

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130933.D
 Acq On : 02 Nov 2022 16:29
 Operator : CG\JU
 Sample : PB148741BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148741BL

Quant Time: Nov 03 03:43:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

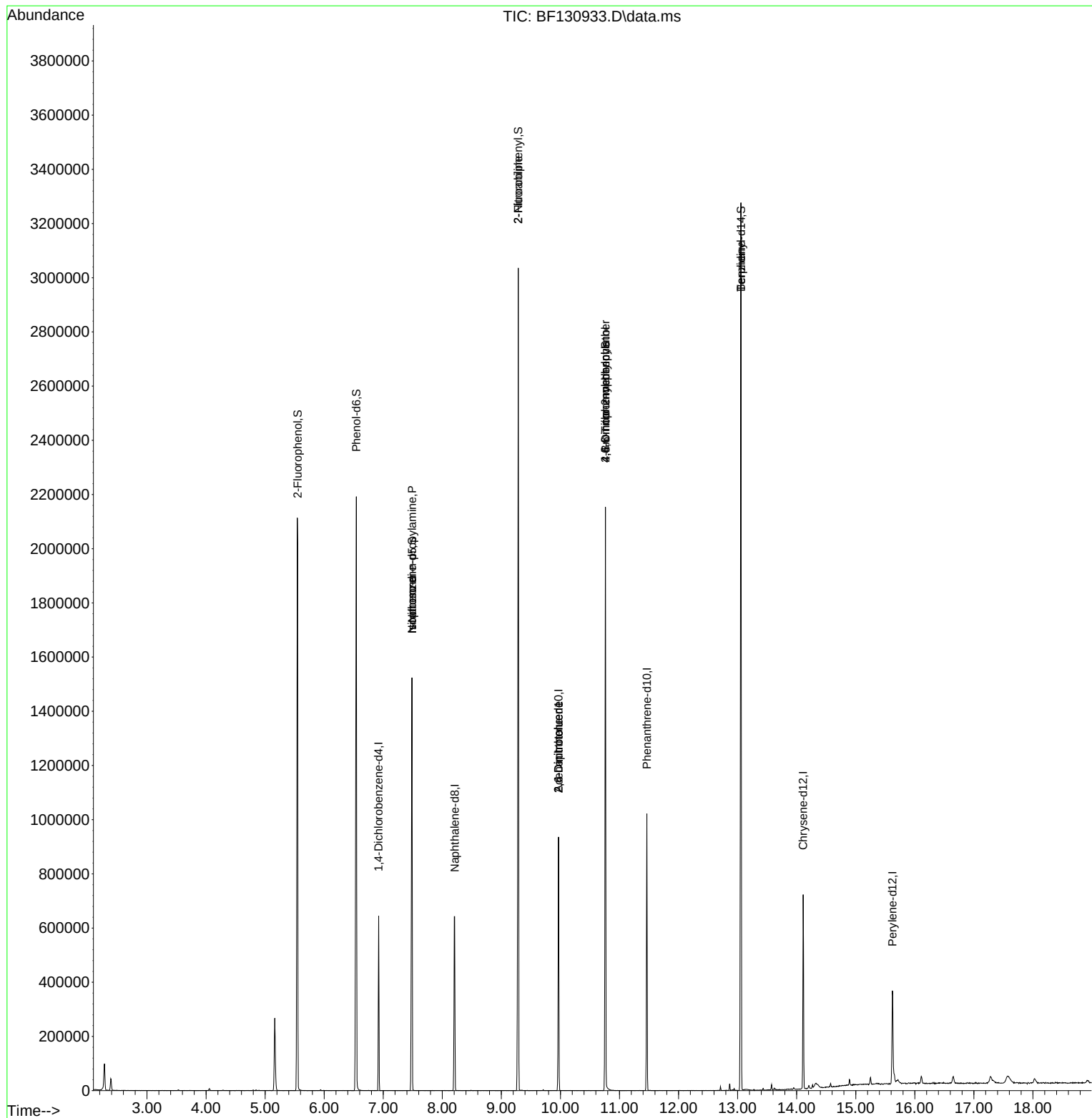
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	79821	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	306277	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	172190	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	331058	20.000	ng	0.00
76) Chrysene-d12	14.110	240	232597	20.000	ng	-0.01
86) Perylene-d12	15.621	264	159388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	571507	124.124	ng	0.01
7) Phenol-d6	6.545	99	722151	120.694	ng	0.00
23) Nitrobenzene-d5	7.486	82	498556	98.154	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	229214	158.134	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	917062	80.521	ng	0.00
79) Terphenyl-d14	13.057	244	1098604	86.551	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	70184	17.240	ng	# 79
25) Isophorone	7.486	82	498356	47.579	ng	# 66
48) 2-Nitroaniline	9.286	65	2076	4.747	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	22202	12.090	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	22202	10.959	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.763	198	649	8.320	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	14433	4.335	ng	# 1
77) Benzidine	13.057	184	17392	3.080	ng	# 91

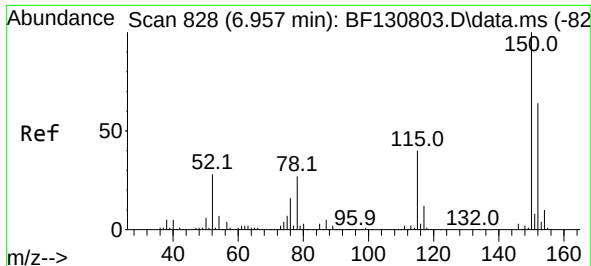
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

