

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130083.D
 Acq On : 01 Sep 2022 18:09
 Operator : CG\JU
 Sample : N4383-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 252672-2

Quant Time: Sep 02 04:01:59 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)

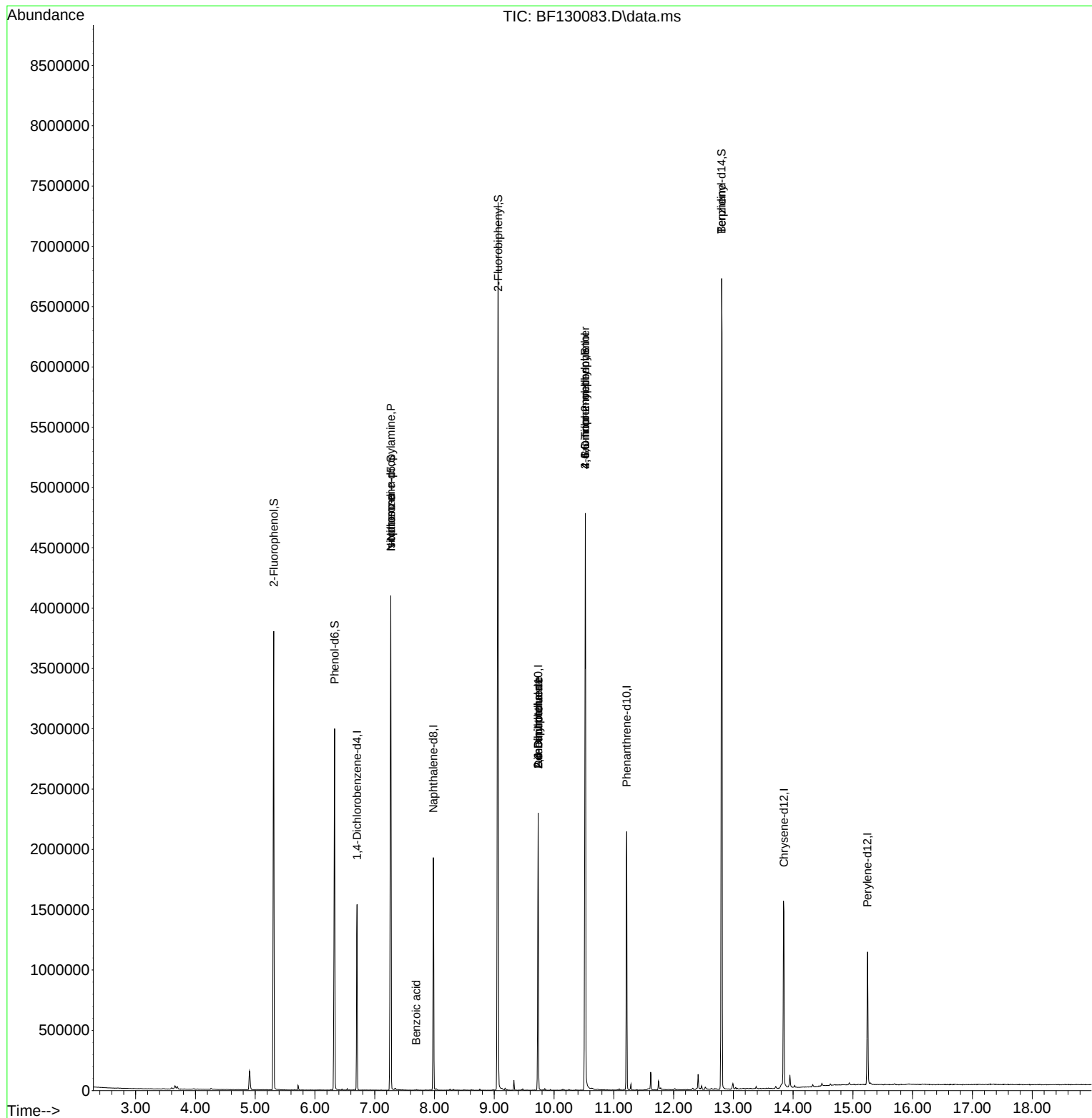
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	223301	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	881974	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	467163	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	769004	20.000	ng	0.00
76) Chrysene-d12	13.845	240	505934	20.000	ng	-0.01
86) Perylene-d12	15.245	264	430236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1136767	86.423	ng	0.00
7) Phenol-d6	6.328	99	1086794	66.273	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1514492	110.355	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	690621	162.404	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2720239	96.541	ng	0.00
79) Terphenyl-d14	12.804	244	2715889	93.089	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	195727	19.812	ng	# 73
25) Isophorone	7.269	82	1509920	54.359	ng	# 65
32) Benzoic acid	7.693	122	242	6.594	ng	# 52
50) Dimethylphthalate	9.734	163	86698	2.725	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	60995	9.832	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	60995	8.540	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1567	6.458	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	39765	4.649	ng	# 1
77) Benzidine	12.804	184	37920	2.776	ng	# 91

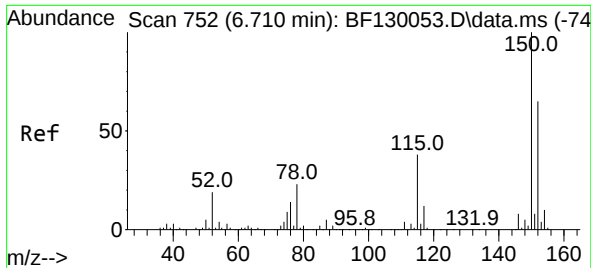
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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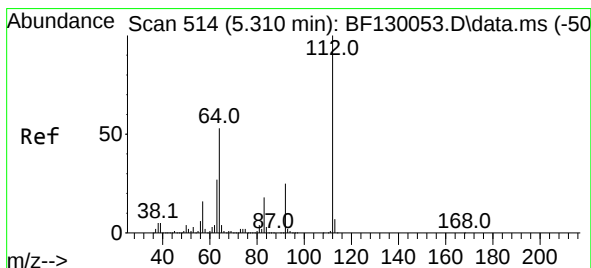
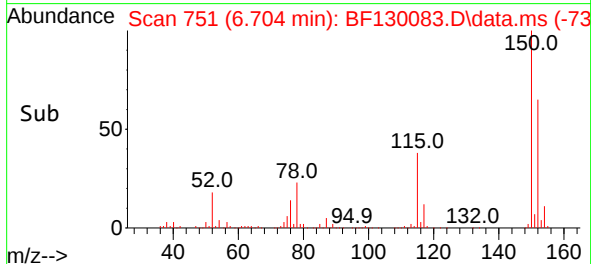
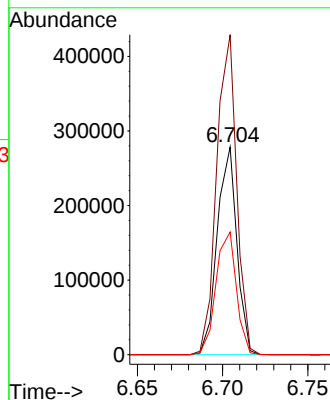
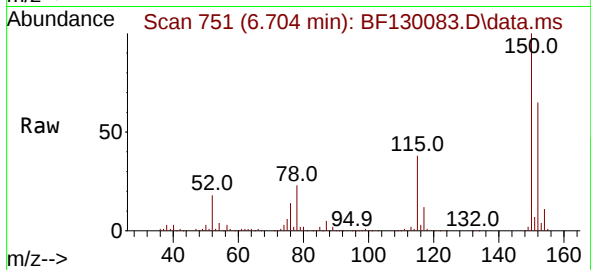




