

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)

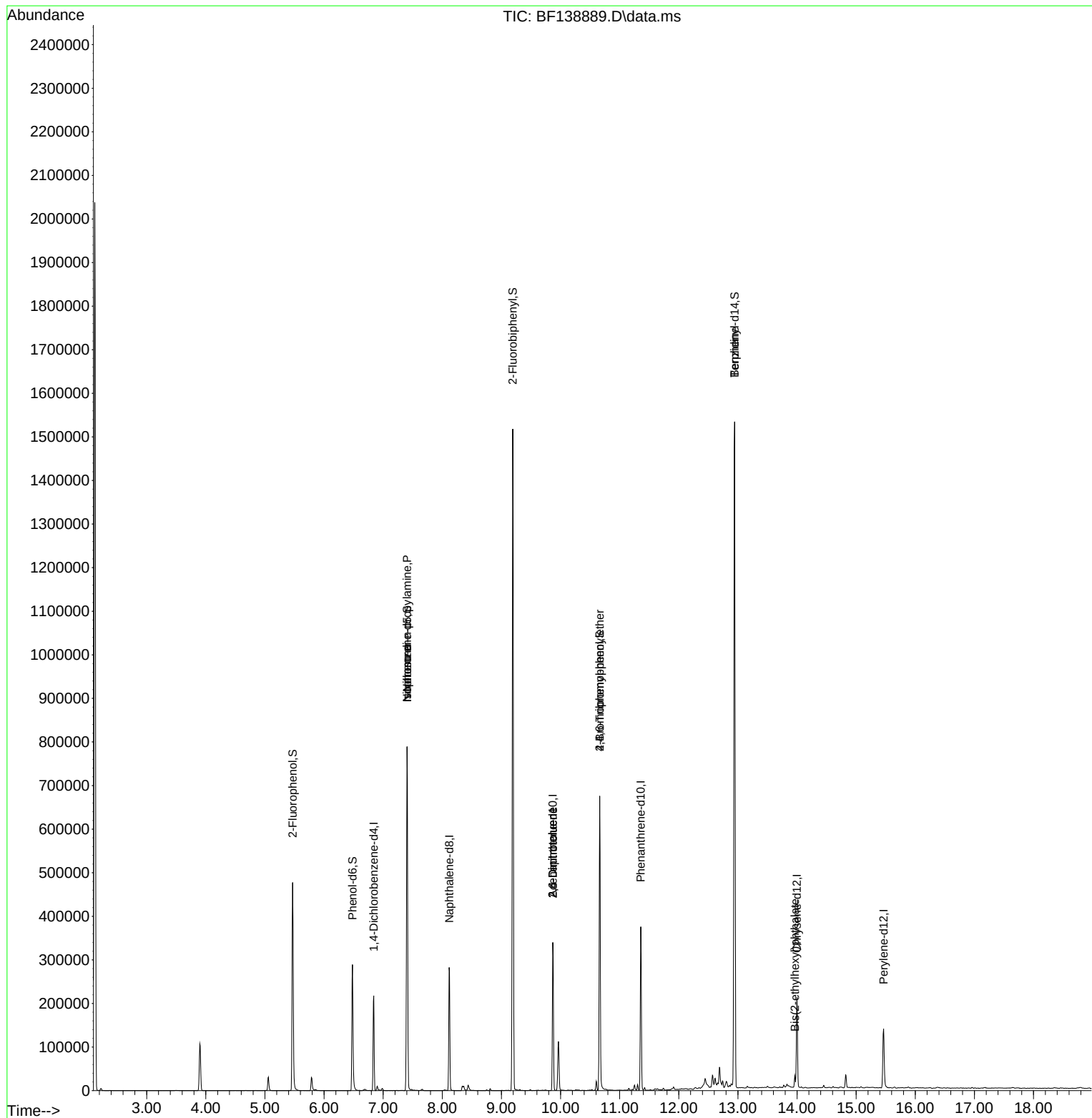
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41552	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	172621	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	96013	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	186307	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95544	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.404	70	48485	22.212	ng	# 79
25) Isophorone	7.404	82	345616	57.327	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12797	9.236	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12797	7.239	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	6954	3.447	ng	# 1
77) Benzidine	12.945	184	10769	4.712	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.963	149	9100	2.157	ng	100

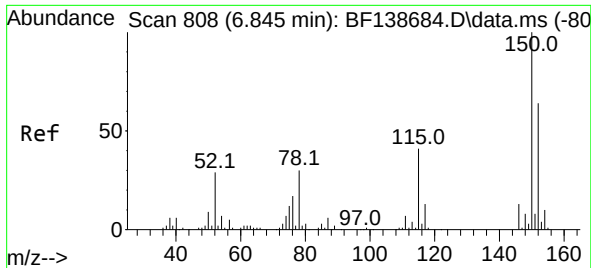
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