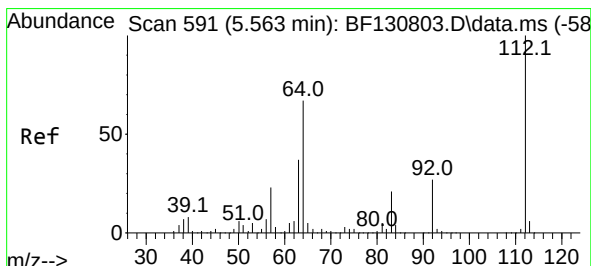
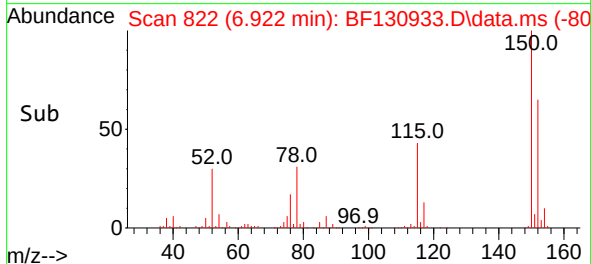
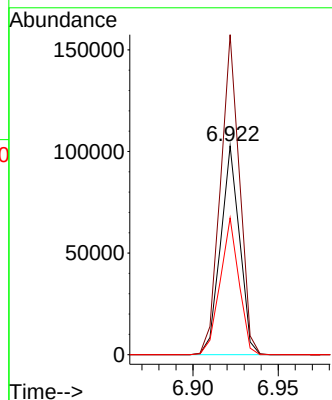
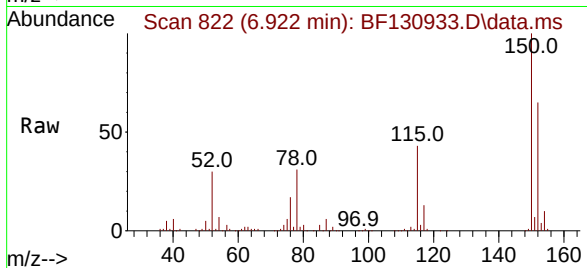




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

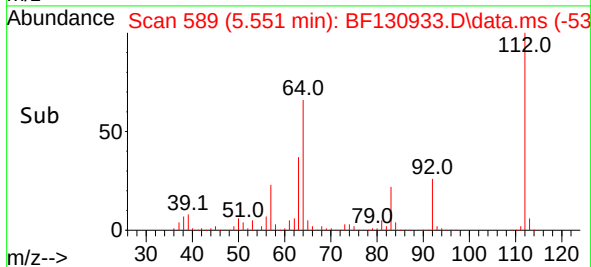
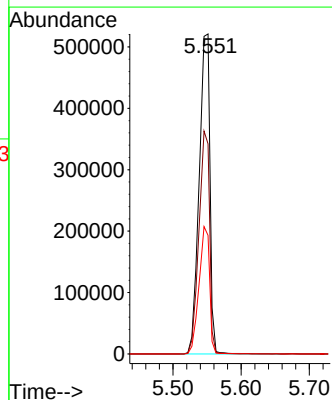
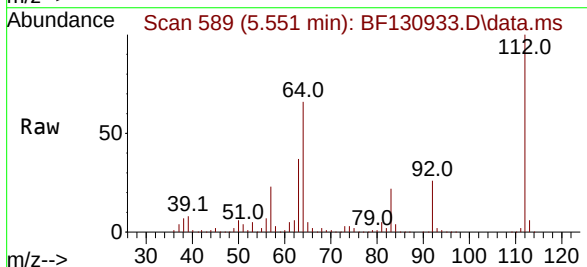
Instrument :
BNA_F
ClientSampleId :
PB148741BL

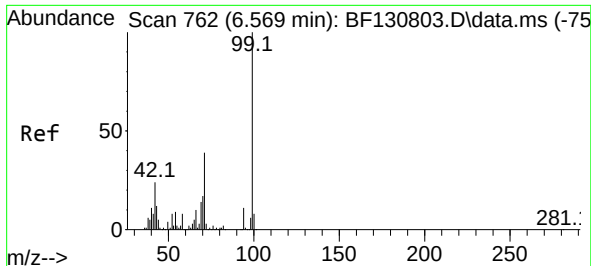
Tgt Ion:152 Resp: 79821
Ion Ratio Lower Upper
152 100
150 153.3 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 124.124 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

Tgt Ion:112 Resp: 571507
Ion Ratio Lower Upper
112 100
64 65.7 53.9 80.9
63 37.1 29.4 44.2

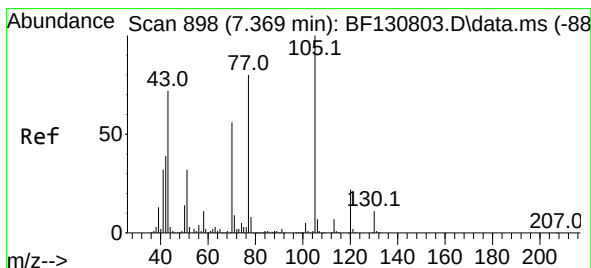
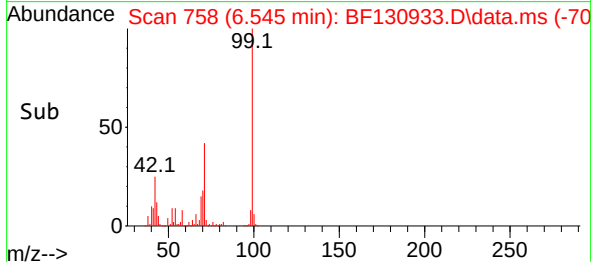
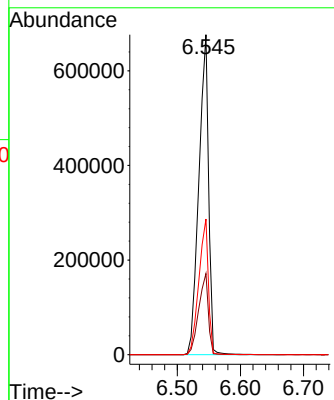
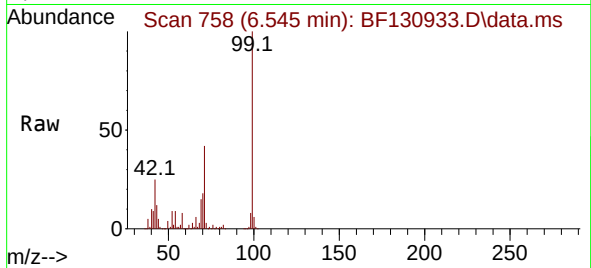




#7
Phenol-d6
Concen: 120.694 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

