

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132122.D
 Acq On : 18 Jan 2023 17:11
 Operator : CG\JU
 Sample : PB150317BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BL

Quant Time: Jan 19 05:20:02 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)

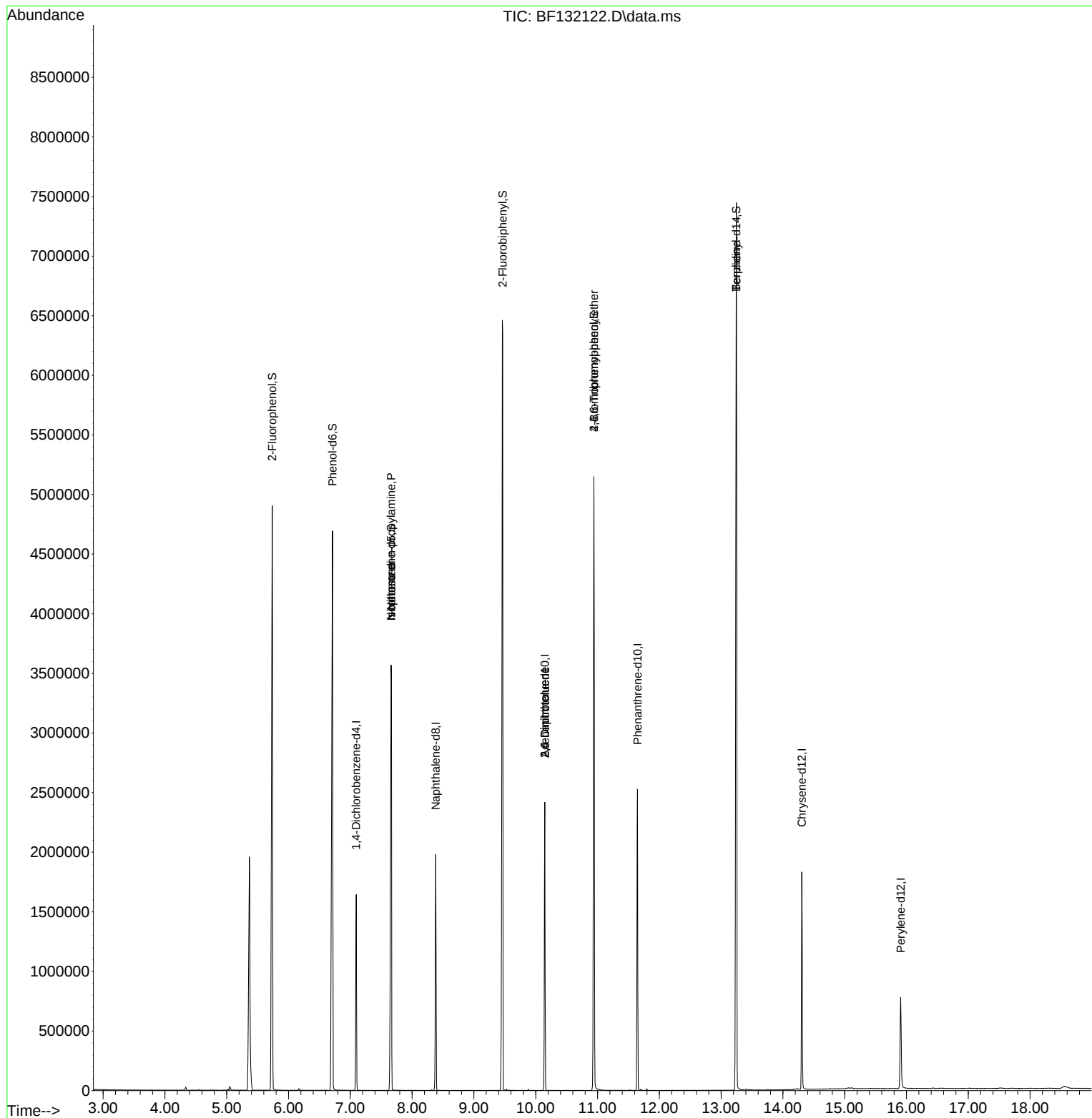
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	214344	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	800921	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	450650	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	933384	20.000	ng	0.00
76) Chrysene-d12	14.307	240	607716	20.000	ng	0.00
86) Perylene-d12	15.906	264	384832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1596895	132.547	ng	0.02
7) Phenol-d6	6.713	99	2084778	133.948	ng	0.00
23) Nitrobenzene-d5	7.660	82	1450685	96.143	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	694701	140.893	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2314392	89.356	ng	0.00
79) Terphenyl-d14	13.248	244	3043233	81.251	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.660	70	204313	20.880	ng	Qvalue # 80
25) Isophorone	7.660	82	1449141	47.999	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	59493	8.537	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	59493	6.911	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	45527	4.294	ng	# 1
77) Benzidine	13.248	184	52384	3.201	ng	# 93