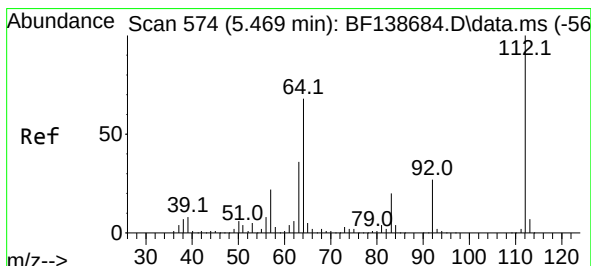
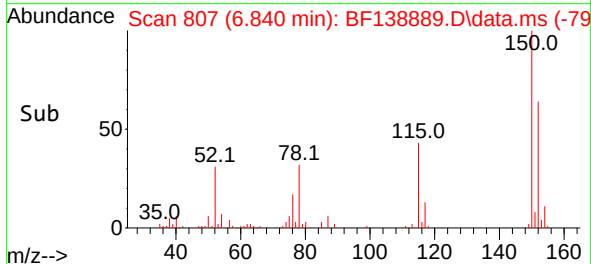
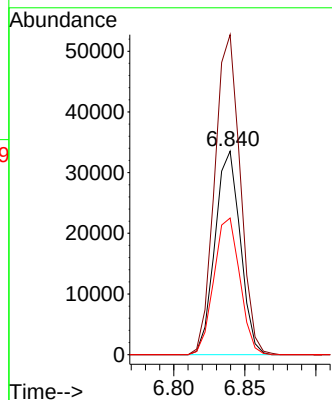
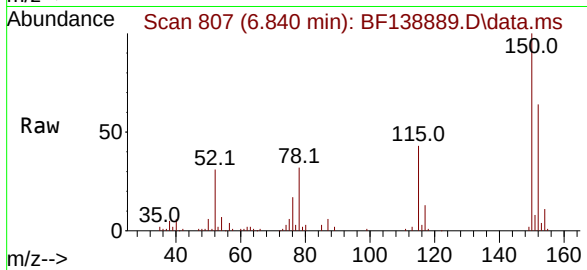




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

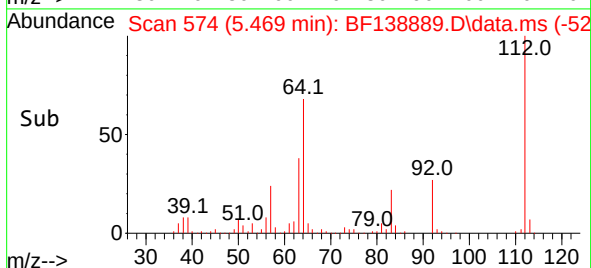
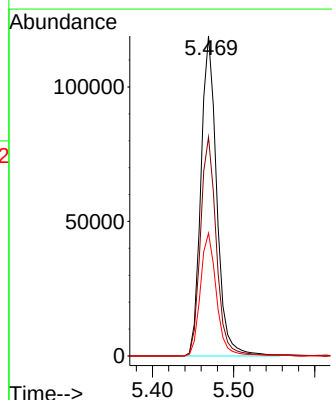
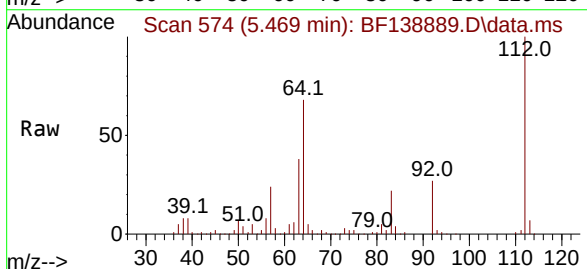
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

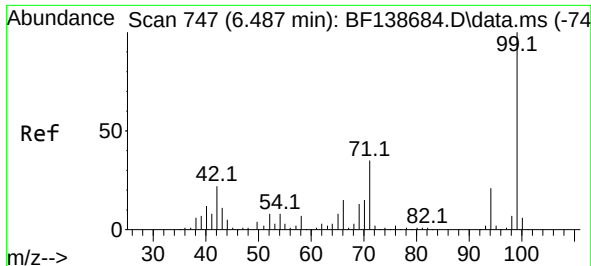
Tgt Ion:152 Resp: 41552
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 67.2 51.7 77.5



#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

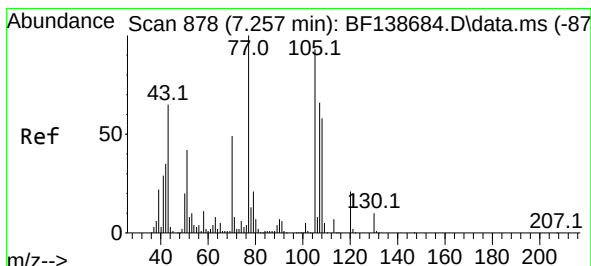
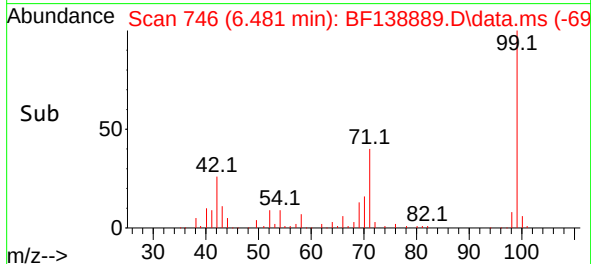
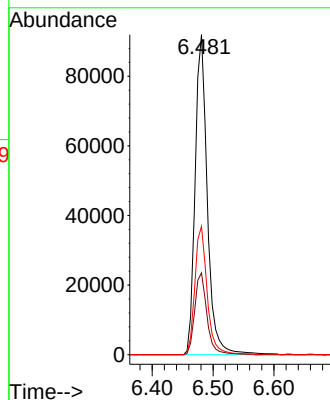
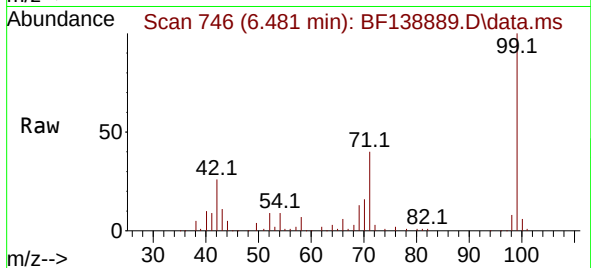




