

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138889.D
 Acq On : 09 Aug 2024 15:31
 Operator : RC/JU
 Sample : P3468-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-682-697

Quant Time: Aug 09 15:55:24 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)

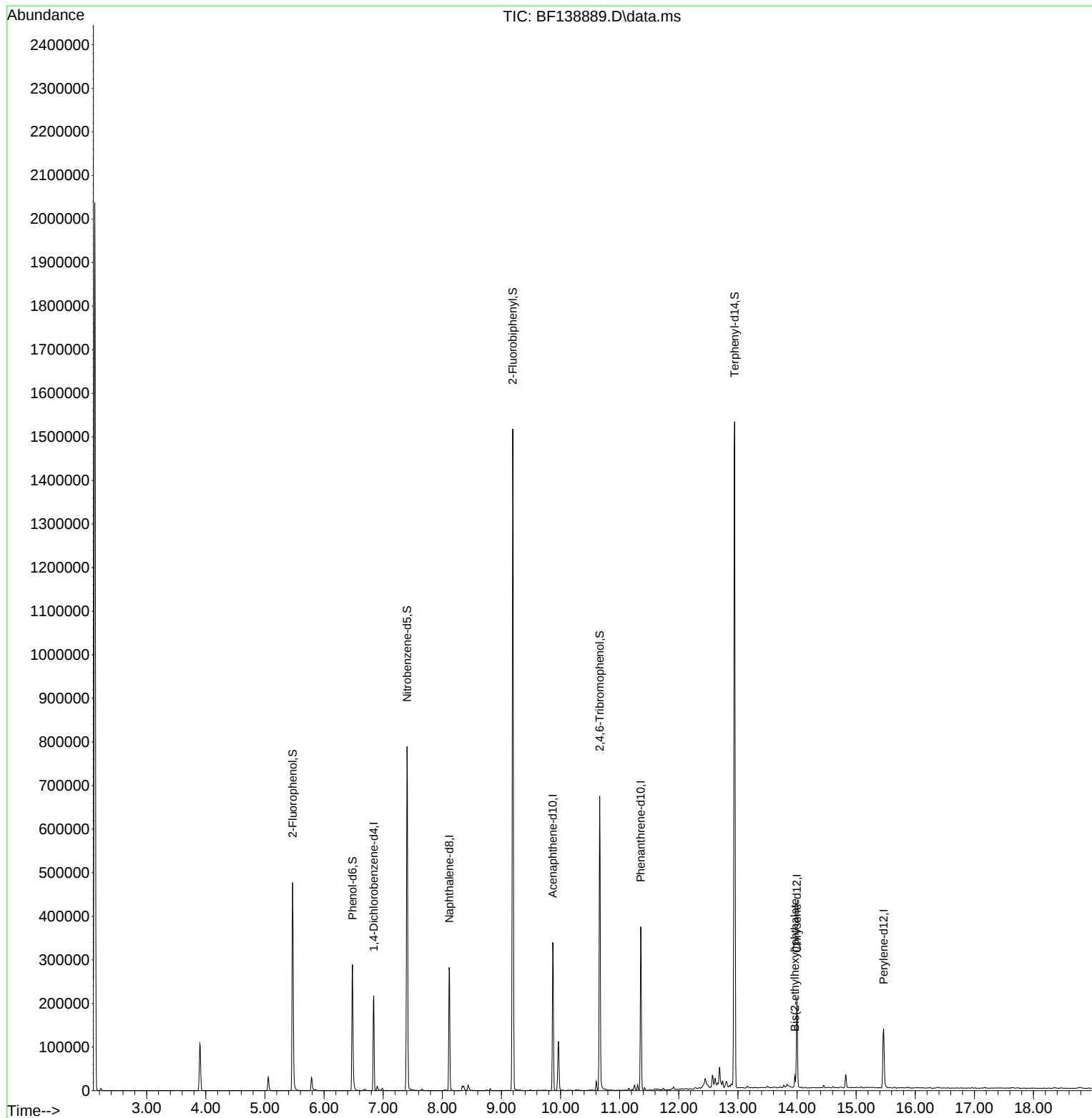
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41552	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	172621	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	96013	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	186307	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95544	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	84298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	161428	59.970	ng	0.00
7) Phenol-d6	6.481	99	127922	35.396	ng	0.00
23) Nitrobenzene-d5	7.404	82	345575	97.877	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	97628	124.134	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	644576	100.869	ng	-0.01
79) Terphenyl-d14	12.945	244	745632	130.661	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.963	149	9100	2.157	ng	Qvalue 100

