

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130099.D
 Acq On : 02 Sep 2022 02:42
 Operator : CG\JU
 Sample : N4379-12RX
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-9.5-11

Quant Time: Sep 02 04:09:37 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)

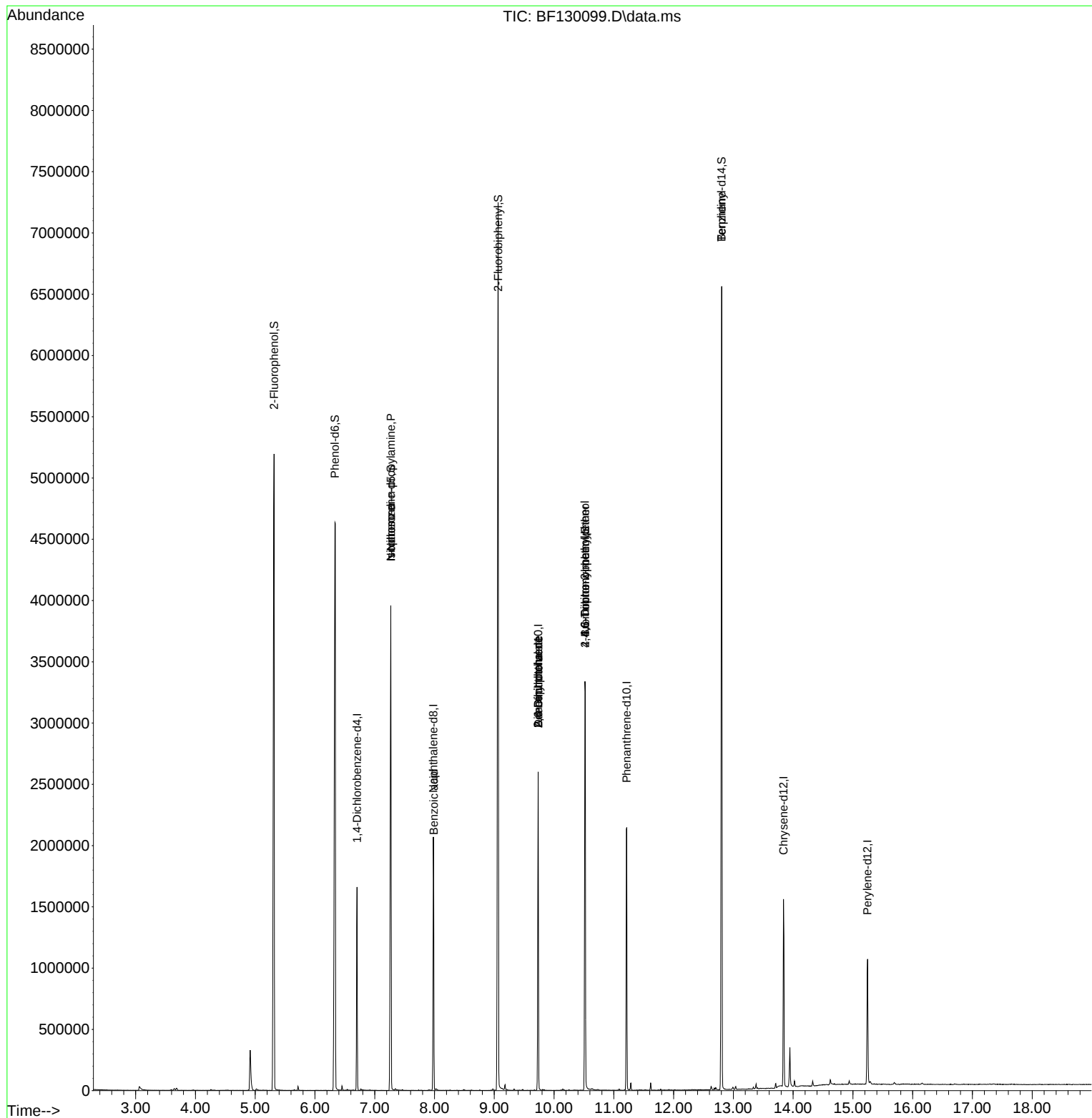
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	241385	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	954002	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	507957	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	806556	20.000	ng	0.00
76) Chrysene-d12	13.839	240	498099	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	416786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1889724	132.904	ng	0.00
7) Phenol-d6	6.334	99	2382385	134.395	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1424598	95.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	428451	92.662	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2534924	82.739	ng	0.00
79) Terphenyl-d14	12.804	244	2318363	80.713	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	184752	17.300	ng	# 73
25) Isophorone	7.269	82	1420466	47.277	ng	# 65
32) Benzoic acid	7.987	122	168	6.586	ng	# 1
50) Dimethylphthalate	9.734	163	93762	2.710	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	65471	9.706	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	65471	8.430	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	958	6.301	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	25792	2.875	ng	# 1
77) Benzidine	12.804	184	32056	2.384	ng	# 94

