

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130209.D
 Acq On : 12 Sep 2022 17:26
 Operator : CG\JU
 Sample : N4551-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Quant Time: Sep 13 14:25:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

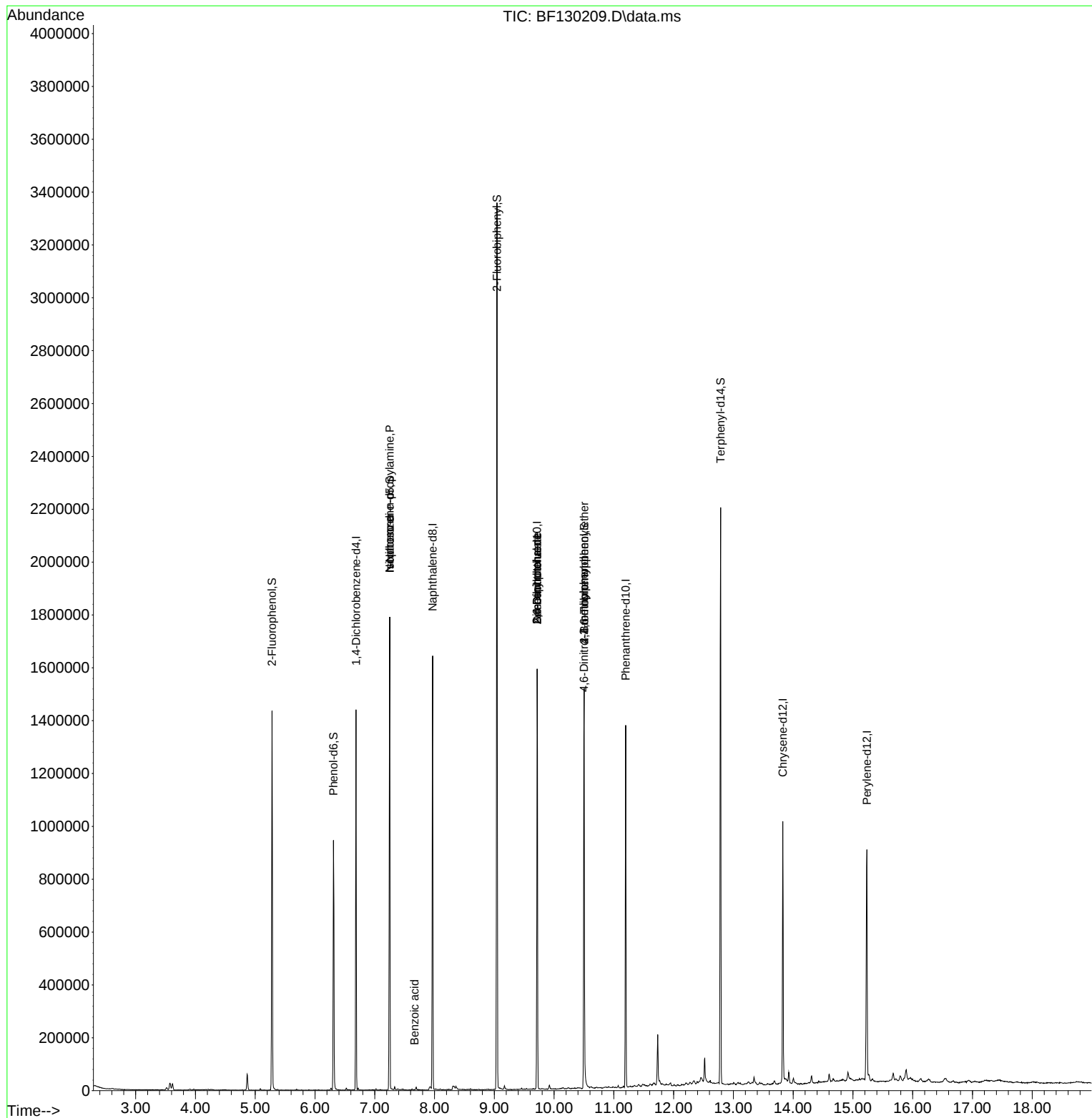
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	175044	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	665356	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	310886	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	425283	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	305510	20.000	ng	-0.02
86) Perylene-d12	15.233	264	370329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	364207	35.322	ng	-0.02
7) Phenol-d6	6.310	99	292114	22.724	ng	-0.02
23) Nitrobenzene-d5	7.251	82	535167	51.691	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	168067	59.389	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	885154	47.205	ng	-0.01
79) Terphenyl-d14	12.786	244	645760	36.654	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.251	70	71853	9.278	ng	# 78
25) Isophorone	7.251	82	532164	25.396	ng	# 65
32) Benzoic acid	7.663	122	392	6.619	ng	# 71
50) Dimethylphthalate	9.716	163	56402	2.664	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	40166	9.729	ng	# 23
57) 2,4-Dinitrotoluene	9.716	165	40166	8.450	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.498	198	343	6.230	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	10695	2.261	ng	# 1

