

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130088.D
 Acq On : 01 Sep 2022 20:52
 Operator : CG\JU
 Sample : N4389-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-3

Quant Time: Sep 02 04:04:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

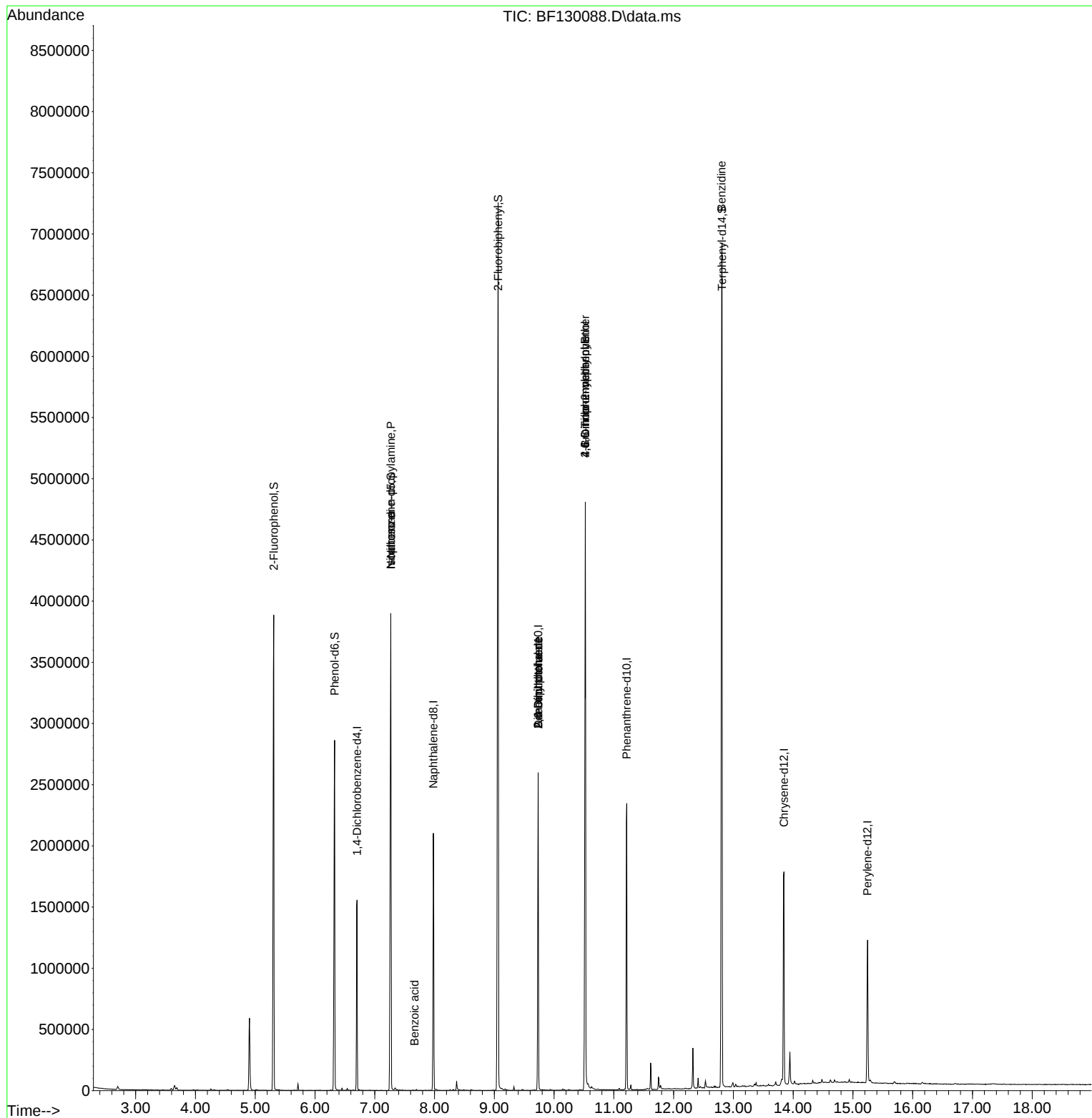
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	247530	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	977785	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	518263	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	865816	20.000	ng	0.00
76) Chrysene-d12	13.845	240	598180	20.000	ng	-0.01
86) Perylene-d12	15.245	264	484355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1211999	83.123	ng	0.00
7) Phenol-d6	6.328	99	1062021	58.424	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1473352	96.838	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	689590	146.173	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2588322	82.802	ng	0.00
79) Terphenyl-d14	12.810	244	2856836	82.820	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	189628	17.316	ng	# 73
25) Isophorone	7.269	82	1466986	47.638	ng	# 65
32) Benzoic acid	7.663	122	98	6.580	ng	90
50) Dimethylphthalate	9.733	163	97159	2.752	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	67951	9.873	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	67951	8.575	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1459	6.393	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	40260	4.180	ng	# 1
77) Benzidine	12.804	184	39351	2.437	ng	# 92

