

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138818.D
 Acq On : 06 Aug 2024 21:17
 Operator : RC/JU
 Sample : P3458-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-257-272

Quant Time: Aug 07 01:05:41 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)

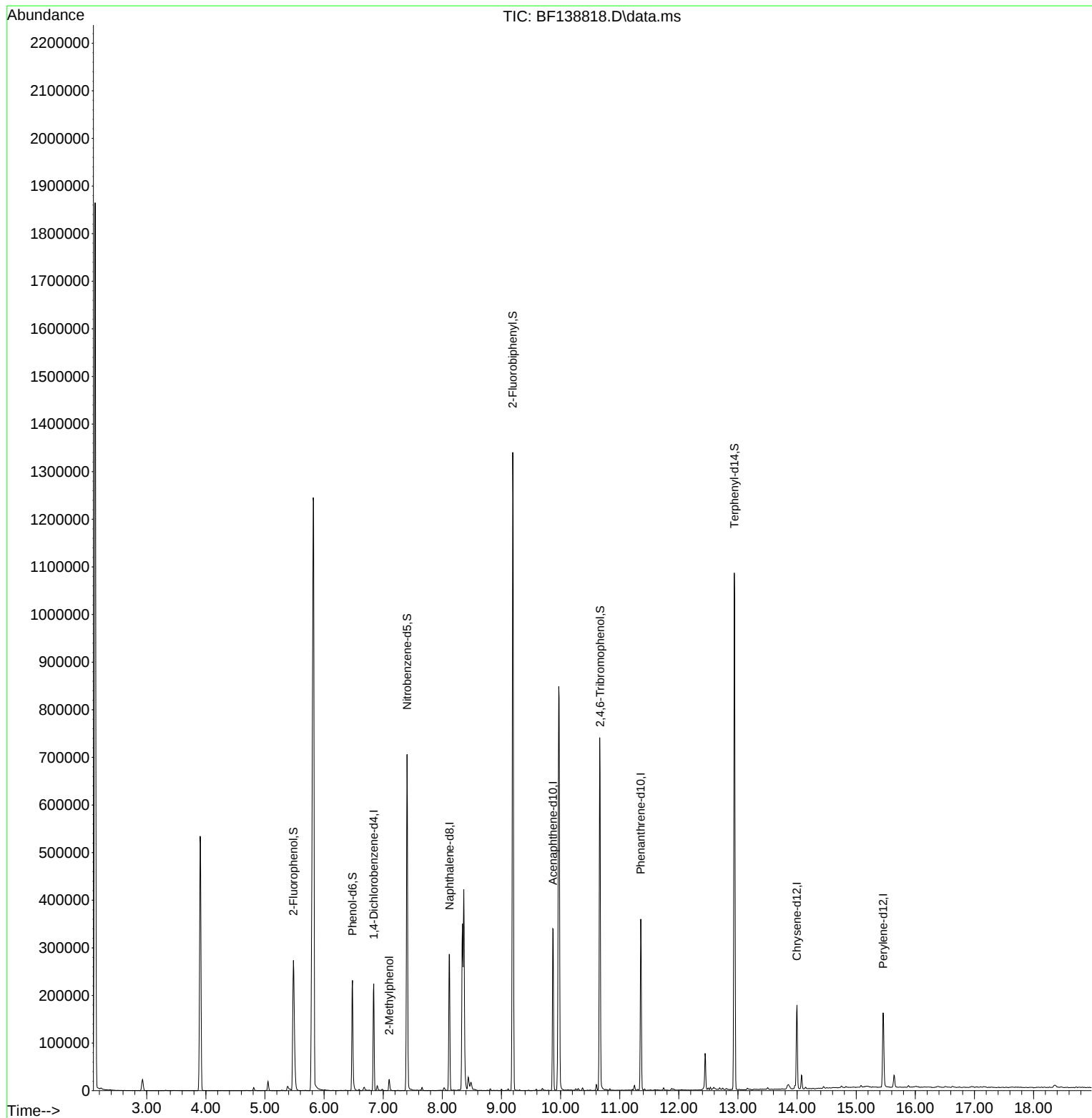
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43450	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178765	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	99432	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	181229	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	82372	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	90449	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	134795	47.889	ng	0.01
7) Phenol-d6	6.481	99	103925	27.500	ng	0.00
23) Nitrobenzene-d5	7.404	82	307410	84.075	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	112414	138.019	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	576032	87.043	ng	-0.01
79) Terphenyl-d14	12.939	244	519980	105.690	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.104	107	5916	2.419	ng	Qvalue 96