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BF130083.D
 Acq: 01 Sep 2022 18:09

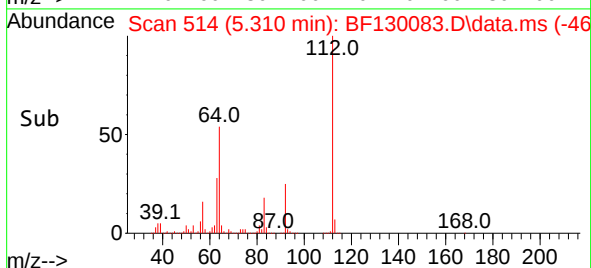
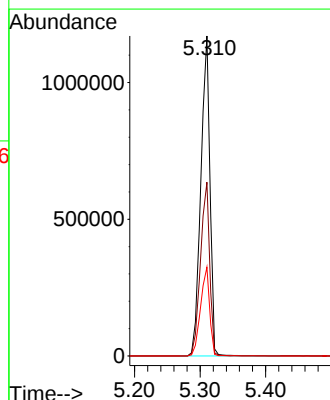
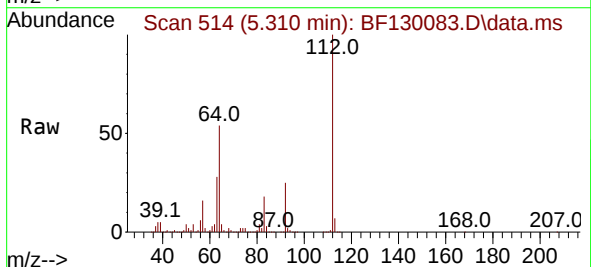
Instrument :
 BNA_F
 ClientSampleId :
 252672-2

Tgt Ion:152 Resp: 223301
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.9 190.3
 115 59.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 86.423 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130083.D
 Acq: 01 Sep 2022 18:09

Tgt Ion:112 Resp: 1136767
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.6 71.4
 63 27.8 24.6 37.0

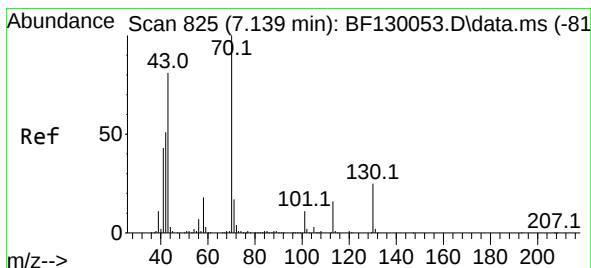
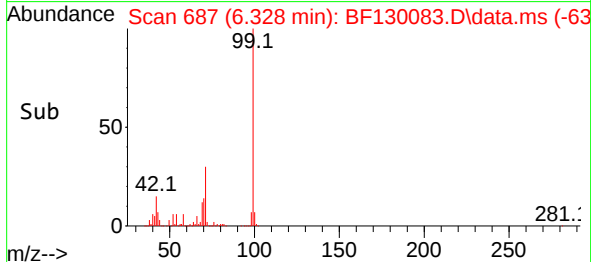
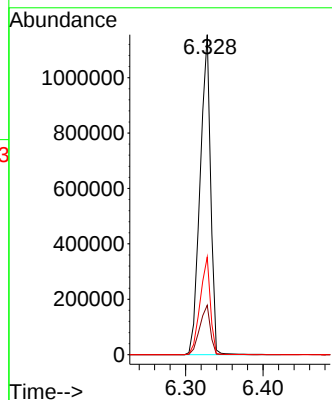
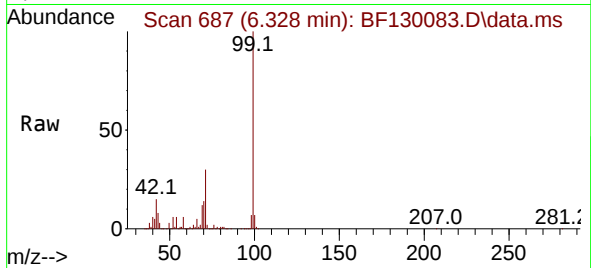




#7
Phenol-d6
Concen: 66.273 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

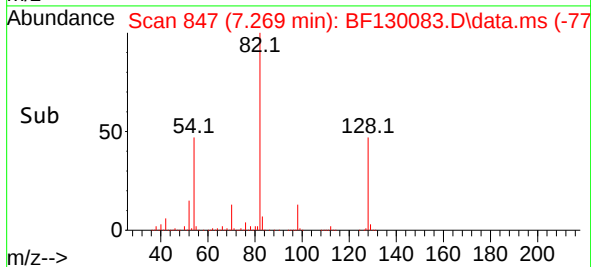
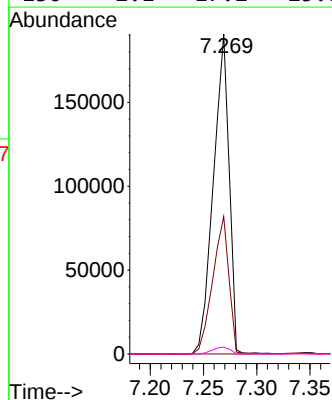
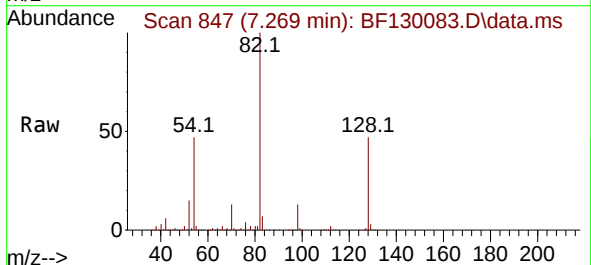
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BNA_F
ClientSampleId :
252672-2