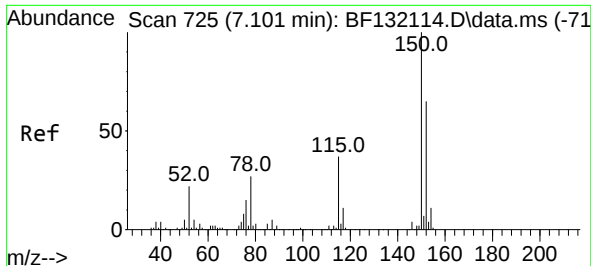
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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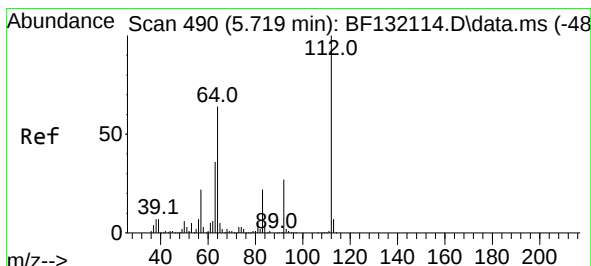
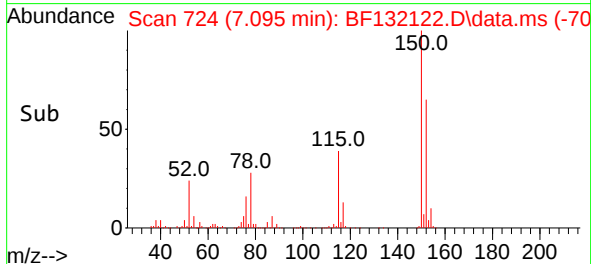
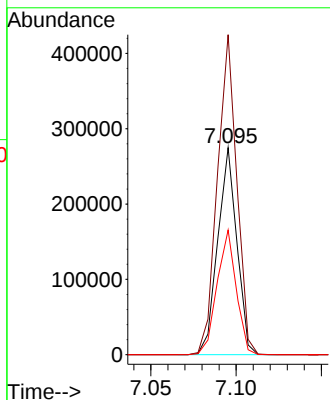
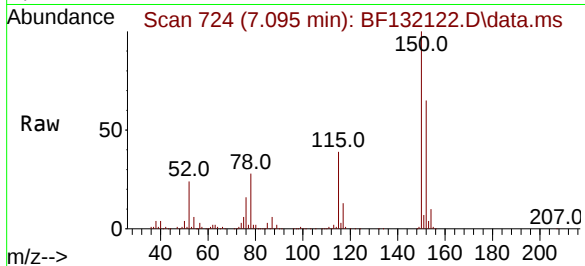




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

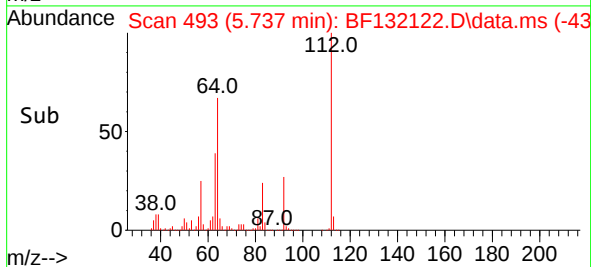
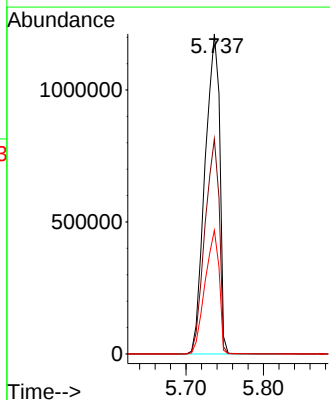
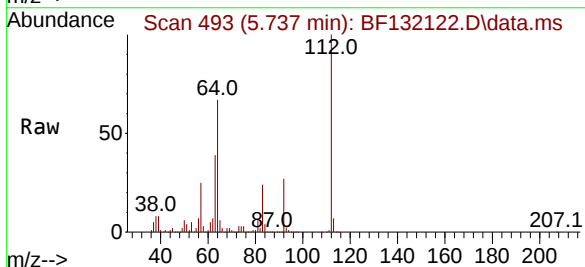
Instrument :
BNA_F
ClientSampleId :
PB150317BL

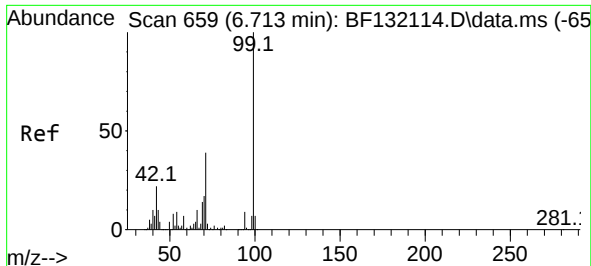
Tgt Ion:152 Resp: 214344
Ion Ratio Lower Upper
152 100
150 154.6 123.3 184.9
115 60.2 45.8 68.6



#5
2-Fluorophenol
Concen: 132.547 ng
RT: 5.737 min Scan# 493
Delta R.T. 0.018 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion:112 Resp: 1596895
Ion Ratio Lower Upper
112 100
64 67.2 51.0 76.6
63 38.6 28.7 43.1