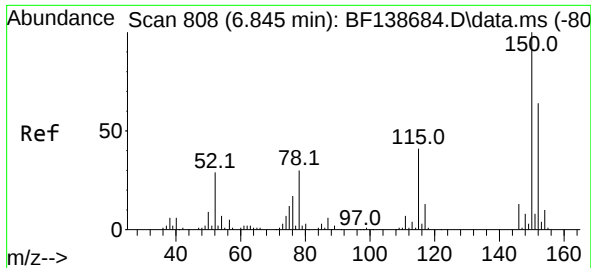
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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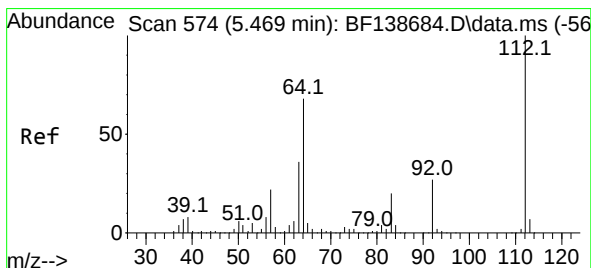
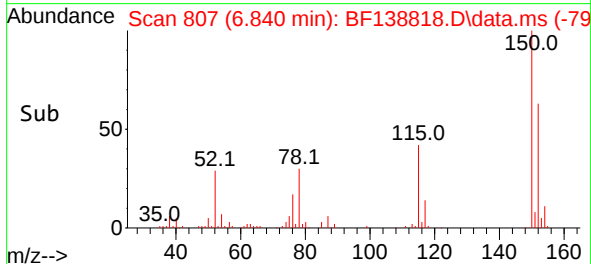
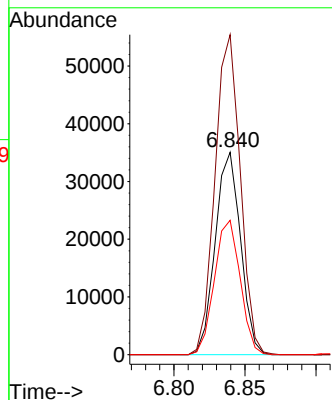
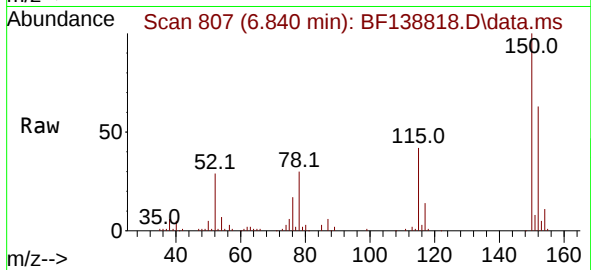




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

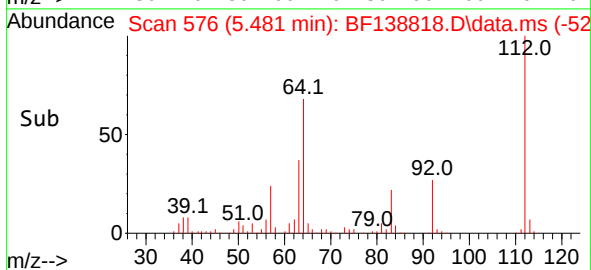
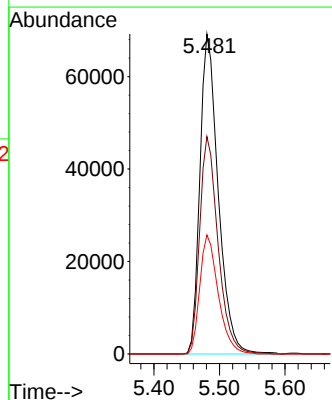
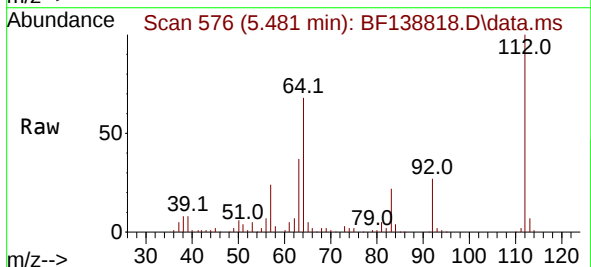
Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