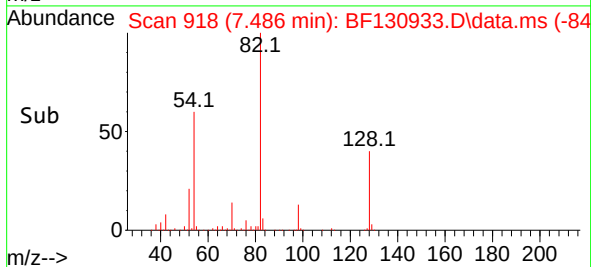
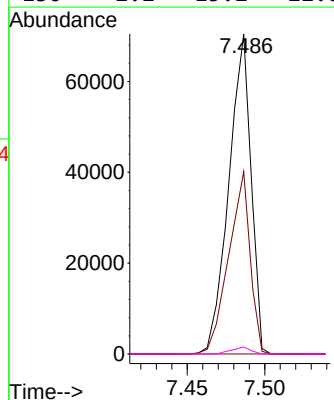
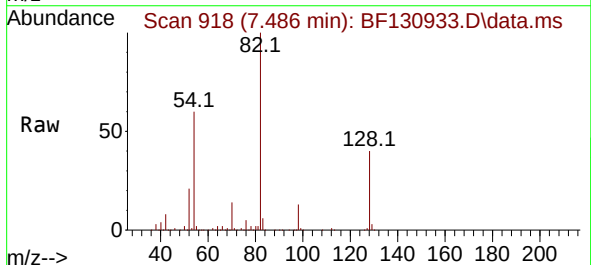
Instrument :
BNA_F
ClientSampleId :
PB148741BL

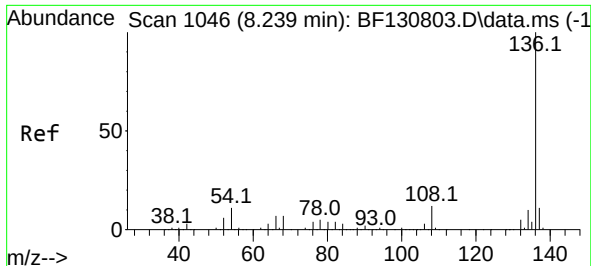
Tgt Ion: 99 Resp: 722151
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 42.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.240 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

Tgt Ion: 70 Resp: 70184
Ion Ratio Lower Upper
70 100
42 57.0 56.1 84.1
101 0.0 7.3 10.9#
130 2.2 15.2 22.8#

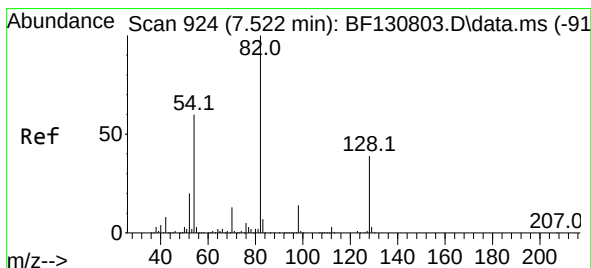
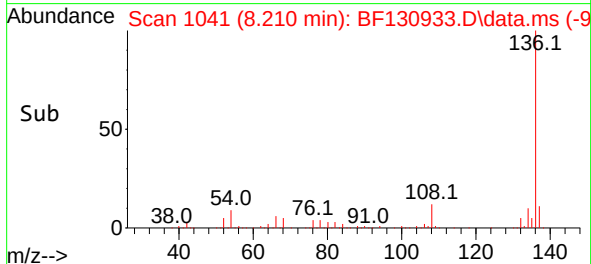
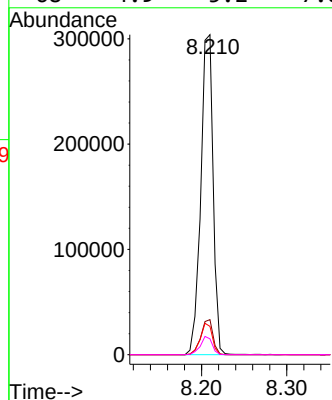
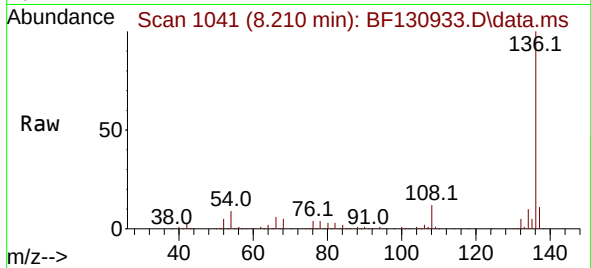




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

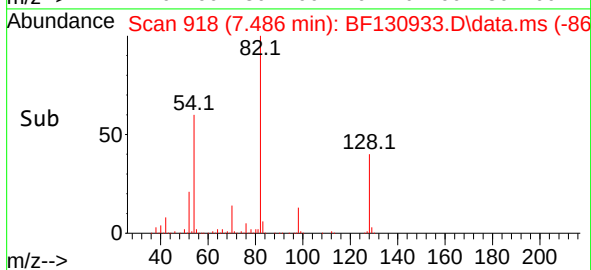
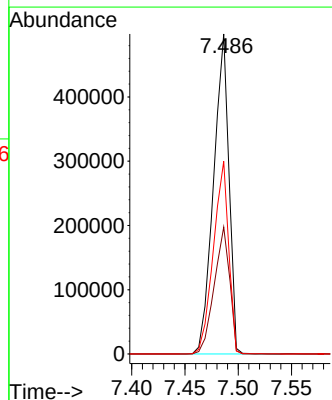
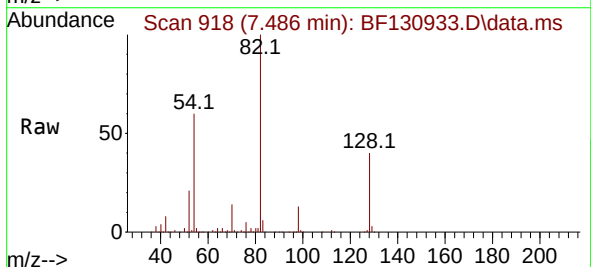
Instrument :
BNA_F
ClientSampleId :
PB148741BL