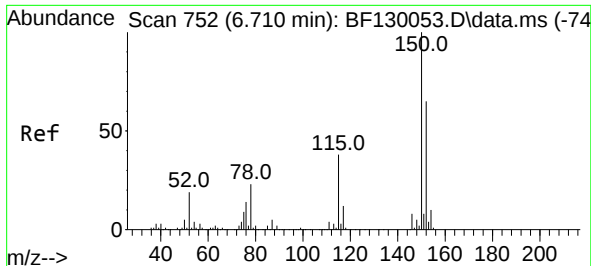
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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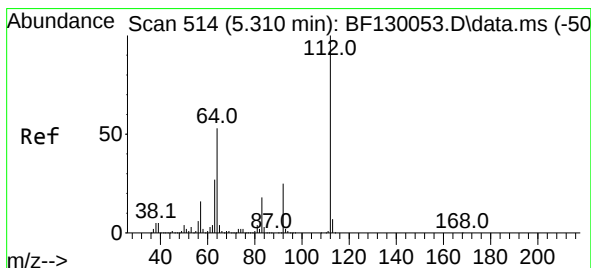
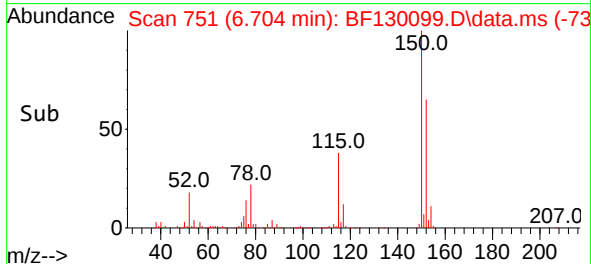
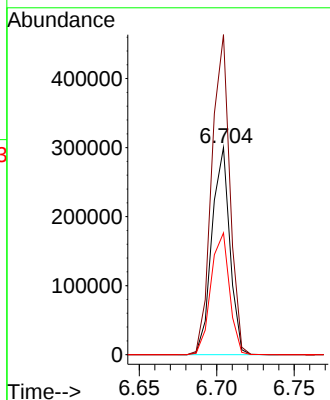
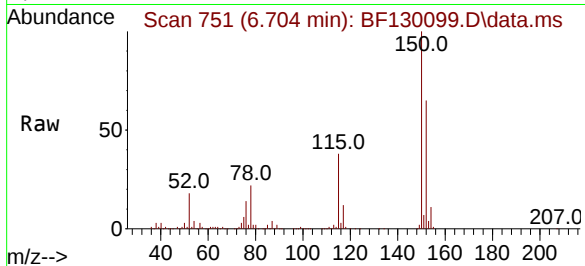




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130099.D
 Acq: 02 Sep 2022 02:42