#7
Phenol-d6
Concen: 35.396 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

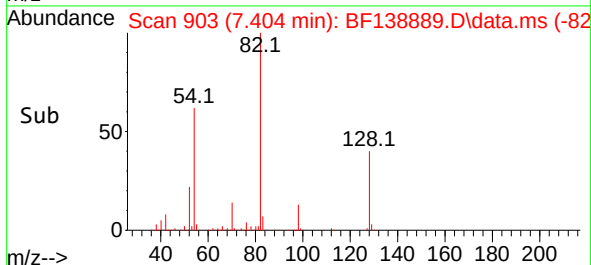
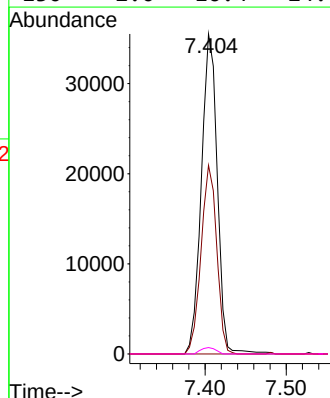
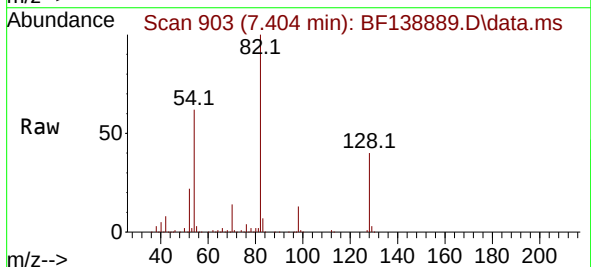
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

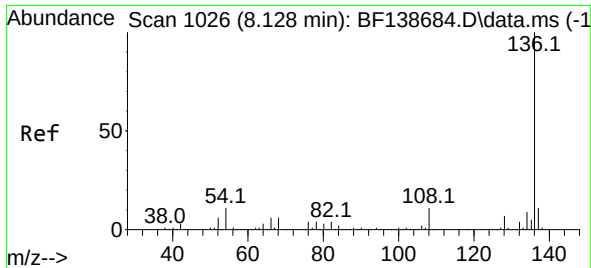
Tgt Ion: 99 Resp: 127922
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.212 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion: 70 Resp: 48485
Ion Ratio Lower Upper
70 100
42 59.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

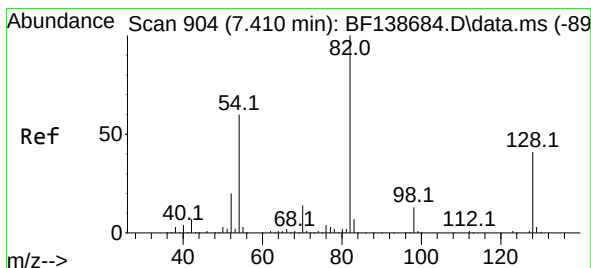
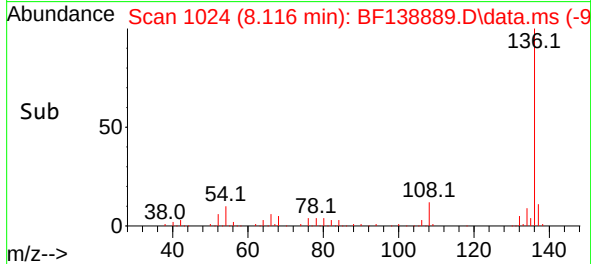
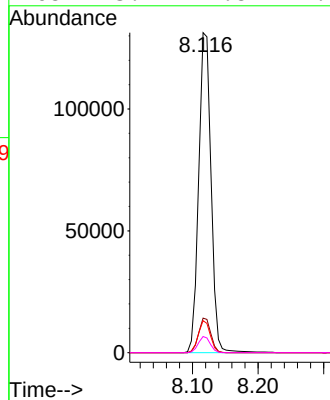
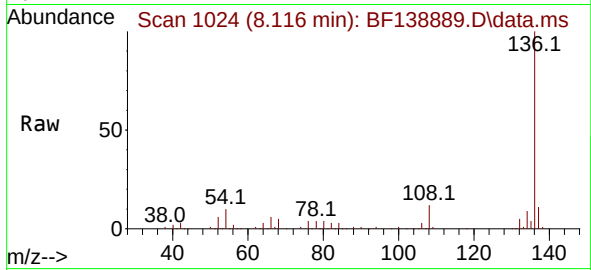




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

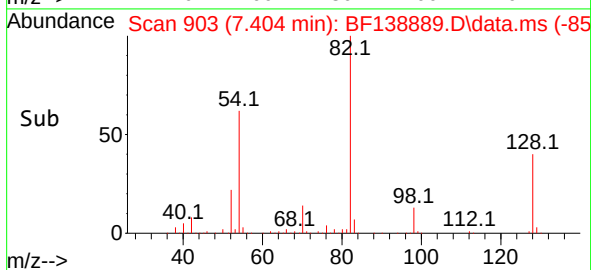
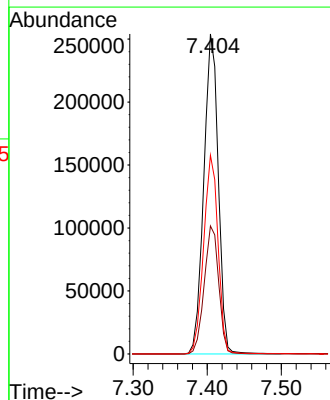
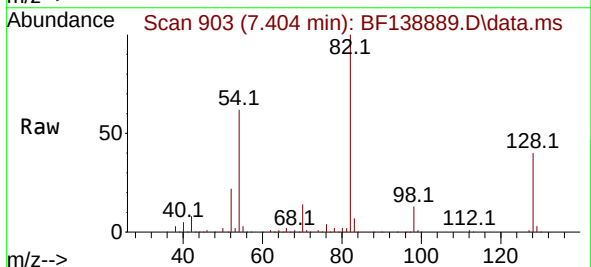
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