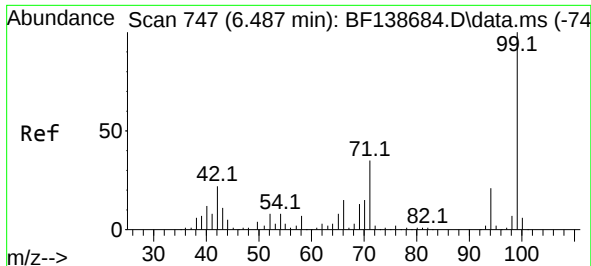
Tgt Ion:152 Resp: 43450
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 47.889 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion:112 Resp: 134795
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.2 28.7 43.1

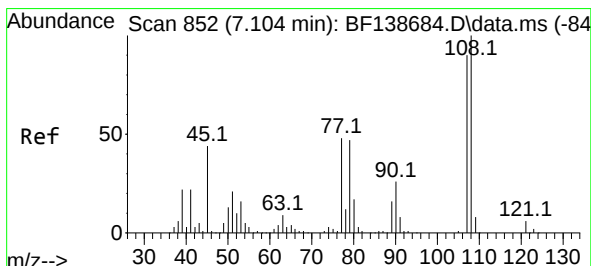
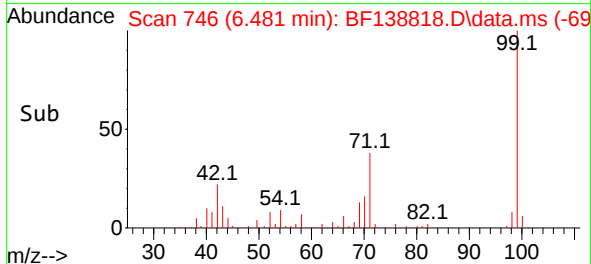
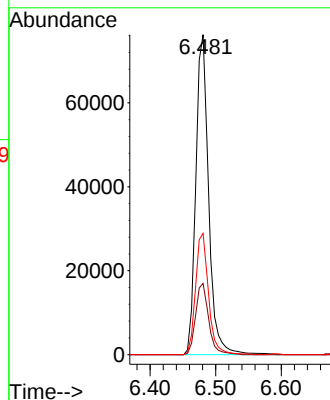
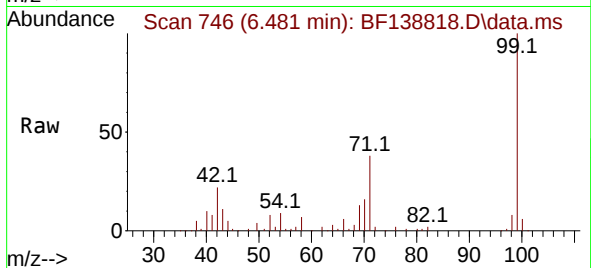




#7
Phenol-d6
Concen: 27.500 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