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

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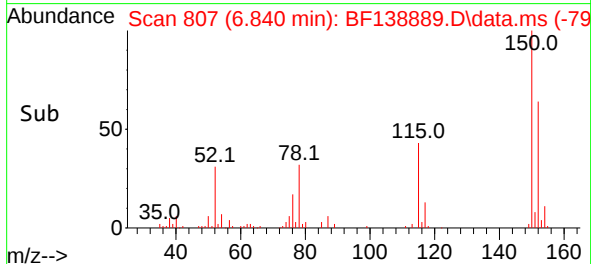
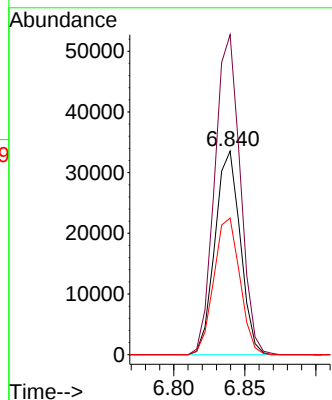
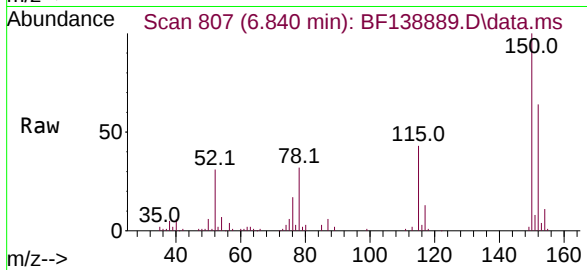




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

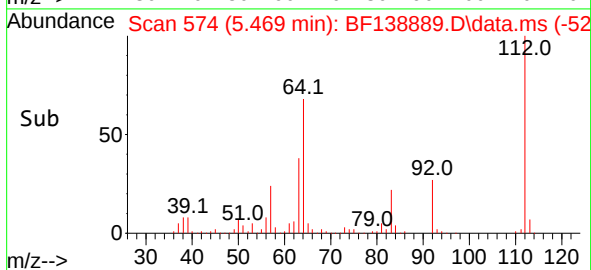
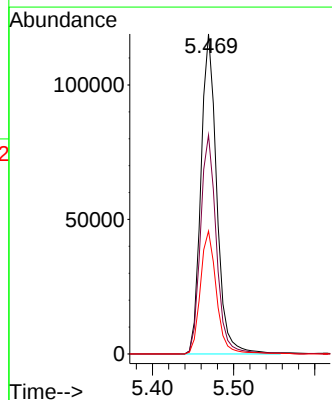
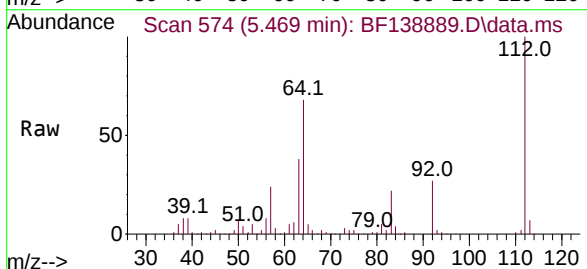
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

Tgt Ion:152 Resp: 41552
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 67.2 51.7 77.5



#5
2-Fluorophenol
Concen: 59.970 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion:112 Resp: 161428
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 38.4 28.7 43.1