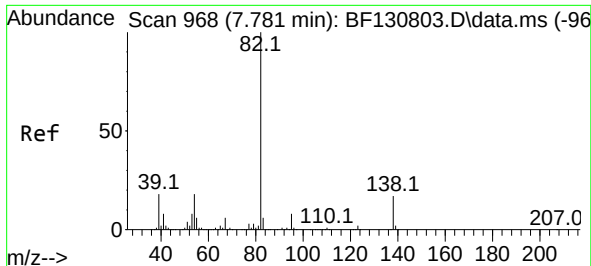
Tgt Ion:136 Resp: 306277
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.8 8.8 13.2
68 4.9 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 98.154 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

Tgt Ion: 82 Resp: 498556
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 60.2 48.0 72.0

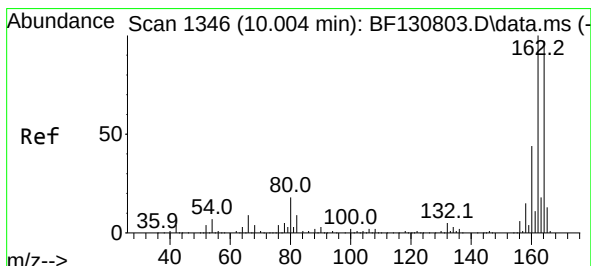
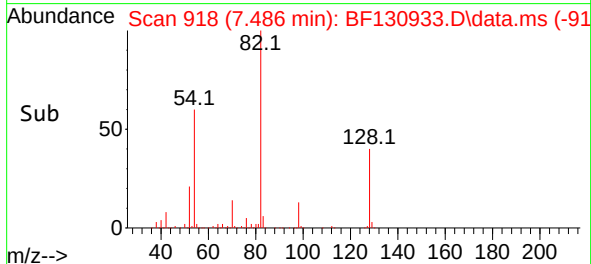
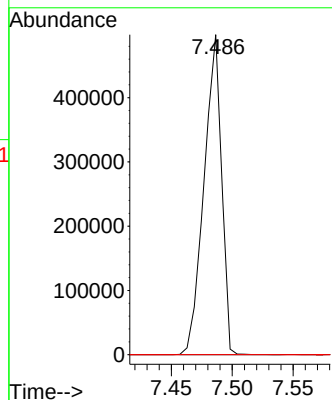
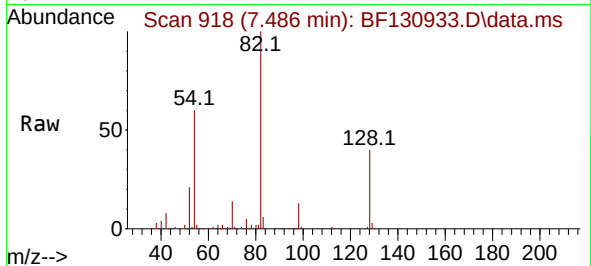




#25
Isophorone
Concen: 47.579 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

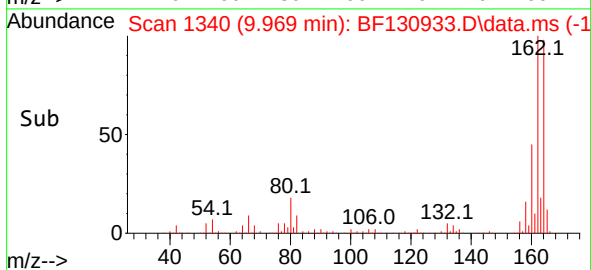
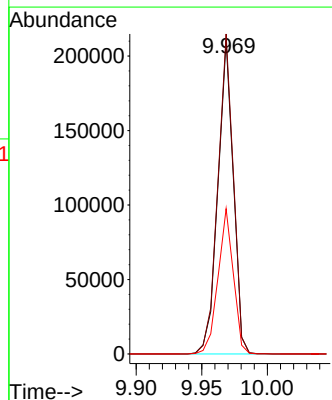
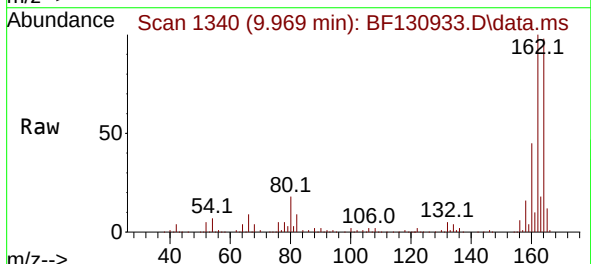
Instrument :
BNA_F
ClientSampleId :
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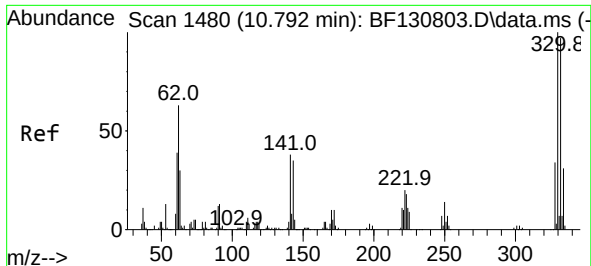
Tgt Ion: 82 Resp: 498356
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

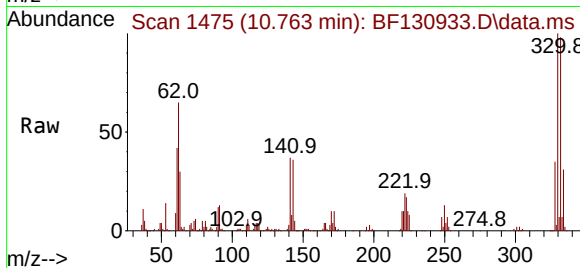
Tgt Ion: 164 Resp: 172190
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 46.3 36.6 54.8