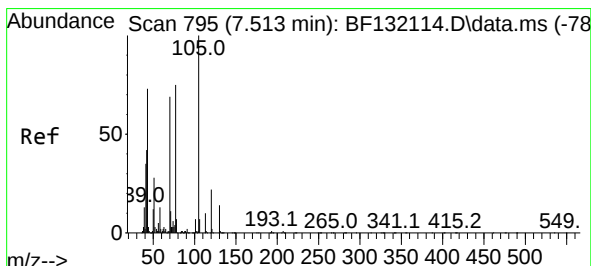
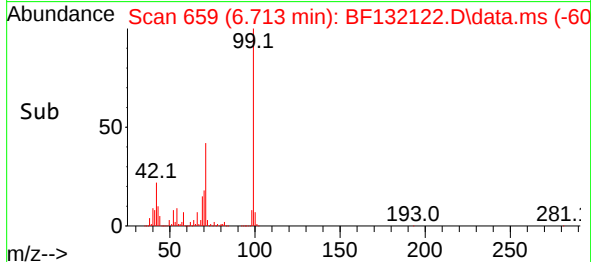
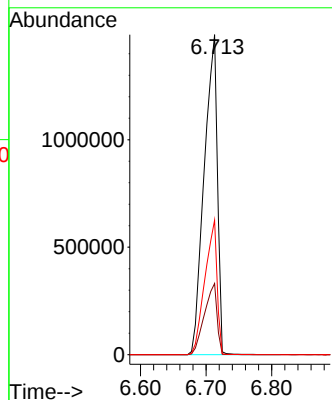
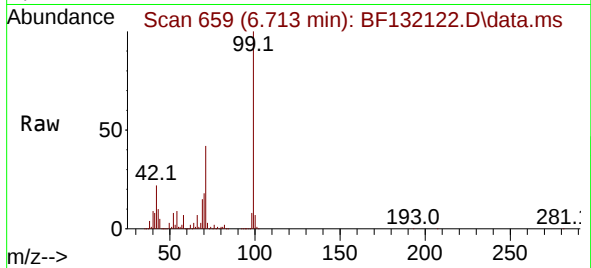




#7
Phenol-d6
Concen: 133.948 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

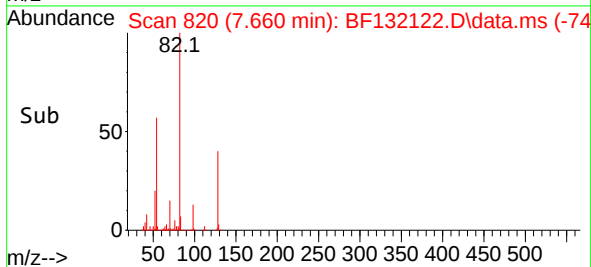
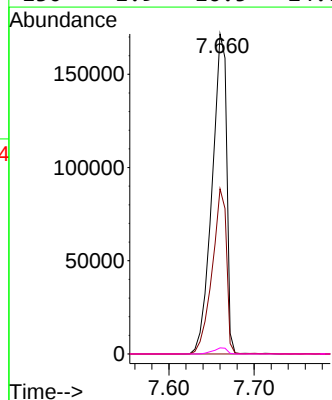
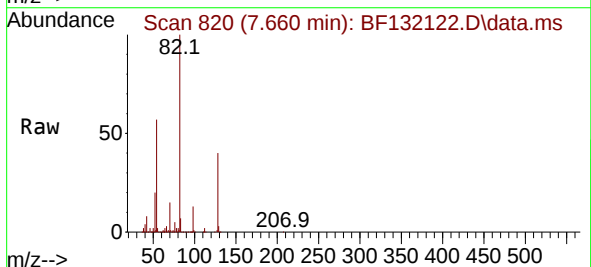
Instrument :
BNA_F
ClientSampleId :
PB150317BL

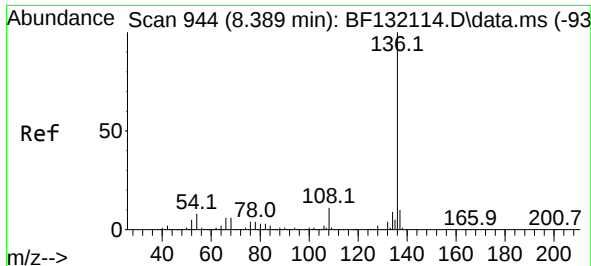
Tgt Ion: 99 Resp: 2084778
Ion Ratio Lower Upper
99 100
42 22.3 17.2 25.8
71 42.1 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.880 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion: 70 Resp: 204313
Ion Ratio Lower Upper
70 100
42 51.6 48.5 72.7
101 0.0 7.8 11.8#
130 1.9 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.383 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB150317BL

Tgt Ion:136 Resp: 800921

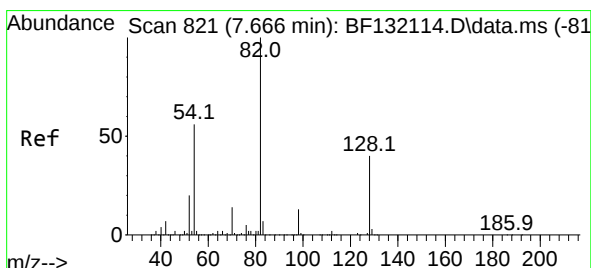
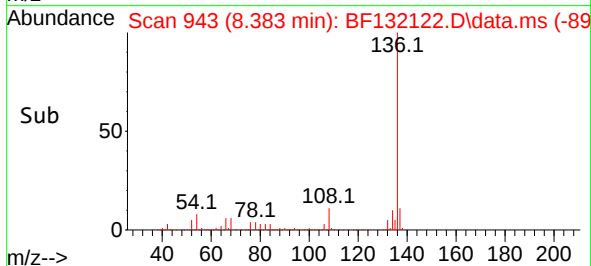
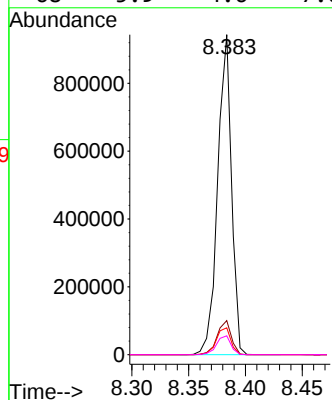
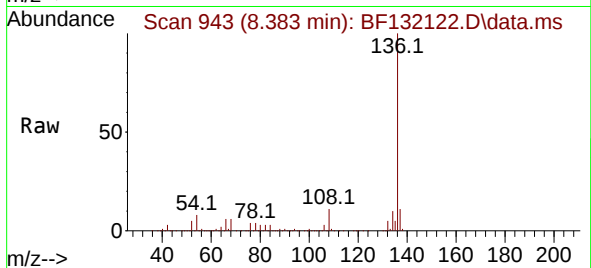
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.4 6.6 10.0

