

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138821.D
 Acq On : 06 Aug 2024 22:54
 Operator : RC/JU
 Sample : P3459-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-383-398

Quant Time: Aug 07 01:06:25 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	45596	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	188123	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	106190	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	187948	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	88684	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	89276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	232965	78.870	ng	0.00
7) Phenol-d6	6.481	99	196676	49.594	ng	0.00
23) Nitrobenzene-d5	7.404	82	334265	86.872	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124990	143.693	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	624928	88.422	ng	-0.01
79) Terphenyl-d14	12.945	244	634972	119.877	ng	0.00

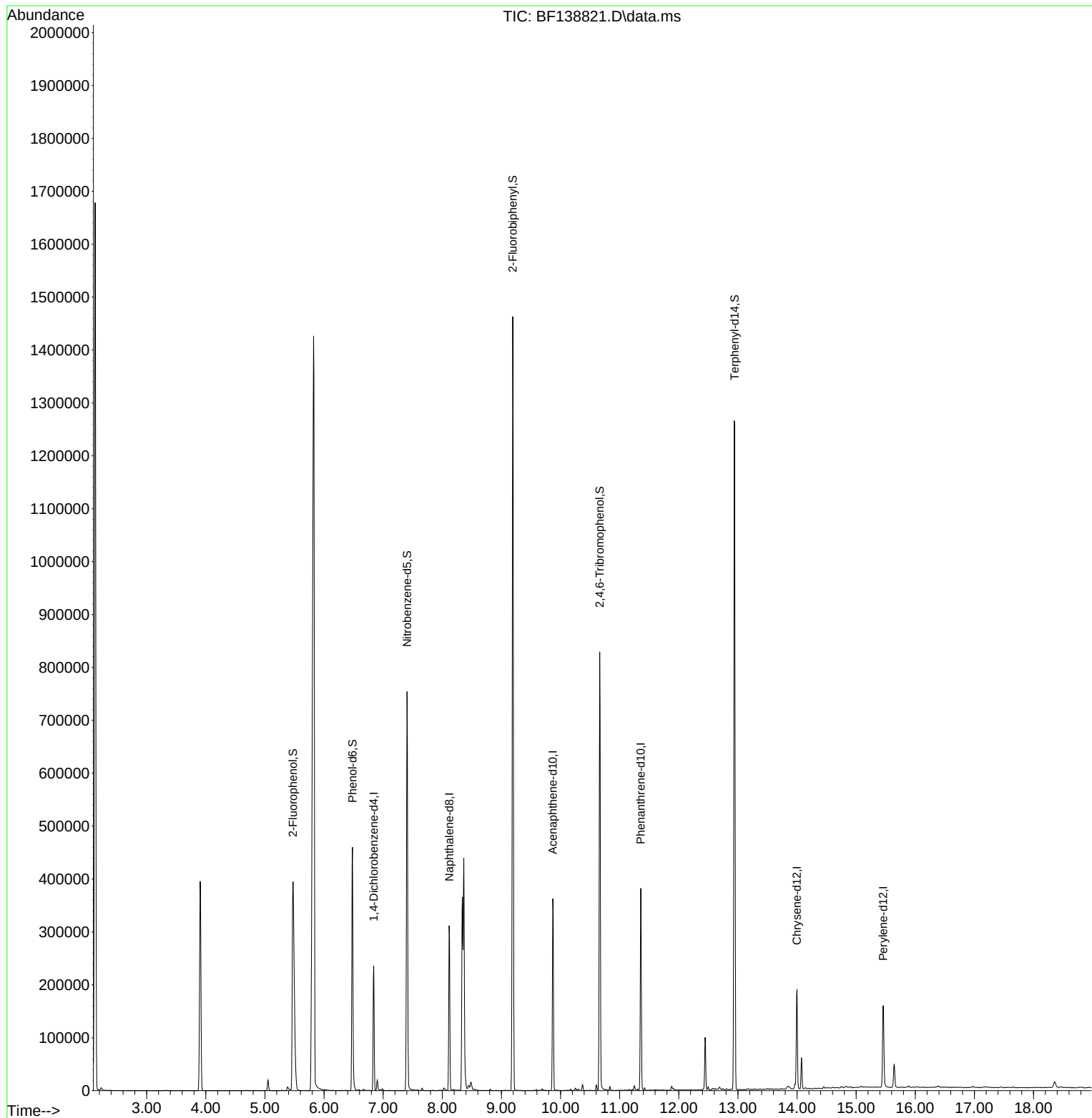
Target Compounds	Qvalue

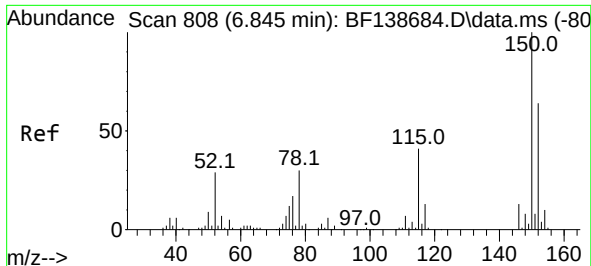
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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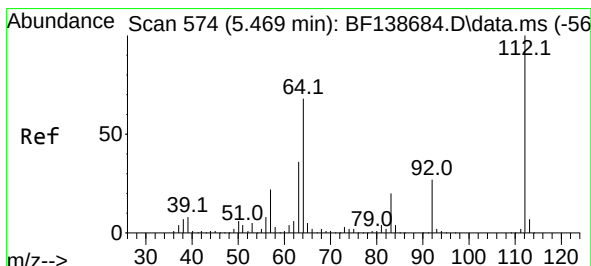
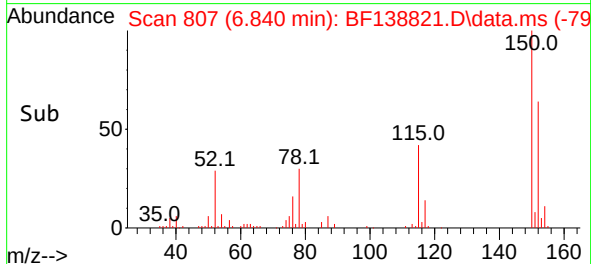
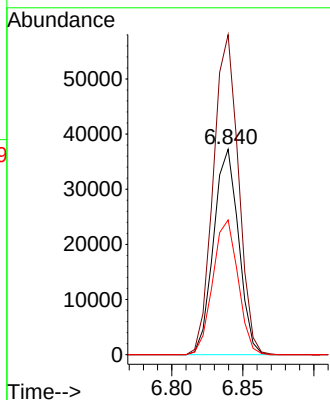
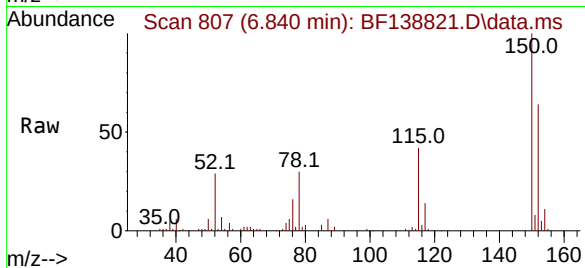




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

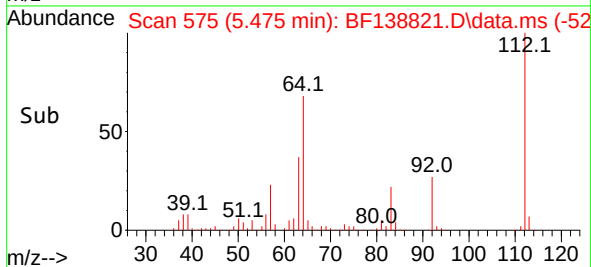
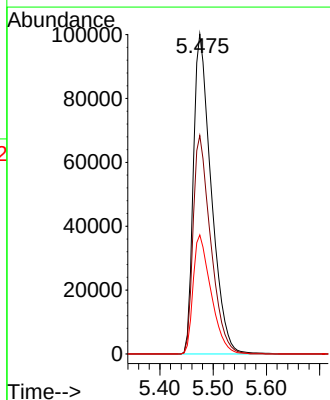
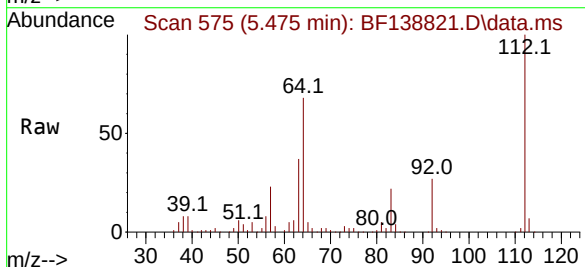
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