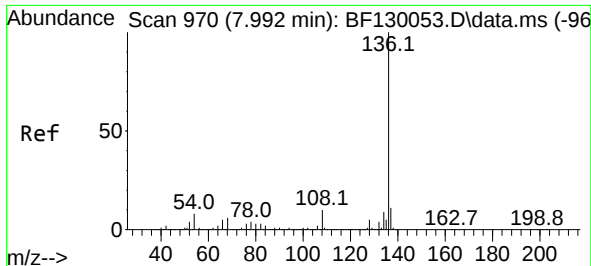
Tgt Ion: 99 Resp: 1086794
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.812 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.130 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion: 70 Resp: 195727
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

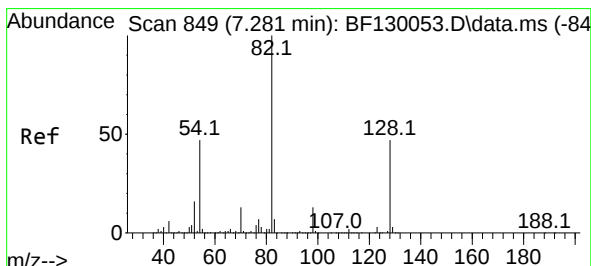
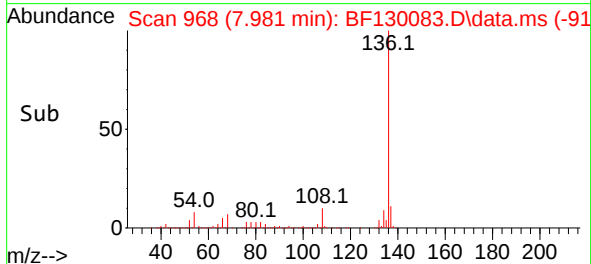
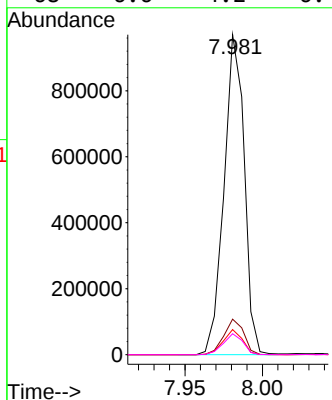
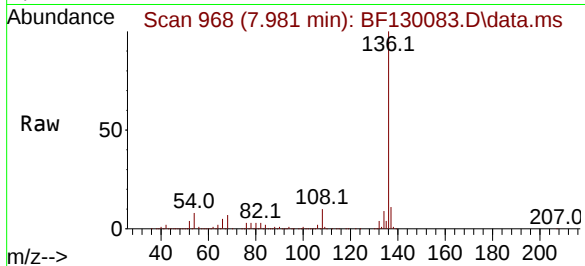




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

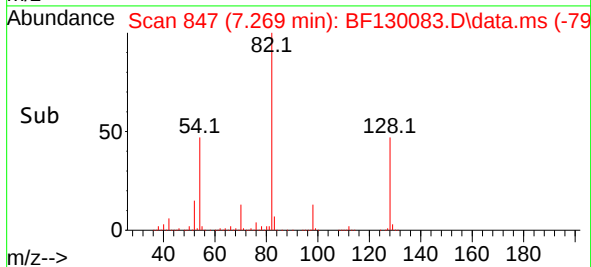
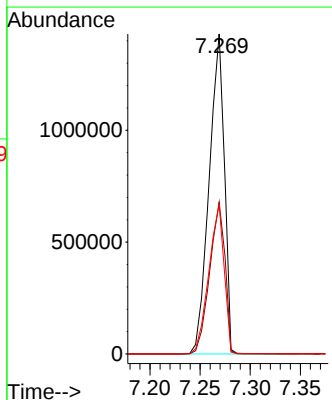
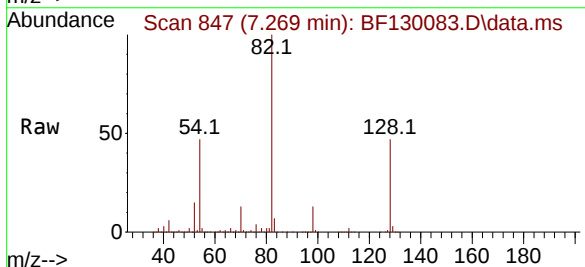
Instrument :
BNA_F
ClientSampleId :
252672-2

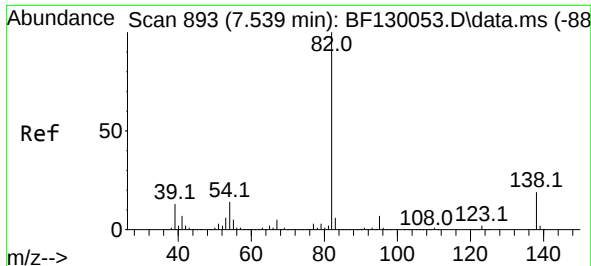
Tgt Ion:136 Resp: 881974
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 110.355 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion: 82 Resp: 1514492
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 46.7 40.0 60.0

