

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138820.D
 Acq On : 06 Aug 2024 22:22
 Operator : RC/JU
 Sample : P3459-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-360-375

Quant Time: Aug 07 01:06:11 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	43829	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	178912	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	102980	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	183299	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	105375	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	98786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	228479	80.470	ng	0.00
7) Phenol-d6	6.481	99	202429	53.102	ng	0.00
23) Nitrobenzene-d5	7.404	82	311810	85.208	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120085	142.358	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	594126	86.684	ng	-0.01
79) Terphenyl-d14	12.945	244	650501	103.356	ng	0.00

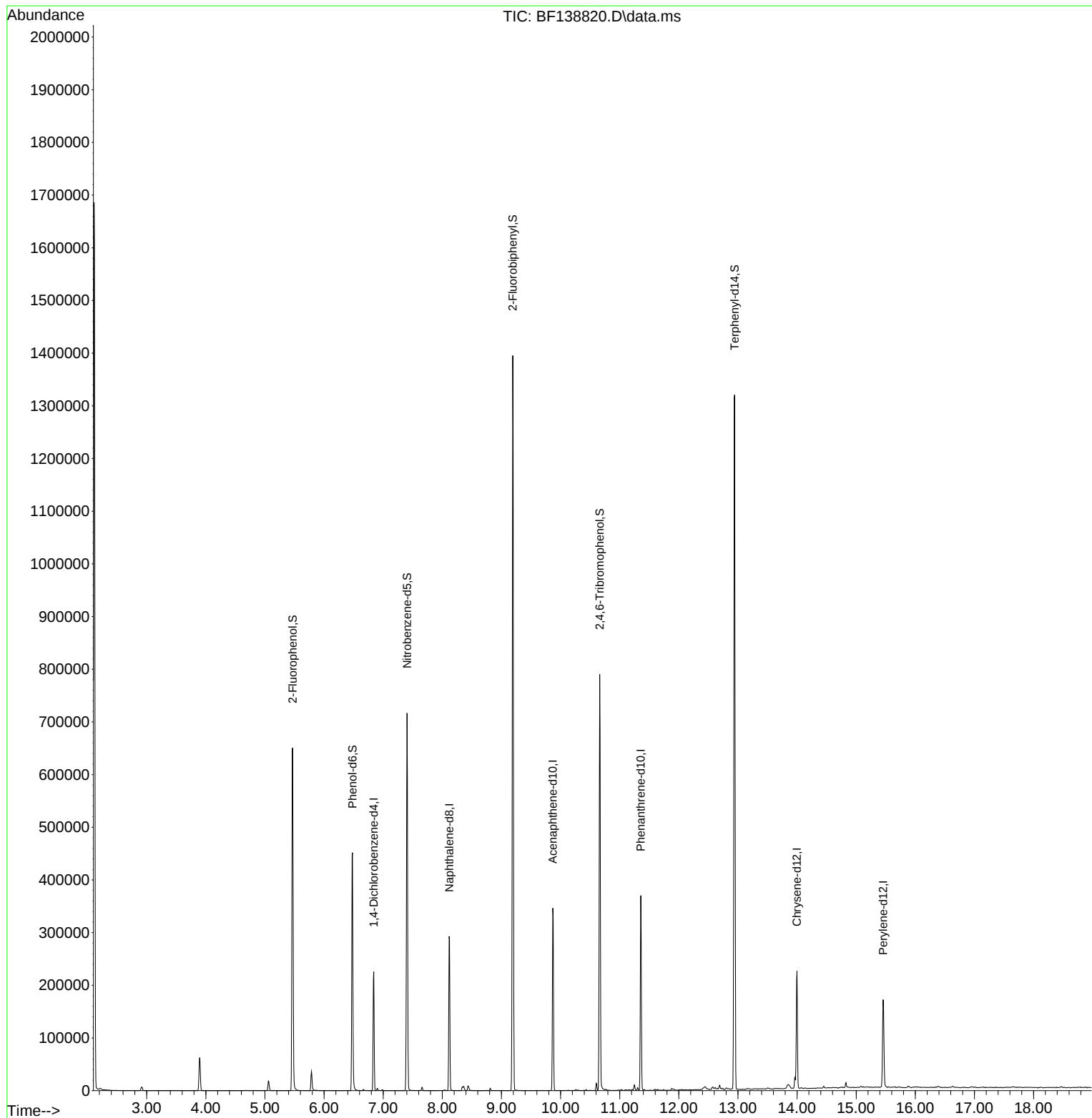
Target Compounds	Qvalue

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

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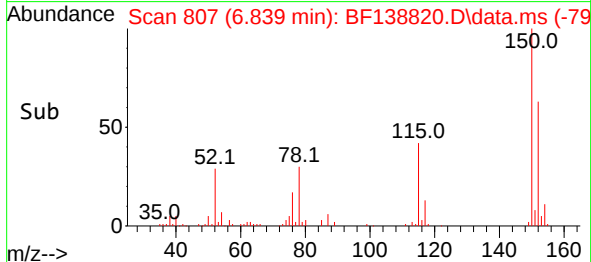
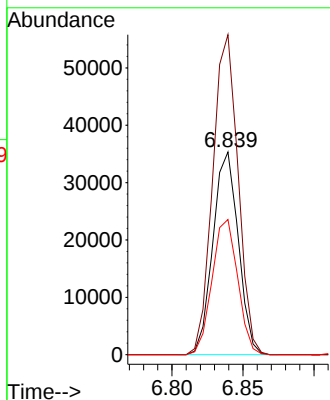
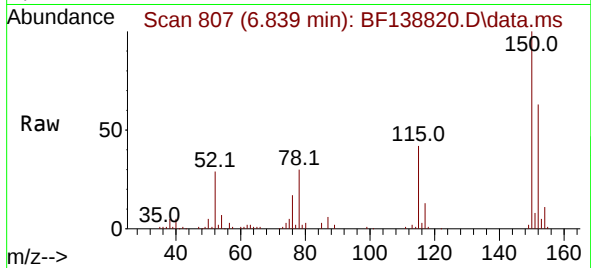




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

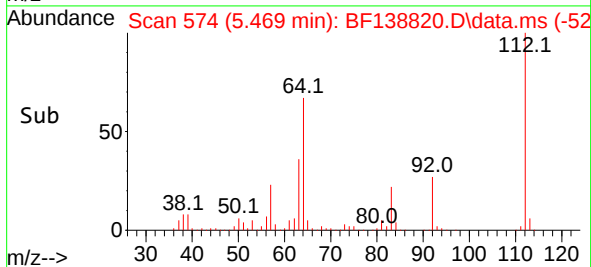
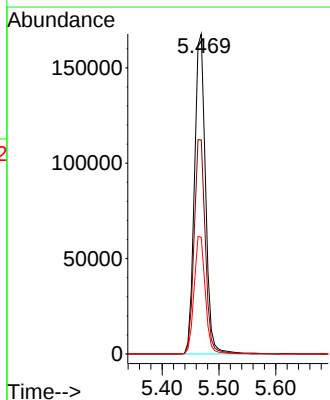
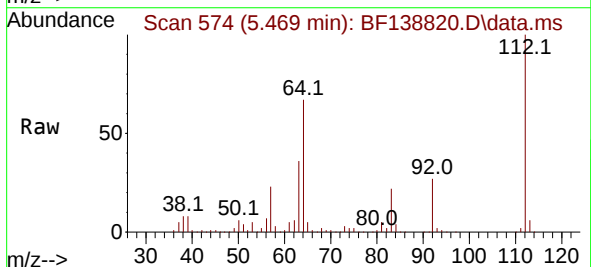
Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375

Tgt Ion:152 Resp: 43829
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 80.470 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

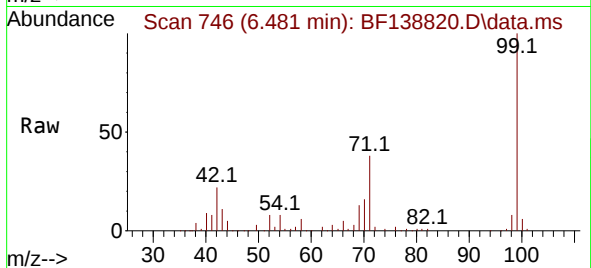
Tgt Ion:112 Resp: 228479
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.5 28.7 43.1