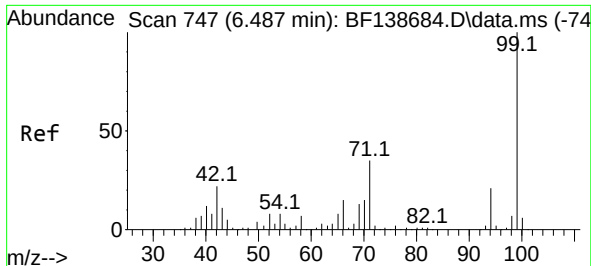
Tgt Ion:152 Resp: 45596
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 65.5 51.7 77.5



#5
2-Fluorophenol
Concen: 78.870 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion:112 Resp: 232965
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.2 28.7 43.1

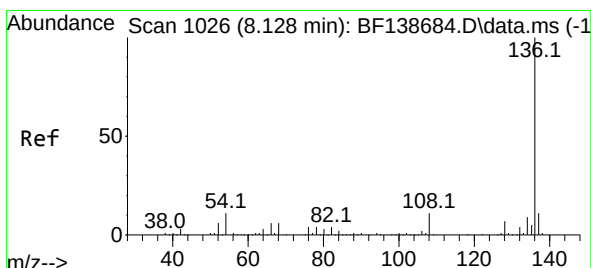
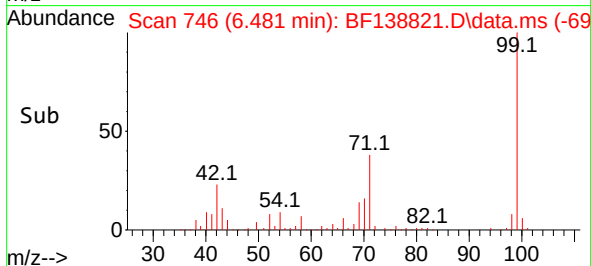
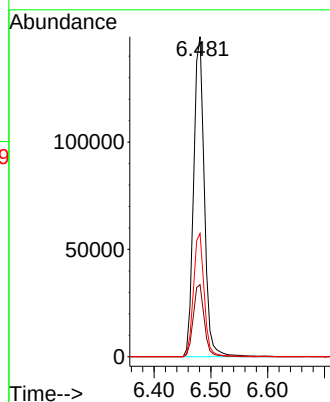
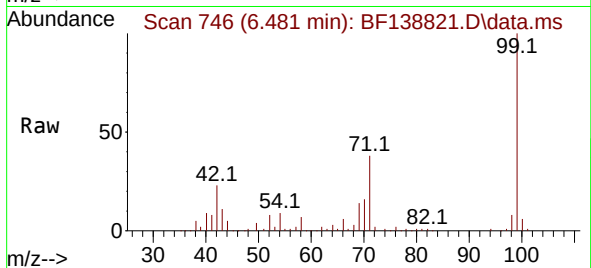




#7
Phenol-d6
Concen: 49.594 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

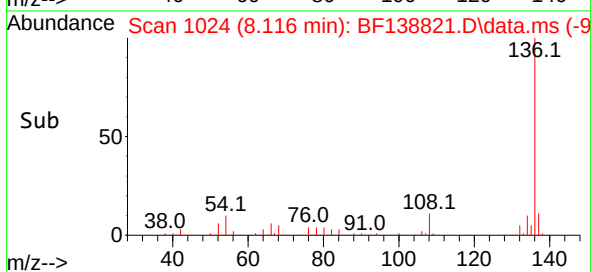
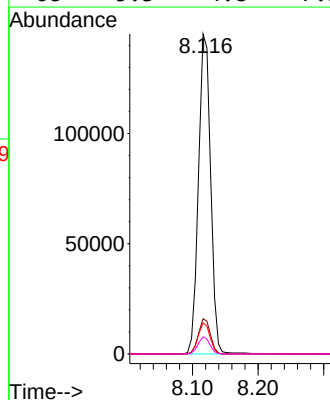
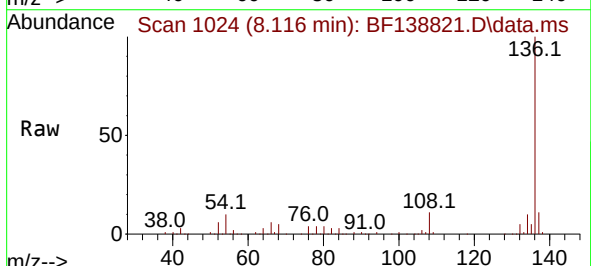
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