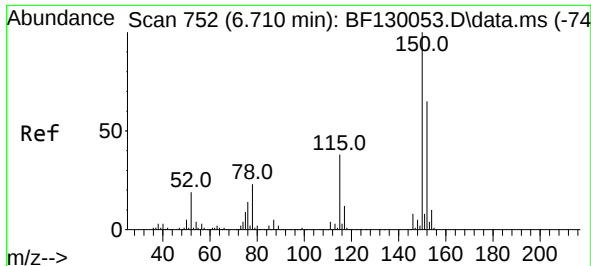
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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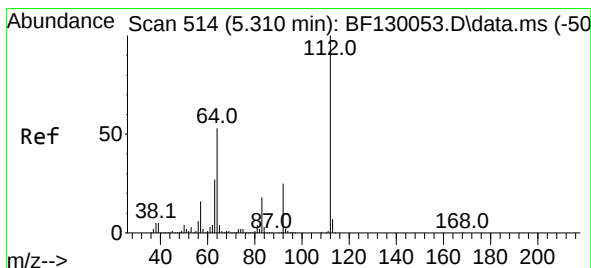
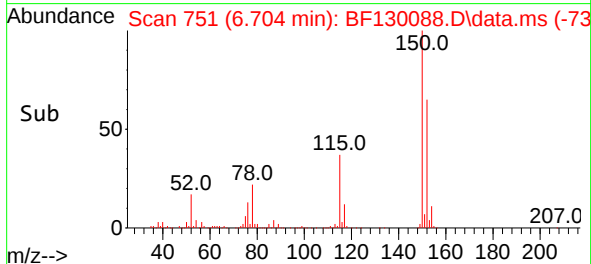
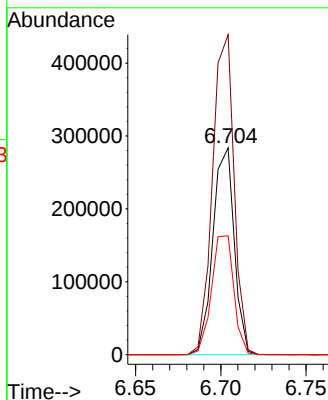
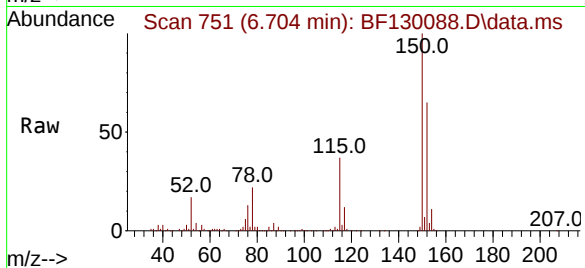




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

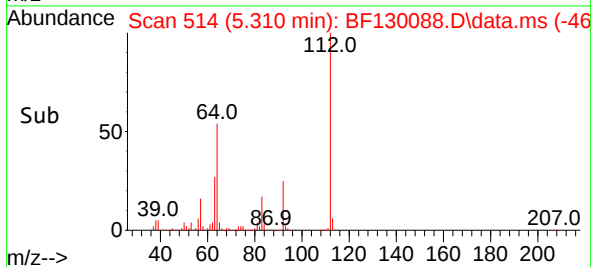
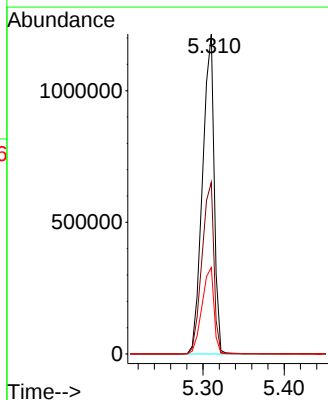
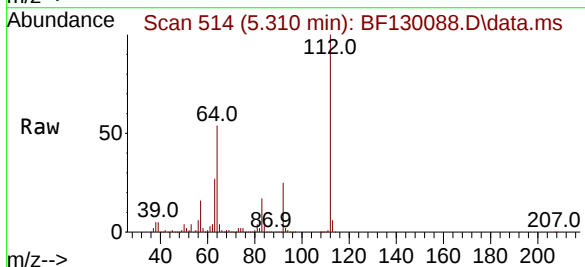
Instrument :
 BNA_F
 ClientSampleId :
 265393-3

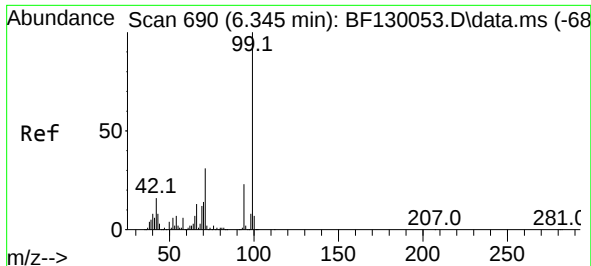
Tgt Ion:152 Resp: 247530
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.9 190.3
 115 57.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 83.123 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

Tgt Ion:112 Resp: 1211999
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.6 71.4
 63 27.0 24.6 37.0

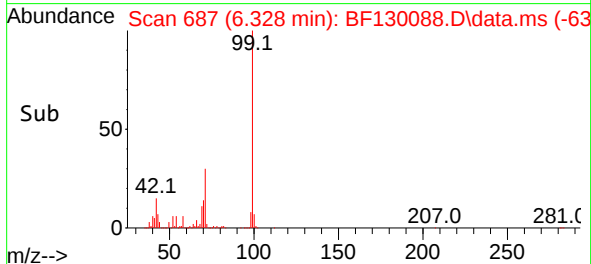
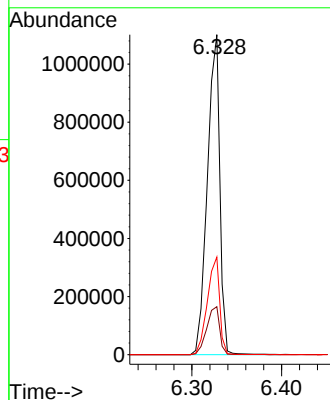
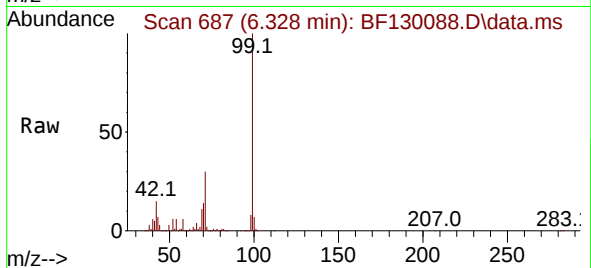




#7
Phenol-d6
Concen: 58.424 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