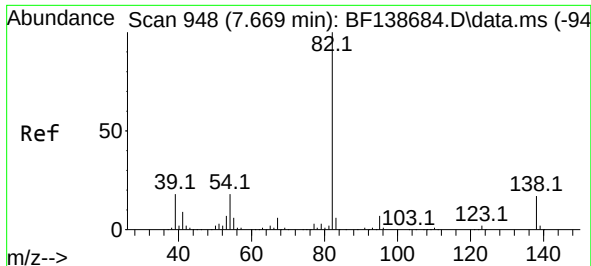
Tgt Ion:	136	Resp:	172621
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.0	8.6	12.8
68	5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 97.877 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

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

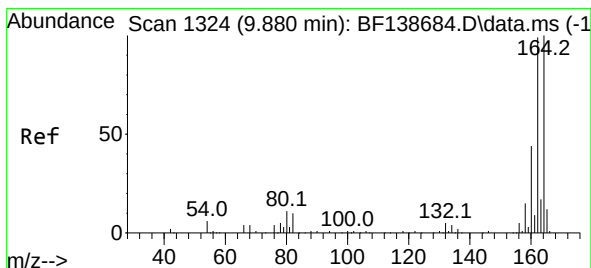
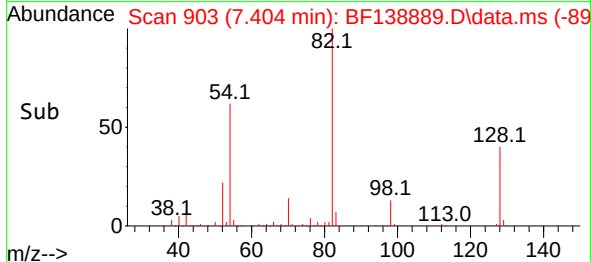
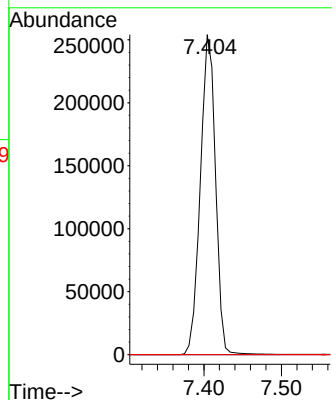
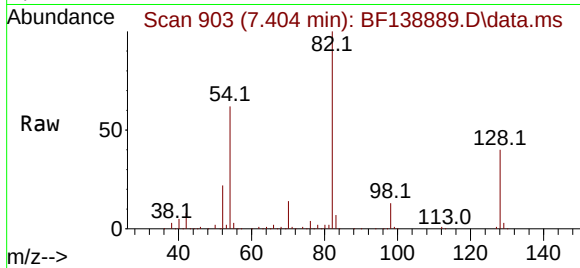




#25
Isophorone
Concen: 57.327 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

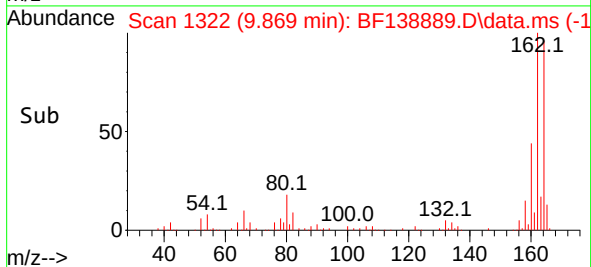
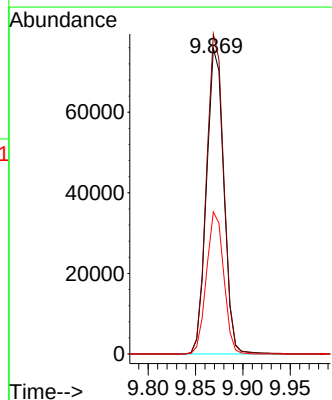
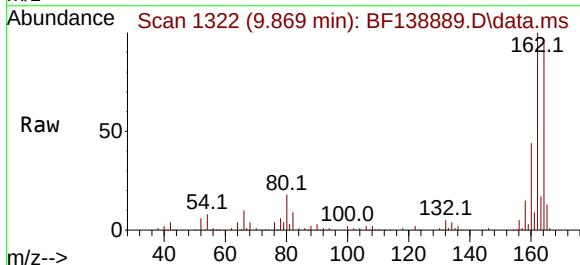
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

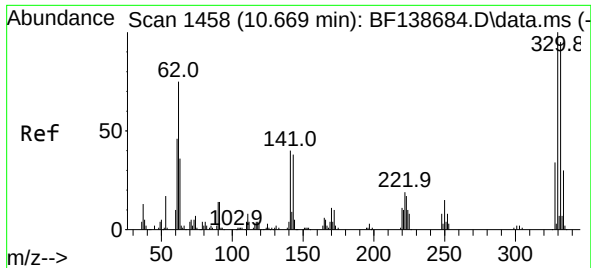
Tgt Ion: 82 Resp: 345616
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#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