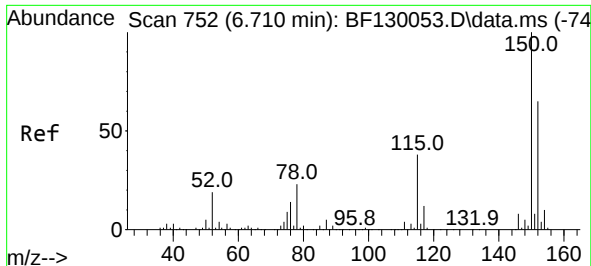
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
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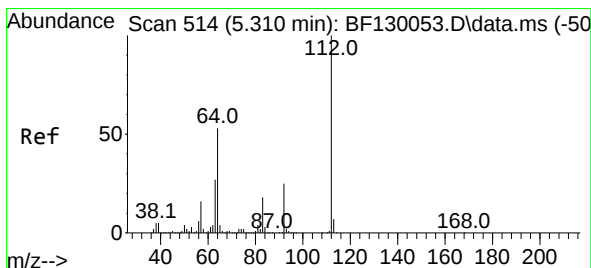
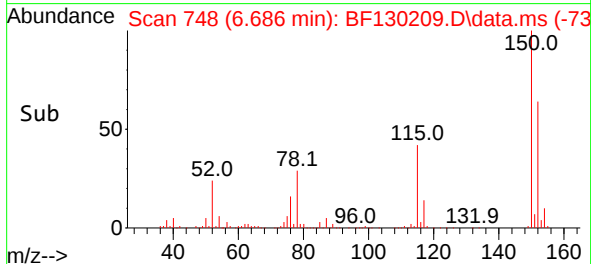
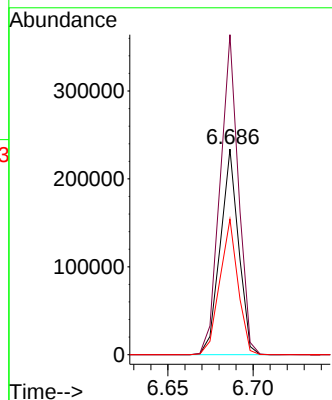
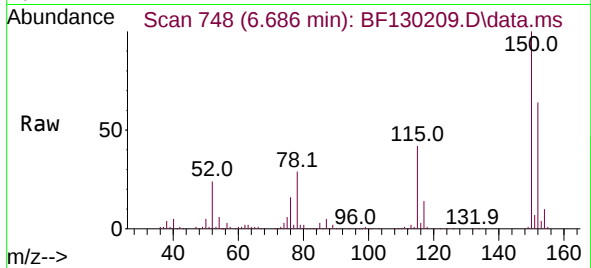




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.686 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

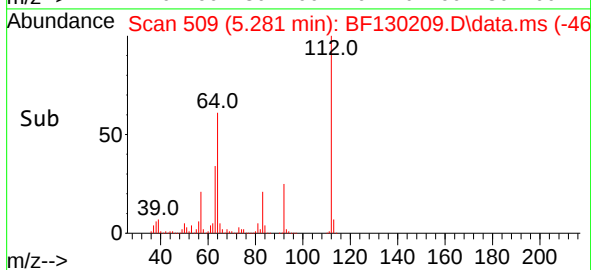
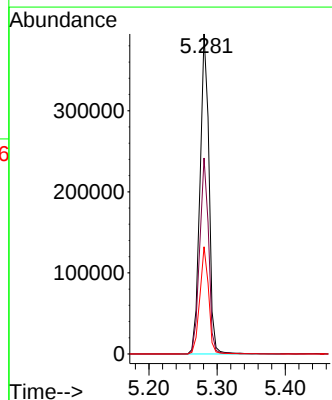
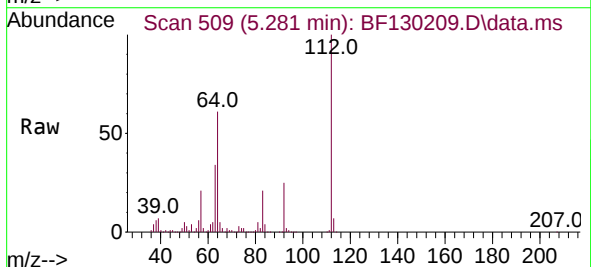
Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Tgt Ion:152 Resp: 175044
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.9 190.3
 115 65.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 35.322 ng
 RT: 5.281 min Scan# 509
 Delta R.T. -0.018 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

Tgt Ion:112 Resp: 364207
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.6 71.4
 63 33.5 24.6 37.0

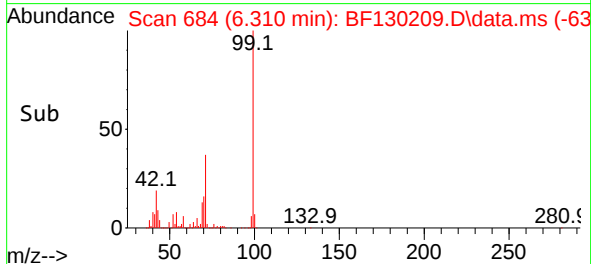
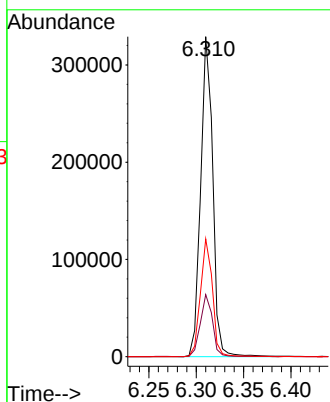
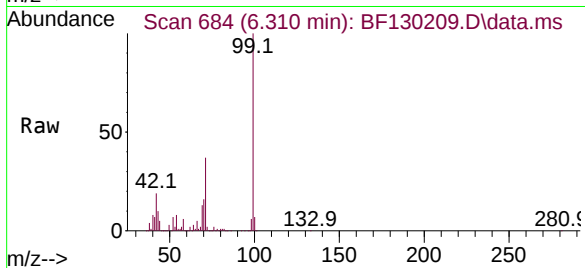




#7
Phenol-d6
Concen: 22.724 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