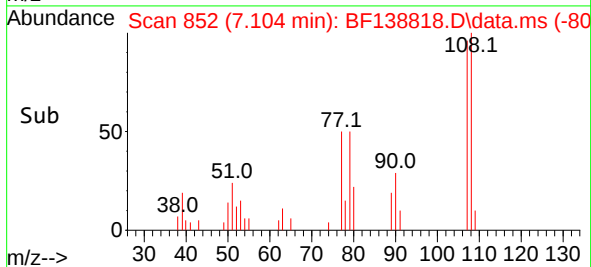
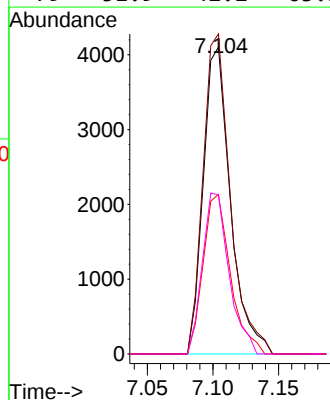
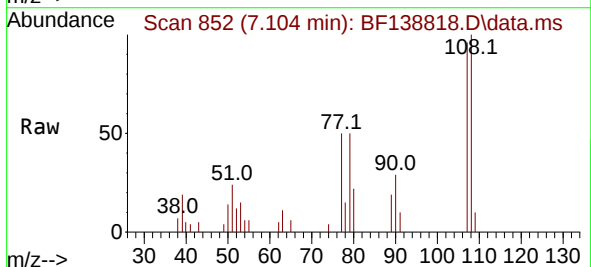
Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

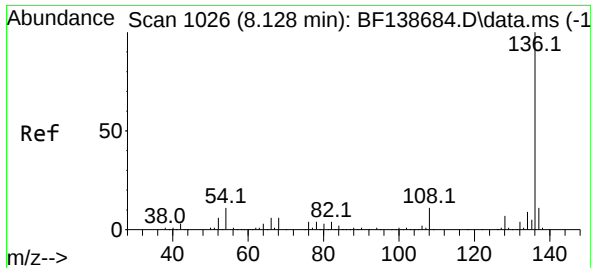
Tgt Ion: 99 Resp: 103925
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.0
71 37.9 28.1 42.1



#17
2-Methylphenol
Concen: 2.419 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

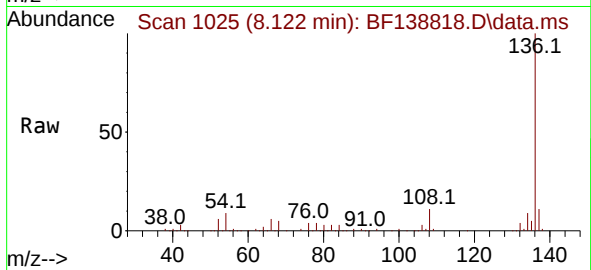
Tgt Ion: 107 Resp: 5916
Ion Ratio Lower Upper
107 100
108 104.3 89.2 133.8
77 52.0 43.0 64.4
79 51.9 42.2 63.2



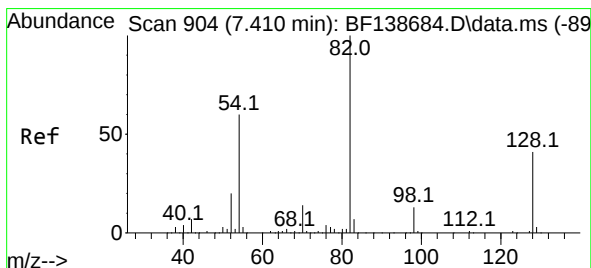
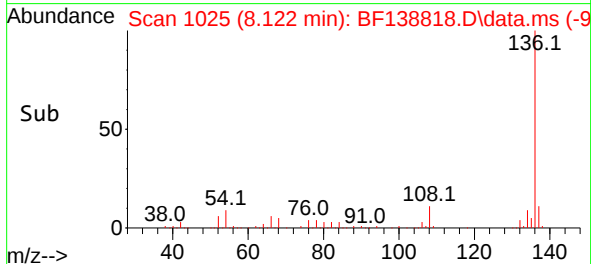
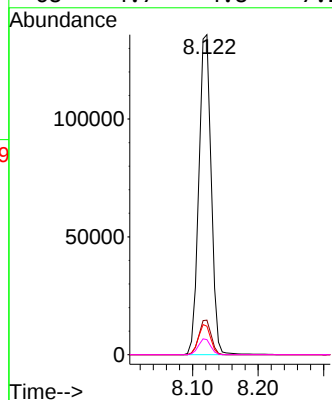