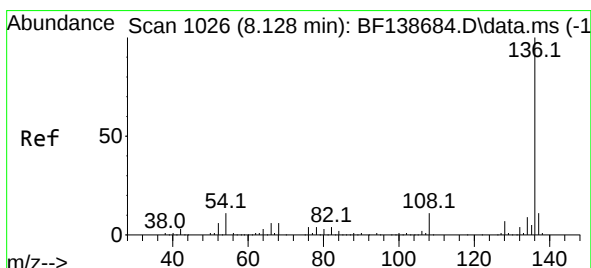
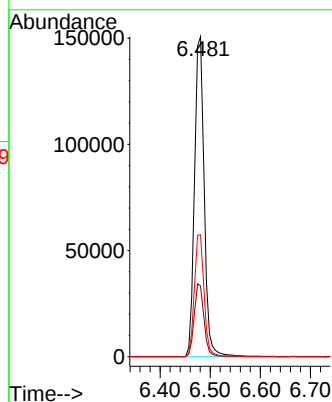
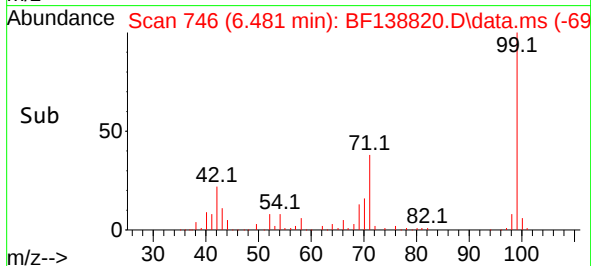


#7
Phenol-d6
Concen: 53.102 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

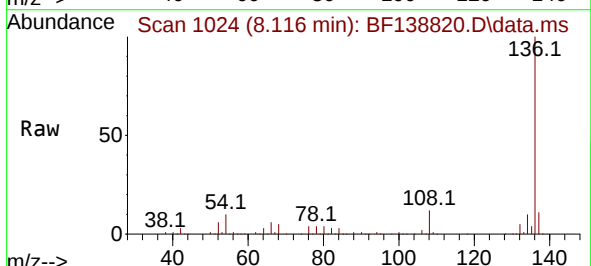
Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375



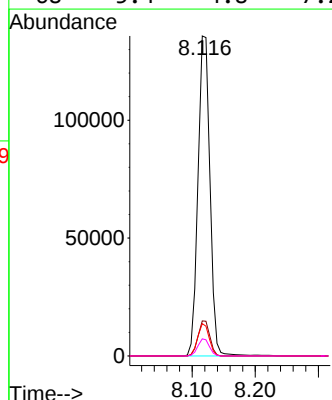
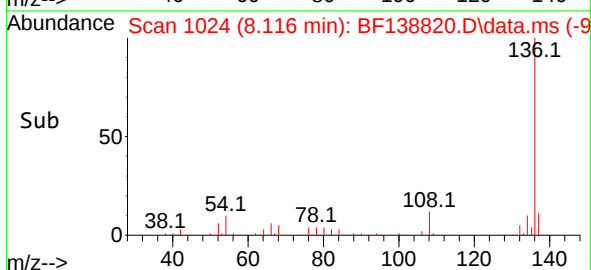
Tgt Ion: 99 Resp: 202429
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 38.1 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22



Tgt Ion: 136 Resp: 178912
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.208 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

Instrument :

BNA_F

ClientSampleId :

MLS-15-360-375

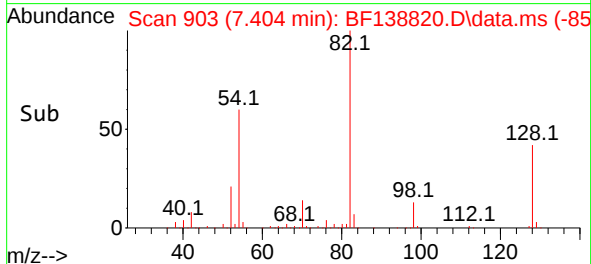
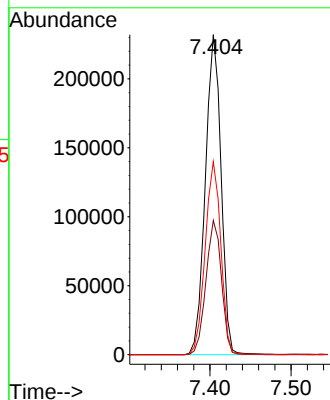
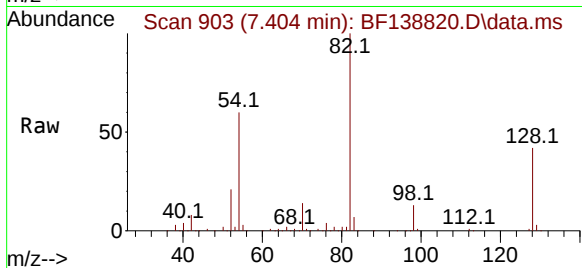
Tgt Ion: 82 Resp: 311810