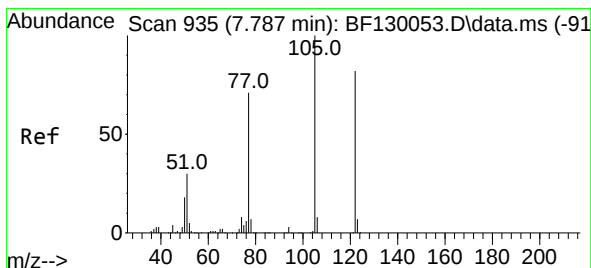
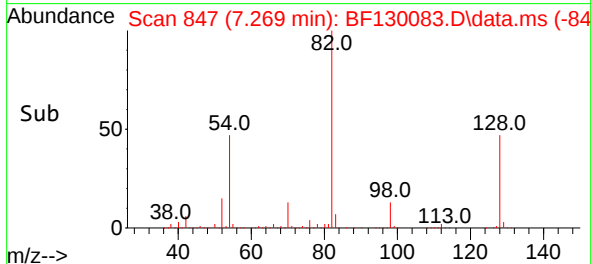
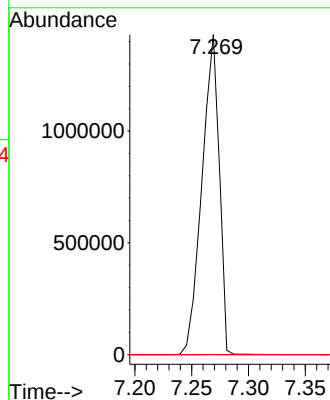
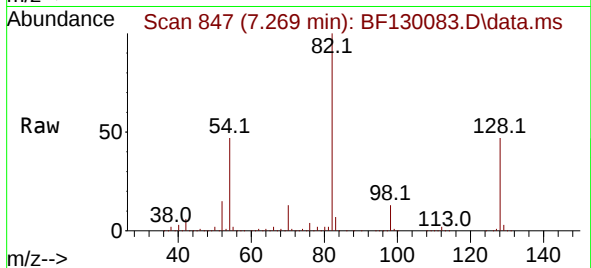




#25
Isophorone
Concen: 54.359 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.270 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

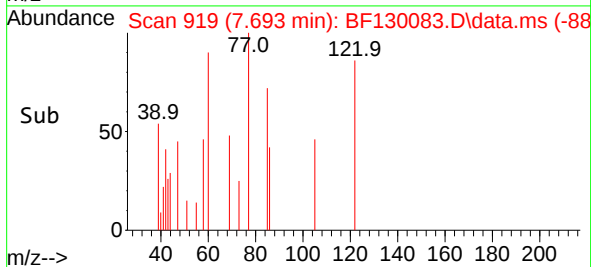
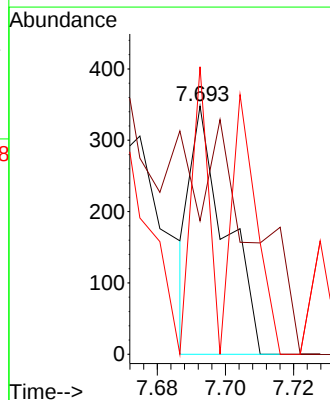
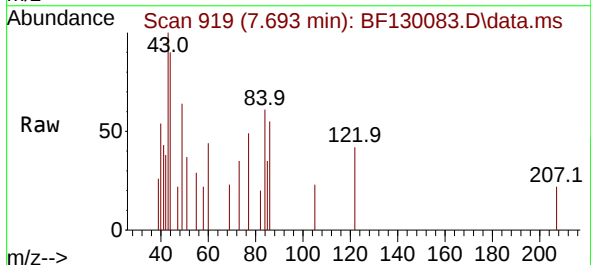
Instrument :
BNA_F
ClientSampleId :
252672-2

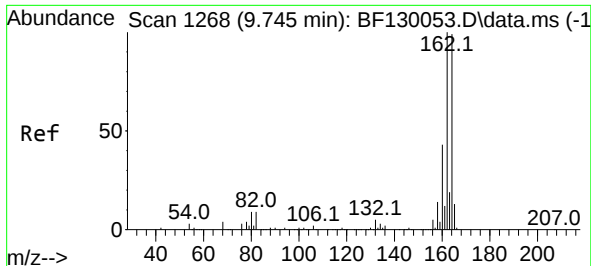
Tgt Ion: 82 Resp: 1509920
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.594 ng
RT: 7.693 min Scan# 919
Delta R.T. -0.094 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion:122 Resp: 242
Ion Ratio Lower Upper
122 100
105 53.7 99.9 139.9#
77 115.8 65.9 105.9#

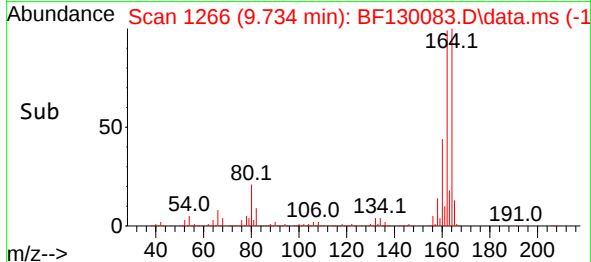
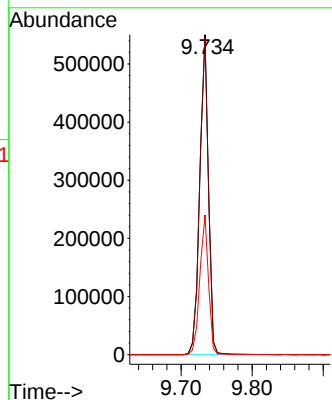
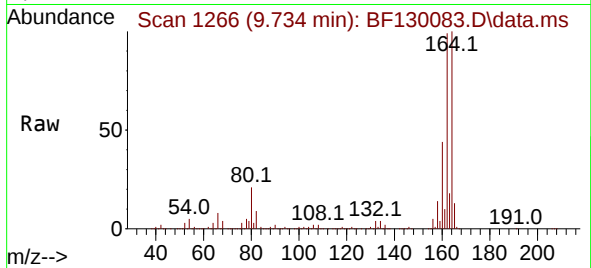