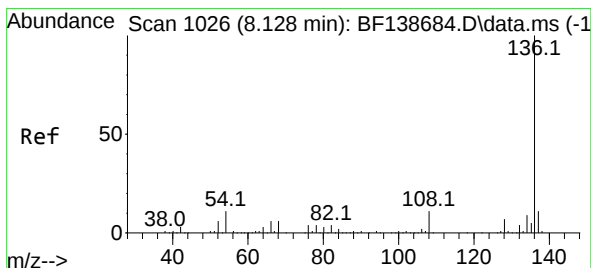
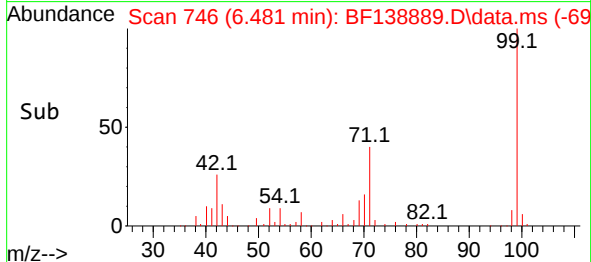
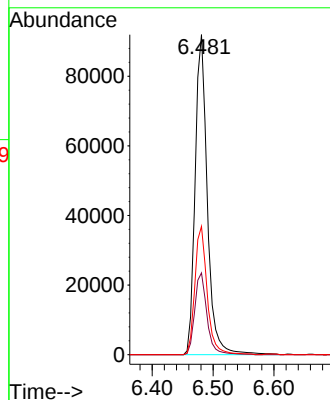
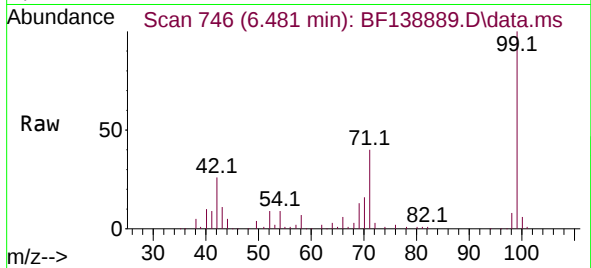




#7
Phenol-d6
Concen: 35.396 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

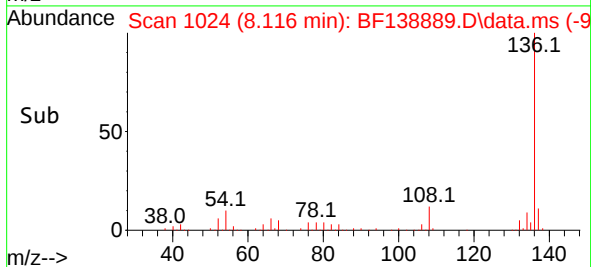
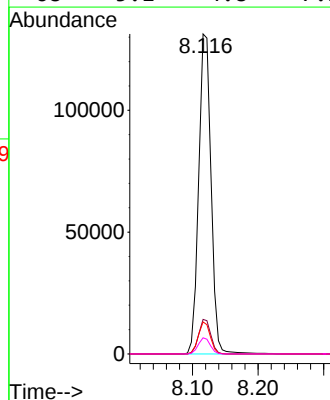
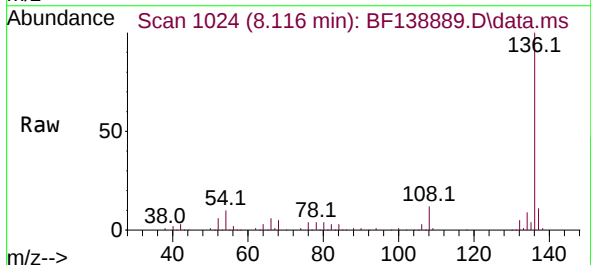
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

Tgt Ion: 99 Resp: 127922
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.1 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: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion: 136 Resp: 172621
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.0 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.877 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138889.D

Acq: 09 Aug 2024 15:31

Instrument :

BNA_F

ClientSampleId :