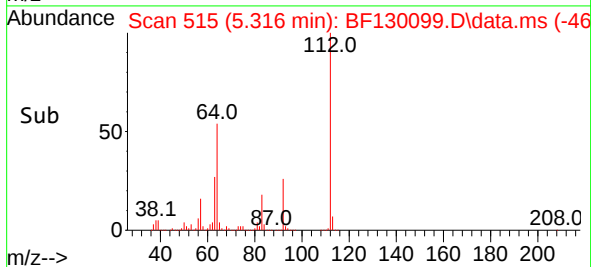
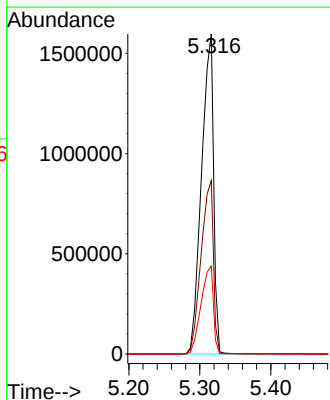
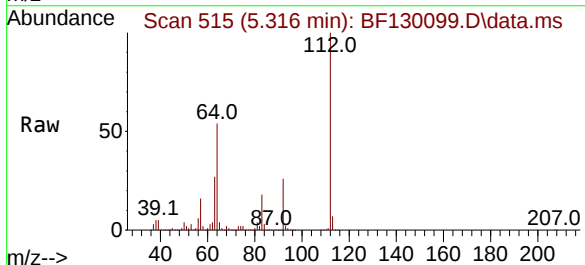
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-9.5-11

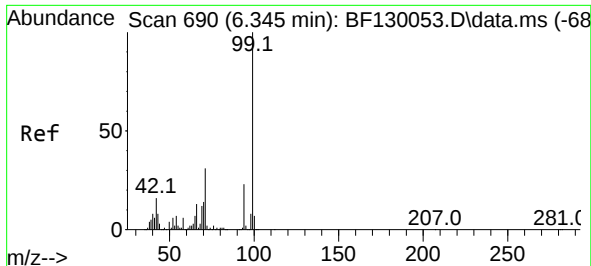
Tgt Ion:152 Resp: 241385
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 58.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 132.904 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF130099.D
 Acq: 02 Sep 2022 02:42

Tgt Ion:112 Resp: 1889724
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.6 71.4
 63 27.5 24.6 37.0

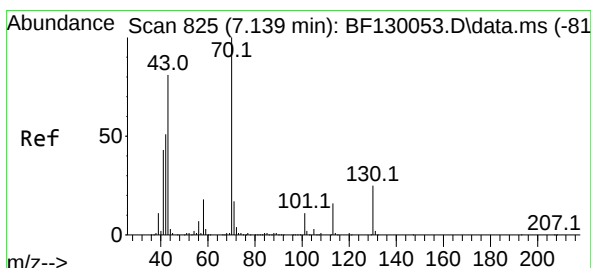
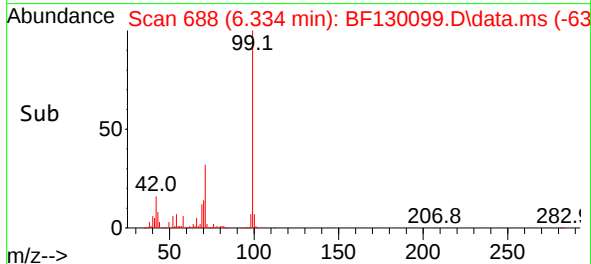
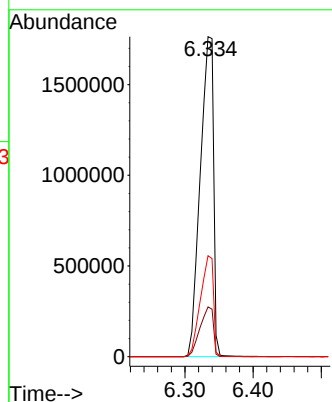
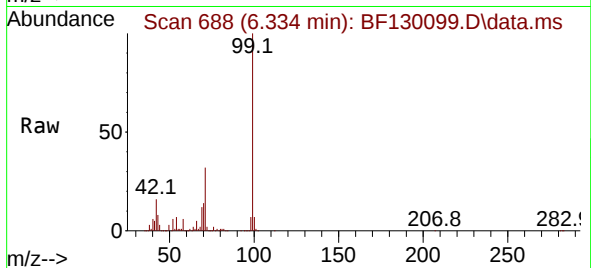