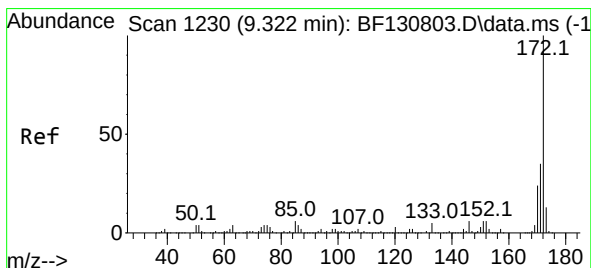
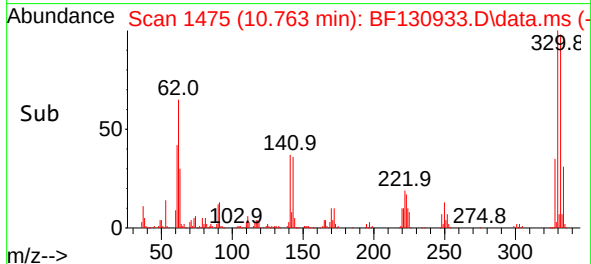
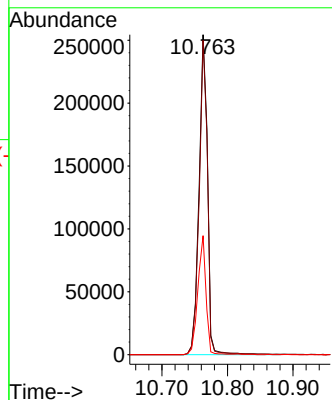


#42
2,4,6-Tribromophenol
Concen: 158.134 ng
RT: 10.763 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

Instrument :
BNA_F
ClientSampleId :
PB148741BL

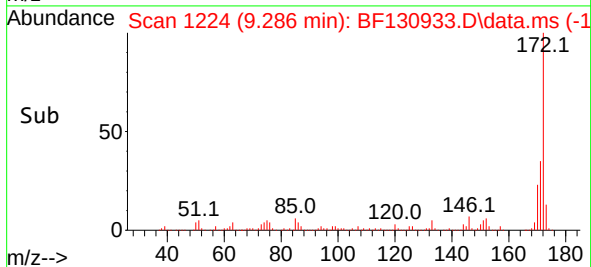
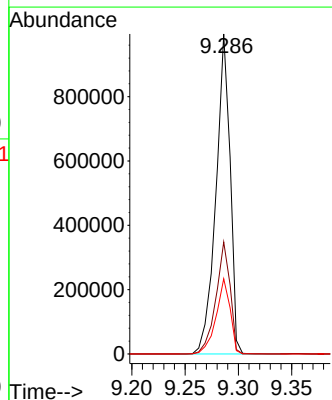
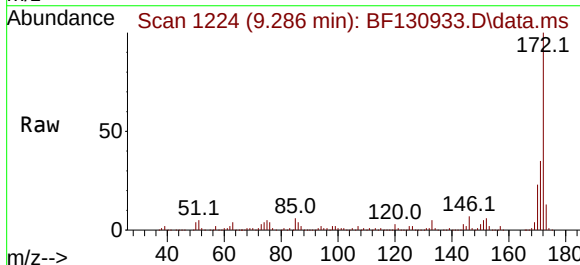


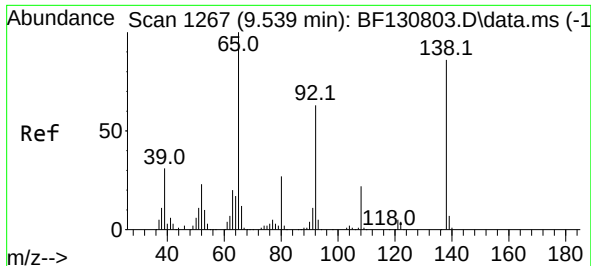
Tgt Ion: 330 Resp: 229214
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 36.0 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 80.521 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

Tgt Ion: 172 Resp: 917062
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 19.0 28.4

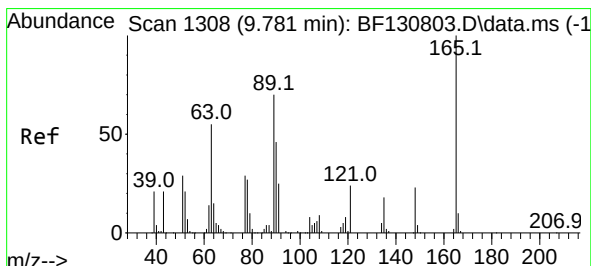
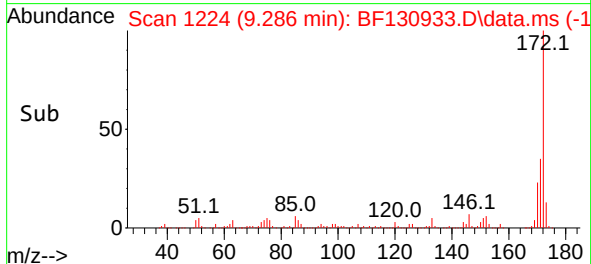
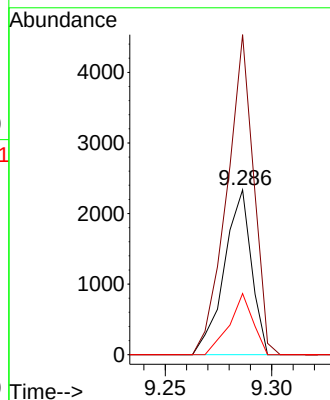
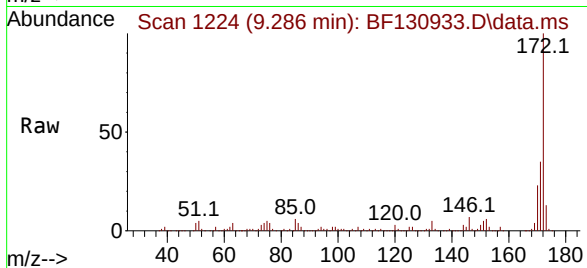




#48
2-Nitroaniline
Concen: 4.747 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