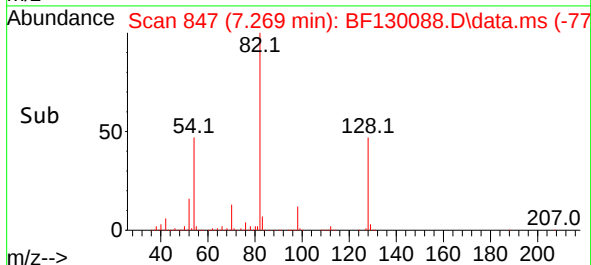
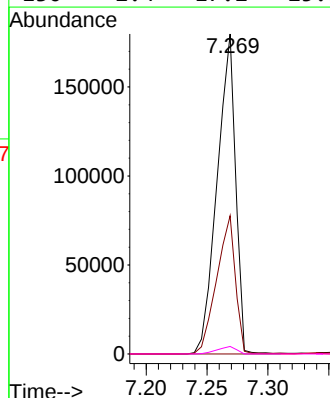
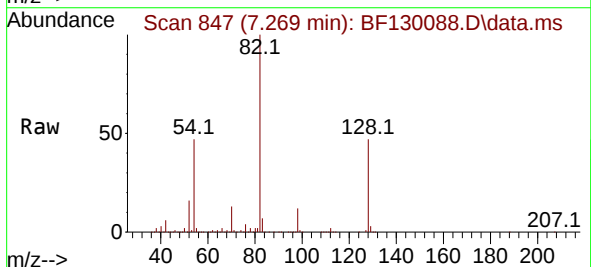
Instrument :
BNA_F
ClientSampleId :
265393-3

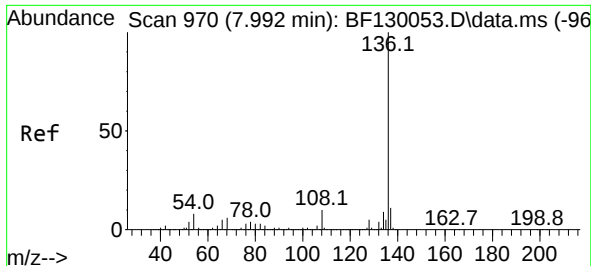
Tgt Ion: 99 Resp: 1062021
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 30.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.316 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion: 70 Resp: 189628
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

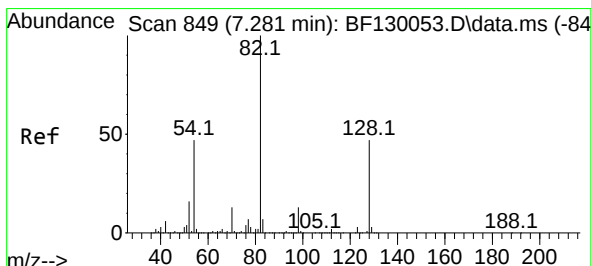
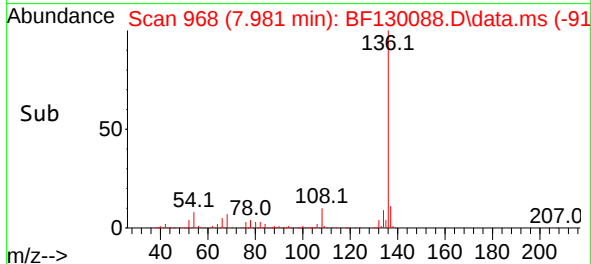
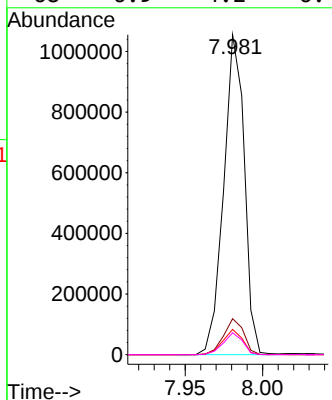
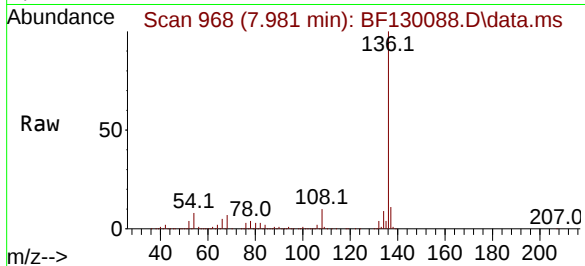




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

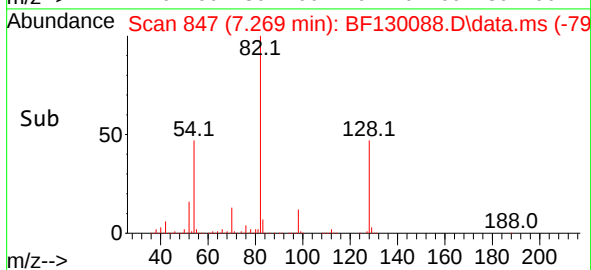
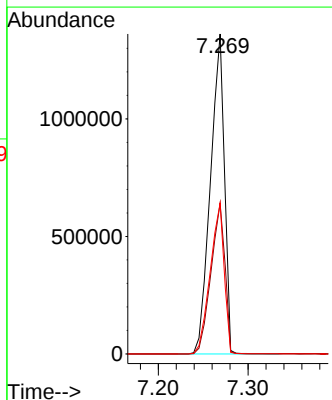
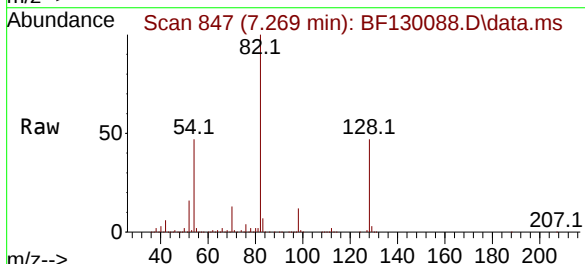
Instrument :
BNA_F
ClientSampleId :
265393-3

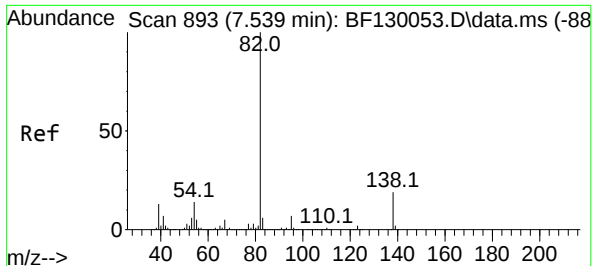
Tgt Ion:136 Resp: 977785
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.9 6.2 9.2
68 6.9 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 96.838 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion: 82 Resp: 1473352
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 47.2 40.0 60.0