#7
Phenol-d6
Concen: 134.395 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

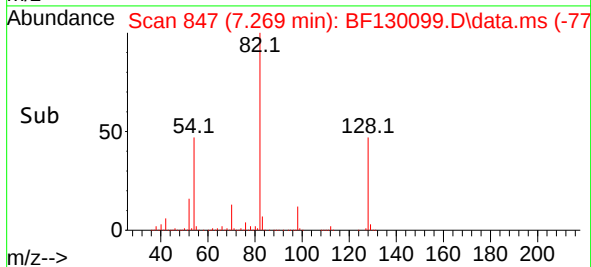
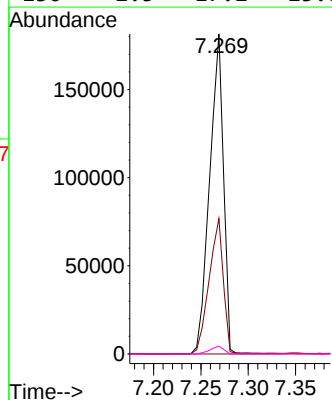
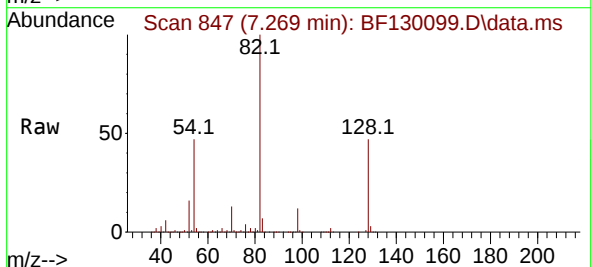
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

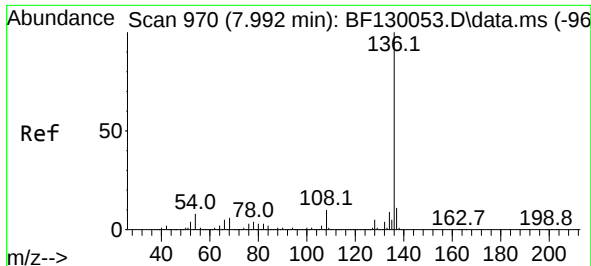
Tgt Ion: 99 Resp: 2382385
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 31.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.300 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

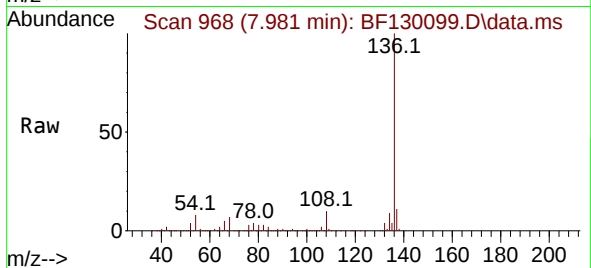
Tgt Ion: 70 Resp: 184752
Ion Ratio Lower Upper
70 100
42 42.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#



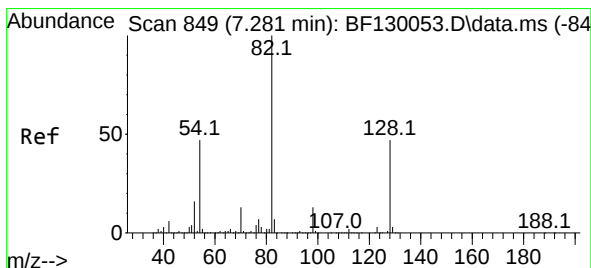
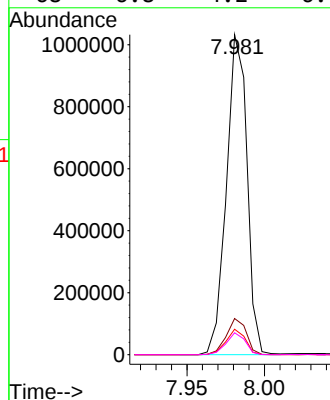
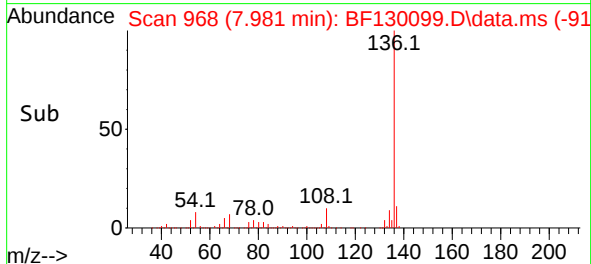