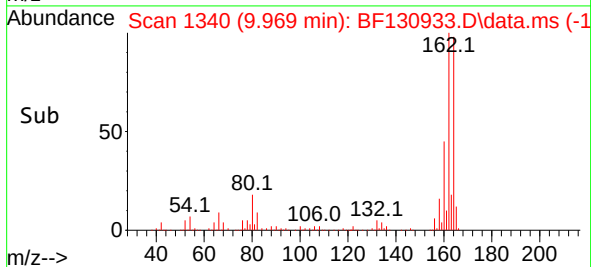
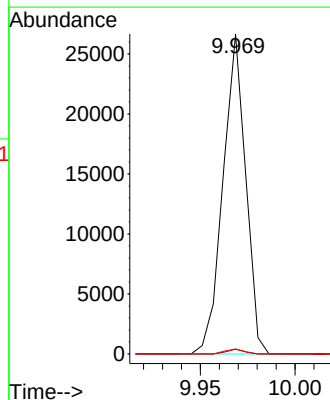
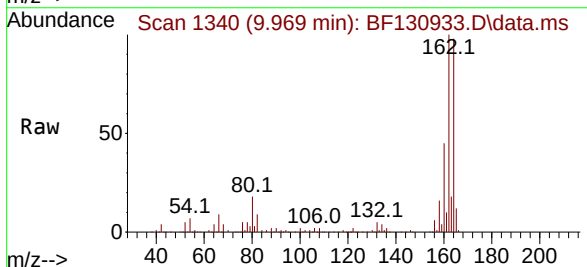
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ClientSampleId :
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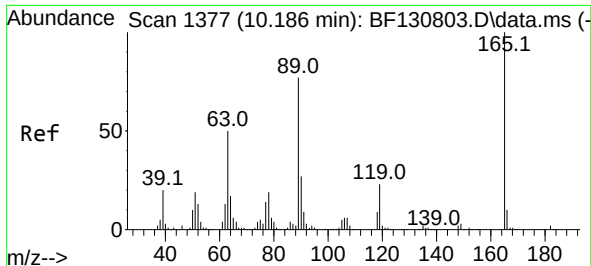
Tgt Ion: 65 Resp: 2076
Ion Ratio Lower Upper
65 100
92 194.1 50.1 75.1#
138 37.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.090 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

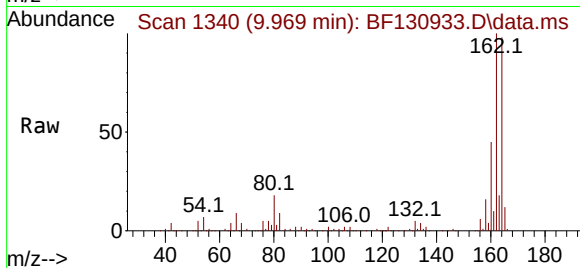
Tgt Ion: 165 Resp: 22202
Ion Ratio Lower Upper
165 100
63 1.5 61.8 92.8#
89 1.6 56.2 84.4#



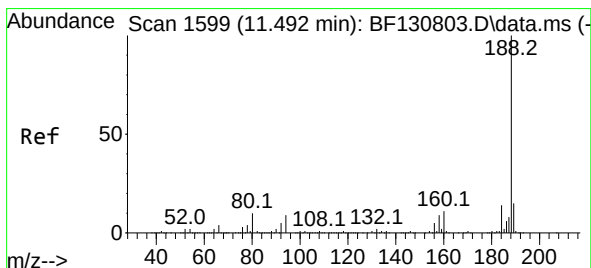
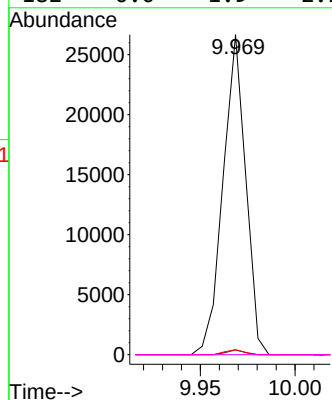
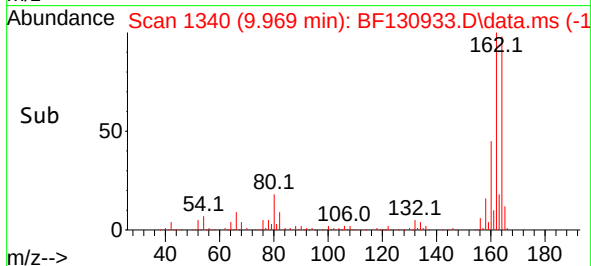


#57
2,4-Dinitrotoluene
Concen: 10.959 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

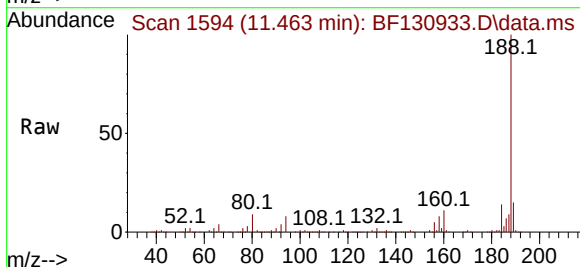
Instrument :
BNA_F
ClientSampleId :
PB148741BL



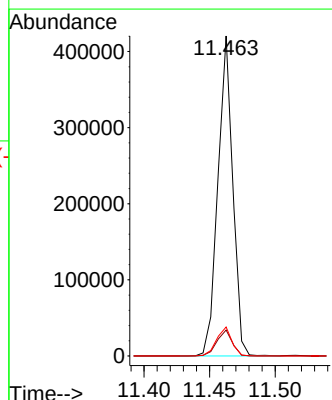
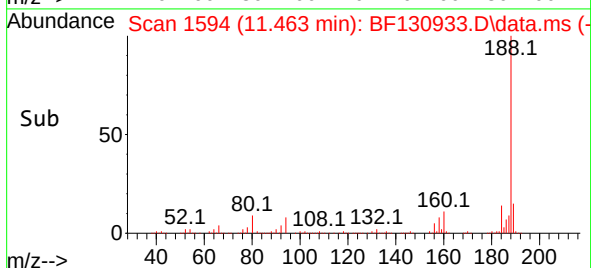
Tgt Ion:165 Resp: 22202
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.6 61.9 92.9#
182 0.0 1.9 2.9#