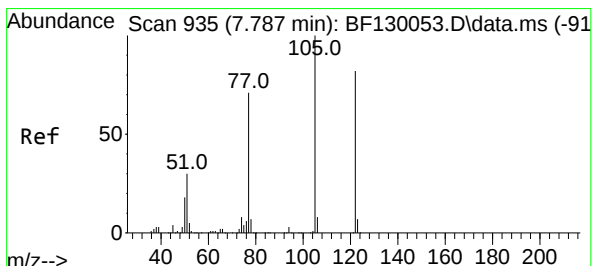
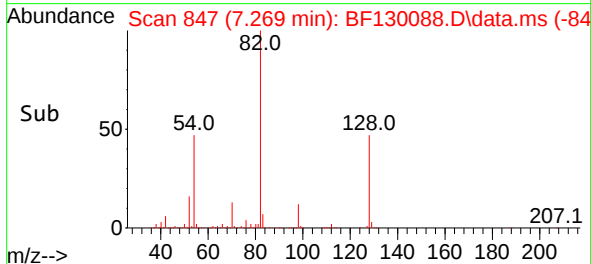
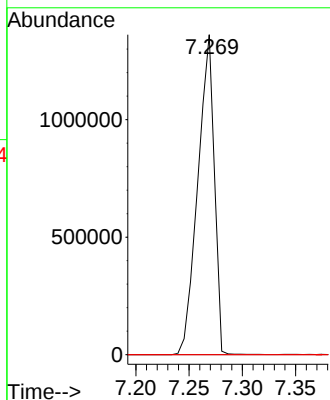
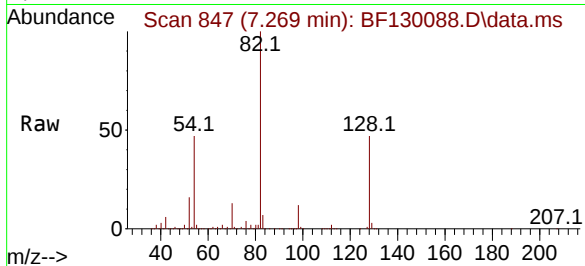




#25
Isophorone
Concen: 47.638 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

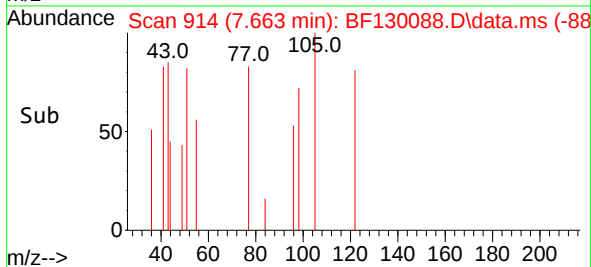
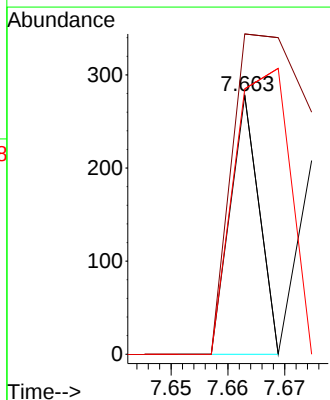
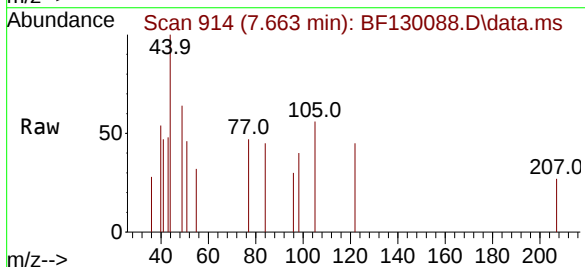
Instrument :
BNA_F
ClientSampleId :
265393-3

Tgt Ion: 82 Resp: 1466986
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.580 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

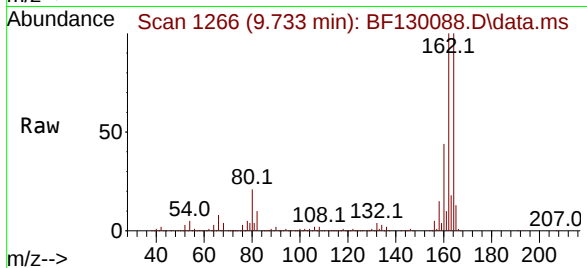
Tgt Ion:122 Resp: 98
Ion Ratio Lower Upper
122 100
105 123.7 99.9 139.9
77 102.5 65.9 105.9



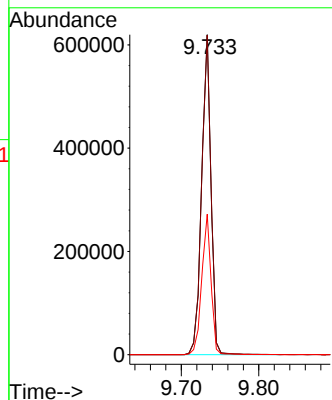
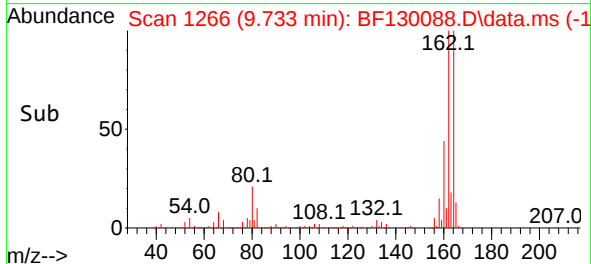