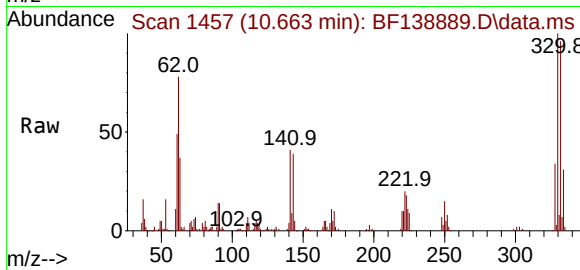
Tgt Ion:164 Resp: 96013
Ion Ratio Lower Upper
164 100
162 104.6 79.4 119.0
160 46.5 35.1 52.7



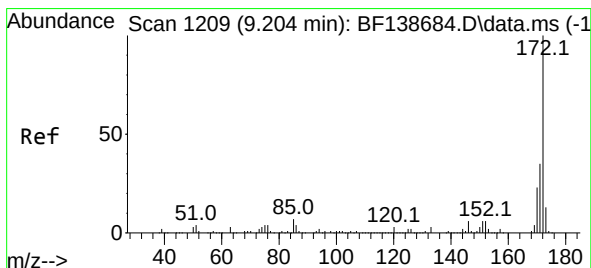
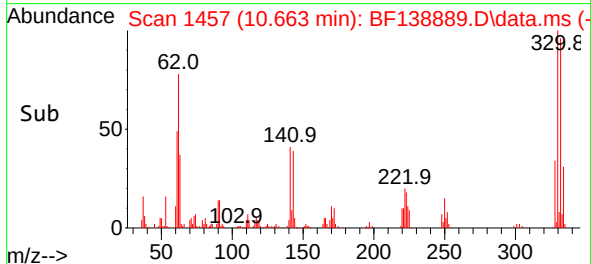
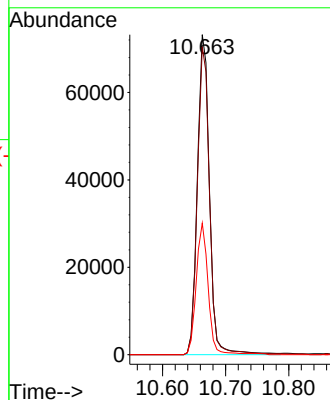


#42
2,4,6-Tribromophenol
Concen: 124.134 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

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

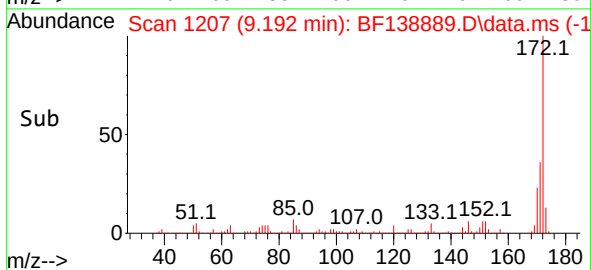
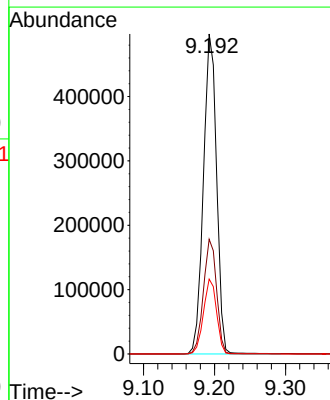
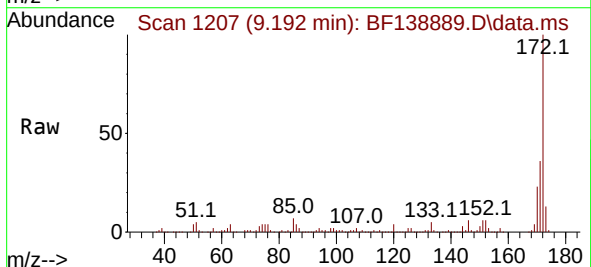


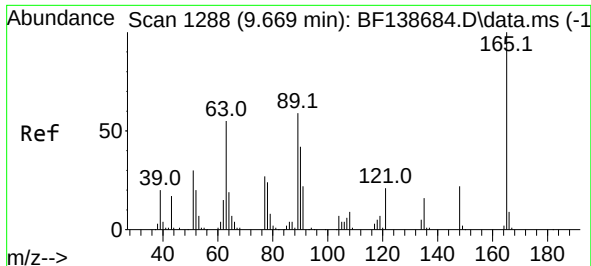
Tgt Ion:330 Resp: 97628
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 40.7 31.1 46.7



#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

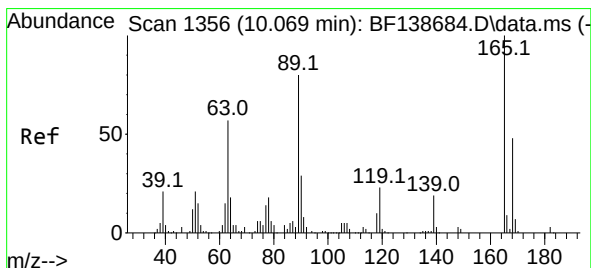
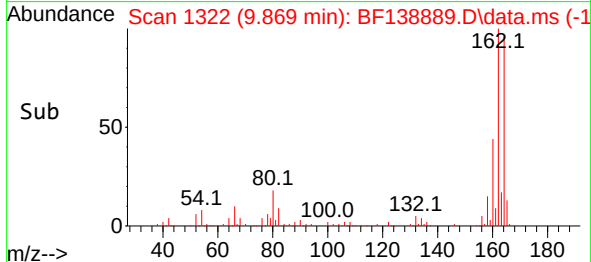
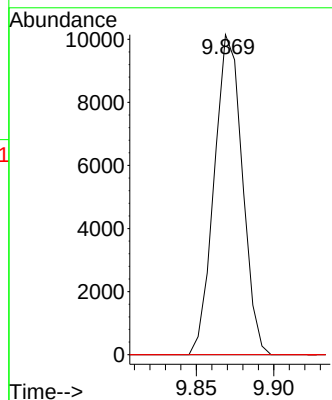
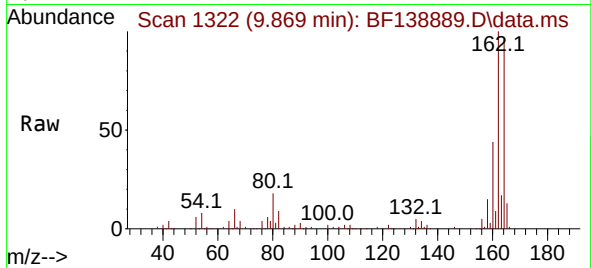




