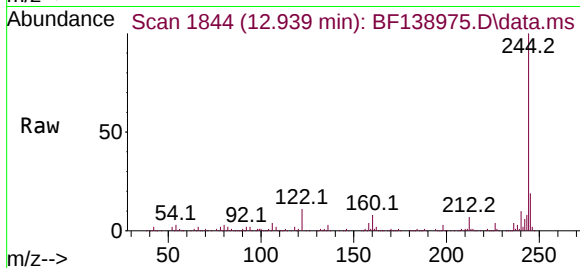
Tgt Ion:240 Resp: 69101
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 26.9 19.8 29.8



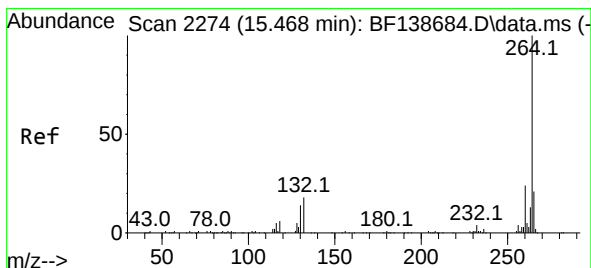
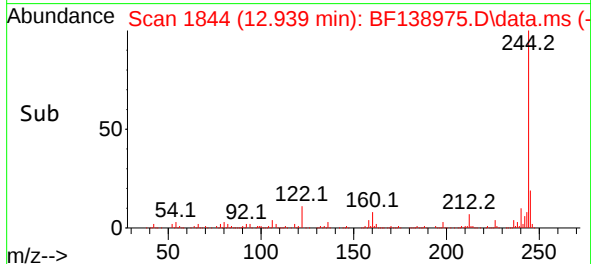
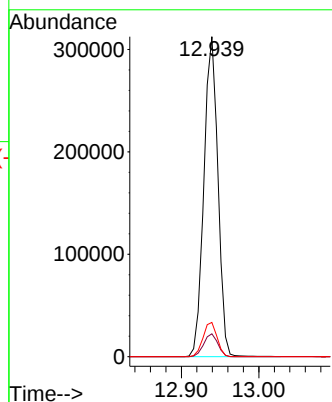


#79
Terphenyl-d14
Concen: 95.197 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Instrument :
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ClientSampleId :
OU4-CF-01-080624



Tgt Ion:244 Resp: 392899
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.7 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion:264 Resp: 67539
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.1 17.0 25.6

