

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132119.D
 Acq On : 18 Jan 2023 14:57
 Operator : CG\JU
 Sample : PB150315BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150315BL

Quant Time: Jan 19 05:19:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

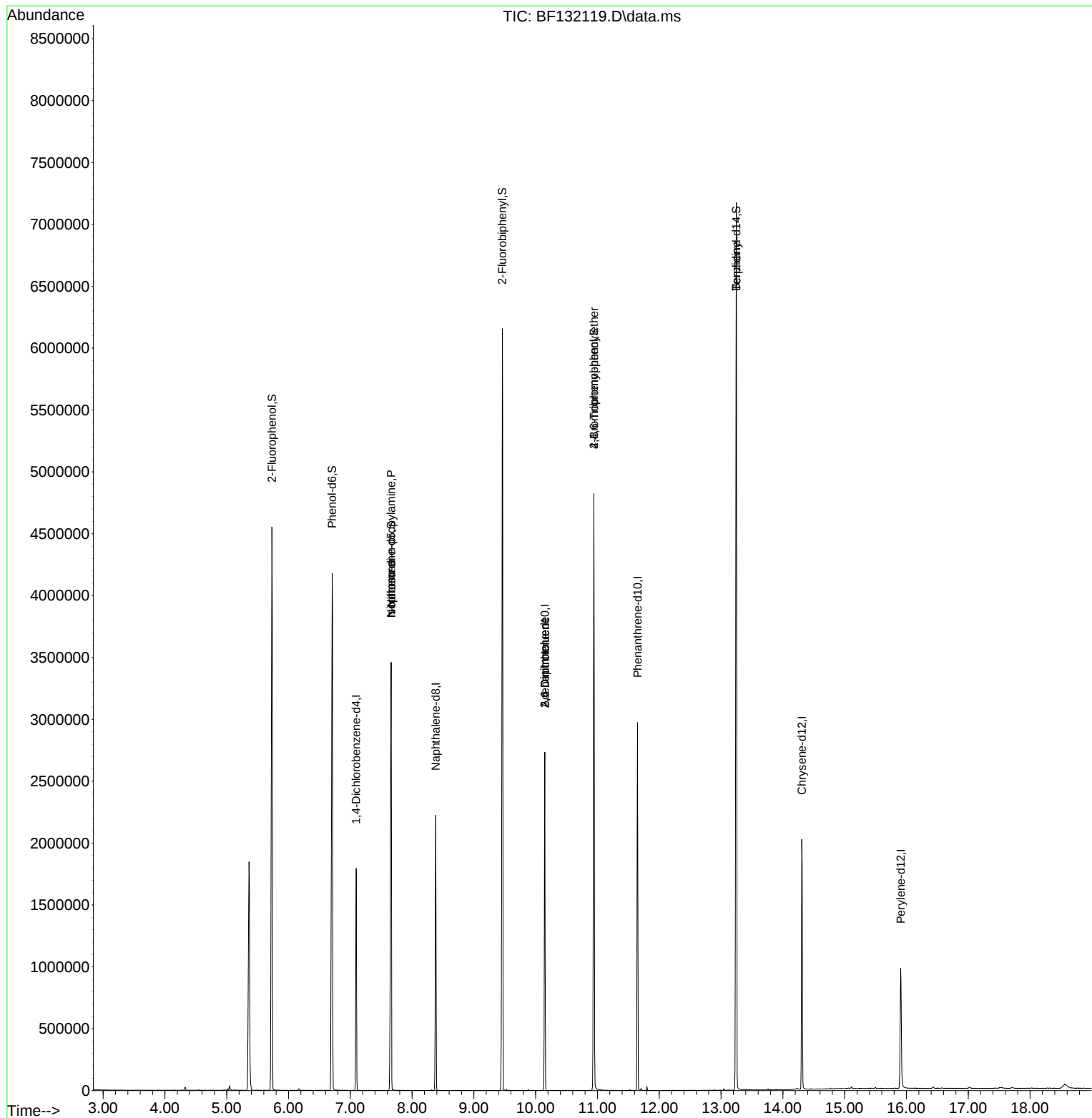
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	237696	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	892953	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	505262	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	1048039	20.000	ng	0.00
76) Chrysene-d12	14.307	240	714902	20.000	ng	0.00
86) Perylene-d12	15.907	264	488896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	1381089	103.373	ng	0.01
7) Phenol-d6	6.707	99	1830256	106.042	ng	0.00
23) Nitrobenzene-d5	7.660	82	1269666	75.473	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	613168	110.916	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2062696	71.030	ng	0.00
79) Terphenyl-d14	13.248	244	2733058	62.029	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	173401	15.980	ng	# 79
25) Isophorone	7.660	82	1268493	37.685	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	66158	8.467	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	66158	6.855	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	39595	3.326	ng	# 1
77) Benzidine	13.248	184	47436	2.464	ng	# 90