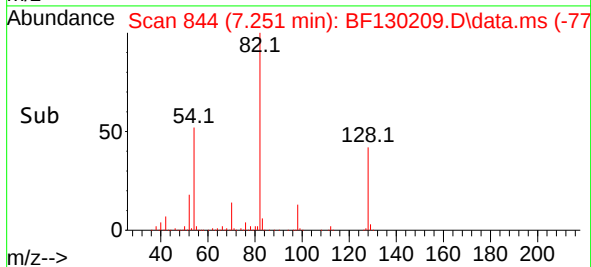
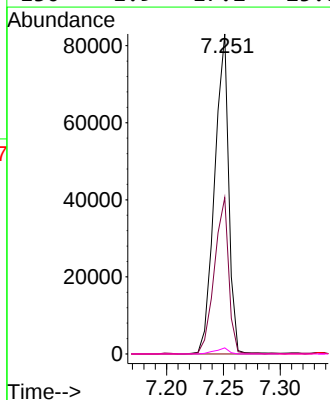
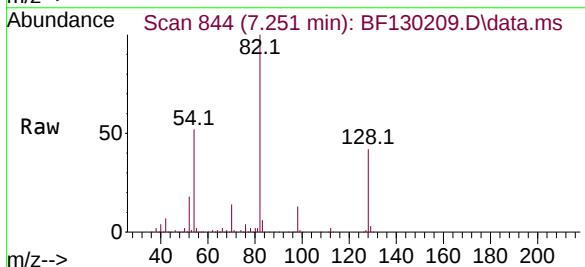
Instrument :
BNA_F
ClientSampleId :
251032-1

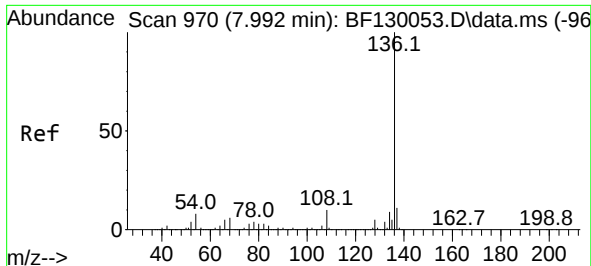
Tgt Ion: 99 Resp: 292114
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.278 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion: 70 Resp: 71853
Ion Ratio Lower Upper
70 100
42 48.9 47.6 71.4
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#

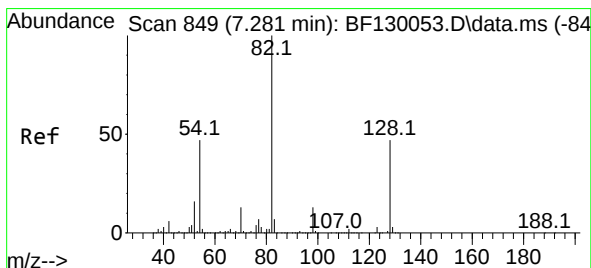
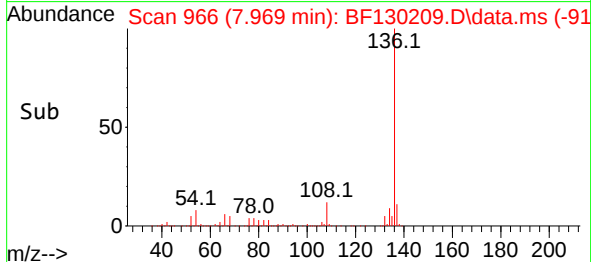
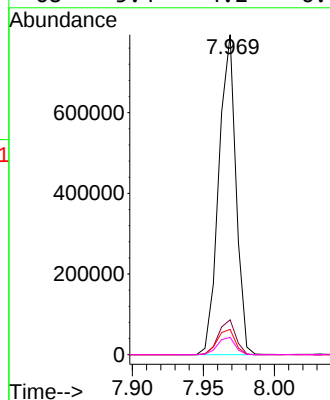
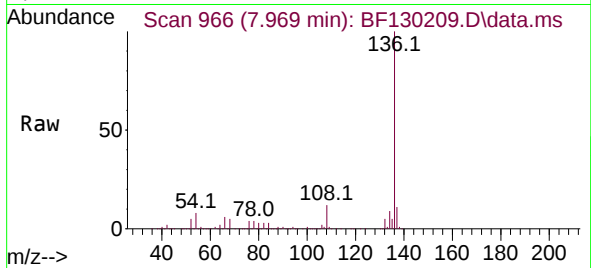




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

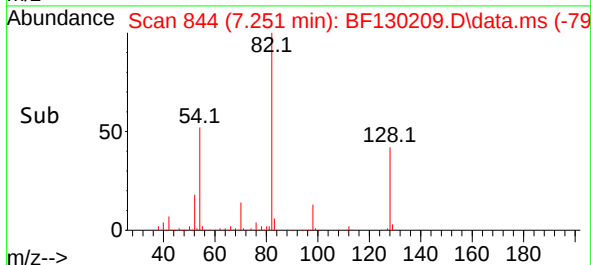
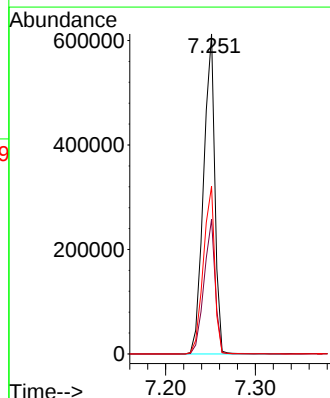
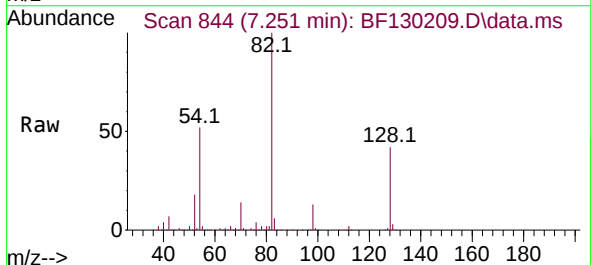
Instrument :
BNA_F
ClientSampleId :
251032-1

Tgt	Ion:136	Resp:	665356
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.9	6.2	9.2
68	5.4	4.2	6.4



#23
Nitrobenzene-d5
Concen: 51.691 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion: 82	Resp: 535167
Ion Ratio	Lower Upper
82 100	
128 42.1	36.1 54.1
54 52.4	40.0 60.0