68 5.9 4.6 7.0



#23

Nitrobenzene-d5

Concen: 96.143 ng

RT: 7.660 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

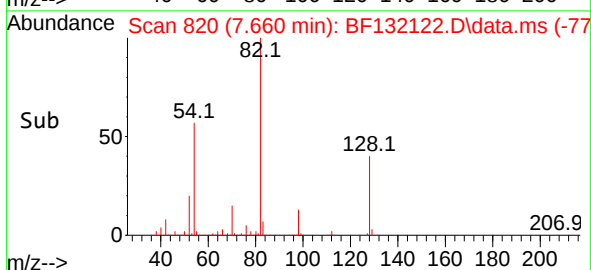
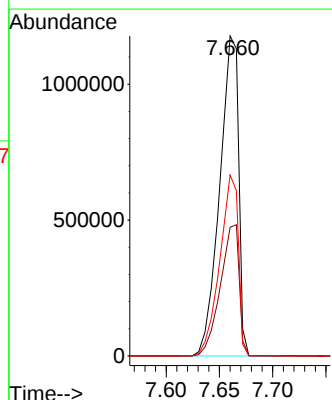
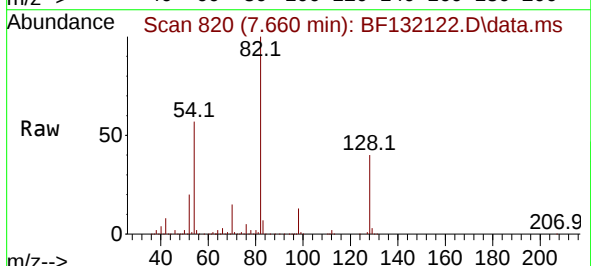
Tgt Ion: 82 Resp: 1450685

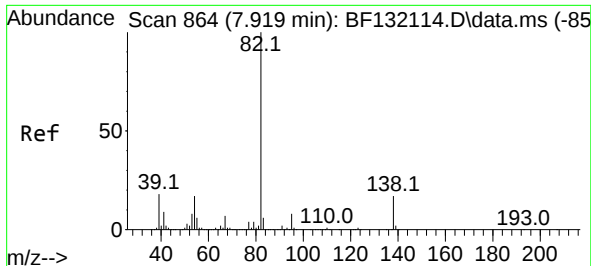
Ion Ratio Lower Upper

82 100

128 40.2 32.0 48.0

54 56.5 45.1 67.7

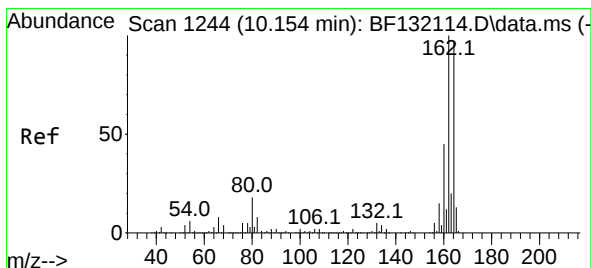
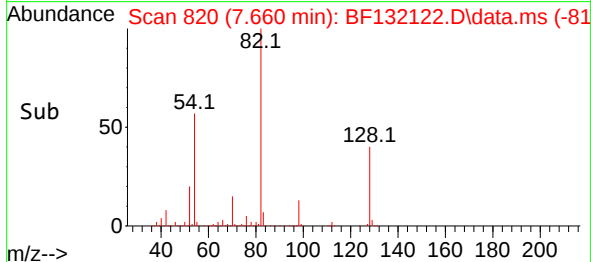
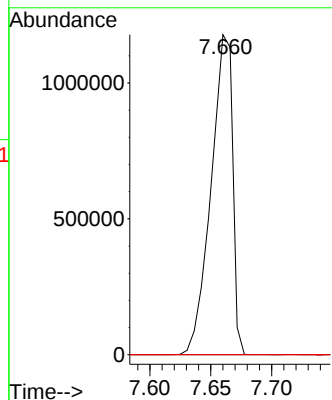
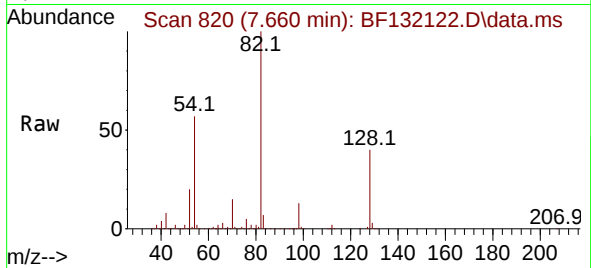




#25
Isophorone
Concen: 47.999 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