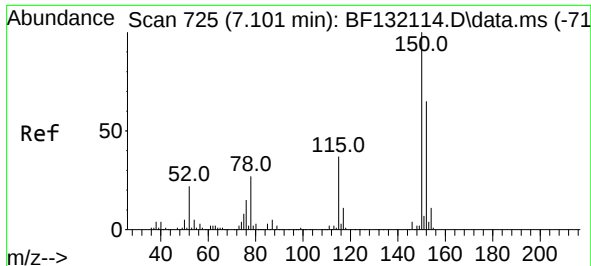
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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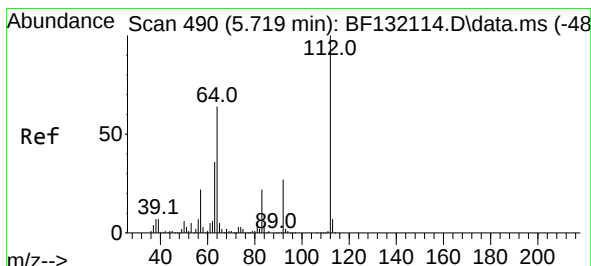
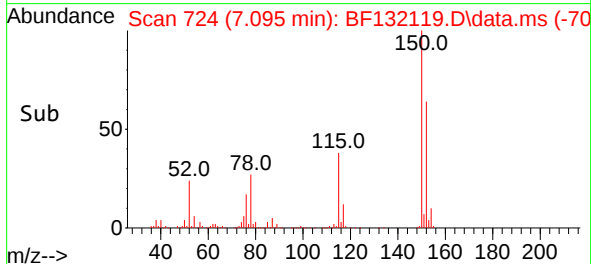
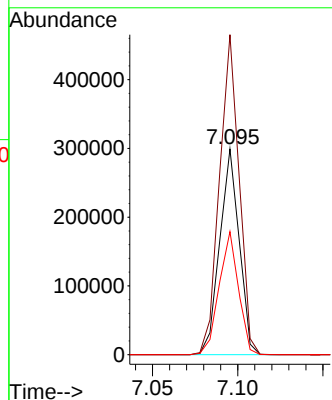
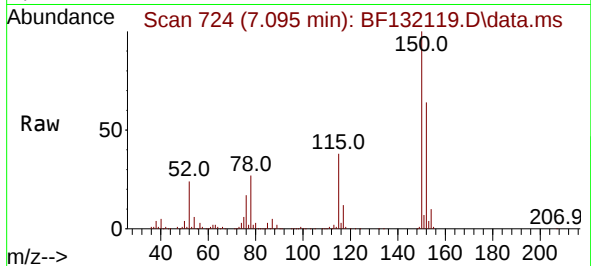




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132119.D
 Acq: 18 Jan 2023 14:57

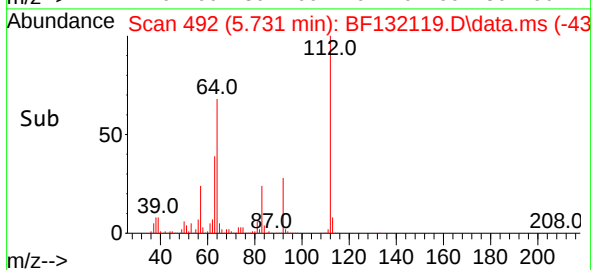
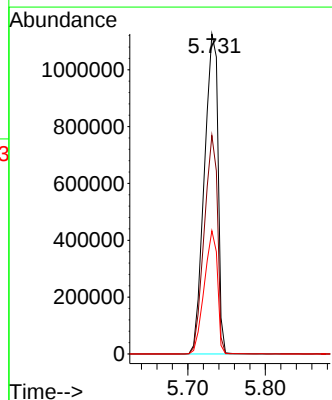
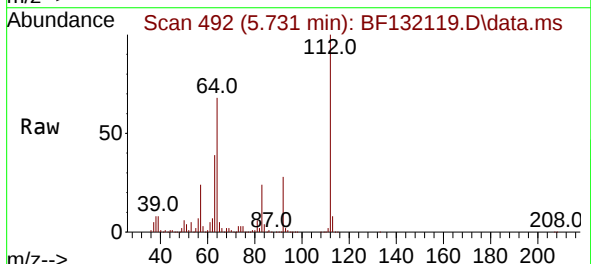
Instrument :
 BNA_F
 ClientSampleId :
 PB150315BL

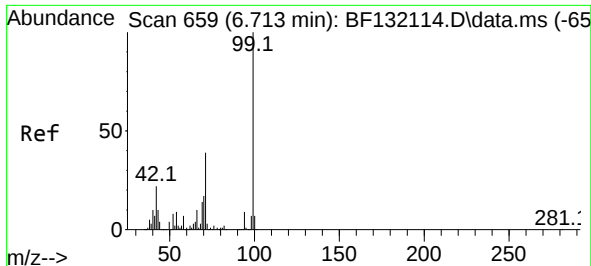
Tgt Ion:152 Resp: 237696
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.3 184.9
 115 59.8 45.8 68.6



#5
 2-Fluorophenol
 Concen: 103.373 ng
 RT: 5.731 min Scan# 492
 Delta R.T. 0.012 min
 Lab File: BF132119.D
 Acq: 18 Jan 2023 14:57

Tgt Ion:112 Resp: 1381089
 Ion Ratio Lower Upper
 112 100
 64 68.3 51.0 76.6
 63 38.5 28.7 43.1