MLS-15-682-697

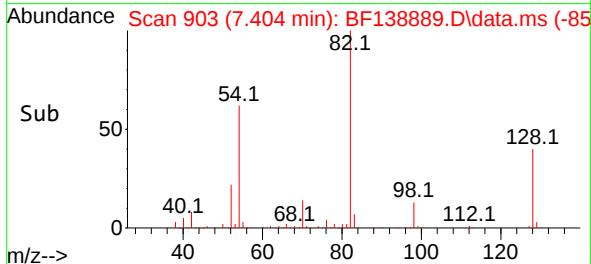
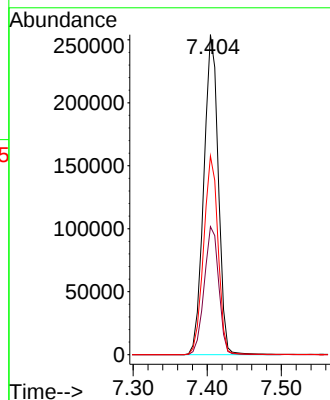
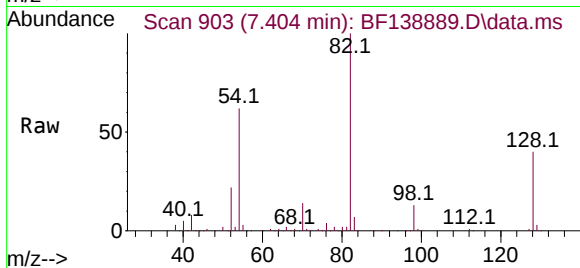
Tgt Ion: 82 Resp: 345575

Ion Ratio Lower Upper

82 100

128 40.0 32.8 49.2

54 62.1 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: BF138889.D

Acq: 09 Aug 2024 15:31

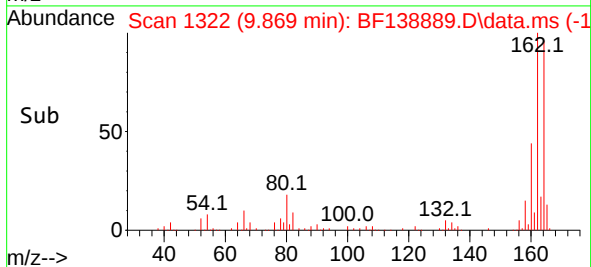
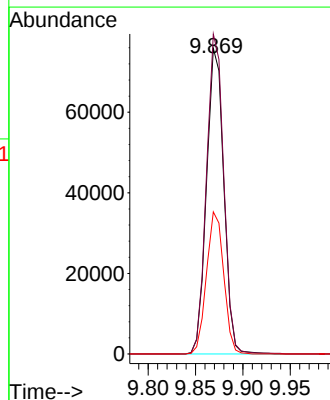
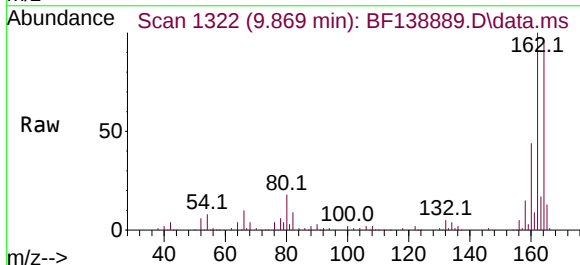
Tgt Ion:164 Resp: 96013