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

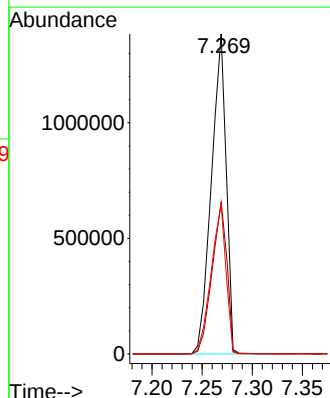
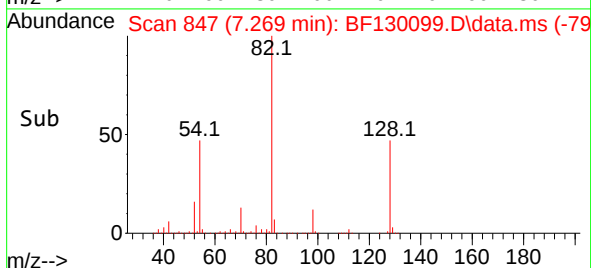
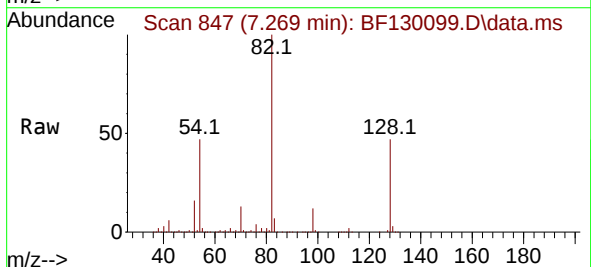


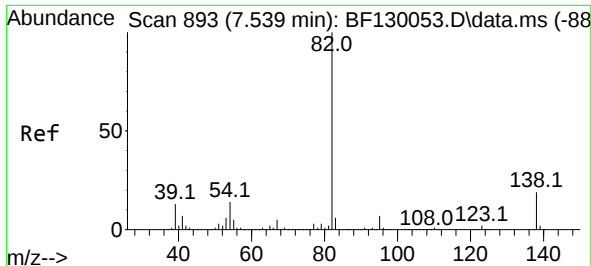
Tgt Ion:136 Resp: 954002
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 6.2 9.2
68 6.8 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 95.968 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion: 82 Resp: 1424598
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 46.9 40.0 60.0