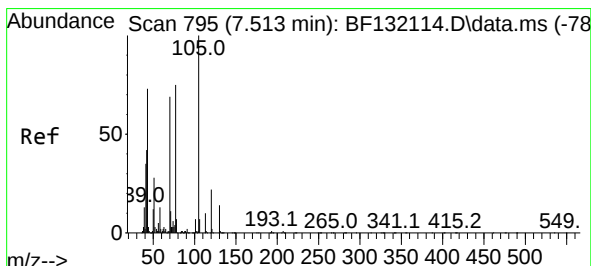
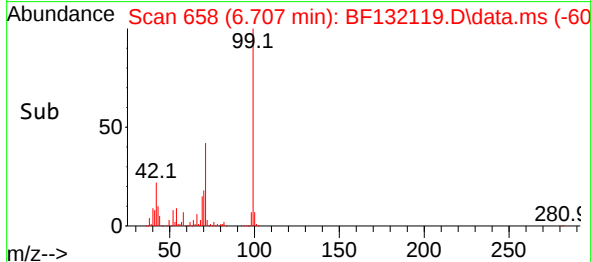
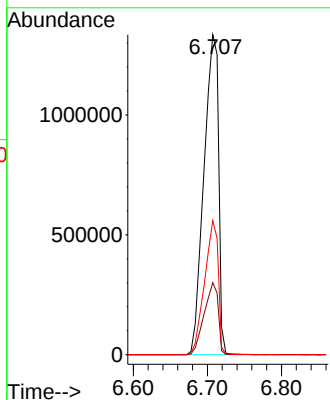
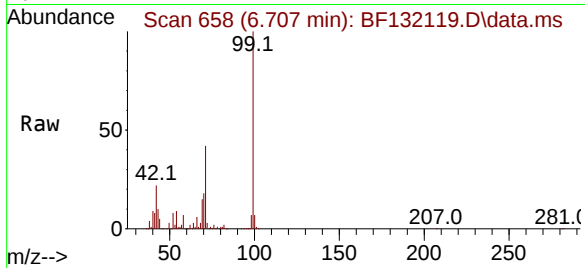




#7
Phenol-d6
Concen: 106.042 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

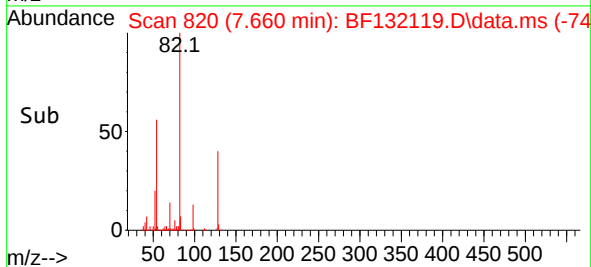
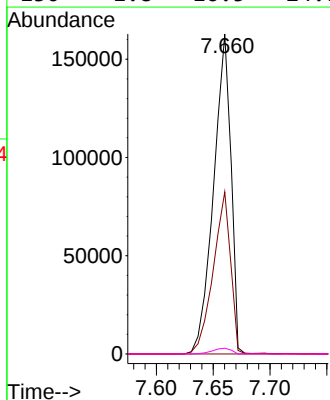
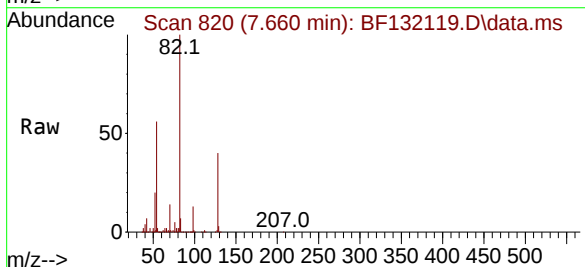
Instrument :
BNA_F
ClientSampleId :
PB150315BL

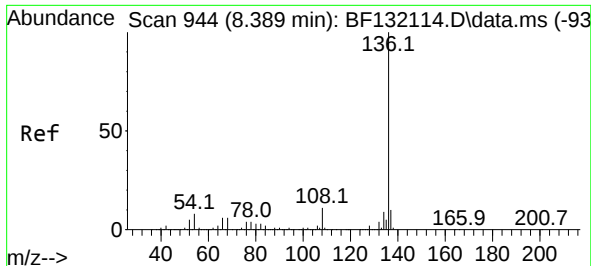
Tgt Ion: 99 Resp: 1830256
Ion Ratio Lower Upper
99 100
42 22.5 17.2 25.8
71 41.9 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.980 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion: 70 Resp: 173401
Ion Ratio Lower Upper
70 100
42 50.7 48.5 72.7
101 0.0 7.8 11.8#
130 1.8 16.5 24.7#

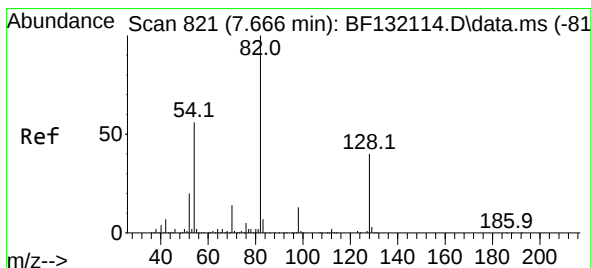
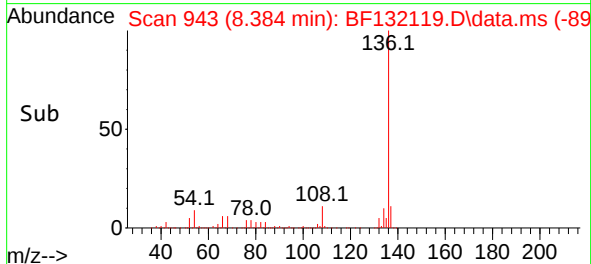
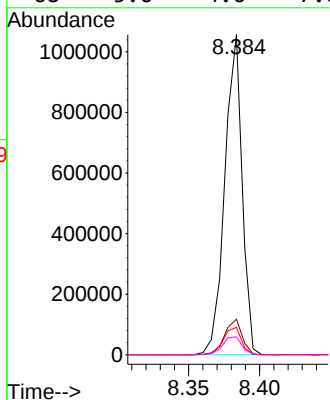
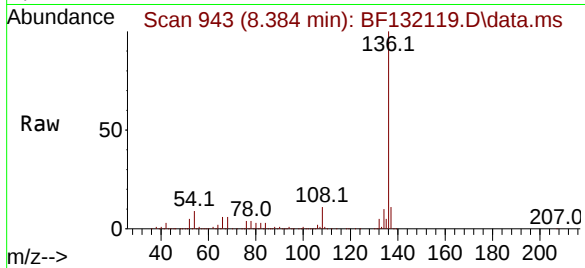