Ion Ratio Lower Upper

164 100

162 104.6 79.4 119.0

160 46.5 35.1 52.7

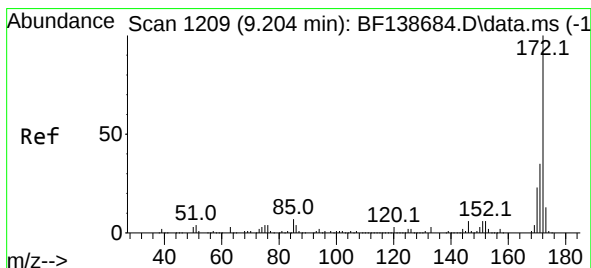
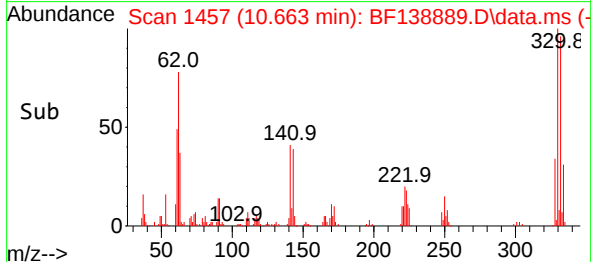
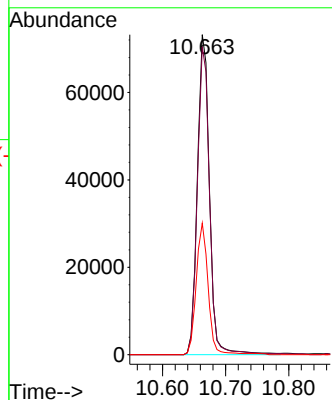
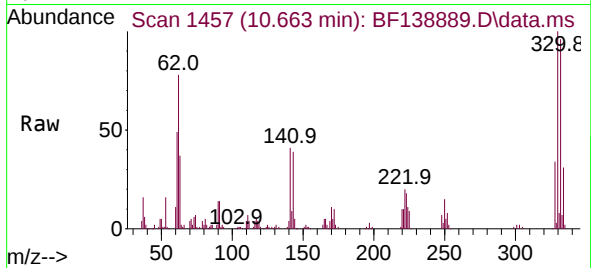




#42
2,4,6-Tribromophenol
Concen: 124.134 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

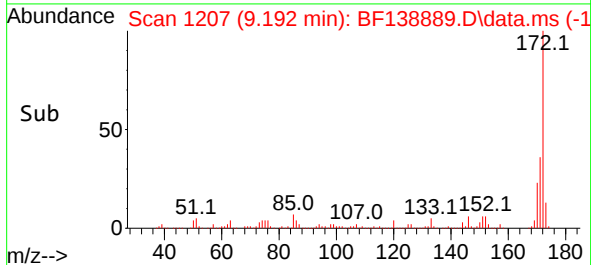
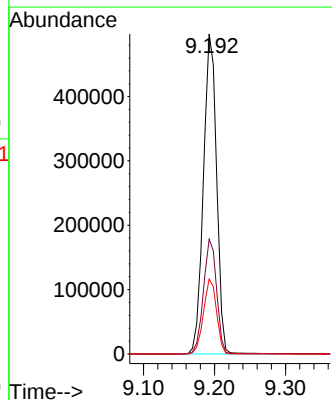
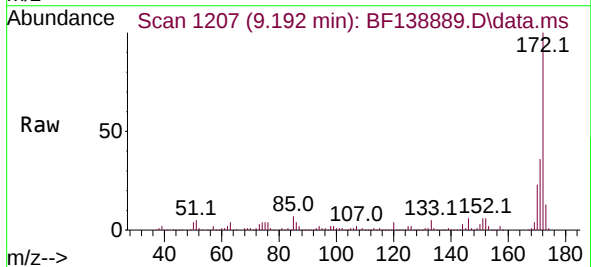
Instrument :
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ClientSampleId :
MLS-15-682-697

Tgt Ion:330 Resp: 97628
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 40.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 100.869 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion:172 Resp: 644576
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 18.8 28.2

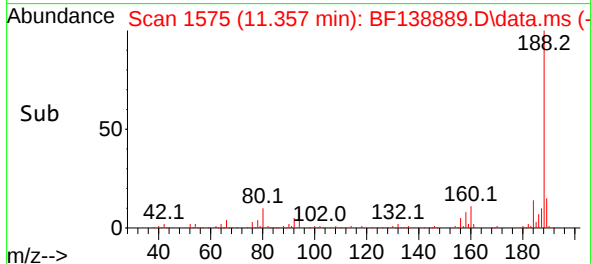
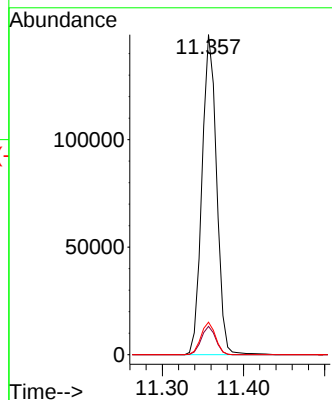
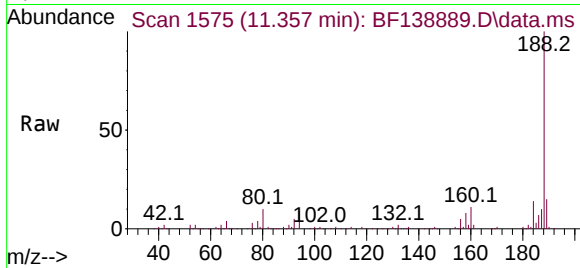