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

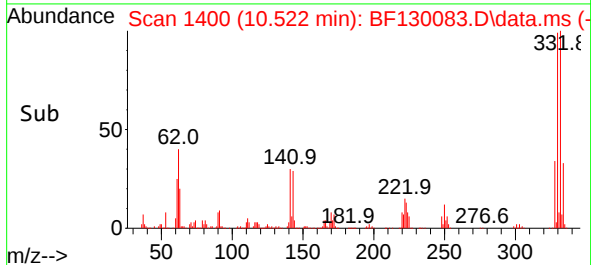
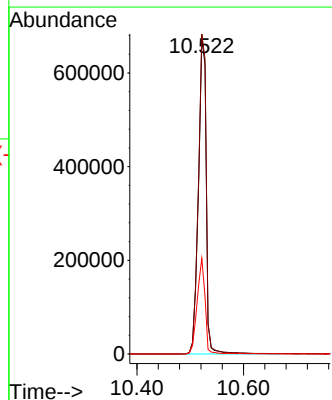
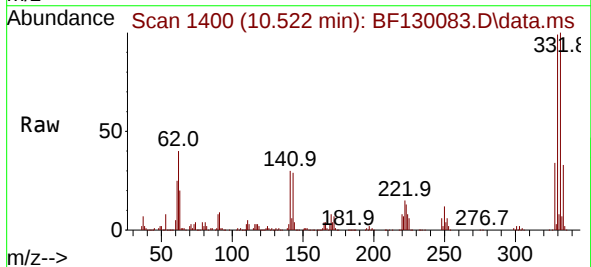
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ClientSampleId :
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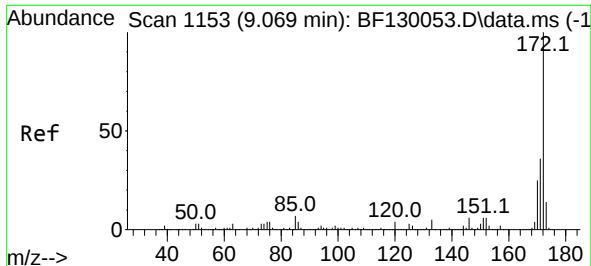
Tgt Ion:164 Resp: 467163
Ion Ratio Lower Upper
164 100
162 99.1 82.0 123.0
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 162.404 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion:330 Resp: 690621
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 30.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 96.541 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130083.D

Acq: 01 Sep 2022 18:09

Instrument :

BNA_F

ClientSampleId :

252672-2

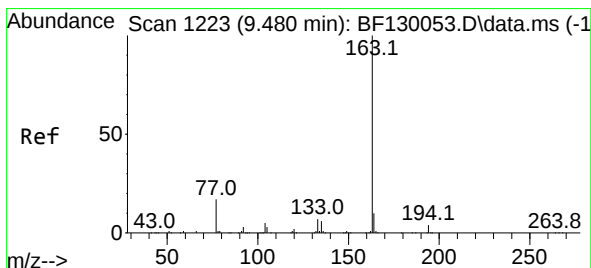
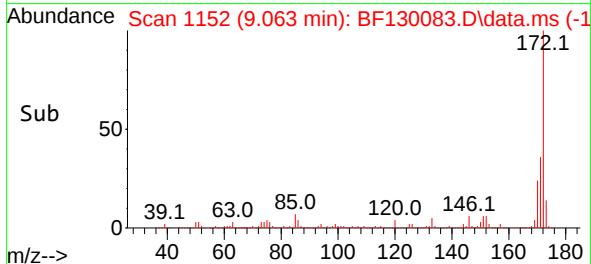
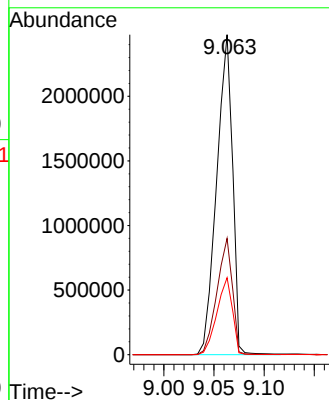
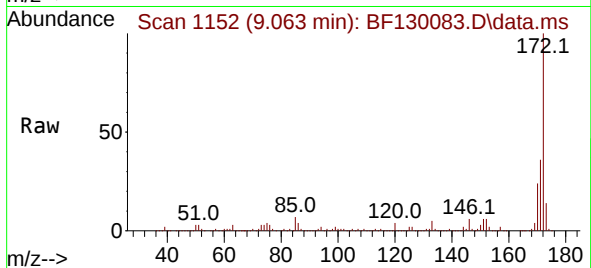
Tgt Ion:172 Resp: 2720239

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.725 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130083.D

Acq: 01 Sep 2022 18:09

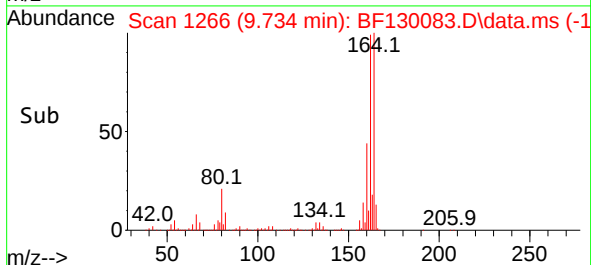
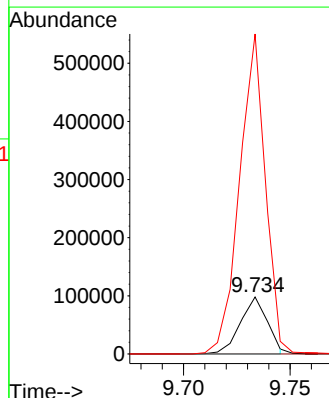
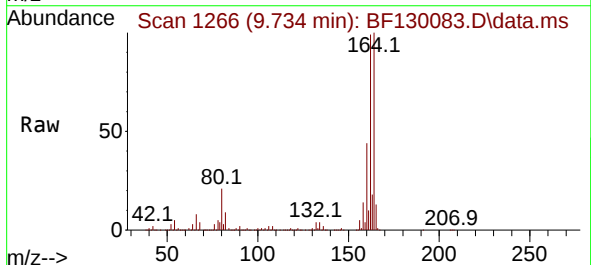
Tgt Ion:163 Resp: 86698

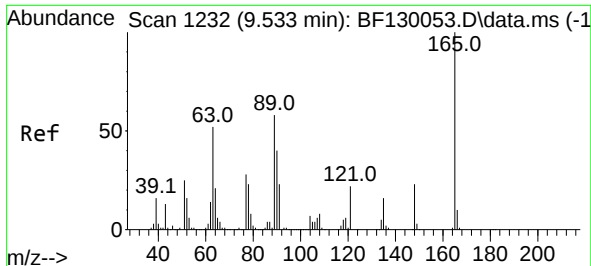
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 561.6 8.2 12.2#