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

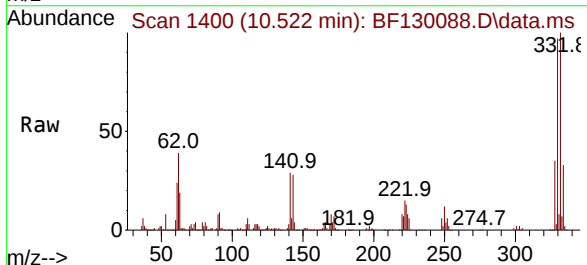
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ClientSampleId :
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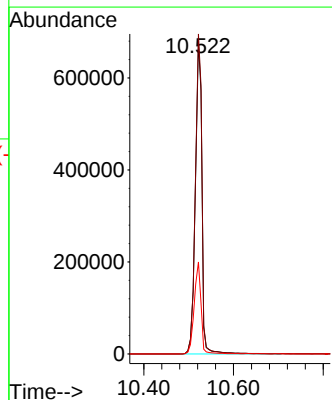
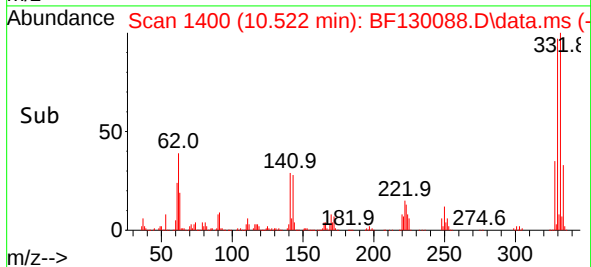
Tgt Ion:164 Resp: 518263
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 43.9 35.4 53.0

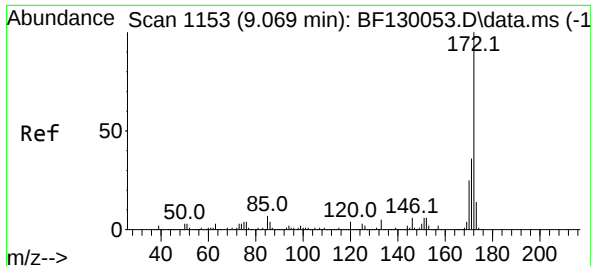


#42
2,4,6-Tribromophenol
Concen: 146.173 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52



Tgt Ion:330 Resp: 689590
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 30.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 82.802 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

265393-3

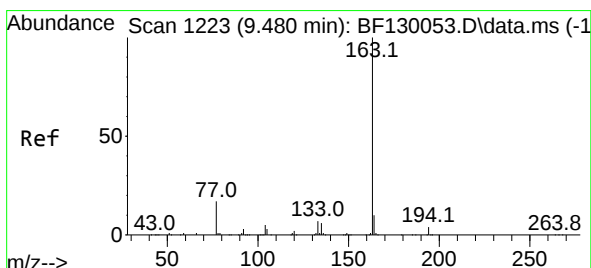
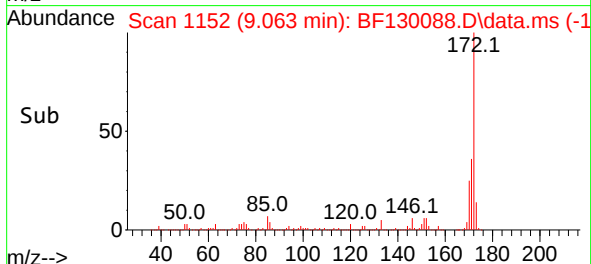
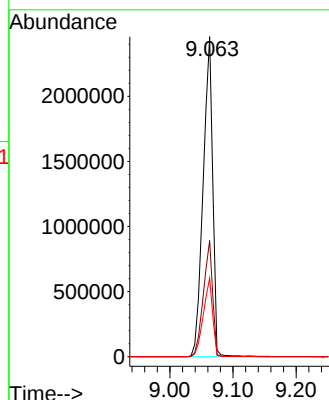
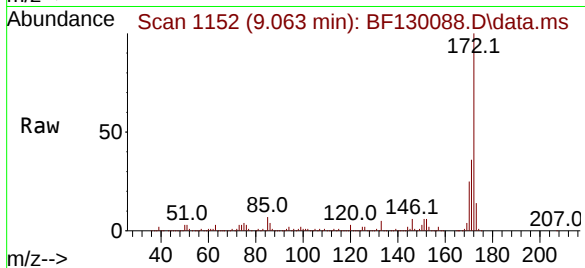
Tgt Ion:172 Resp: 2588322

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.6 19.1 28.7



#50

Dimethylphthalate

Concen: 2.752 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

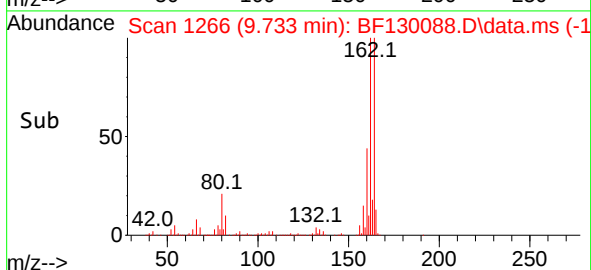
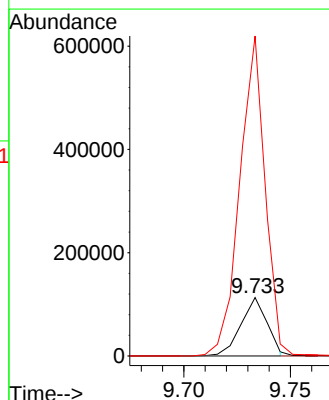
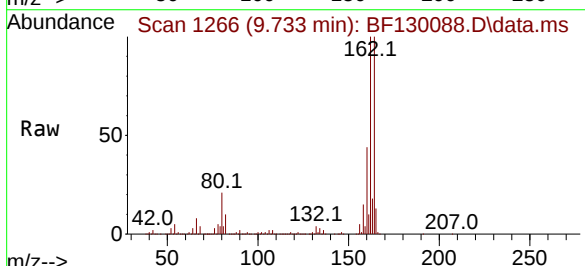
Tgt Ion:163 Resp: 97159

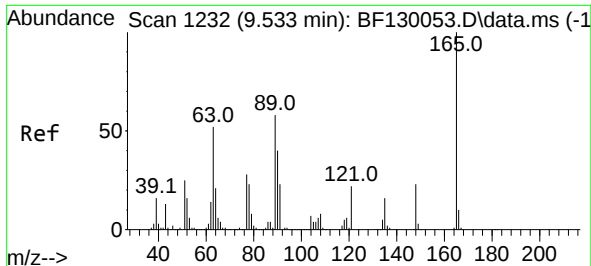
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 547.6 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.873 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