Ion Ratio Lower Upper

82 100

128 41.9 32.8 49.2

54 60.3 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: BF138820.D

Acq: 06 Aug 2024 22:22

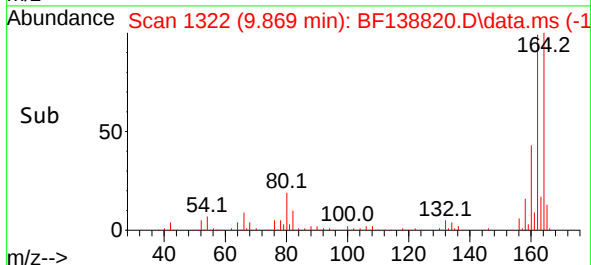
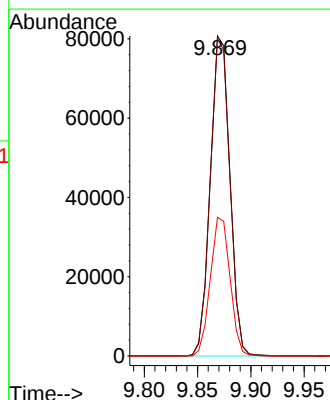
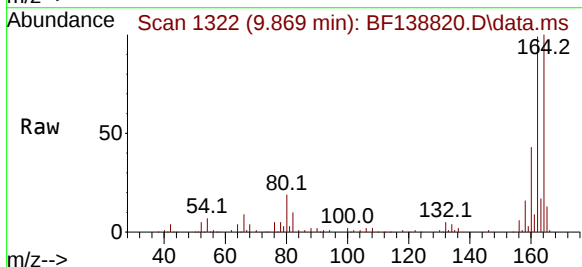
Tgt Ion:164 Resp: 102980

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.358 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138820.D

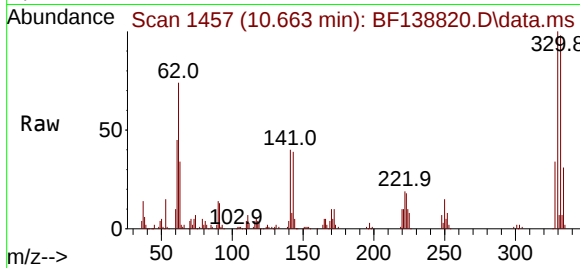
Acq: 06 Aug 2024 22:22

Instrument :

BNA_F

ClientSampleId :

MLS-15-360-375



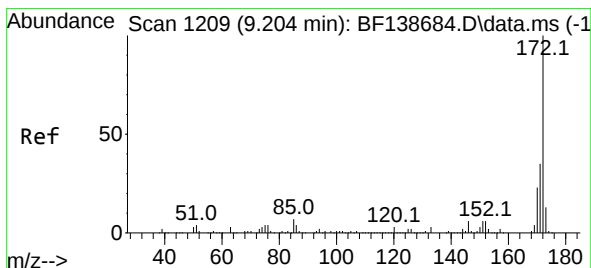
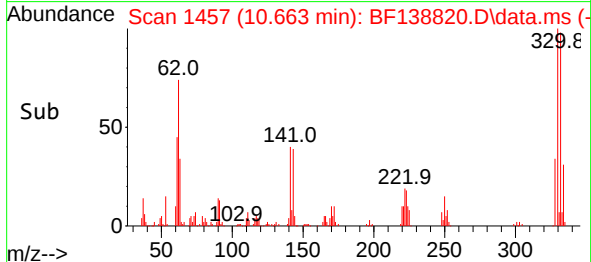
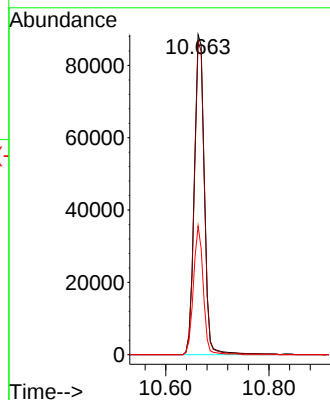
Tgt Ion:330 Resp: 120085