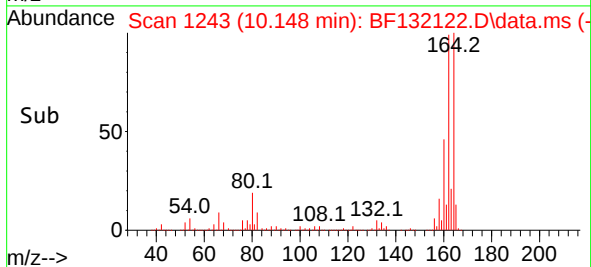
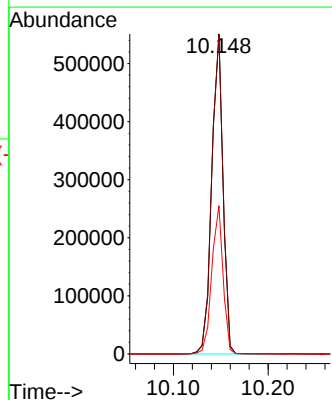
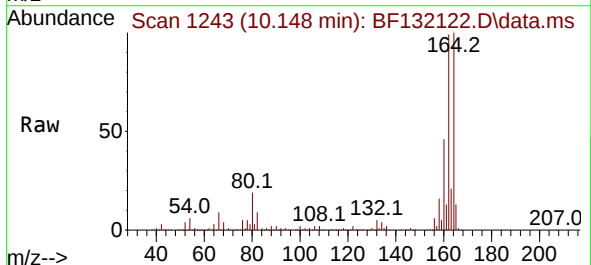
Instrument :
BNA_F
ClientSampleId :
PB150317BL

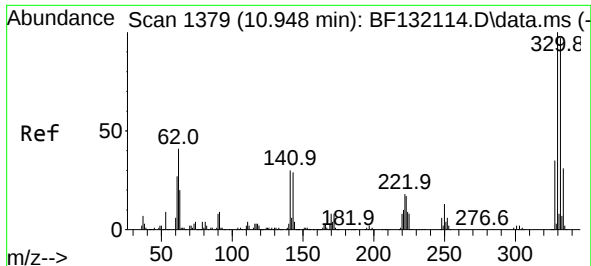
Tgt Ion: 82 Resp: 1449141
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion:164 Resp: 450650
Ion Ratio Lower Upper
164 100
162 99.5 82.3 123.5
160 46.4 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 140.893 ng

RT: 10.942 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB150317BL

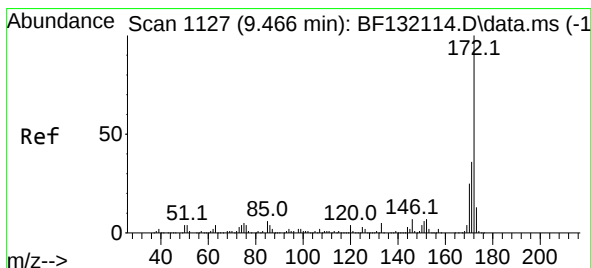
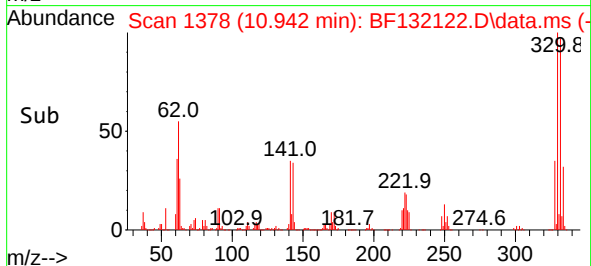
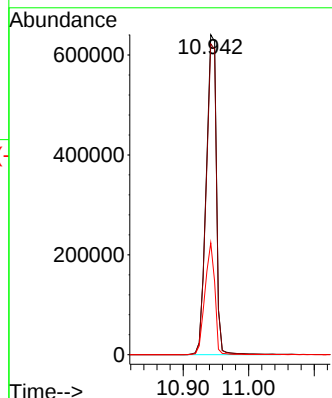
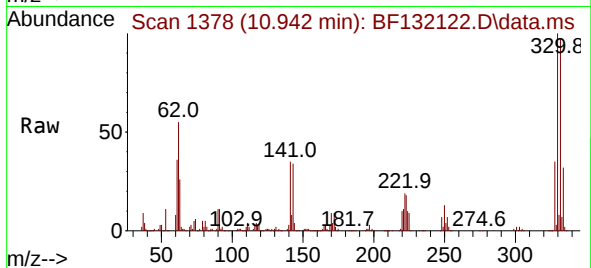
Tgt Ion:330 Resp: 694701

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 33.8 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 89.356 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

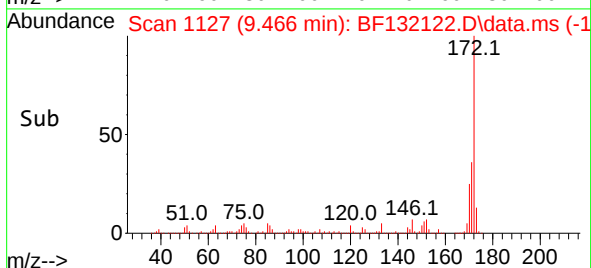
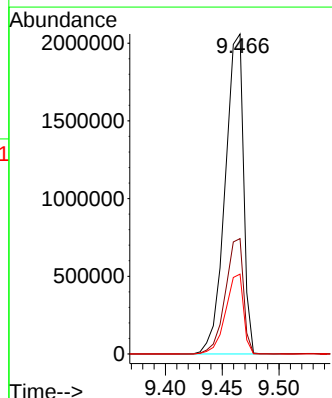
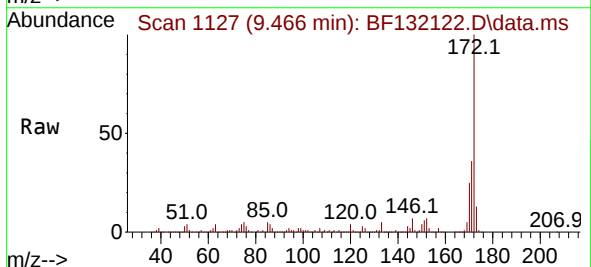
Tgt Ion:172 Resp: 2314392