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

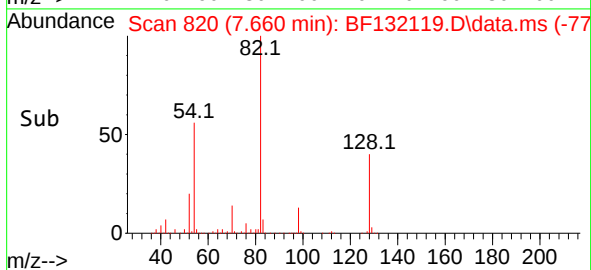
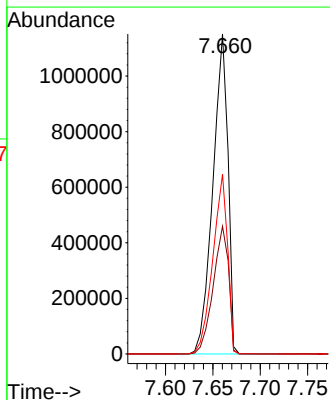
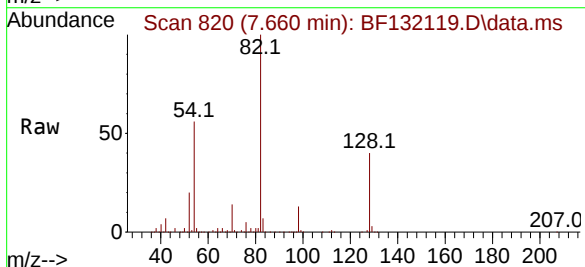
Instrument :
BNA_F
ClientSampleId :
PB150315BL

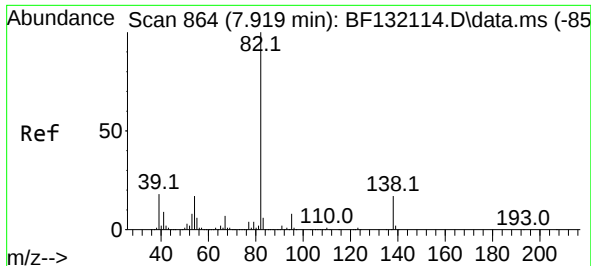
Tgt Ion:136 Resp: 892953
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 6.6 10.0
68 5.6 4.6 7.0



#23
Nitrobenzene-d5
Concen: 75.473 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion: 82 Resp: 1269666
Ion Ratio Lower Upper
82 100
128 39.9 32.0 48.0
54 56.2 45.1 67.7

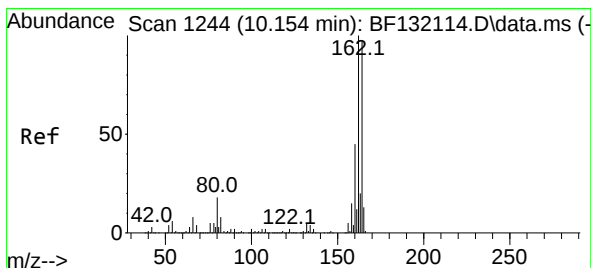
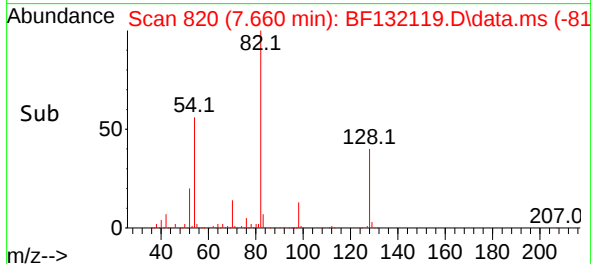
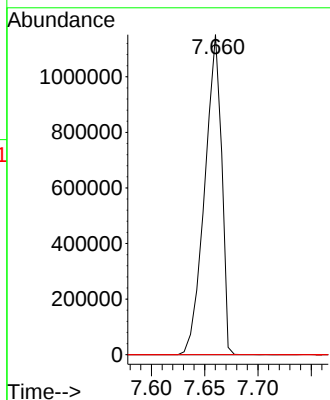
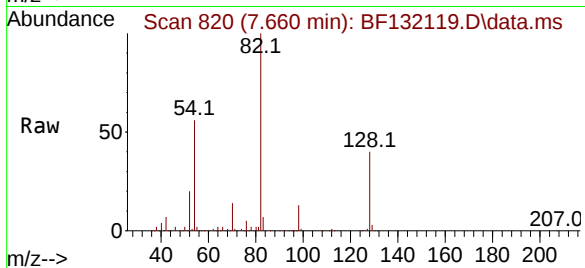




#25
Isophorone
Concen: 37.685 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