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 39.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 86.684 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

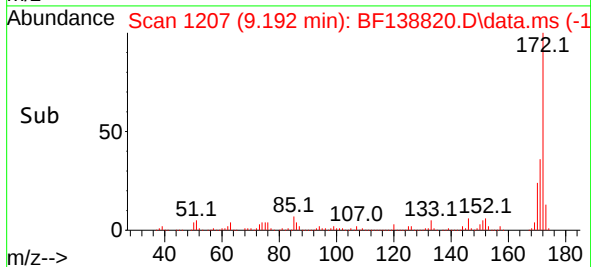
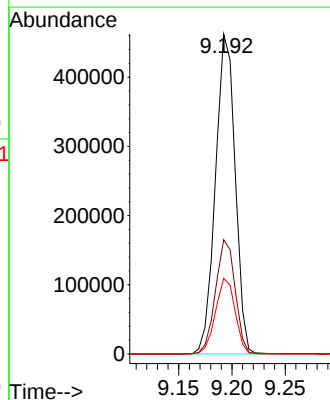
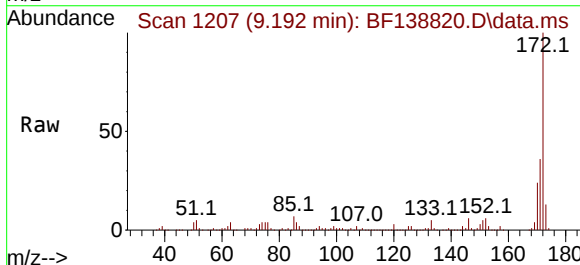
Tgt Ion:172 Resp: 594126

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 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: BF138820.D

Acq: 06 Aug 2024 22:22

Instrument :

BNA_F

ClientSampleId :

MLS-15-360-375

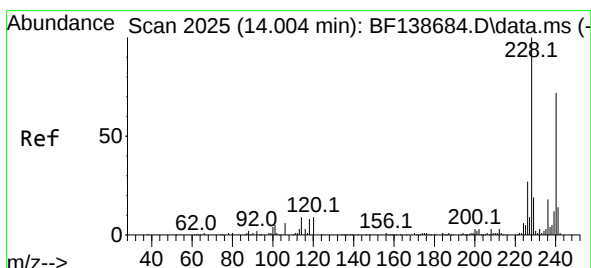
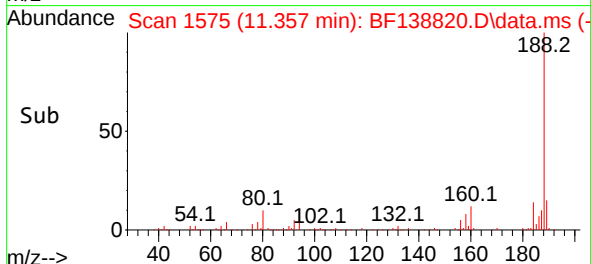
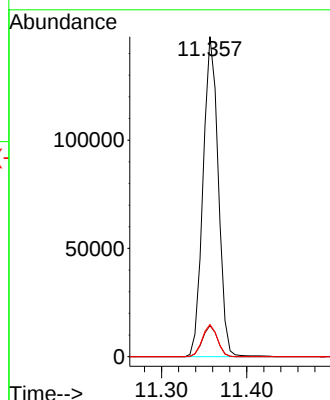
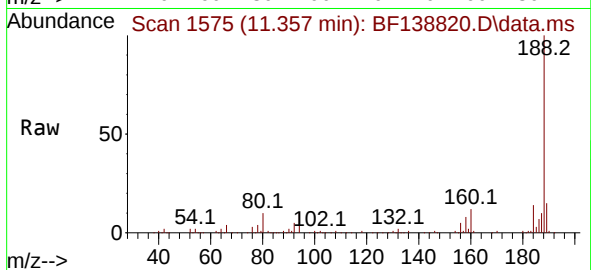
Tgt Ion:188 Resp: 183299

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.1 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: BF138820.D