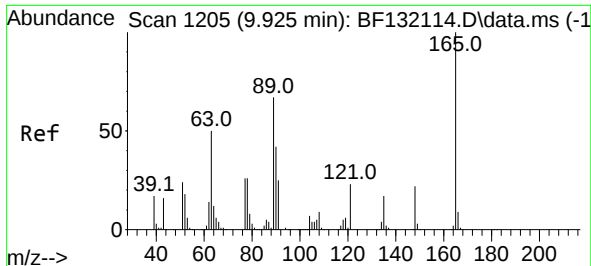
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 25.0 19.7 29.5

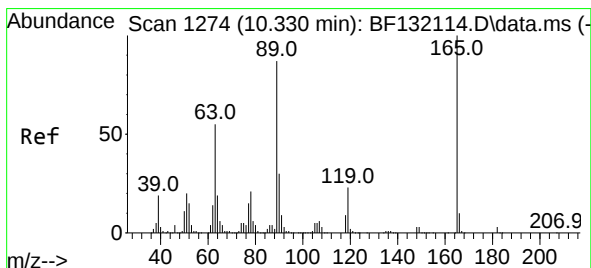
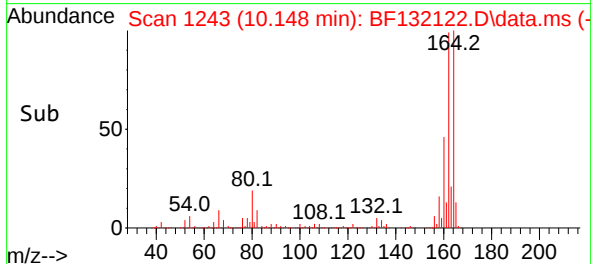
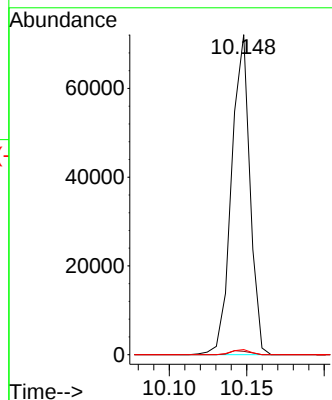
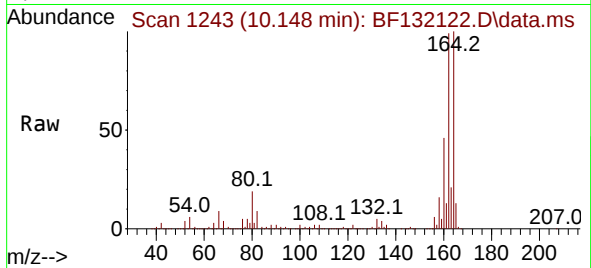




#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 10.148 min Scan# 1205
Delta R.T. 0.223 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

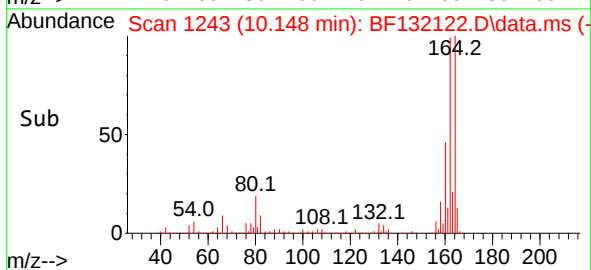
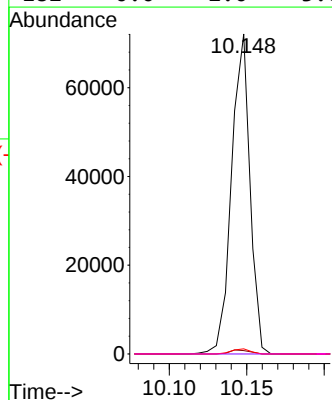
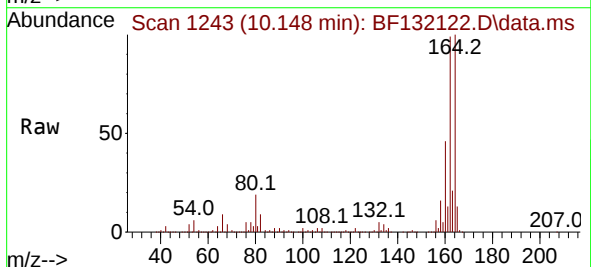
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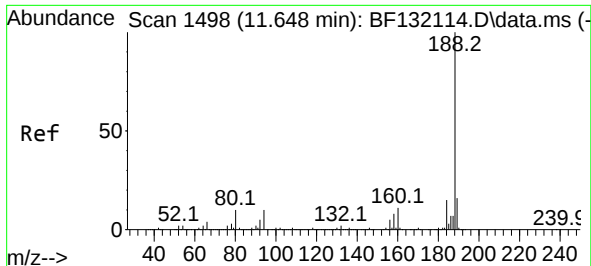
Tgt Ion:165 Resp: 59493
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.6 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.182 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion:165 Resp: 59493
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#