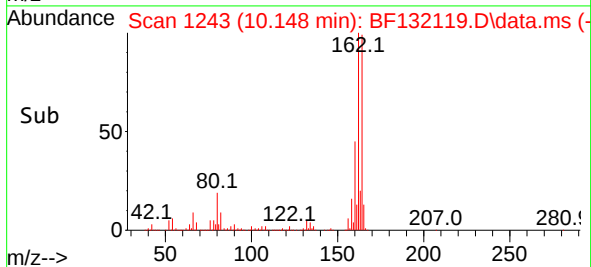
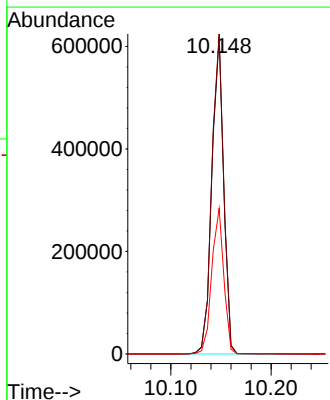
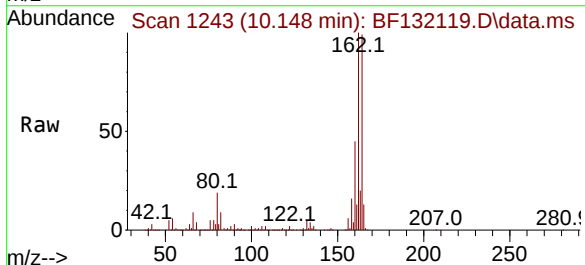
Instrument :
BNA_F
ClientSampleId :
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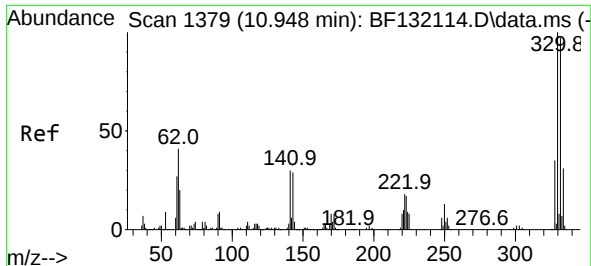
Tgt Ion: 82 Resp: 1268493
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

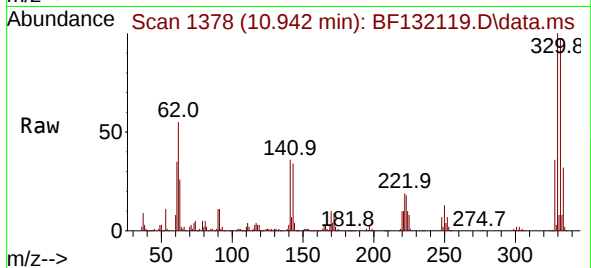
Tgt Ion:164 Resp: 505262
Ion Ratio Lower Upper
164 100
162 100.9 82.3 123.5
160 45.9 37.3 55.9



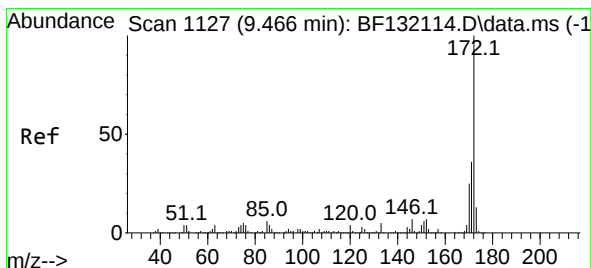
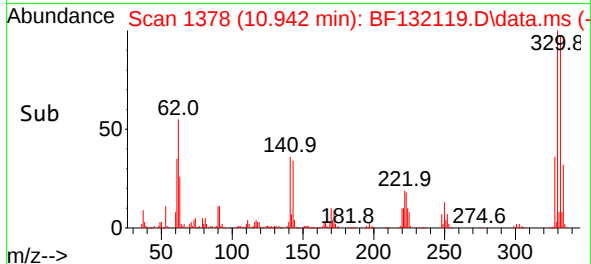
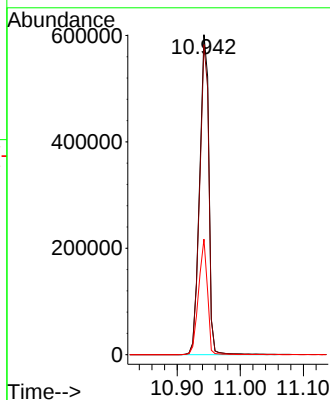


#42
2,4,6-Tribromophenol
Concen: 110.916 ng
RT: 10.942 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Instrument :
BNA_F
ClientSampleId :
PB150315BL

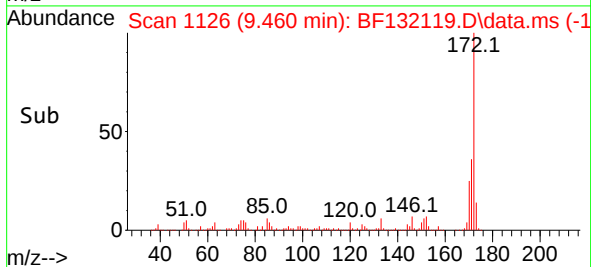
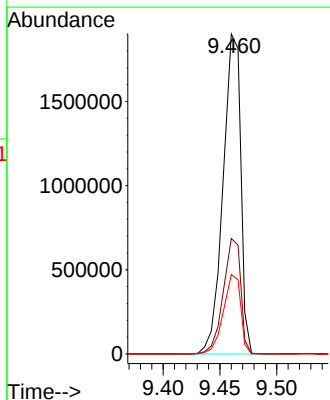
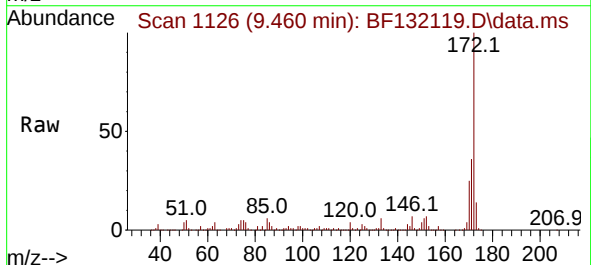