Acq: 06 Aug 2024 22:22

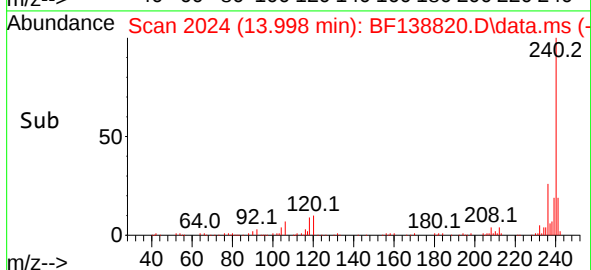
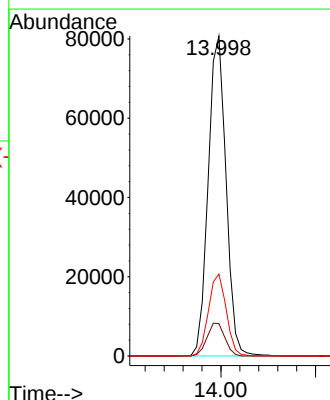
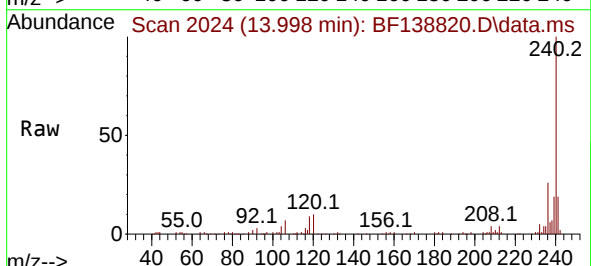
Tgt Ion:240 Resp: 105375

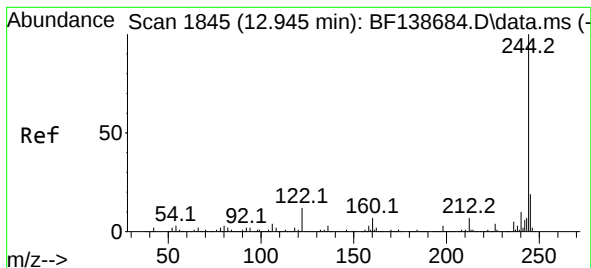
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 103.356 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138820.D

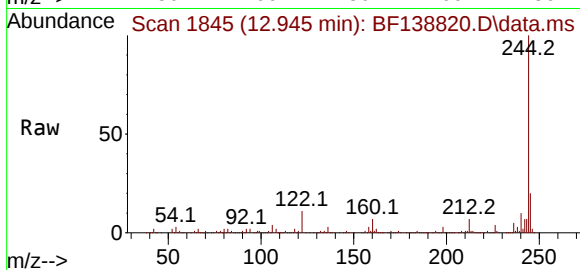
Acq: 06 Aug 2024 22:22

Instrument :

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MLS-15-360-375



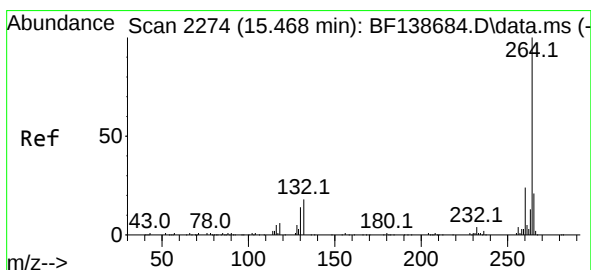
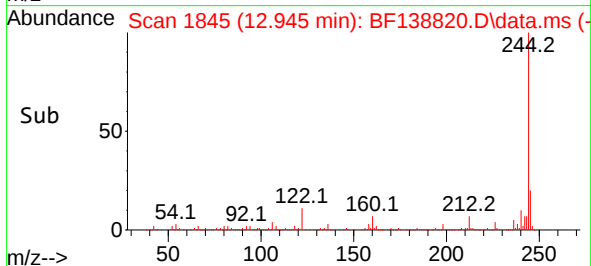
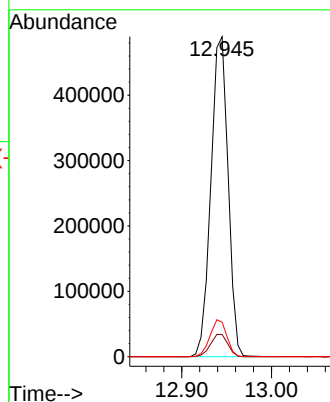
Tgt Ion:244 Resp: 650501

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.8 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: BF138820.D

Acq: 06 Aug 2024 22:22

Tgt Ion:264 Resp: 98786

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.0 17.0 25.6