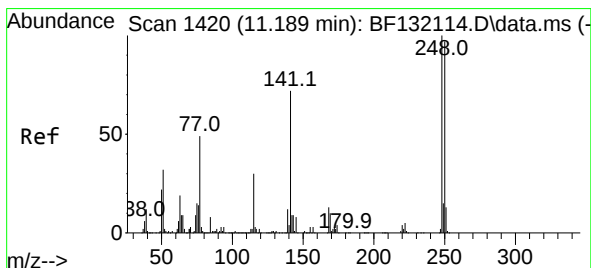
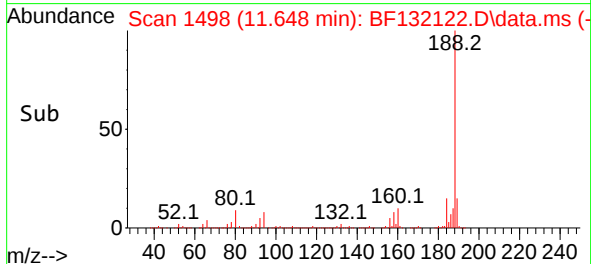
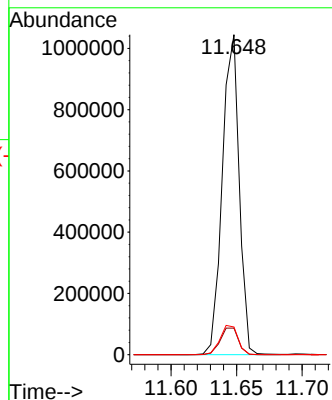
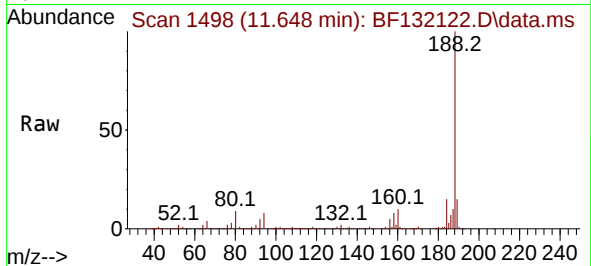




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

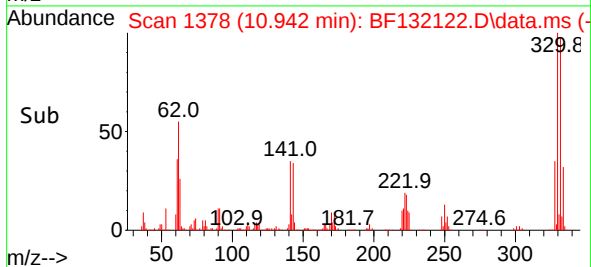
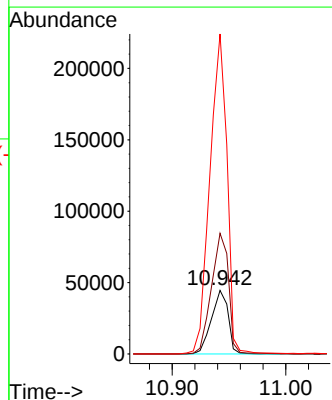
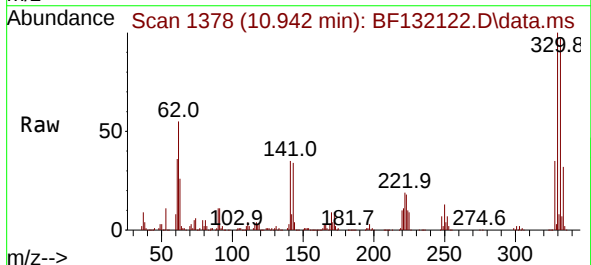
Instrument :
BNA_F
ClientSampleId :
PB150317BL

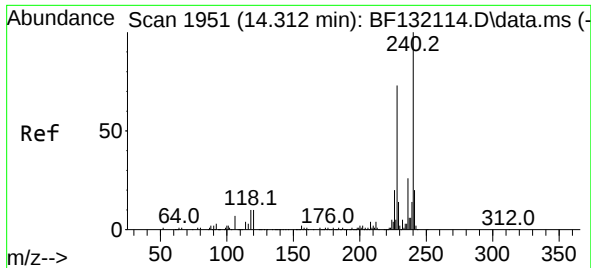
Tgt Ion:188 Resp: 933384
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 8.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 10.942 min Scan# 1378
Delta R.T. -0.247 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion:248 Resp: 45527
Ion Ratio Lower Upper
248 100
250 189.7 77.8 116.8#
141 503.3 57.6 86.4#

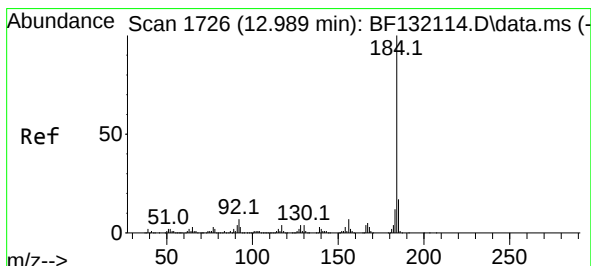
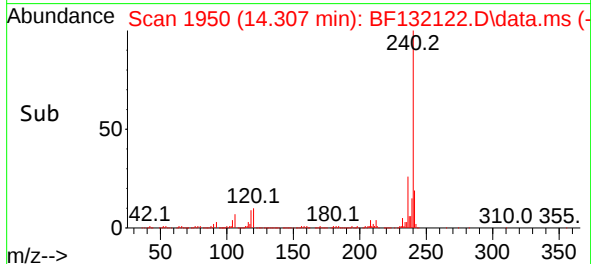
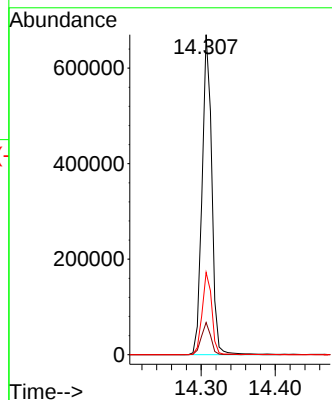
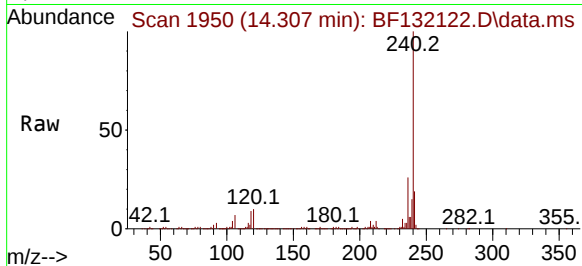