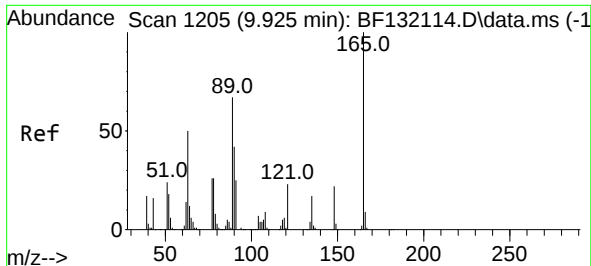
Tgt Ion:330 Resp: 613168
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 34.3 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 71.030 ng
RT: 9.460 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion:172 Resp: 2062696
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.8 19.7 29.5

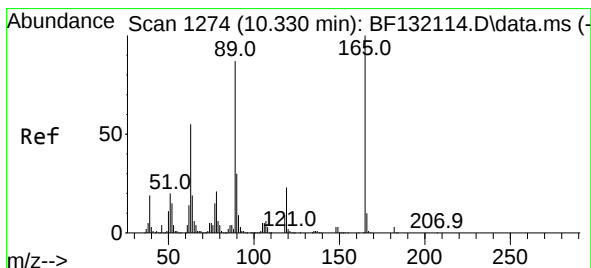
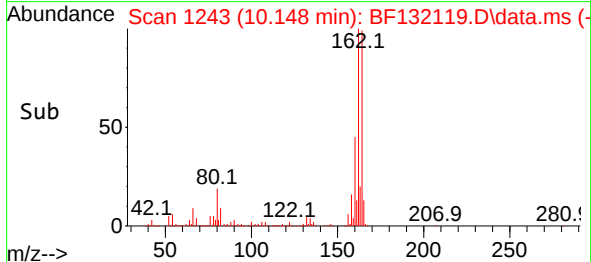
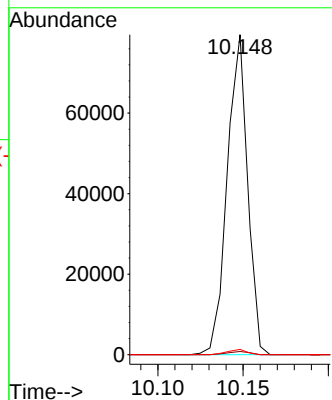
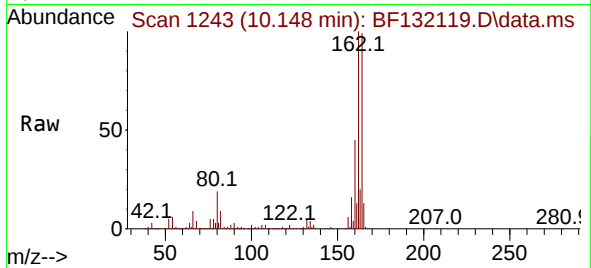




#51
2,6-Dinitrotoluene
Concen: 8.467 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.224 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

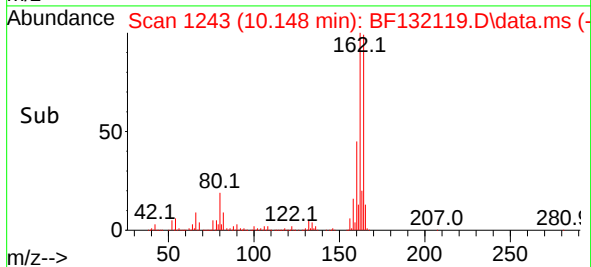
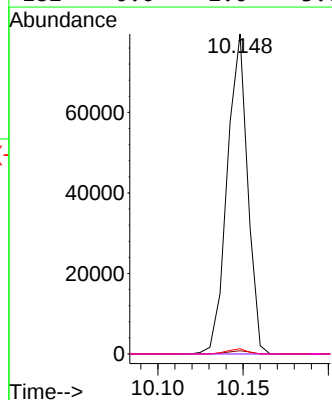
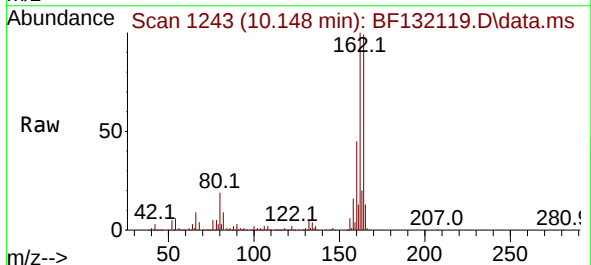
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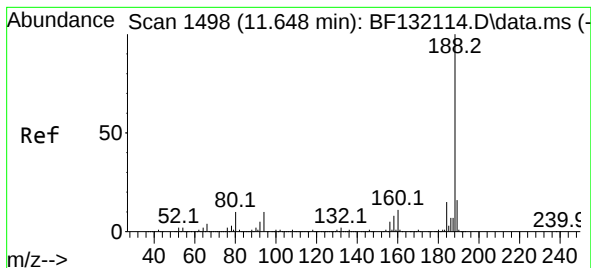
Tgt Ion:165 Resp: 66158
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.6 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.182 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion:165 Resp: 66158
Ion Ratio Lower Upper
165 100
63 1.0 44.1 66.1#
89 1.6 69.3 103.9#
182 0.0 2.0 3.0#