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

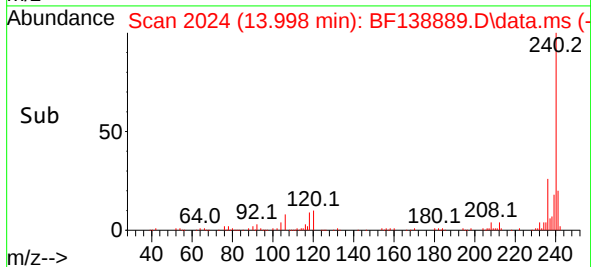
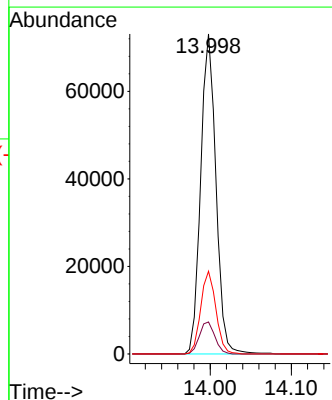
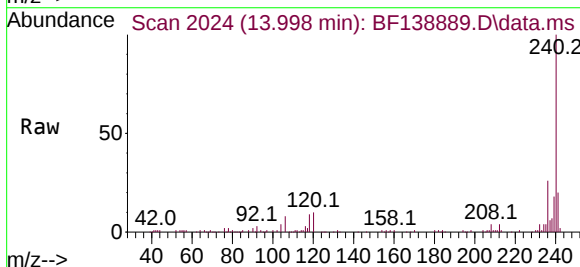
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

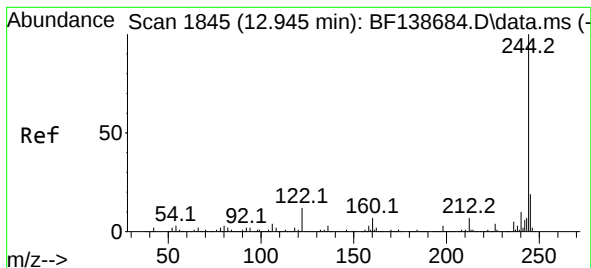
Tgt Ion:188 Resp: 186307
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion:240 Resp: 95544
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 130.661 ng

RT: 12.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138889.D

Acq: 09 Aug 2024 15:31

Instrument :

BNA_F

ClientSampleId :

MLS-15-682-697

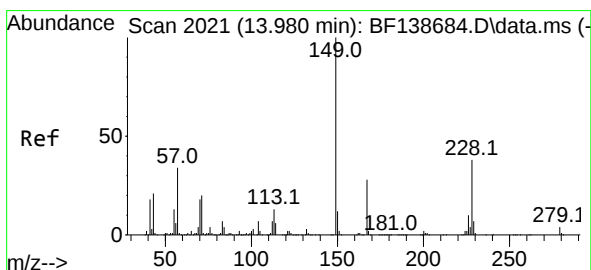
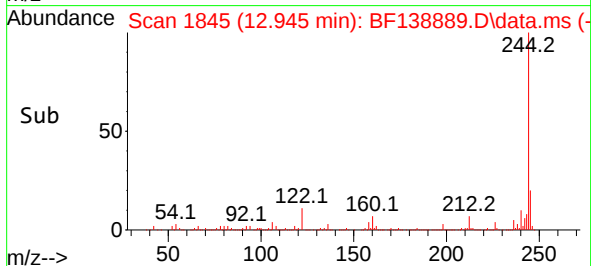
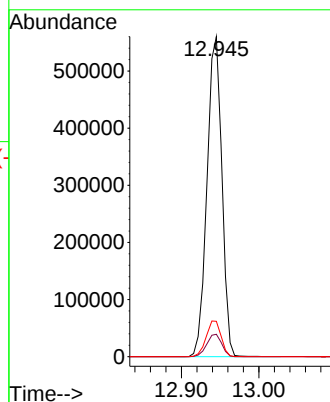
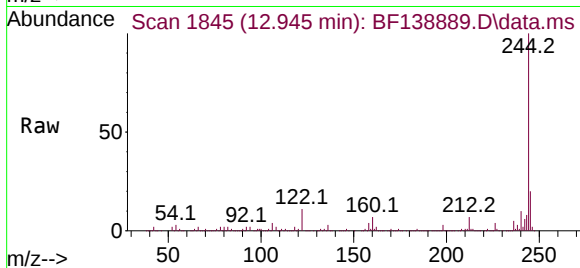
Tgt Ion:244 Resp: 745632