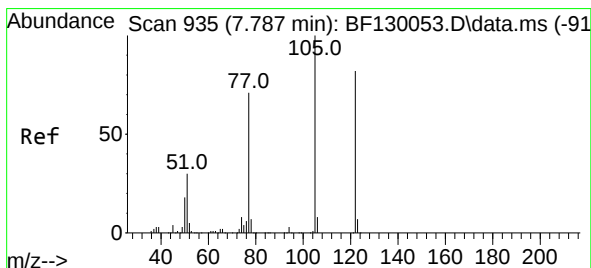
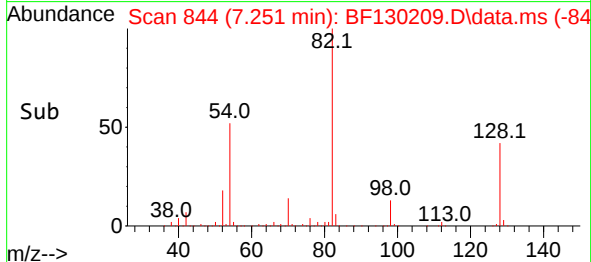
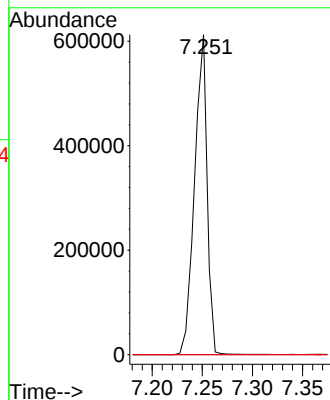
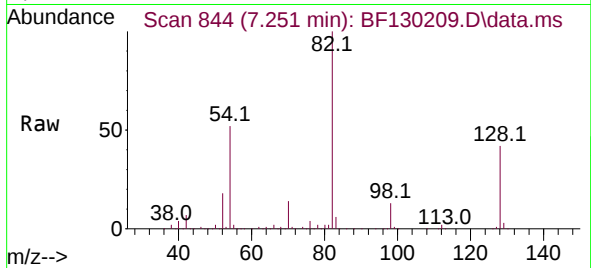




#25
Isophorone
Concen: 25.396 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.277 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

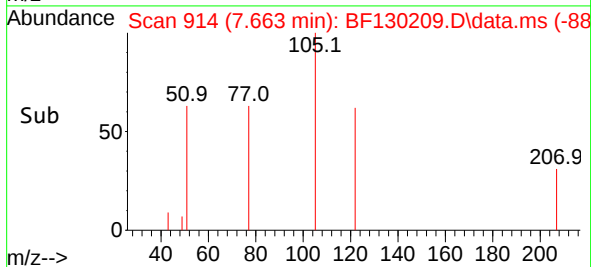
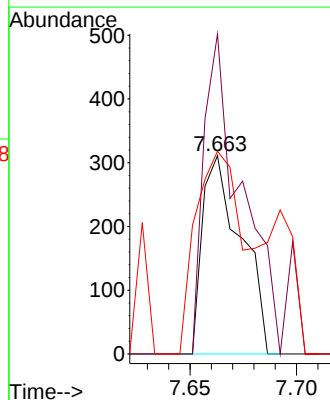
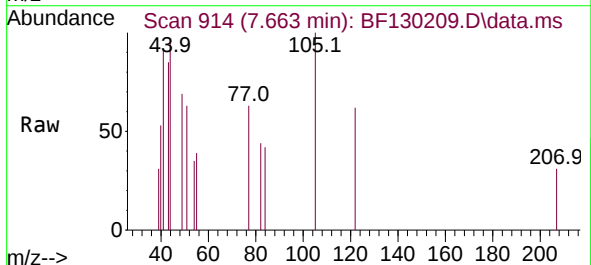
Instrument :
BNA_F
ClientSampleId :
251032-1

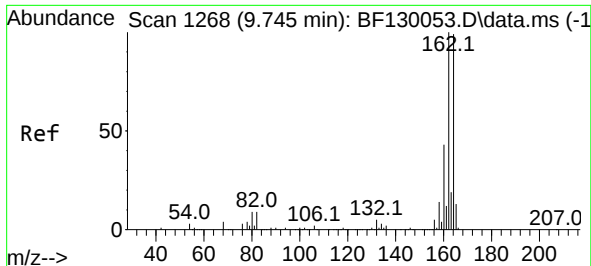
Tgt Ion: 82 Resp: 532164
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.619 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.106 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:122 Resp: 392
Ion Ratio Lower Upper
122 100
105 161.4 99.9 139.9#
77 102.3 65.9 105.9

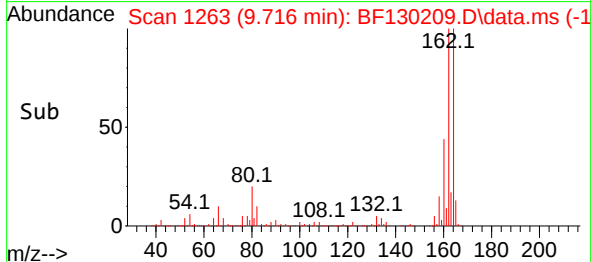
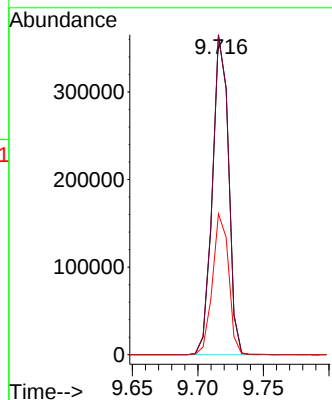
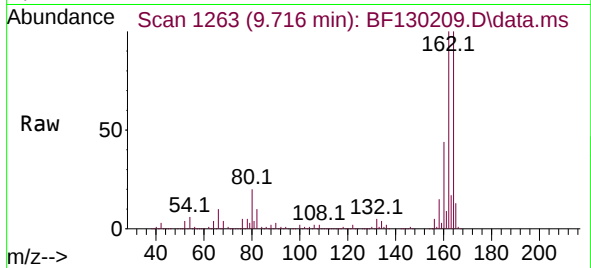