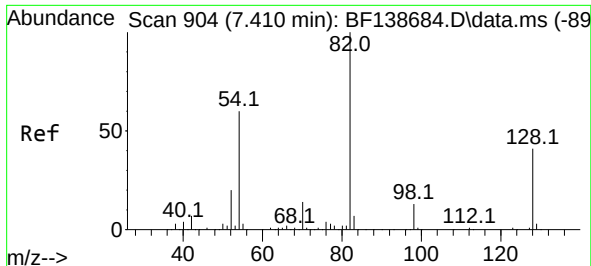
Tgt Ion: 99 Resp: 196676
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.5 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion: 136 Resp: 188123
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 86.872 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138821.D

Acq: 06 Aug 2024 22:54

Instrument :

BNA_F

ClientSampleId :

MLS-15-383-398

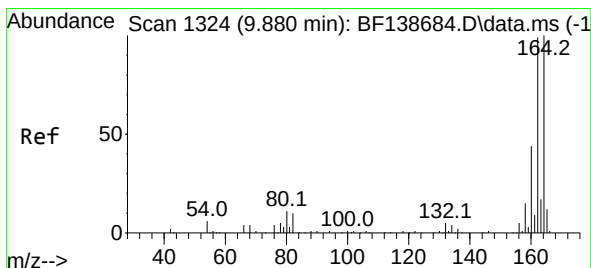
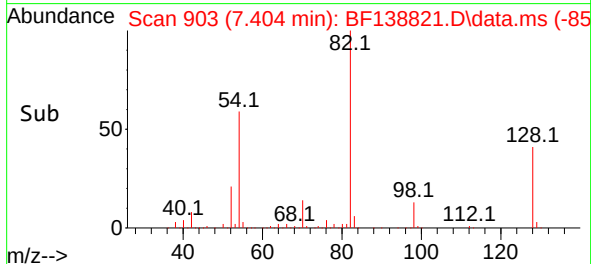
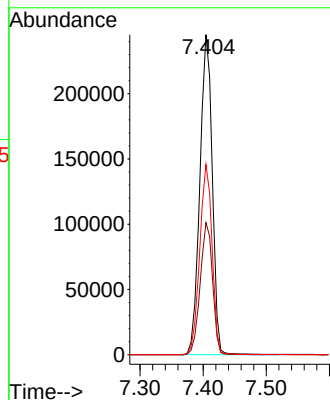
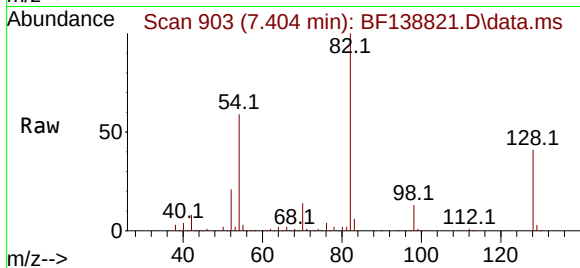
Tgt Ion: 82 Resp: 334265

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 59.5 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: BF138821.D