#51
2,6-Dinitrotoluene
Concen: 9.236 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

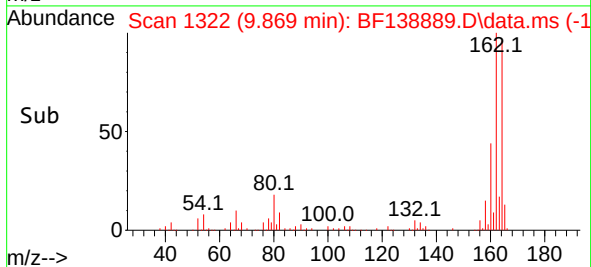
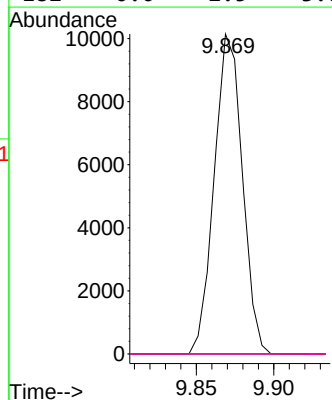
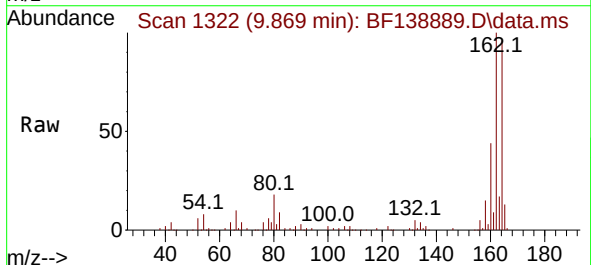
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

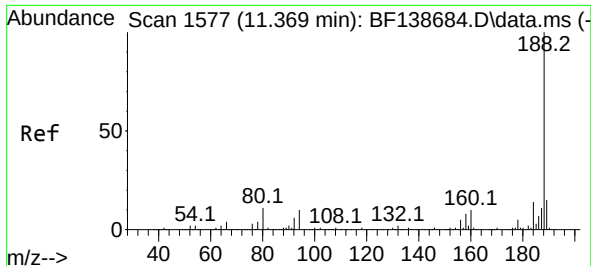
Tgt Ion:165 Resp: 12797
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.239 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion:165 Resp: 12797
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

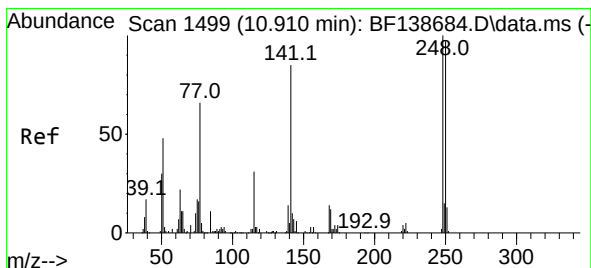
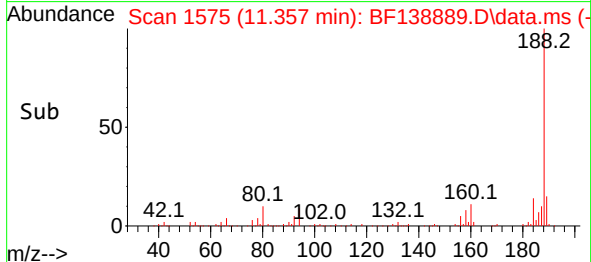
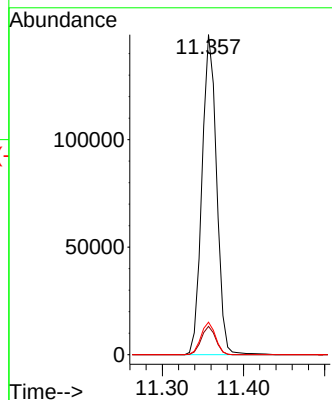
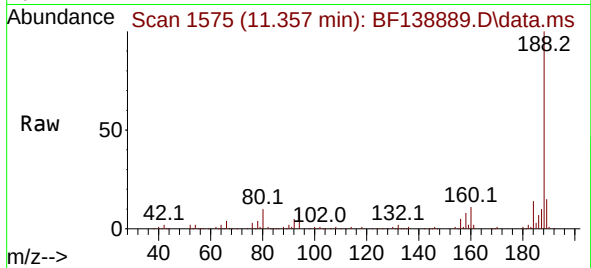