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

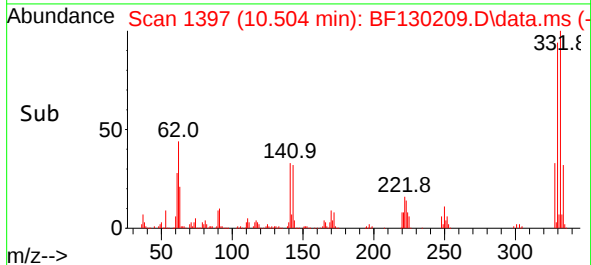
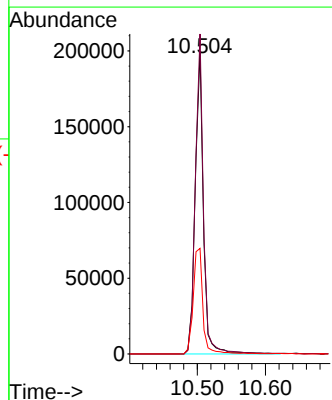
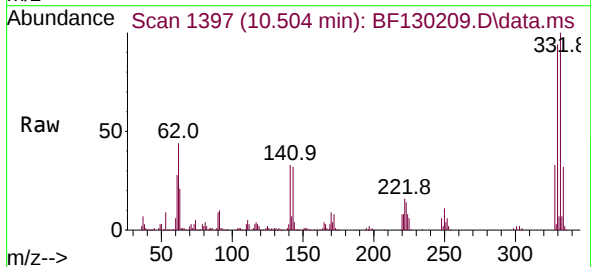
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ClientSampleId :
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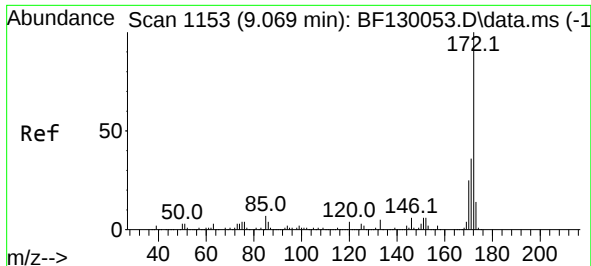
Tgt Ion:164 Resp: 310886
Ion Ratio Lower Upper
164 100
162 100.1 82.0 123.0
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 59.389 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:330 Resp: 168067
Ion Ratio Lower Upper
330 100
332 104.6 82.6 124.0
141 41.1 27.6 41.4

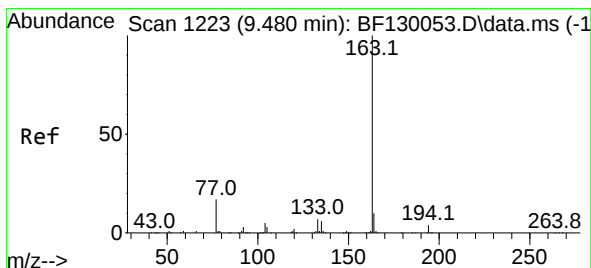
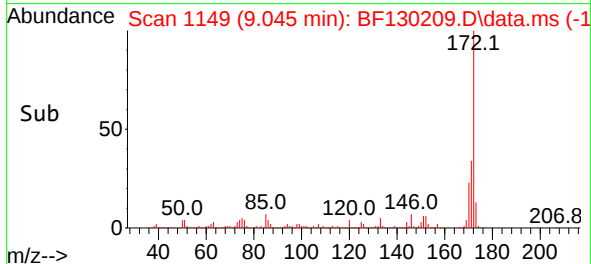
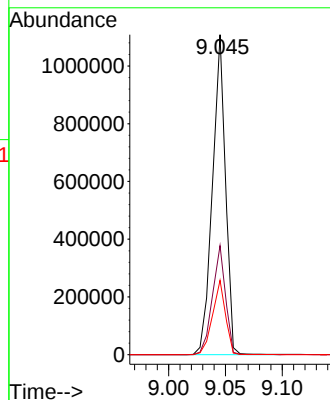
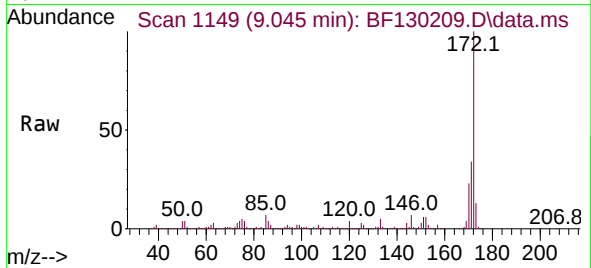




#45
2-Fluorobiphenyl
Concen: 47.205 ng
RT: 9.045 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