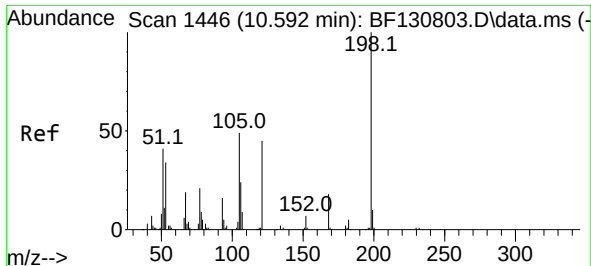


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29



Tgt Ion:188 Resp: 331058
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.0 8.0 12.0

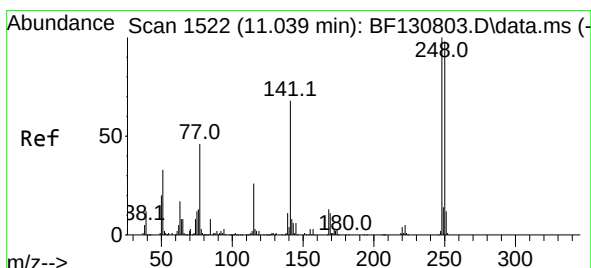
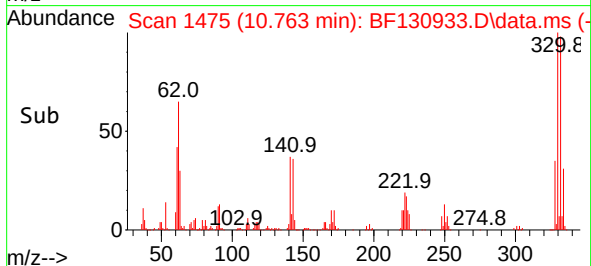
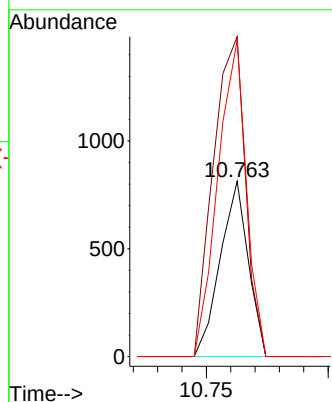
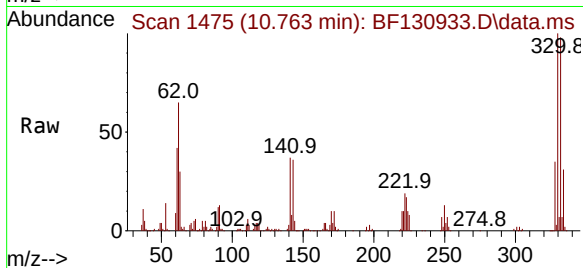




#65
4,6-Dinitro-2-methylphenol
Concen: 8.320 ng
RT: 10.763 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

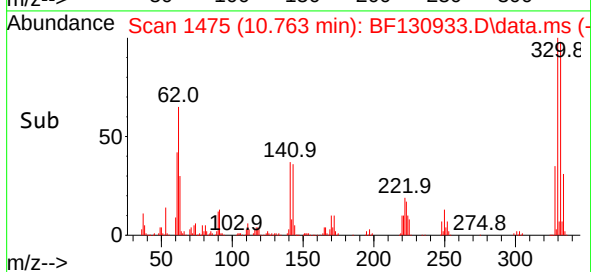
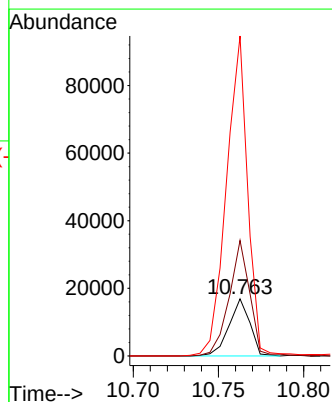
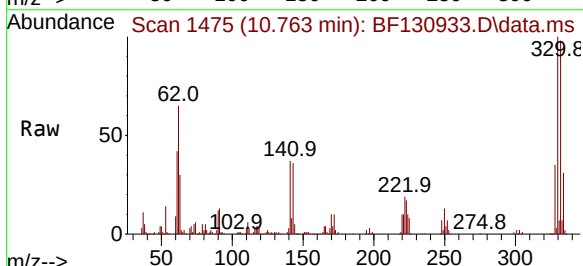
Instrument :
BNA_F
ClientSampleId :
PB148741BL

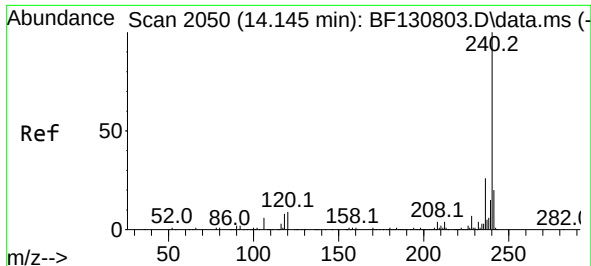
Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 182.5 39.0 79.0#
105 180.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.247 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

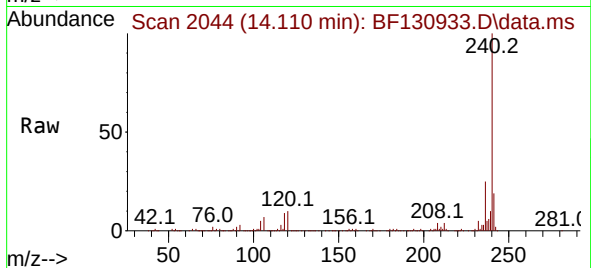
Tgt Ion:248 Resp: 14433
Ion Ratio Lower Upper
248 100
250 202.2 78.6 117.8#
141 560.5 54.2 81.4#