265393-3

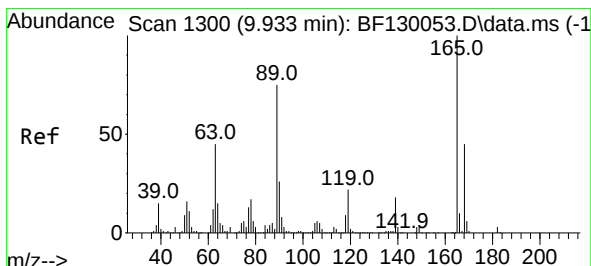
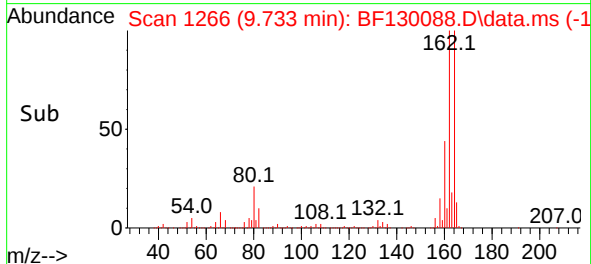
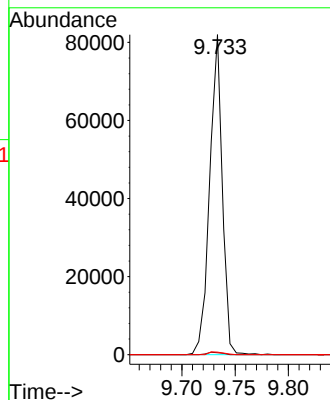
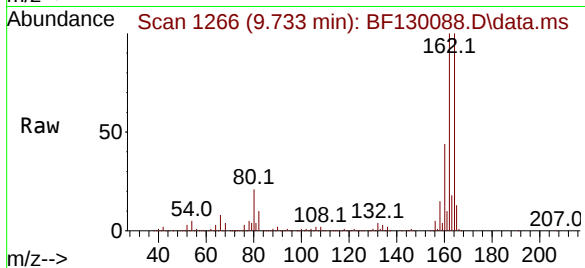
Tgt Ion:165 Resp: 67951

Ion Ratio Lower Upper

165 100

63 0.6 47.8 71.8#

89 0.8 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.575 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

Tgt Ion:165 Resp: 67951

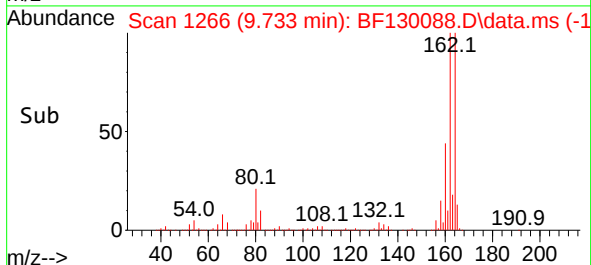
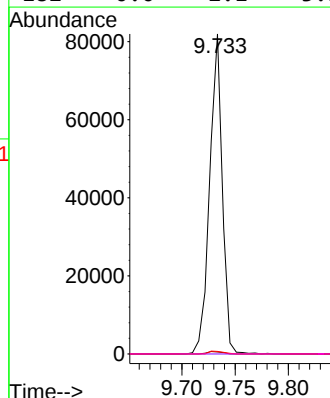
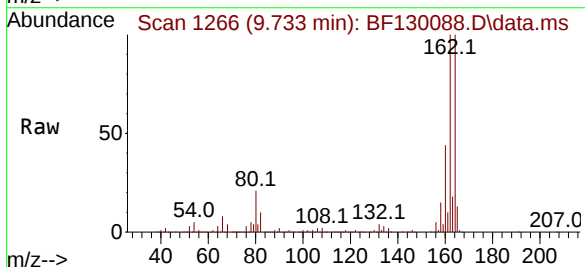
Ion Ratio Lower Upper

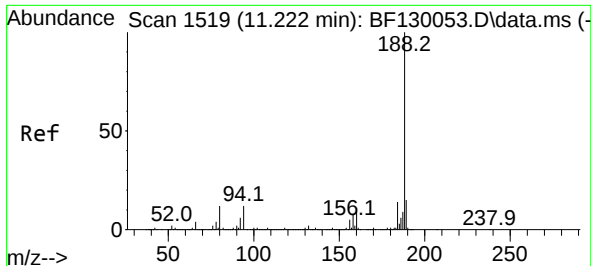
165 100

63 0.6 48.4 72.6#

89 0.8 62.3 93.5#

182 0.0 2.1 3.1#

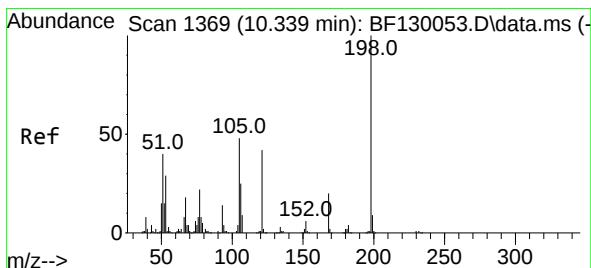
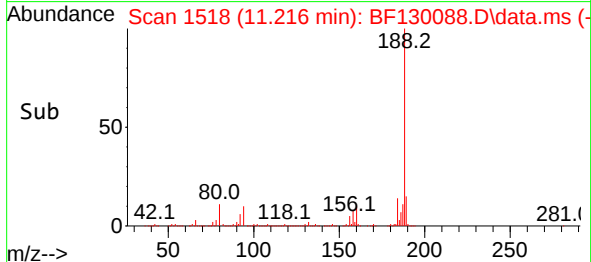
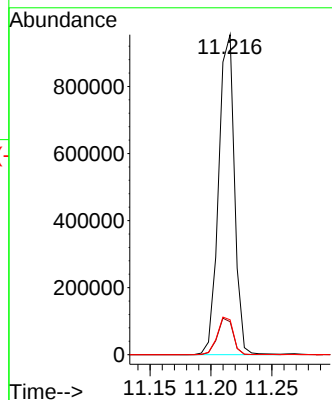
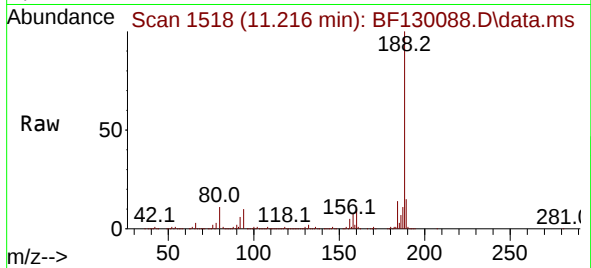