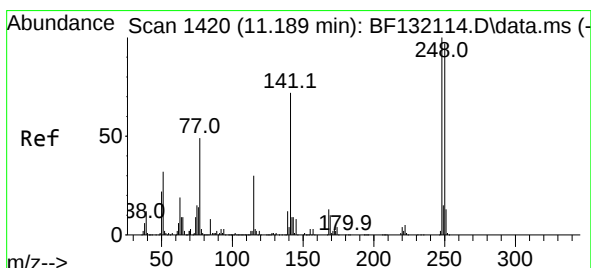
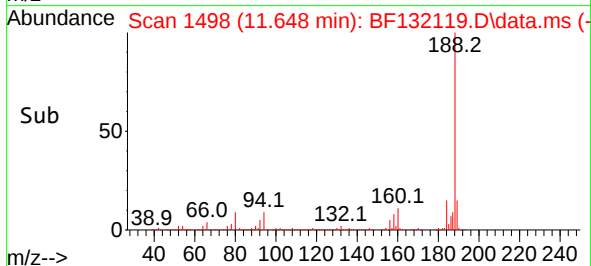
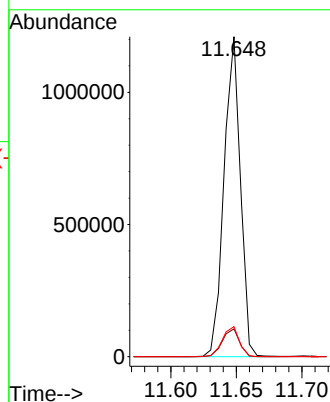
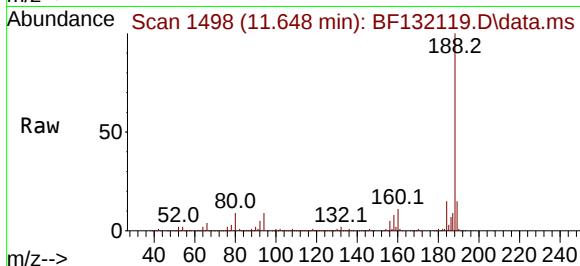




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

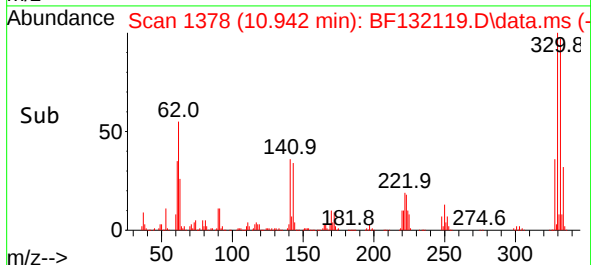
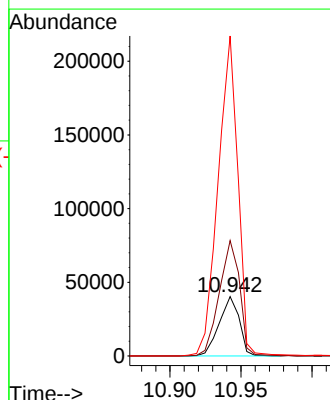
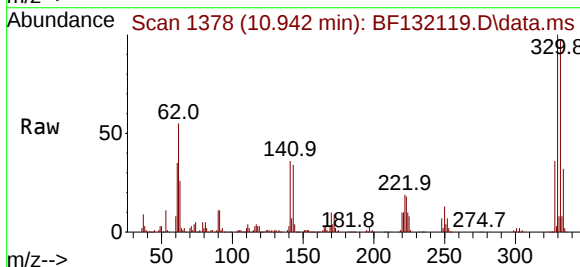
Instrument :
BNA_F
ClientSampleId :
PB150315BL

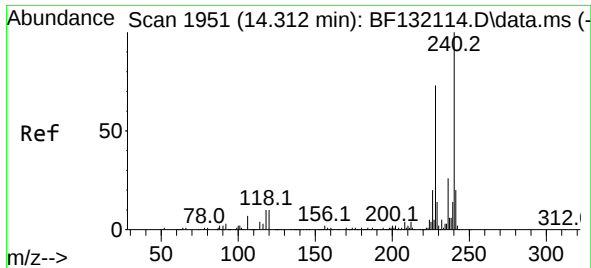
Tgt Ion:188 Resp: 1048039
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.326 ng
RT: 10.942 min Scan# 1378
Delta R.T. -0.247 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion:248 Resp: 39595
Ion Ratio Lower Upper
248 100
250 194.0 77.8 116.8#
141 538.4 57.6 86.4#

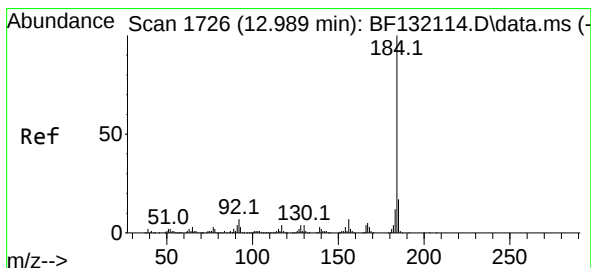
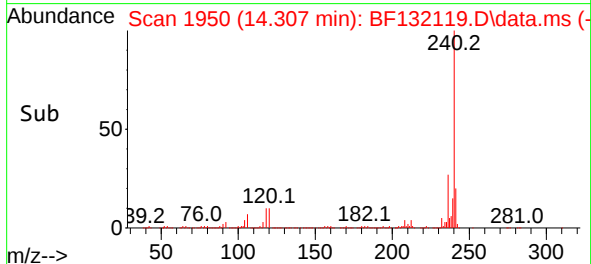
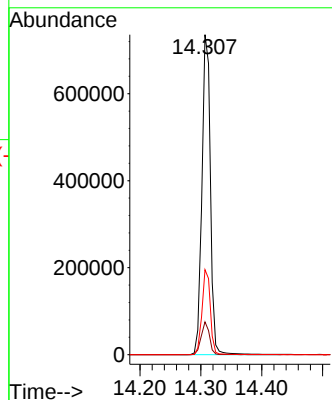
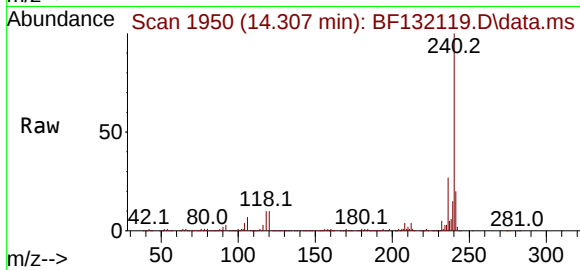