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

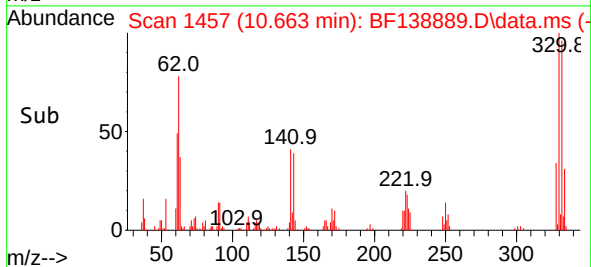
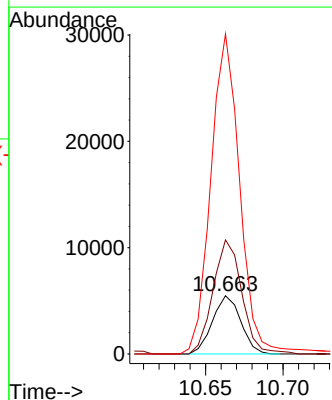
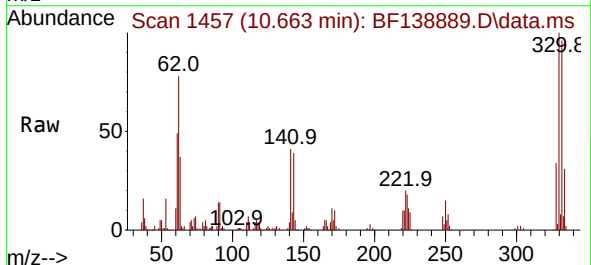
Instrument :
BNA_F
ClientSampleId :
MLS-15-682-697

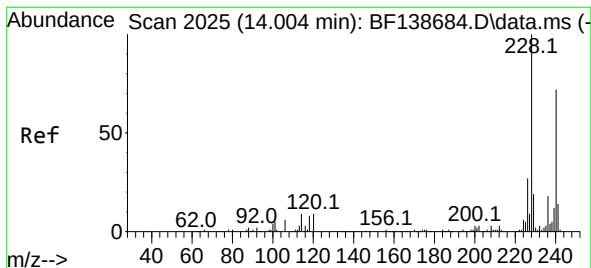
Tgt Ion:188 Resp: 186307
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.1 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138889.D
Acq: 09 Aug 2024 15:31

Tgt Ion:248 Resp: 6954
Ion Ratio Lower Upper
248 100
250 195.8 77.7 116.5#
141 549.5 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138889.D

Acq: 09 Aug 2024 15:31

Instrument :

BNA_F

ClientSampleId :

MLS-15-682-697

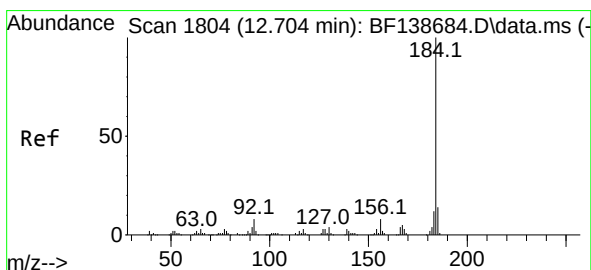
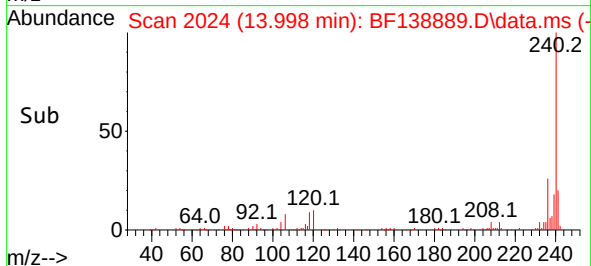
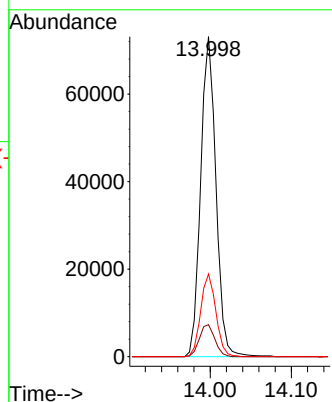
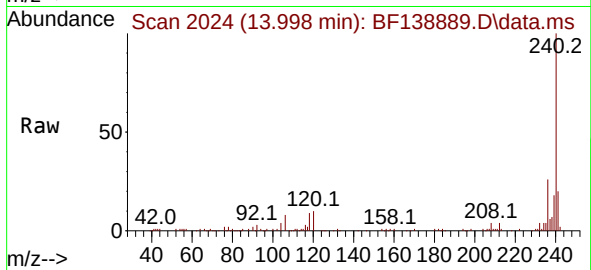
Tgt Ion:240 Resp: 95544

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

236 25.9 19.8 29.8



#77

Benzidine

Concen: 4.712 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138889.D

Acq: 09 Aug 2024 15:31

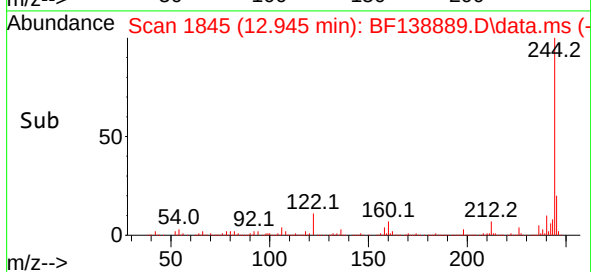
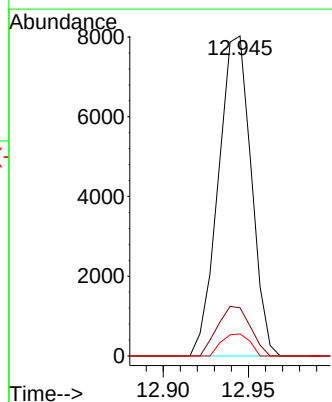
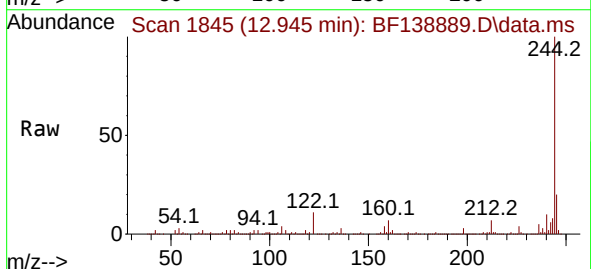
Tgt Ion:184 Resp: 10769