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

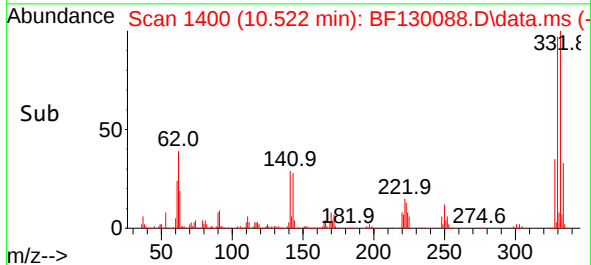
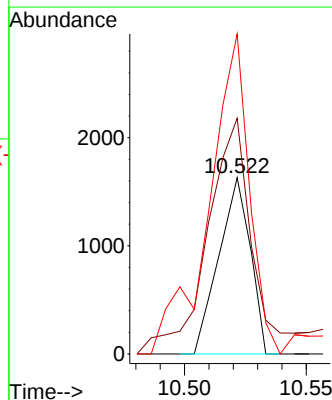
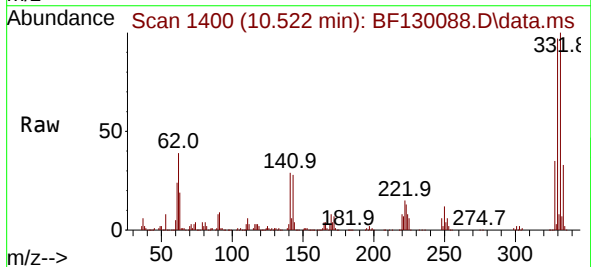
Instrument :
BNA_F
ClientSampleId :
265393-3

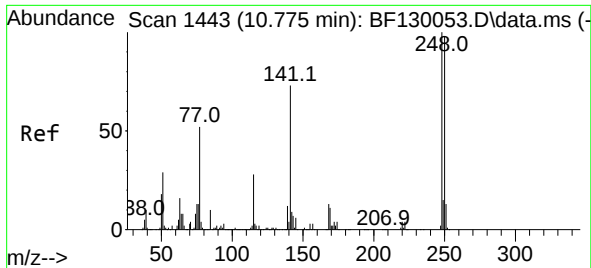
Tgt Ion:188 Resp: 865816
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.9 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.393 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion:198 Resp: 1459
Ion Ratio Lower Upper
198 100
51 133.7 29.4 69.4#
105 181.4 29.2 69.2#

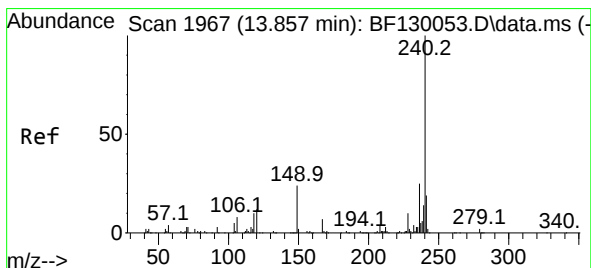
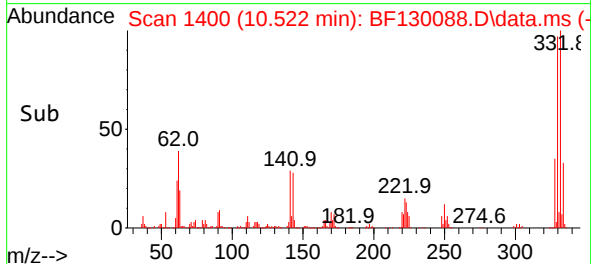
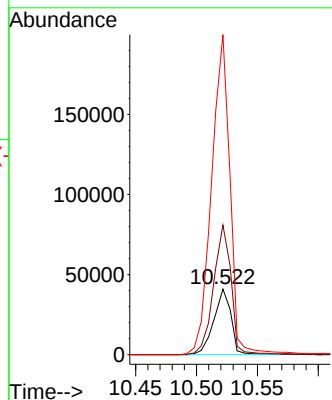
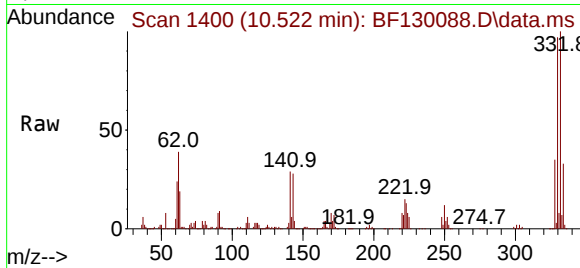




#67
4-Bromophenyl-phenylether
Concen: 4.180 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