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

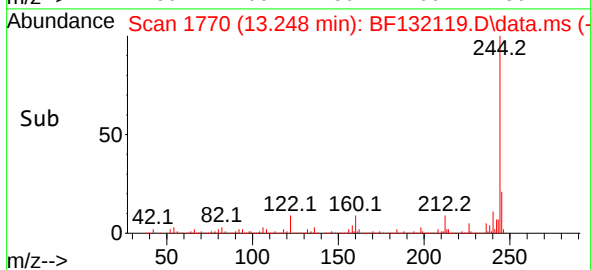
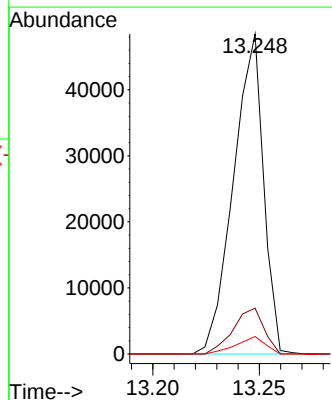
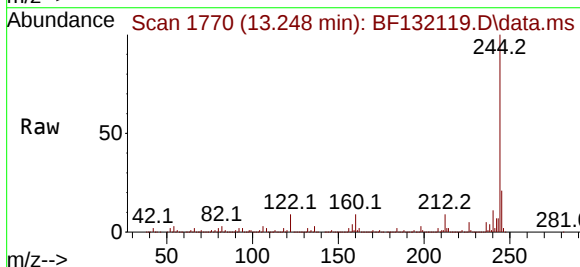
Instrument :
BNA_F
ClientSampleId :
PB150315BL

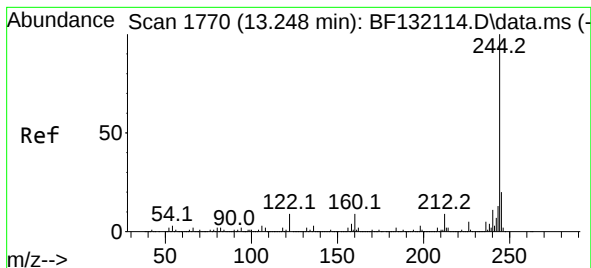
Tgt Ion:240 Resp: 714902
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.5 21.2 31.8



#77
Benzidine
Concen: 2.464 ng
RT: 13.248 min Scan# 1770
Delta R.T. 0.259 min
Lab File: BF132119.D
Acq: 18 Jan 2023 14:57

Tgt Ion:184 Resp: 47436
Ion Ratio Lower Upper
184 100
185 14.3 13.7 20.5
183 5.5 9.4 14.0#





#79

Terphenyl-d14

Concen: 62.029 ng

RT: 13.248 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132119.D

Acq: 18 Jan 2023 14:57

Instrument :

BNA_F

ClientSampleId :

PB150315BL

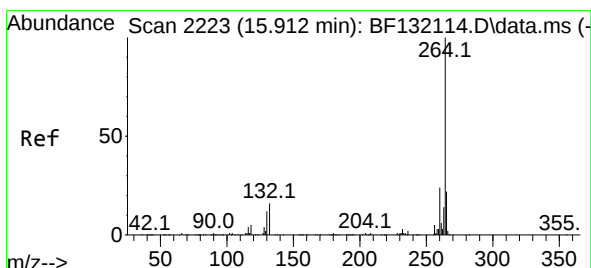
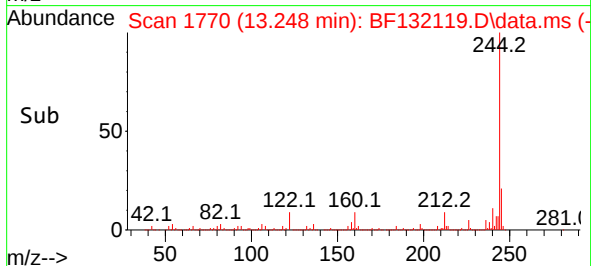
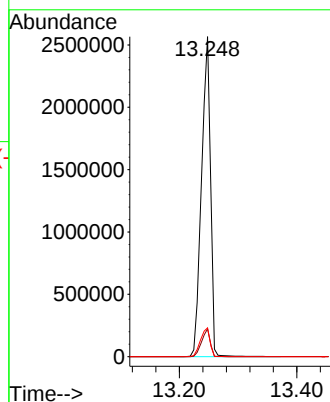
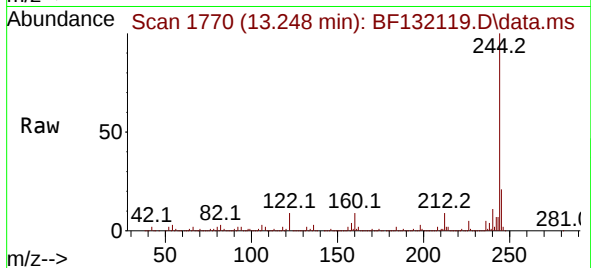
Tgt Ion:244 Resp: 2733058

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

122 9.0 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF132119.D

Acq: 18 Jan 2023 14:57

Tgt Ion:264 Resp: 488896

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.0 17.5 26.3