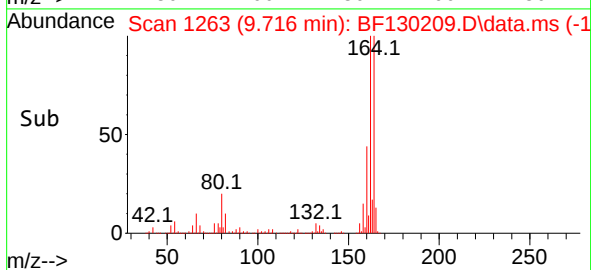
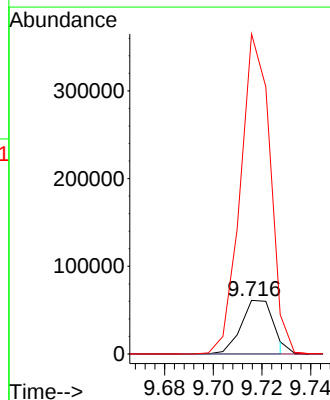
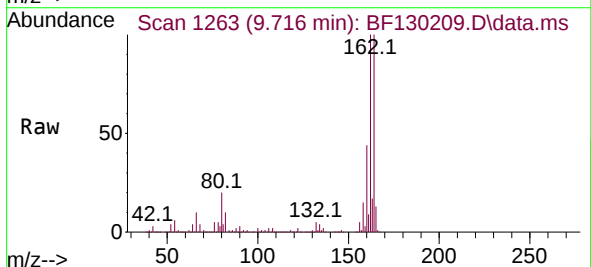
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BNA_F
ClientSampleId :
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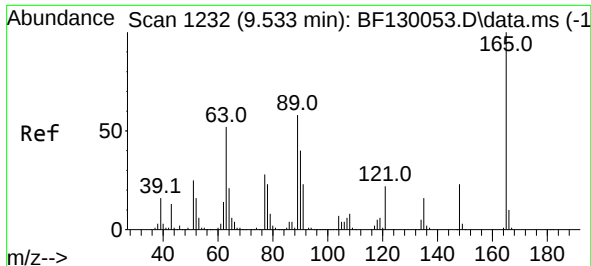
Tgt Ion:172 Resp: 885154
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 23.2 19.1 28.7



#50
Dimethylphthalate
Concen: 2.664 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.247 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:163 Resp: 56402
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 597.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.729 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.188 min

Lab File: BF130209.D

Acq: 12 Sep 2022 17:26

Instrument :

BNA_F

ClientSampleId :

251032-1

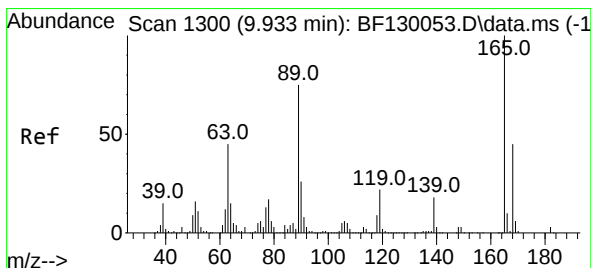
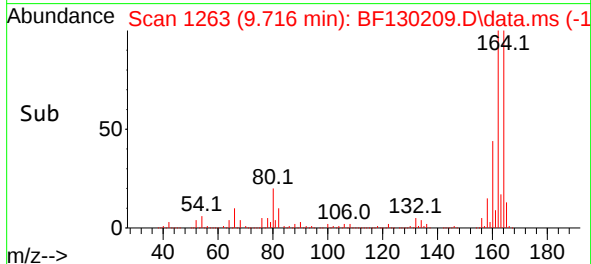
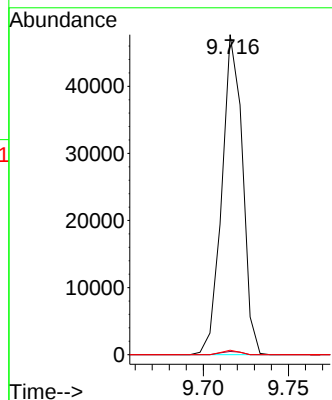
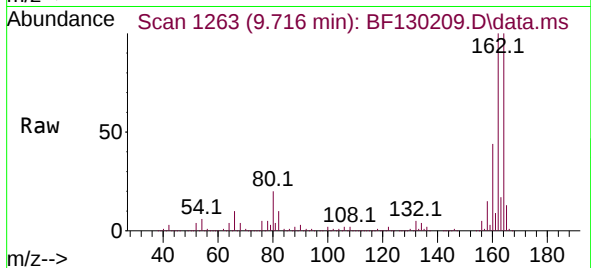
Tgt Ion:165 Resp: 40166

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.450 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.206 min

Lab File: BF130209.D

Acq: 12 Sep 2022 17:26

Tgt Ion:165 Resp: 40166

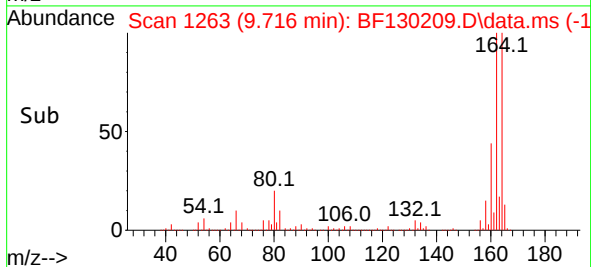
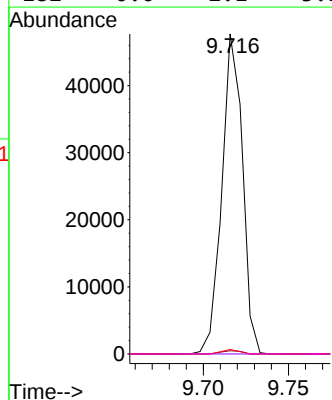
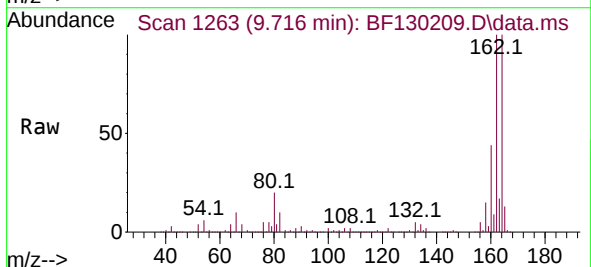
Ion Ratio Lower Upper

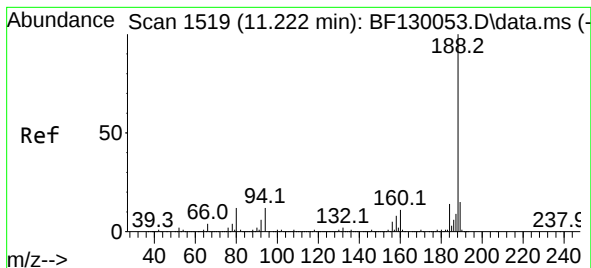
165 100

63 1.0 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130209.D

Acq: 12 Sep 2022 17:26

Instrument :