Acq: 06 Aug 2024 22:54

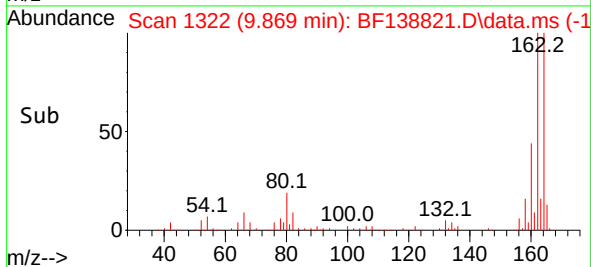
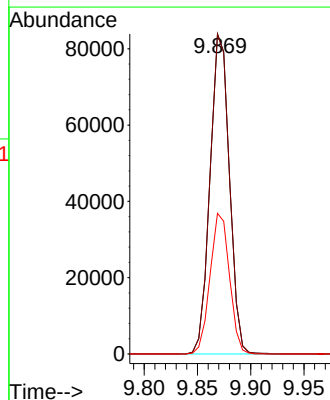
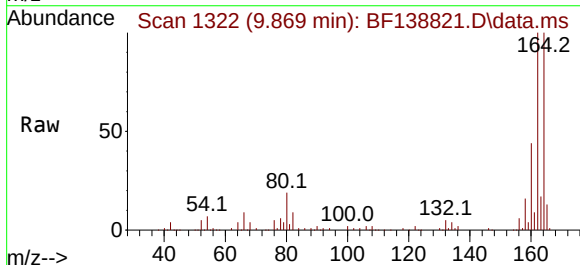
Tgt Ion:164 Resp: 106190

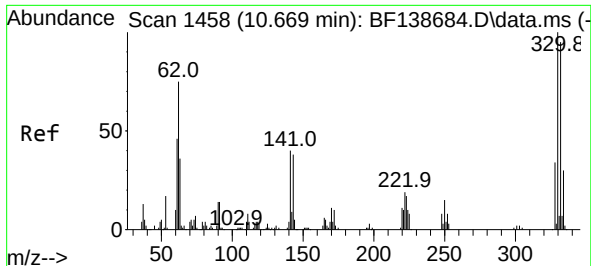
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 43.9 35.1 52.7

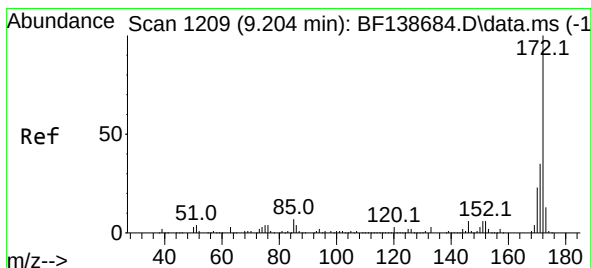
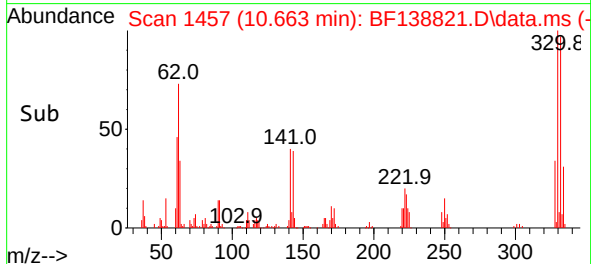
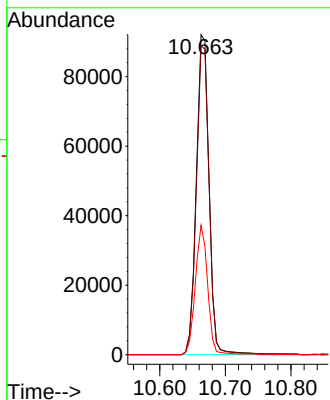
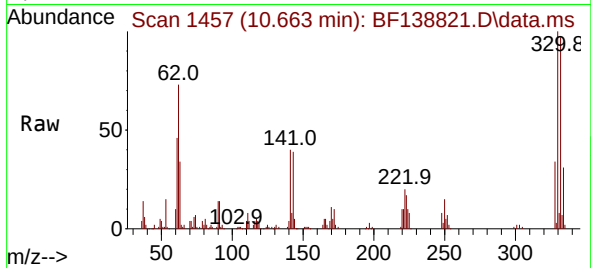




#42
2,4,6-Tribromophenol
Concen: 143.693 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