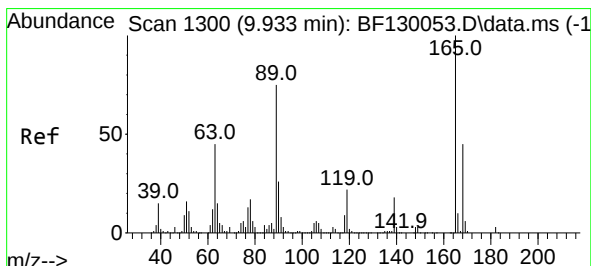
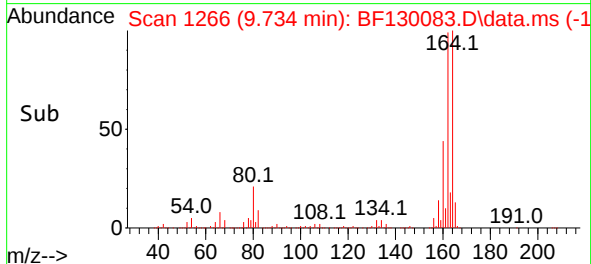
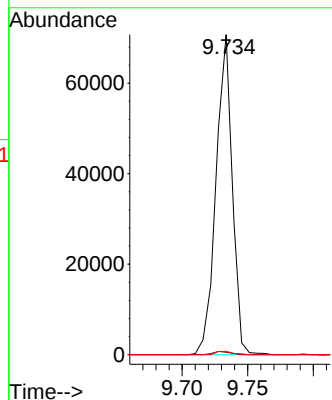
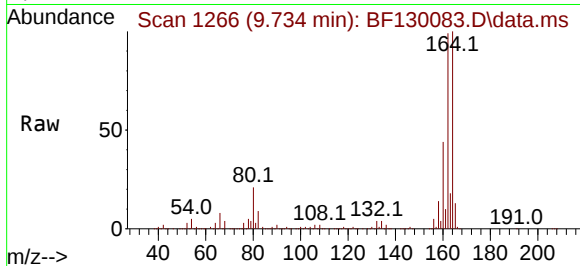




#51
2,6-Dinitrotoluene
Concen: 9.832 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

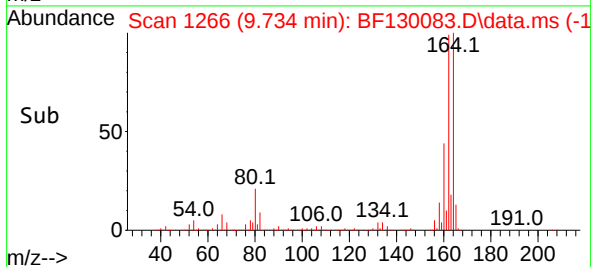
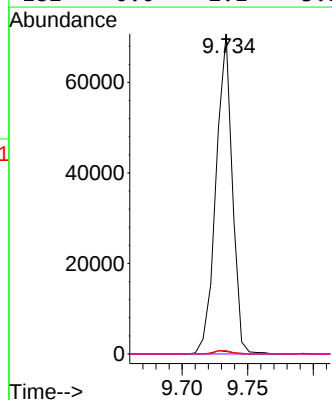
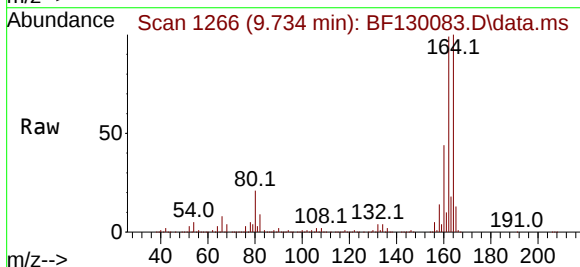
Instrument :
BNA_F
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252672-2

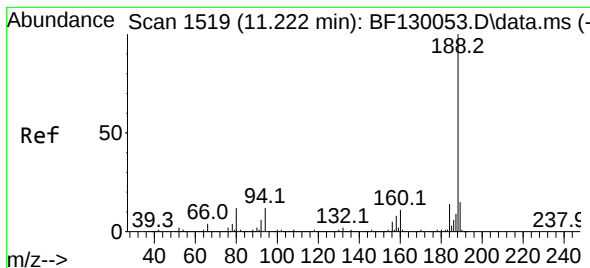
Tgt Ion:165 Resp: 60995
Ion Ratio Lower Upper
165 100
63 0.7 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.540 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion:165 Resp: 60995
Ion Ratio Lower Upper
165 100
63 0.7 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130083.D

Acq: 01 Sep 2022 18:09

Instrument :

BNA_F

ClientSampleId :

252672-2

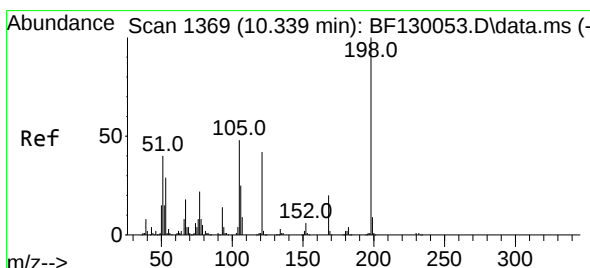
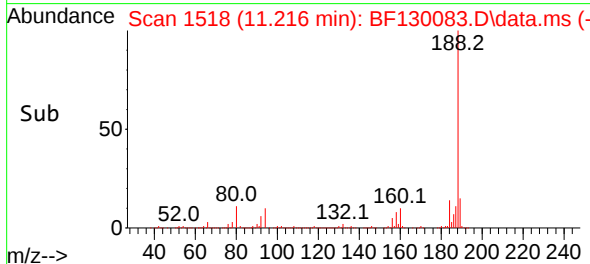
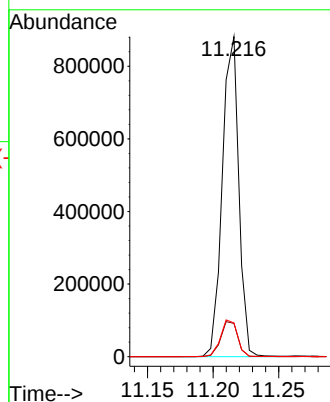
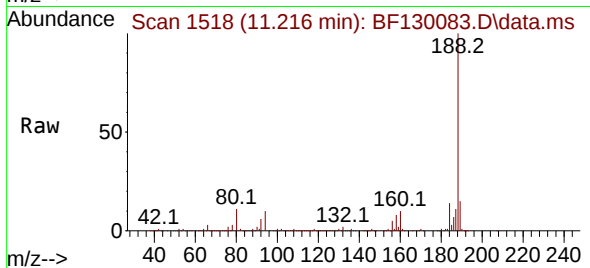
Tgt Ion:188 Resp: 769004