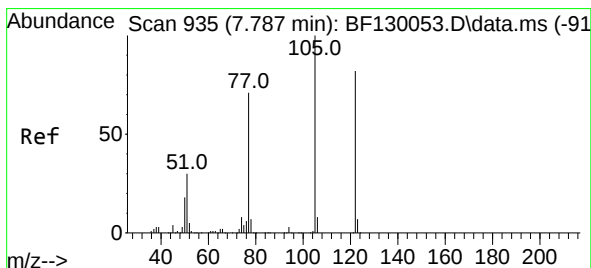
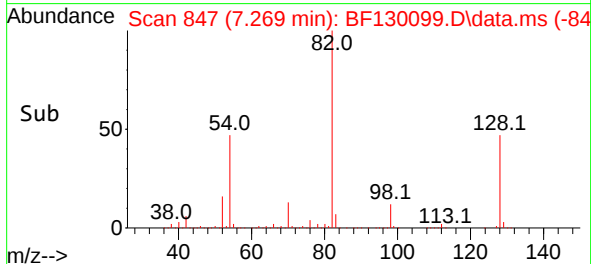
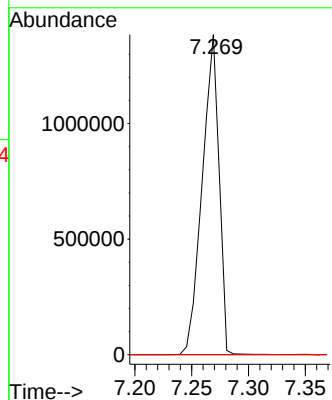
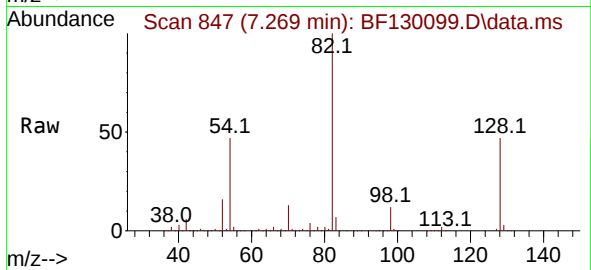




#25
Isophorone
Concen: 47.277 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

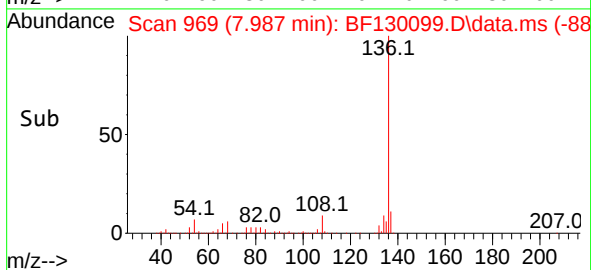
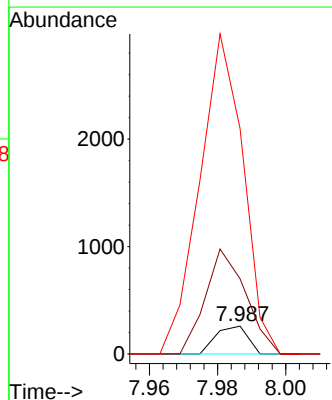
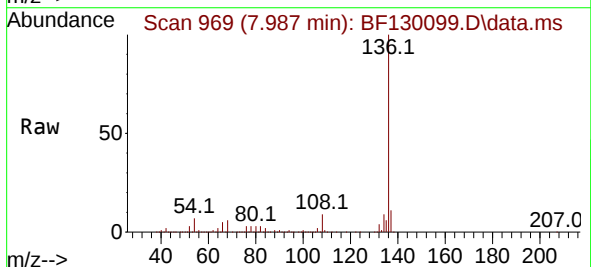
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

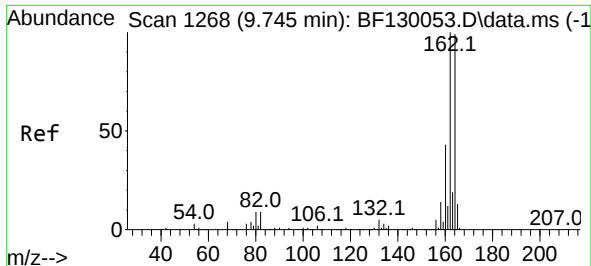
Tgt Ion: 82 Resp: 1420466
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.586 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.200 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:122 Resp: 168
Ion Ratio Lower Upper
122 100
105 270.7 99.9 139.9#
77 810.8 65.9 105.9#