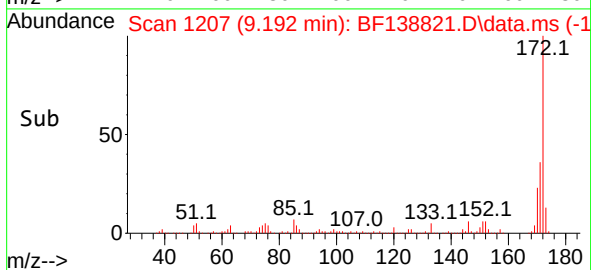
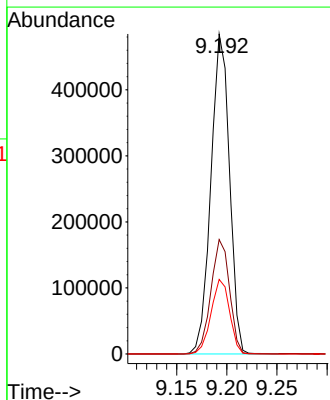
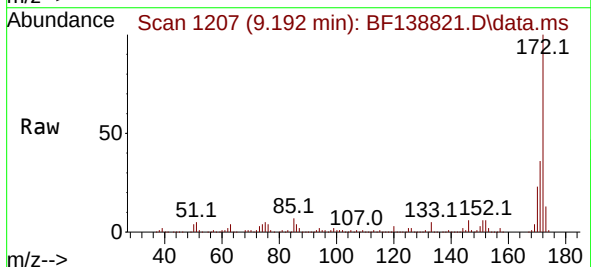
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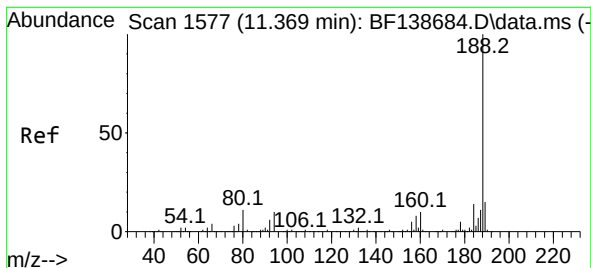
Tgt Ion:330 Resp: 124990
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 88.422 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion:172 Resp: 624928
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138821.D

Acq: 06 Aug 2024 22:54

Instrument :

BNA_F

ClientSampleId :

MLS-15-383-398

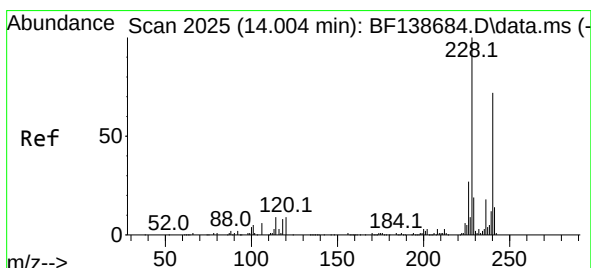
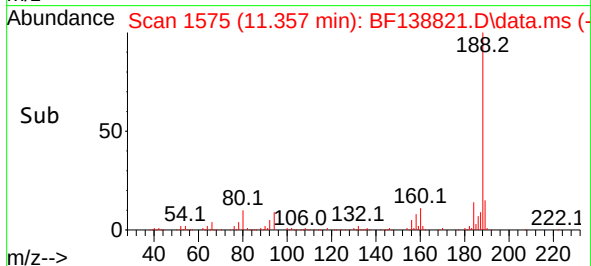
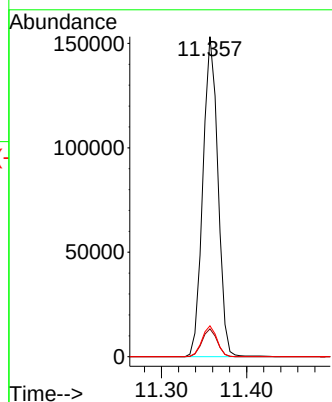
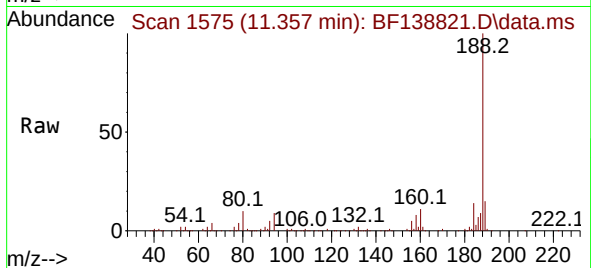
Tgt Ion:188 Resp: 187948

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.7 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: BF138821.D