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.157 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138889.D

Acq: 09 Aug 2024 15:31

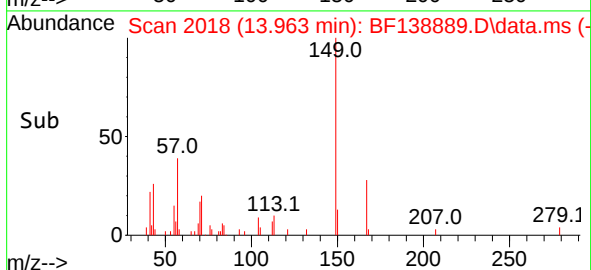
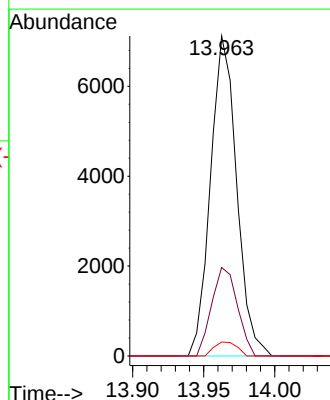
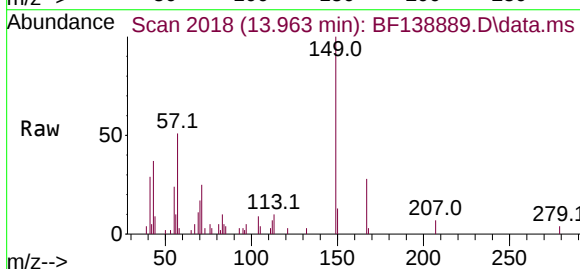
Tgt Ion:149 Resp: 9100

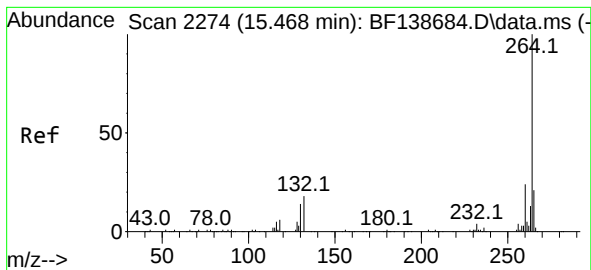
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 4.3 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138889.D

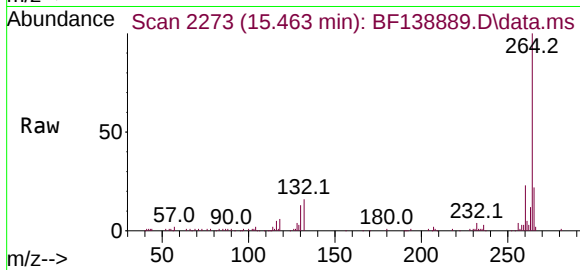
Acq: 09 Aug 2024 15:31

Instrument :

BNA_F

ClientSampleId :

MLS-15-682-697



Tgt Ion:264 Resp: 84298

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.0 17.0 25.6