BNA_F

ClientSampleId :

251032-1

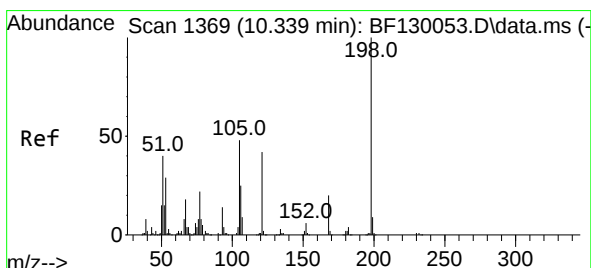
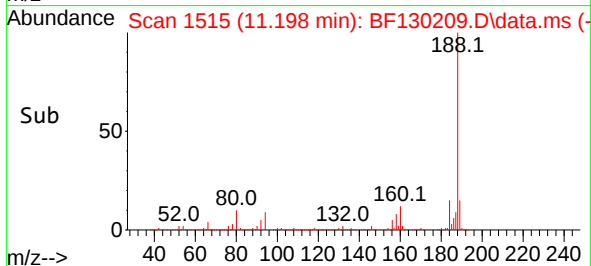
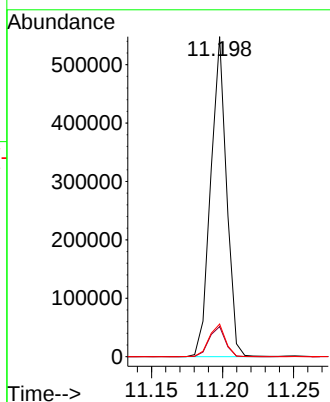
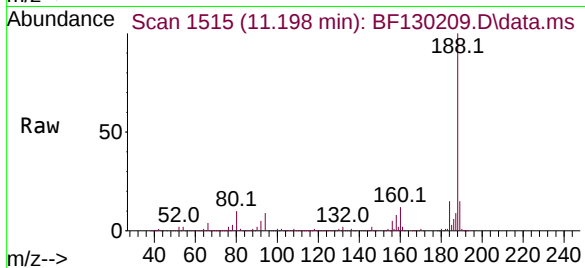
Tgt Ion:188 Resp: 425283

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.230 ng

RT: 10.498 min Scan# 1396

Delta R.T. 0.170 min

Lab File: BF130209.D

Acq: 12 Sep 2022 17:26

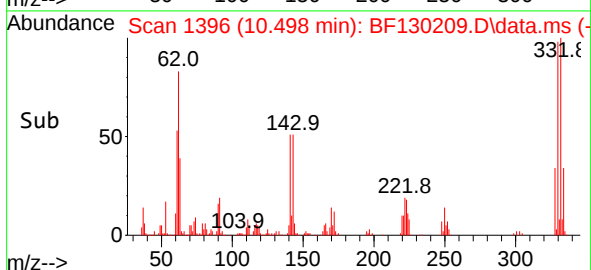
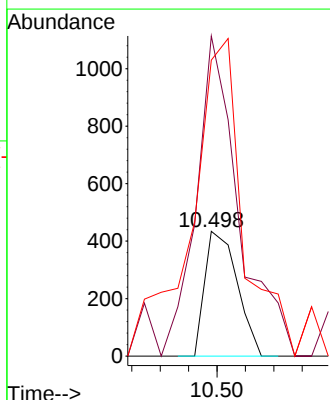
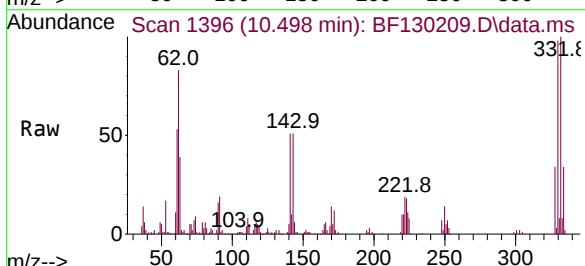
Tgt Ion:198 Resp: 343