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

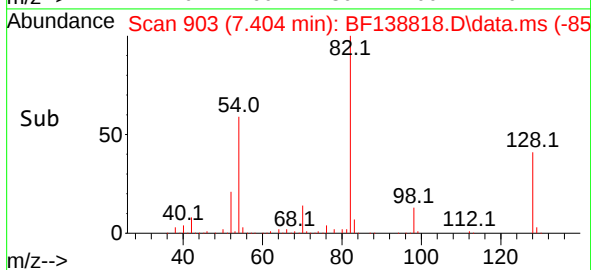
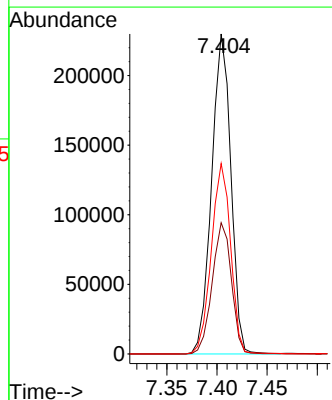
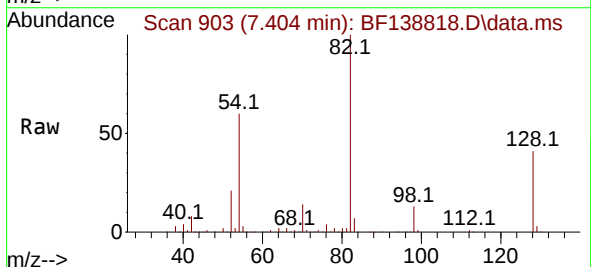


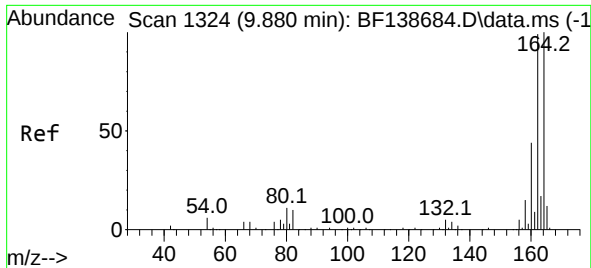
Tgt Ion:136 Resp: 178765
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 8.6 12.8
68 4.7 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 84.075 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion: 82 Resp: 307410
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 59.5 48.3 72.5

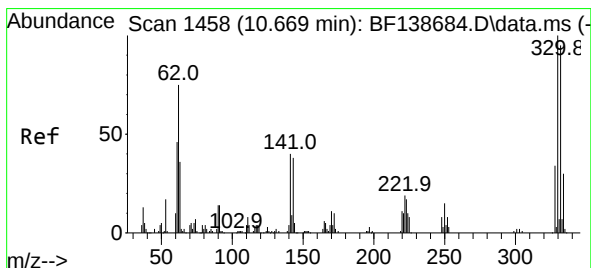
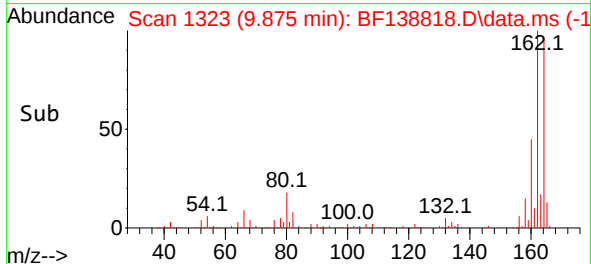
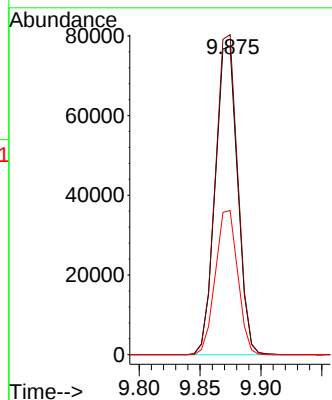
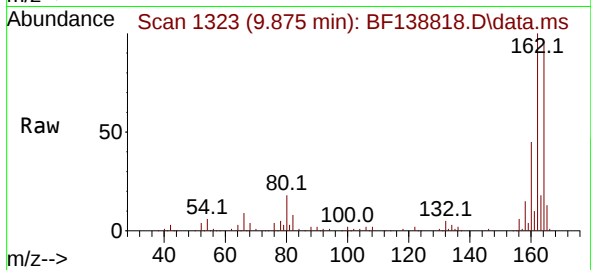