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 10.5 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.458 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130083.D

Acq: 01 Sep 2022 18:09

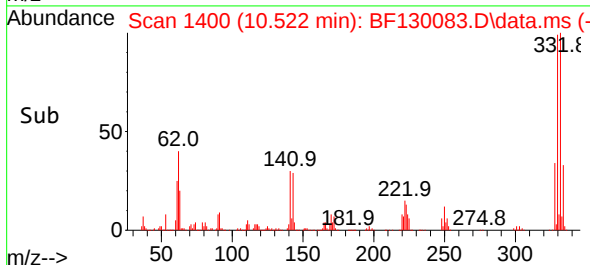
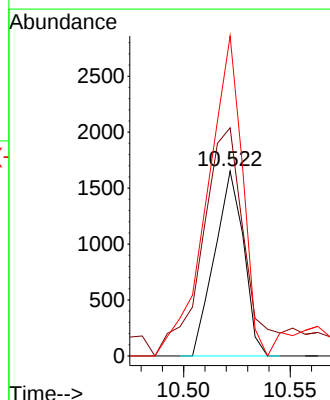
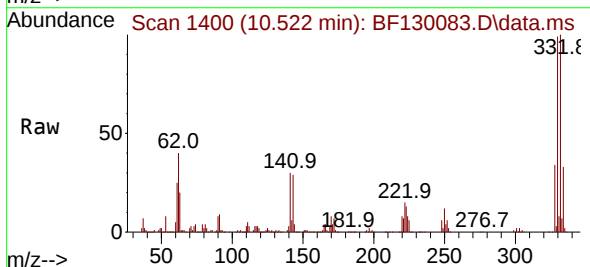
Tgt Ion:198 Resp: 1567

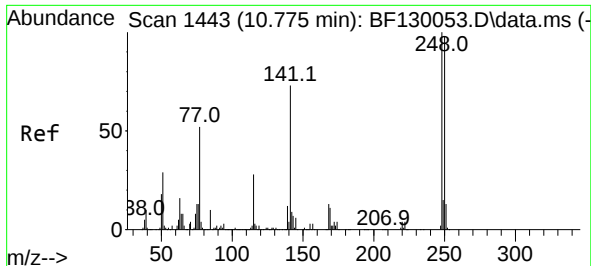
Ion Ratio Lower Upper

198 100

51 123.4 29.4 69.4#

105 173.1 29.2 69.2#

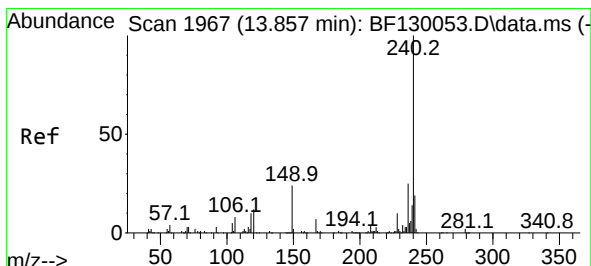
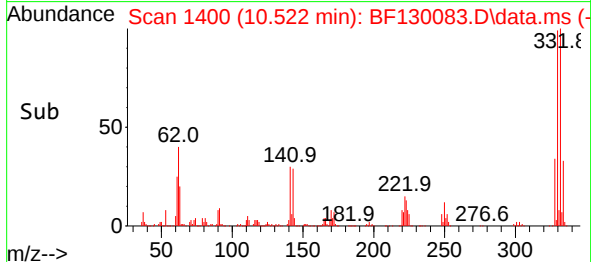
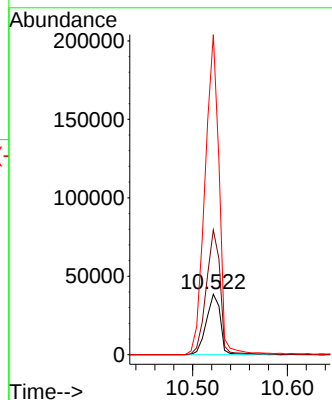
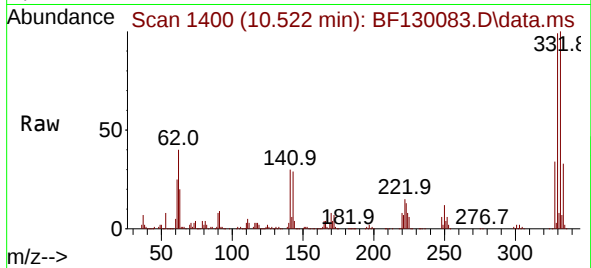




#67
4-Bromophenyl-phenylether
Concen: 4.649 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

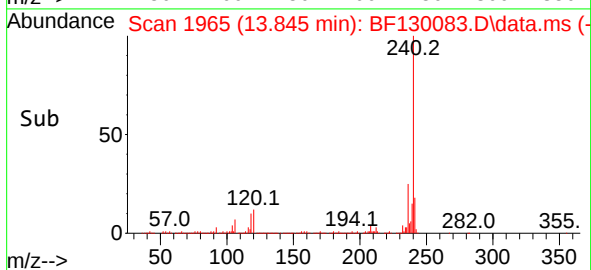
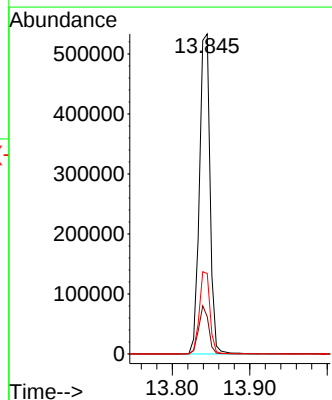
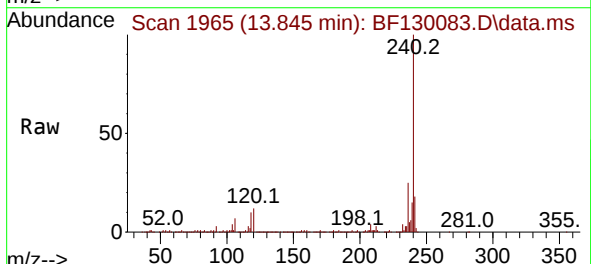
Instrument :
BNA_F
ClientSampleId :
252672-2