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

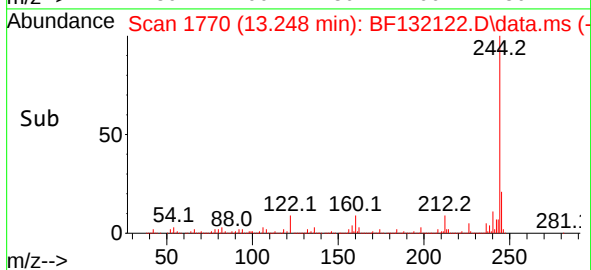
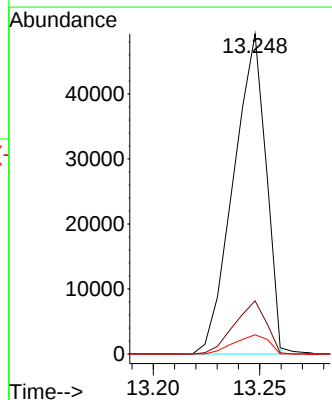
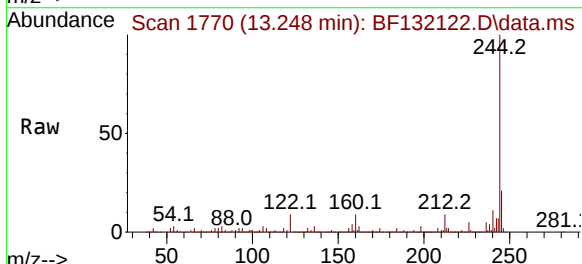
Instrument :
BNA_F
ClientSampleId :
PB150317BL

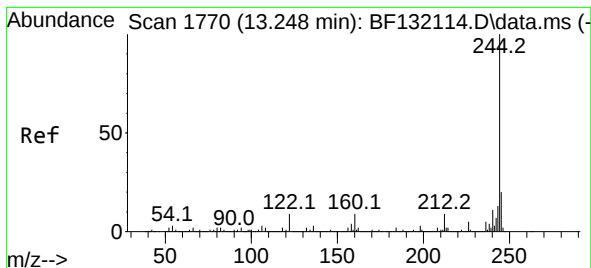
Tgt Ion:240 Resp: 607716
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 25.7 21.2 31.8



#77
Benzidine
Concen: 3.201 ng
RT: 13.248 min Scan# 1770
Delta R.T. 0.259 min
Lab File: BF132122.D
Acq: 18 Jan 2023 17:11

Tgt Ion:184 Resp: 52384
Ion Ratio Lower Upper
184 100
185 16.6 13.7 20.5
183 6.0 9.4 14.0#





#79

Terphenyl-d14

Concen: 81.251 ng

RT: 13.248 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB150317BL

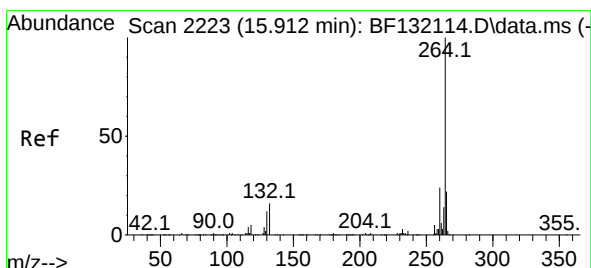
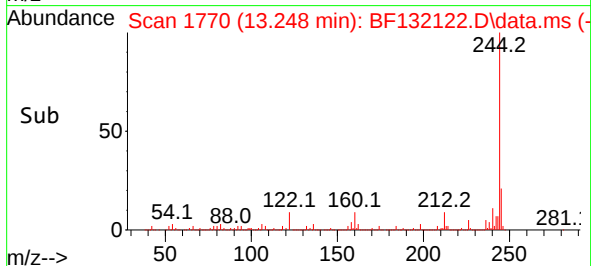
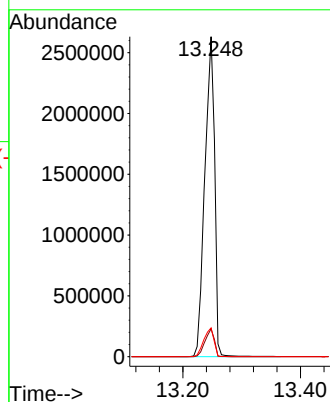
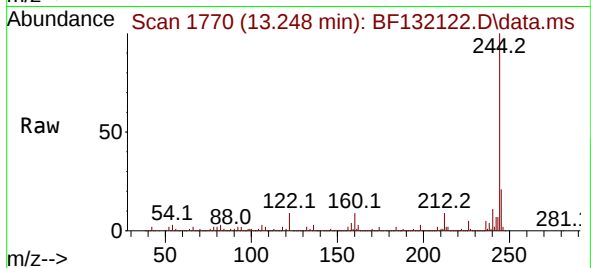
Tgt Ion:244 Resp: 3043233

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: 15.906 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF132122.D

Acq: 18 Jan 2023 17:11

Tgt Ion:264 Resp: 384832

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.3 17.5 26.3