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: BF138818.D
 Acq: 06 Aug 2024 21:17

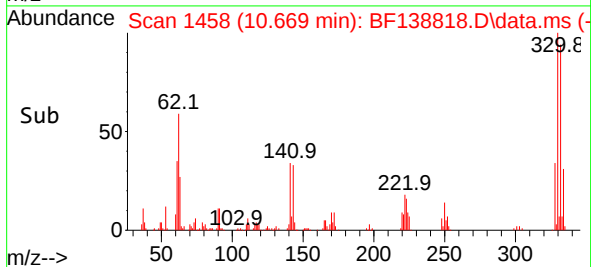
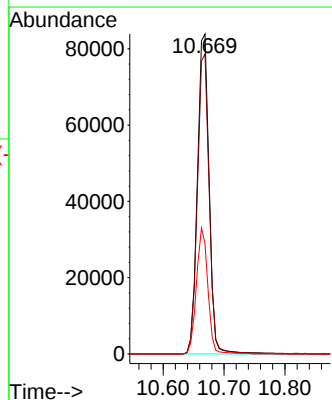
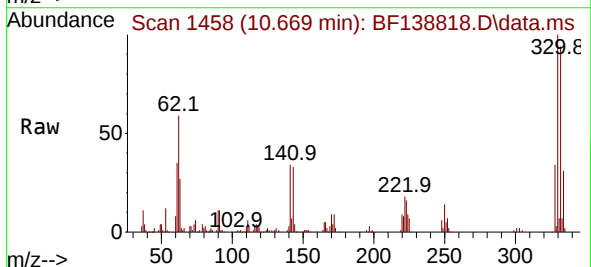
Instrument :
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 ClientSampleId :
 MLS-15-257-272

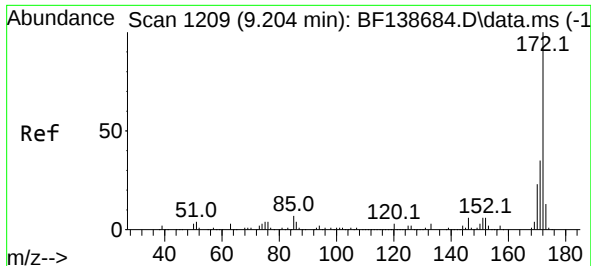
Tgt Ion:164 Resp: 99432
 Ion Ratio Lower Upper
 164 100
 162 103.9 79.4 119.0
 160 46.8 35.1 52.7



#42
 2,4,6-Tribromophenol
 Concen: 138.019 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BF138818.D
 Acq: 06 Aug 2024 21:17

Tgt Ion:330 Resp: 112414
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.4 114.6
 141 38.4 31.1 46.7