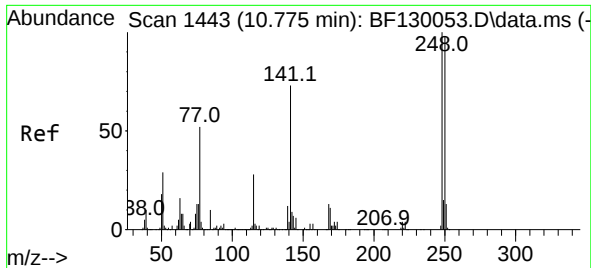
Ion Ratio Lower Upper

198 100

51 256.7 29.4 69.4#

105 237.3 29.2 69.2#

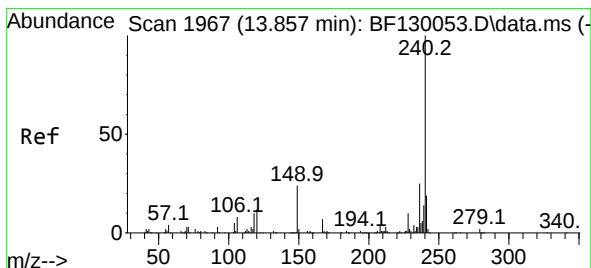
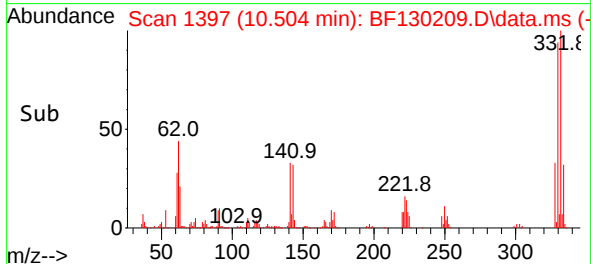
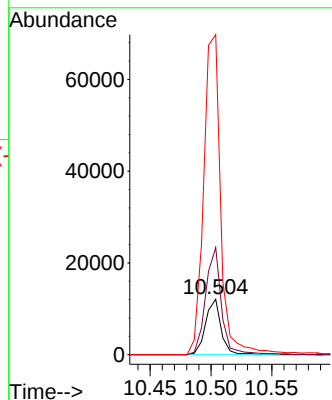
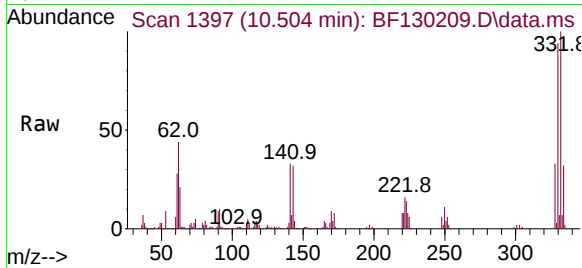




#67
4-Bromophenyl-phenylether
Concen: 2.261 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

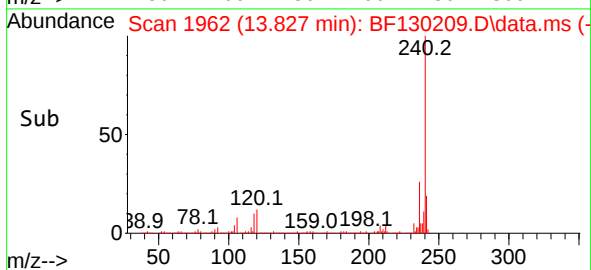
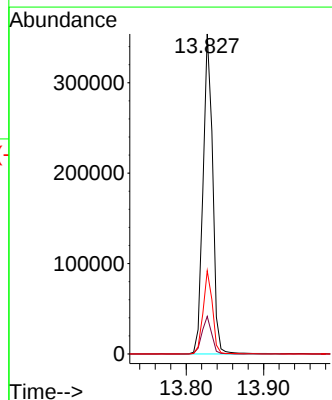
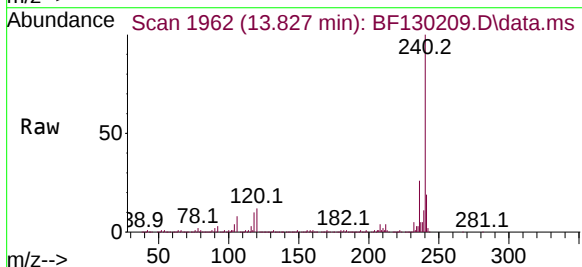
Instrument :
BNA_F
ClientSampleId :
251032-1

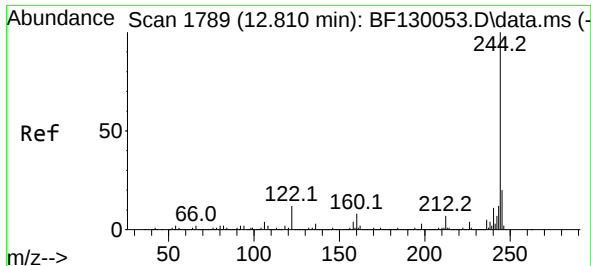
Tgt Ion:248 Resp: 10695
Ion Ratio Lower Upper
248 100
250 193.1 77.8 116.6#
141 577.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:240 Resp: 305510
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.0 20.7 31.1

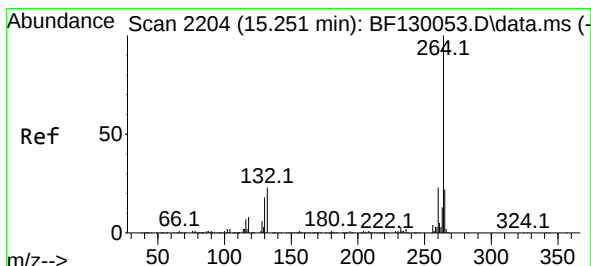
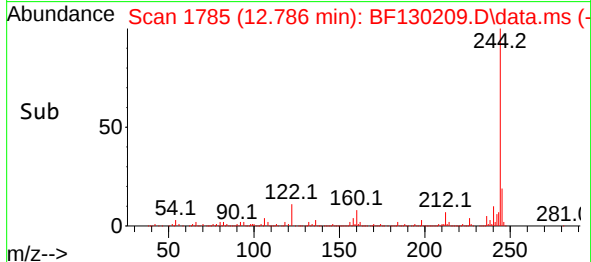
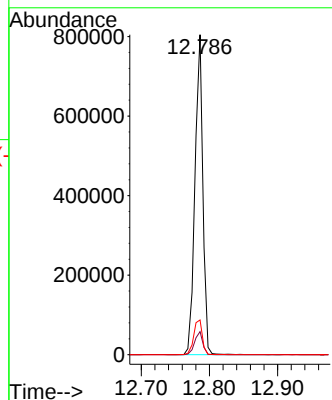
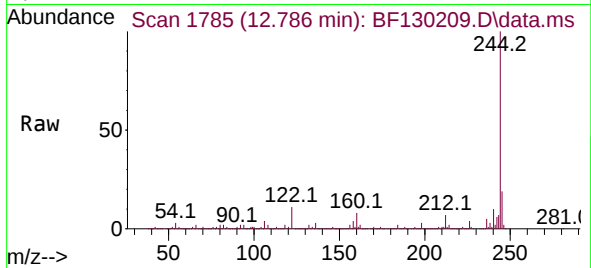




#79
 Terphenyl-d14
 Concen: 36.654 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Tgt Ion:244 Resp: 645760
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

Tgt Ion:264 Resp: 370329
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.3 16.7 25.1