Acq: 06 Aug 2024 22:54

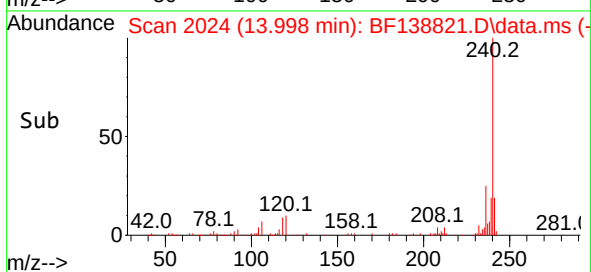
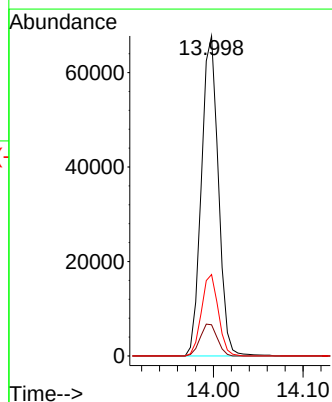
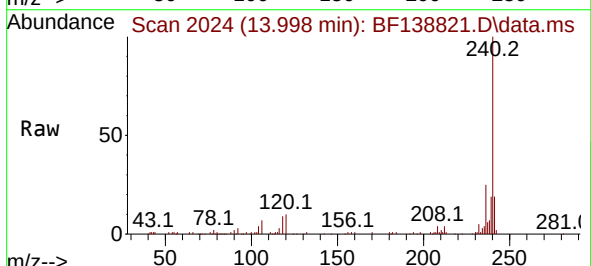
Tgt Ion:240 Resp: 88684

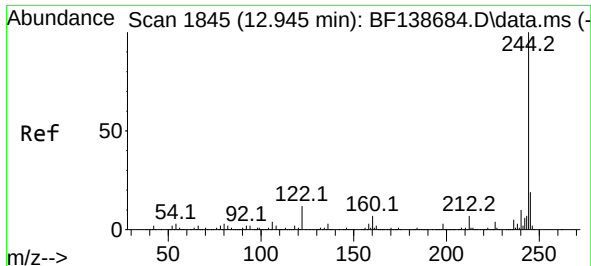
Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

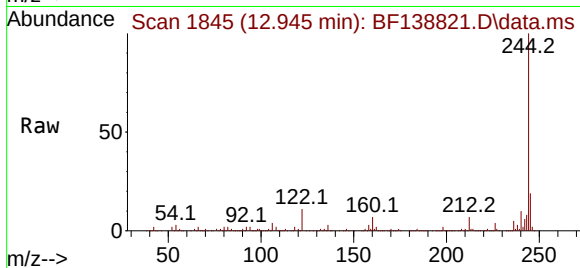
236 25.5 19.8 29.8



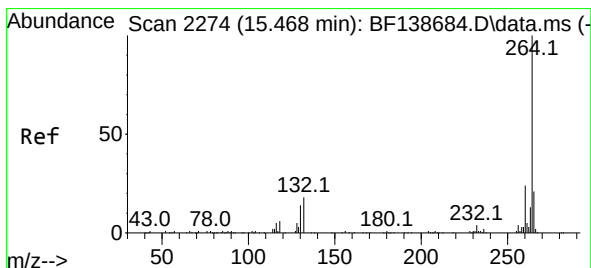
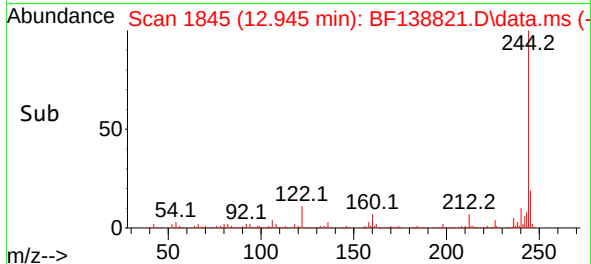
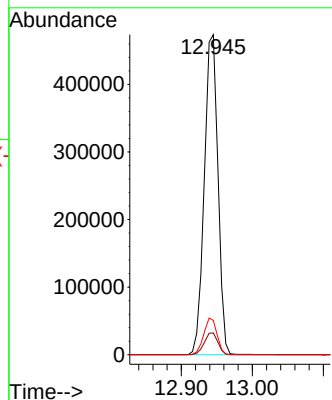


#79
Terphenyl-d14
Concen: 119.877 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Instrument :
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ClientSampleId :
MLS-15-383-398



Tgt Ion:244 Resp: 634972
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion:264 Resp: 89276
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 20.9 17.0 25.6