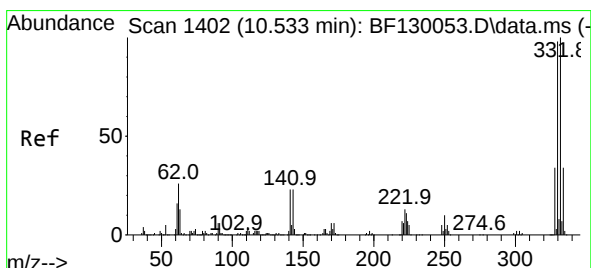
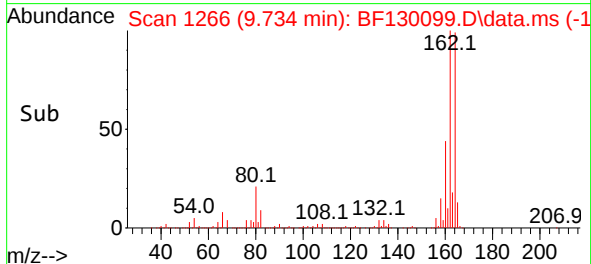
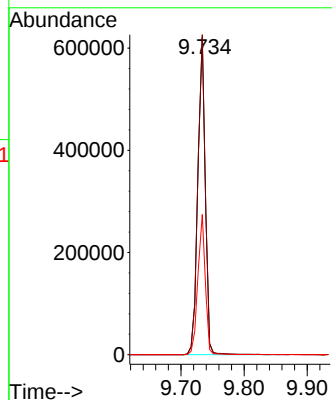
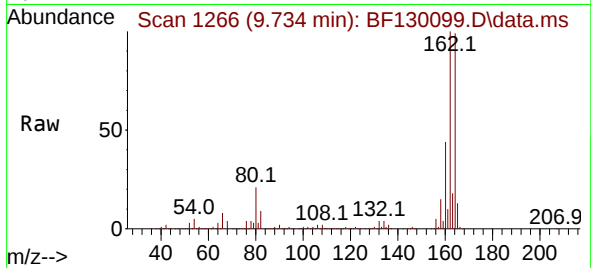




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

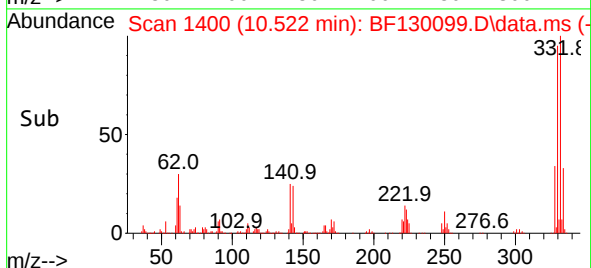
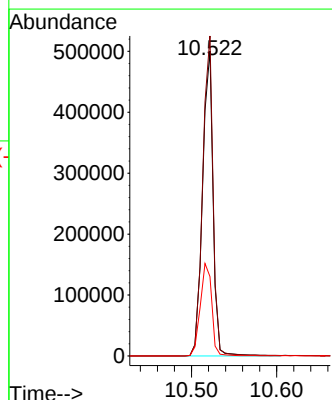
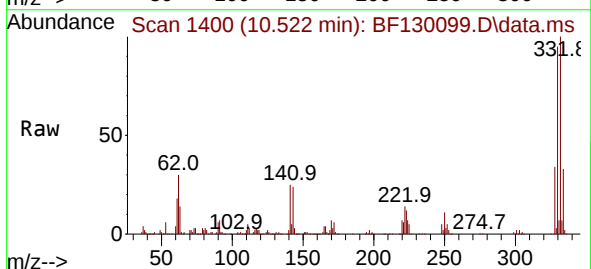
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

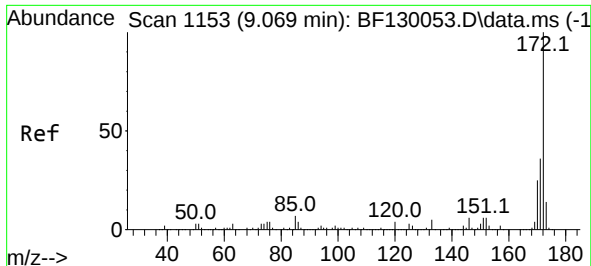
Tgt Ion:164 Resp: 507957
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 92.662 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:330 Resp: 428451
Ion Ratio Lower Upper
330 100
332 104.2 82.6 124.0
141 33.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 82.739 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130099.D

Acq: 02 Sep 2022 02:42

Instrument :