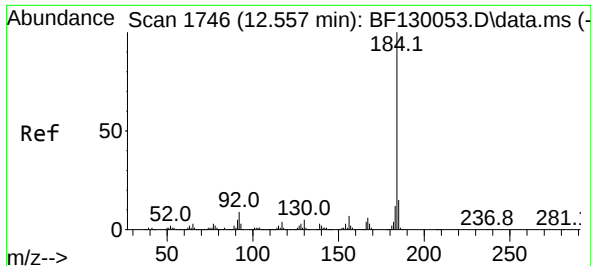
Tgt Ion:248 Resp: 39765
Ion Ratio Lower Upper
248 100
250 206.3 77.8 116.6#
141 528.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion:240 Resp: 505934
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.2 20.7 31.1

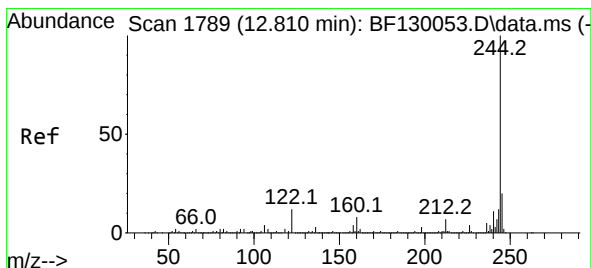
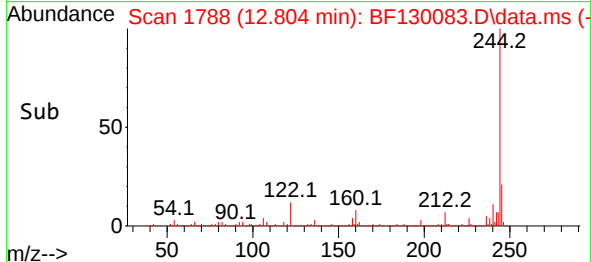
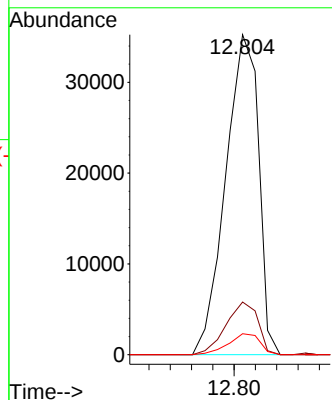
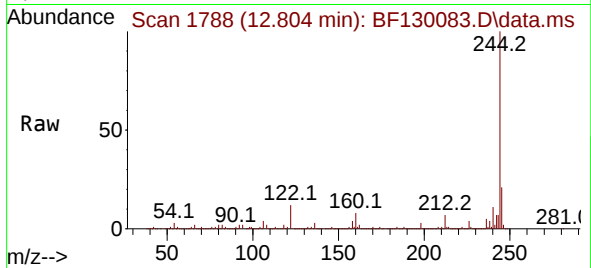




#77
Benzidine
Concen: 2.776 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

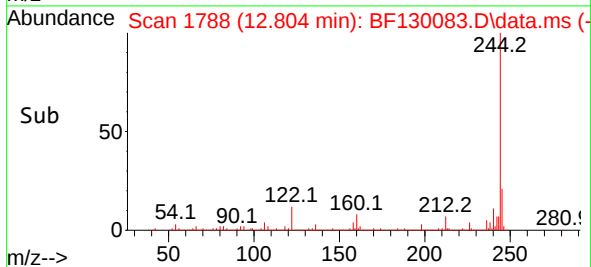
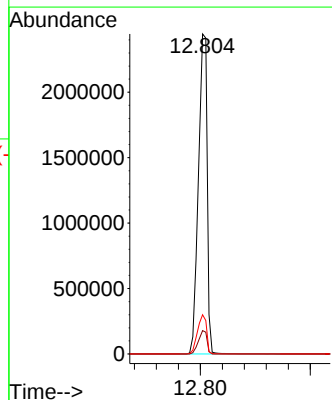
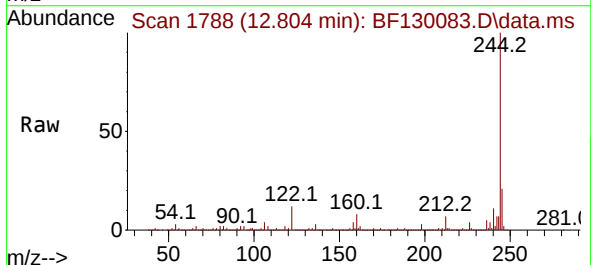
Instrument :
BNA_F
ClientSampleId :
252672-2

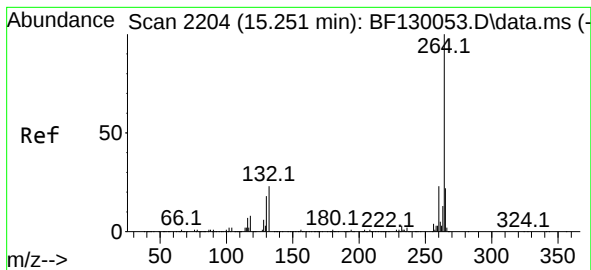
Tgt Ion:184 Resp: 37920
Ion Ratio Lower Upper
184 100
185 16.4 11.4 17.2
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 93.089 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130083.D
Acq: 01 Sep 2022 18:09

Tgt Ion:244 Resp: 2715889
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.2 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: BF130083.D

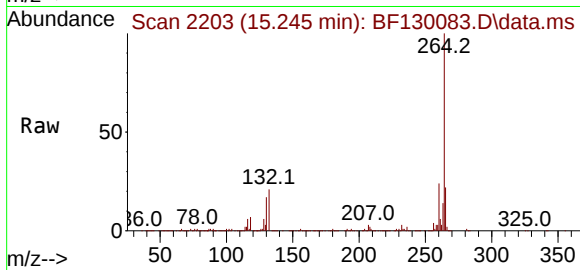
Acq: 01 Sep 2022 18:09

Instrument :

BNA_F

ClientSampleId :

252672-2



Tgt Ion:264 Resp: 430236

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.6 16.7 25.1