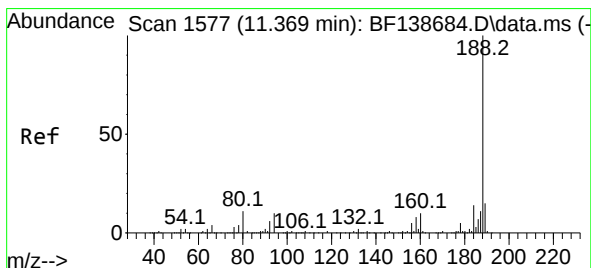
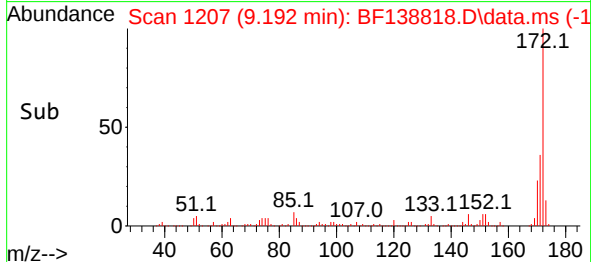
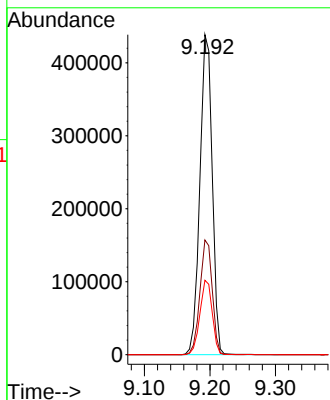
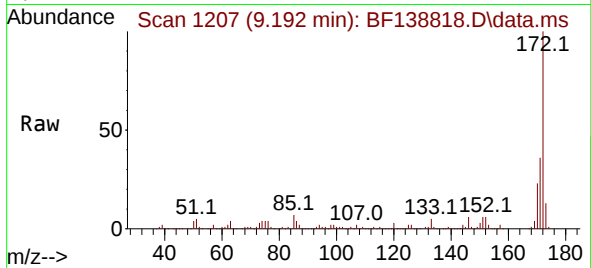




#45
2-Fluorobiphenyl
Concen: 87.043 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

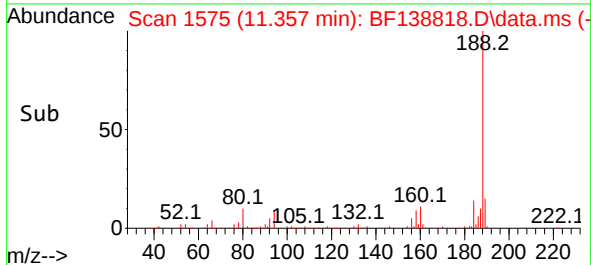
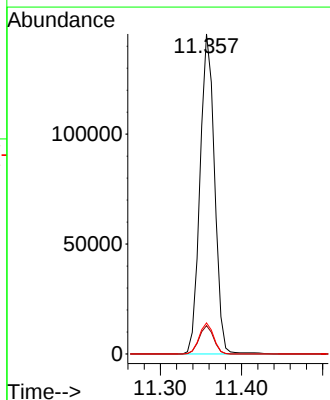
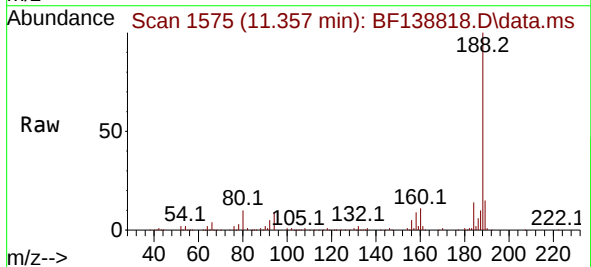
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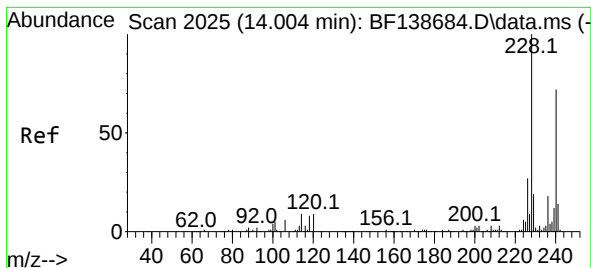
Tgt Ion:172 Resp: 576032
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion:188 Resp: 181229
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.7 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272