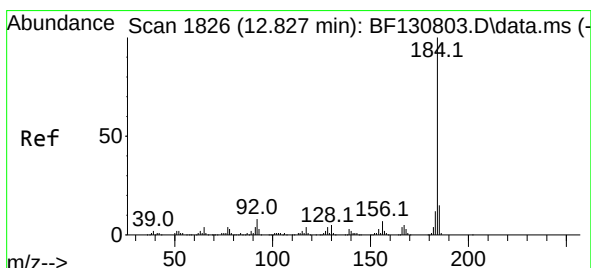
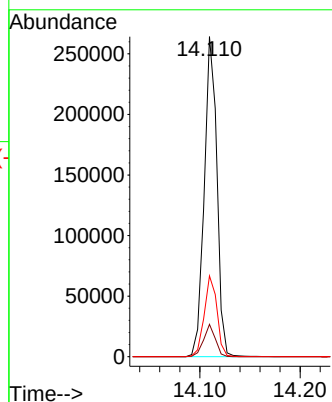
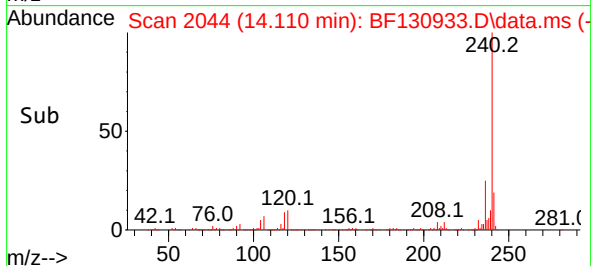


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29

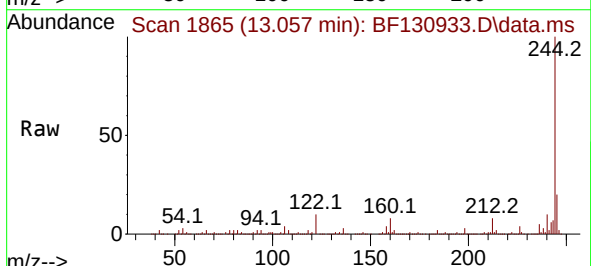
Instrument :
BNA_F
ClientSampleId :
PB148741BL



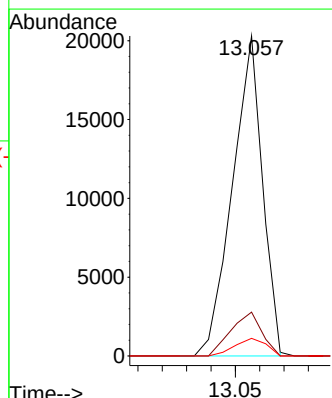
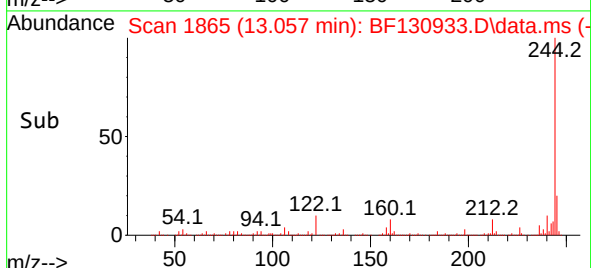
Tgt Ion:240 Resp: 232597
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.3 20.5 30.7

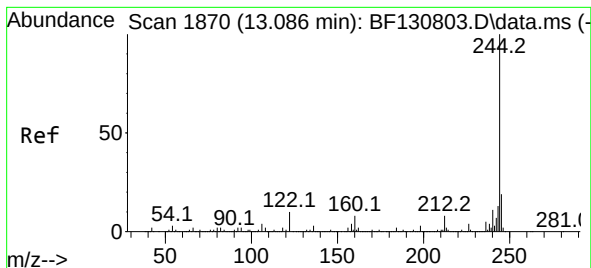


#77
Benzidine
Concen: 3.080 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.253 min
Lab File: BF130933.D
Acq: 02 Nov 2022 16:29



Tgt Ion:184 Resp: 17392
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 5.5 9.7 14.5#





#79

Terphenyl-d14

Concen: 86.551 ng

RT: 13.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BF130933.D

Acq: 02 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

PB148741BL

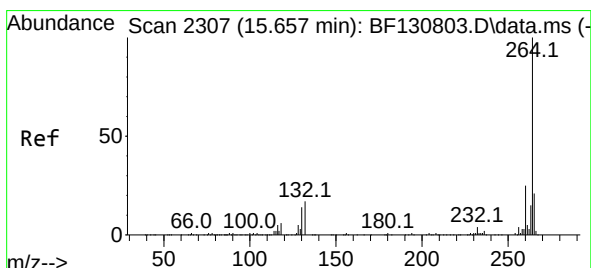
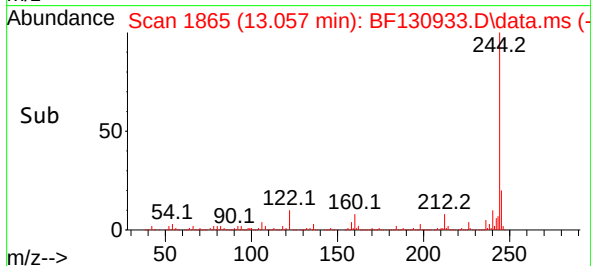
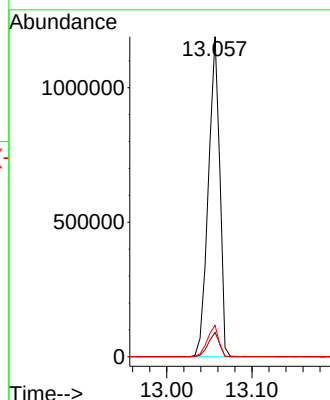
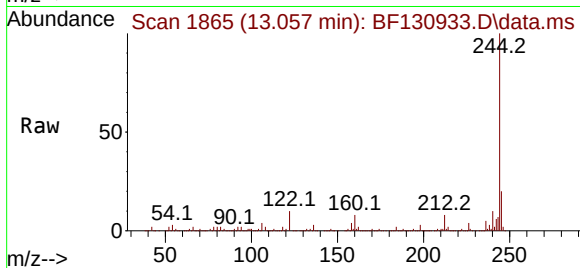
Tgt Ion:244 Resp: 1098604

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. -0.006 min

Lab File: BF130933.D

Acq: 02 Nov 2022 16:29

Tgt Ion:264 Resp: 159388

Ion Ratio Lower Upper

264 100

260 23.4 19.9 29.9

265 21.3 17.0 25.6