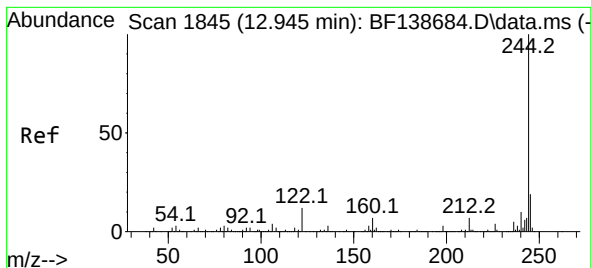
Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

183 6.9 9.6 14.4#





#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

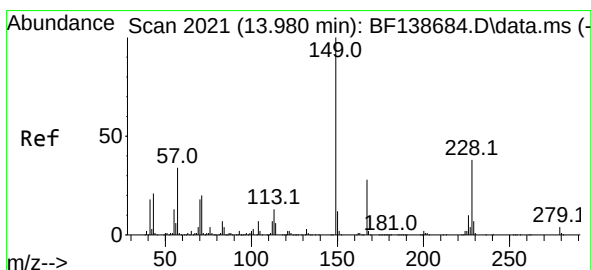
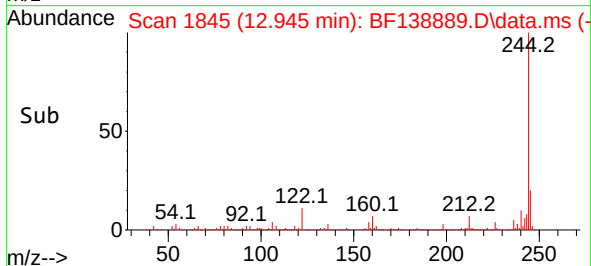
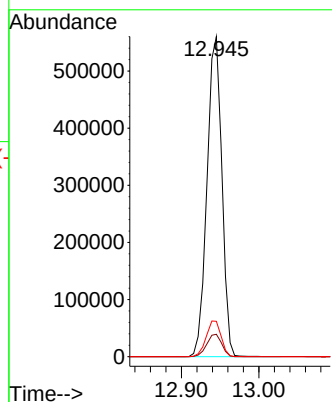
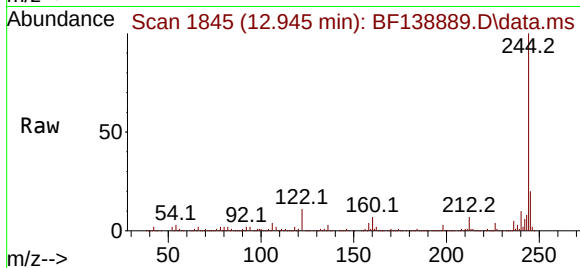
Tgt Ion:244 Resp: 745632

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

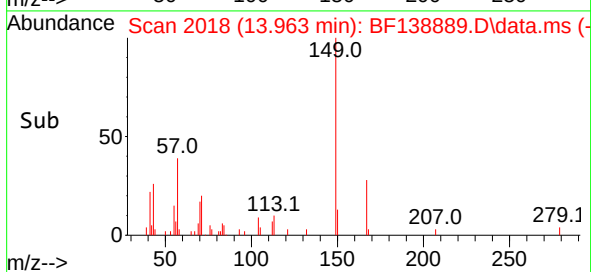
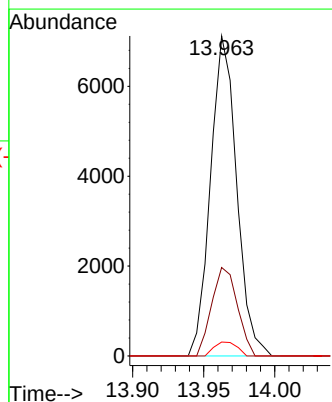
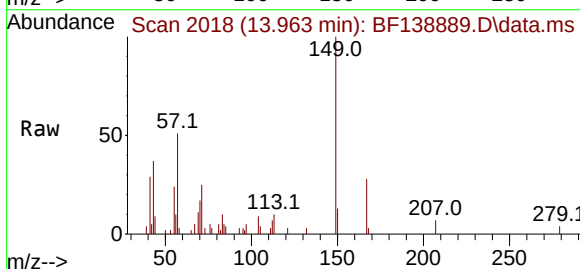
Tgt Ion:149 Resp: 9100

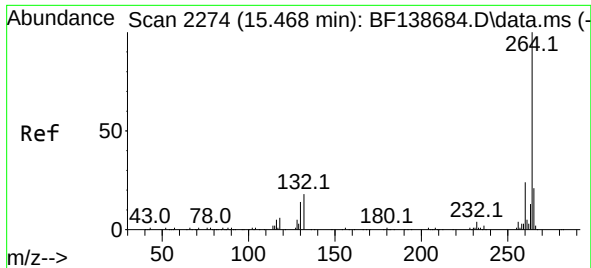
Ion Ratio Lower Upper

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