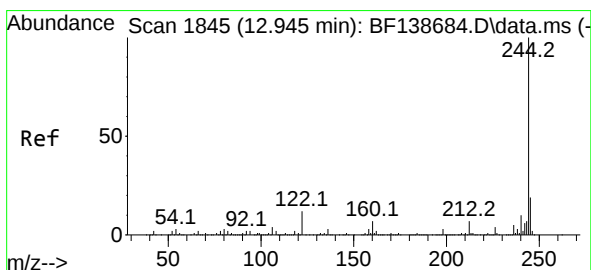
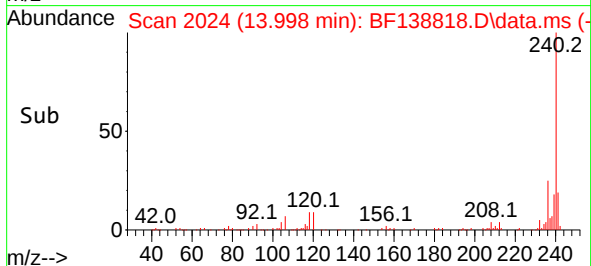
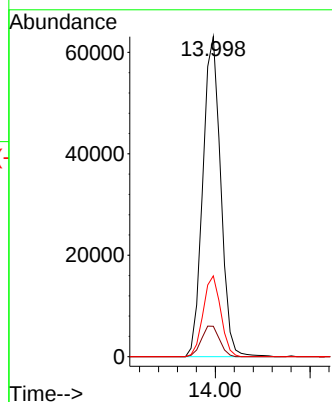
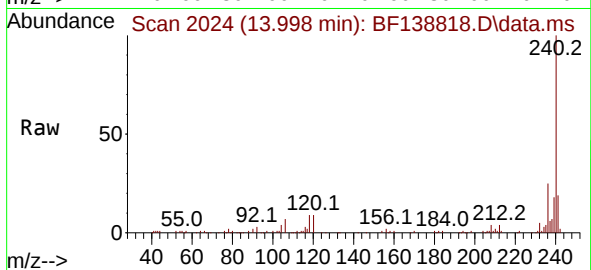
Tgt Ion:240 Resp: 82372

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 105.690 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

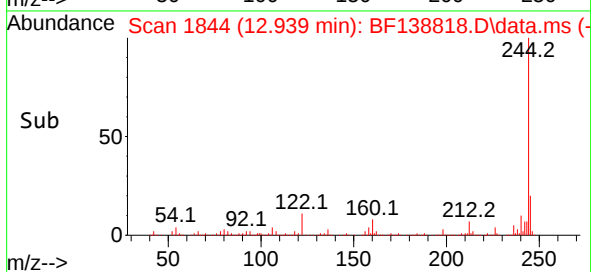
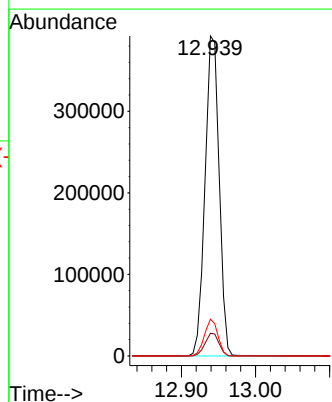
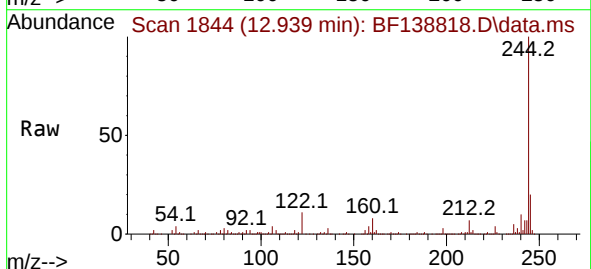
Tgt Ion:244 Resp: 519980

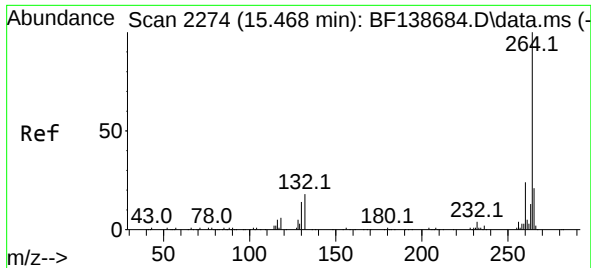
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

Tgt Ion:264	Resp:	90449
Ion Ratio	Lower	Upper
264	100	
260	22.8	19.0 28.6
265	21.7	17.0 25.6