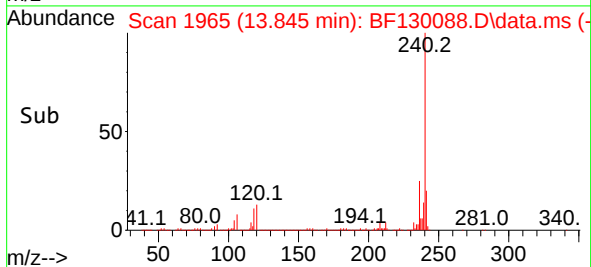
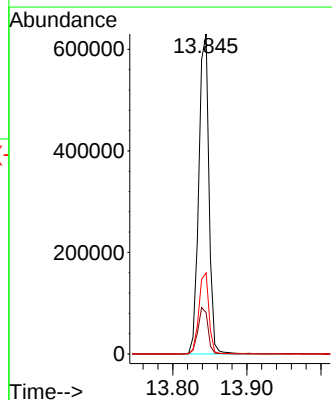
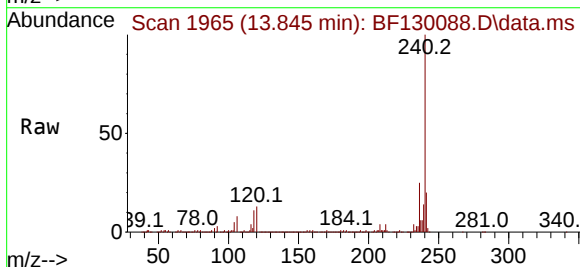
Instrument :
BNA_F
ClientSampleId :
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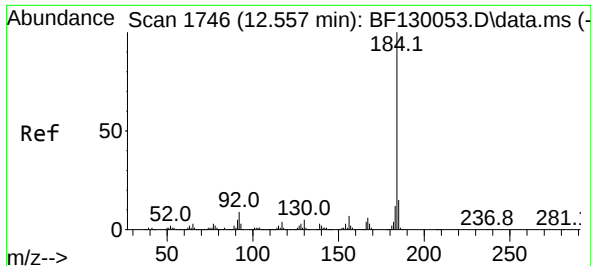
Tgt Ion:248 Resp: 40260
Ion Ratio Lower Upper
248 100
250 197.6 77.8 116.6#
141 487.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion:240 Resp: 598180
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.4 20.7 31.1

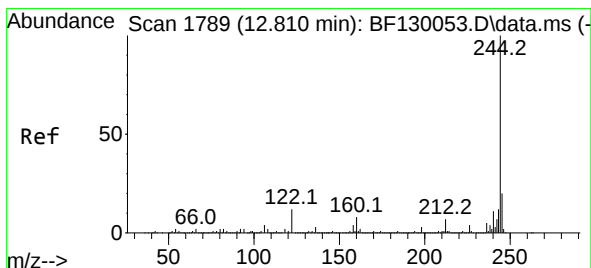
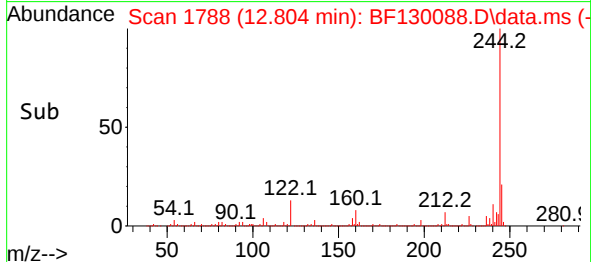
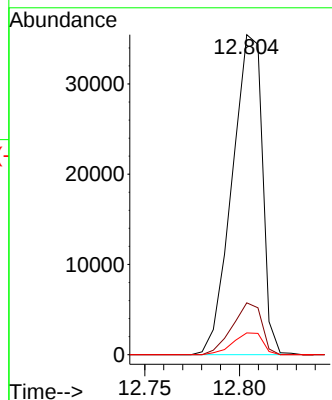
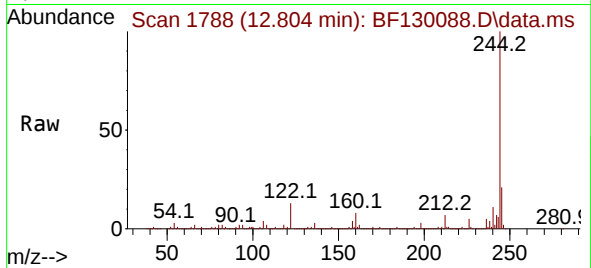




#77
Benzidine
Concen: 2.437 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

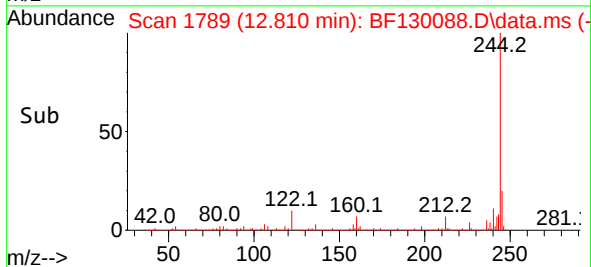
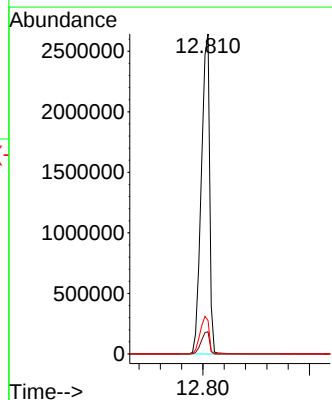
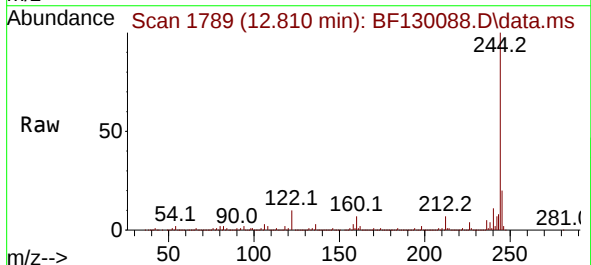
Instrument :
BNA_F
ClientSampleId :
265393-3

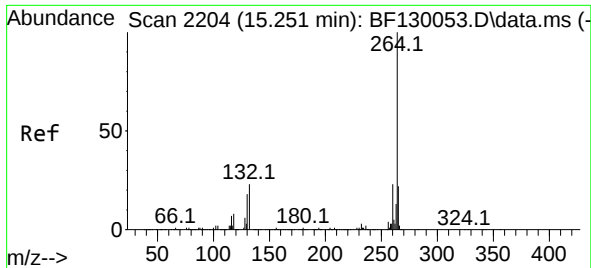
Tgt Ion:184 Resp: 39351
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.2
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 82.820 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion:244 Resp: 2856836
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.5 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 265393-3

Tgt Ion:264 Resp: 484355
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.5 16.7 25.1