BNA_F

ClientSampleId :

SB-06-9.5-11

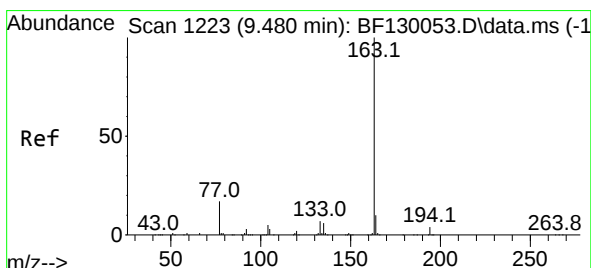
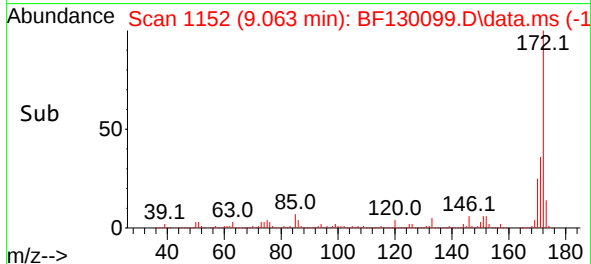
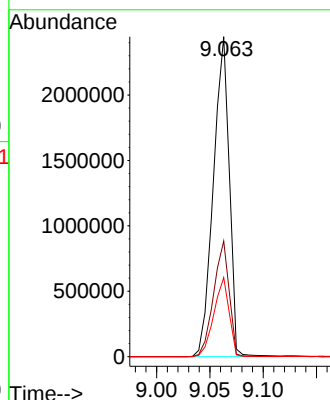
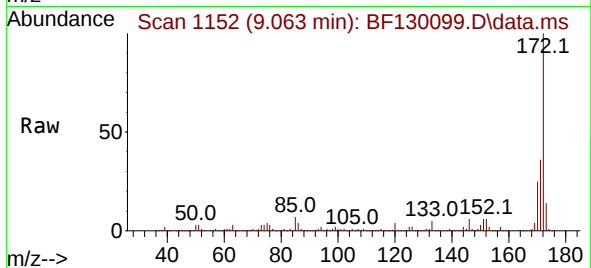
Tgt Ion:172 Resp: 2534924

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.7 19.1 28.7



#50

Dimethylphthalate

Concen: 2.710 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130099.D

Acq: 02 Sep 2022 02:42

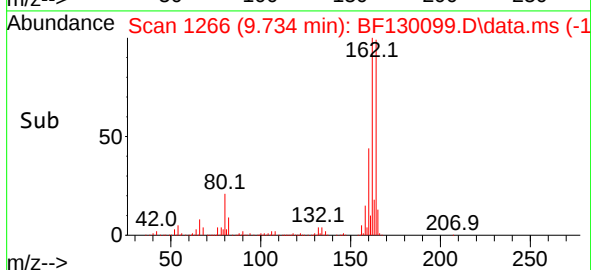
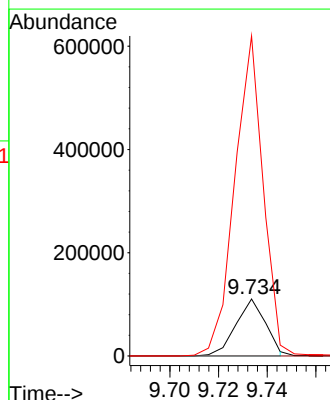
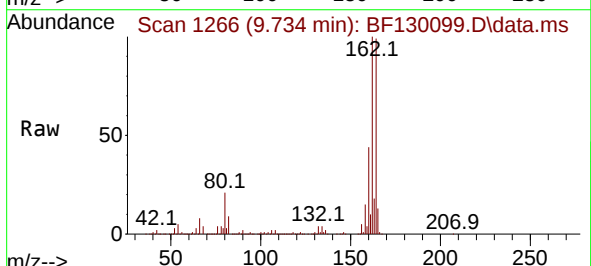
Tgt Ion:163 Resp: 93762

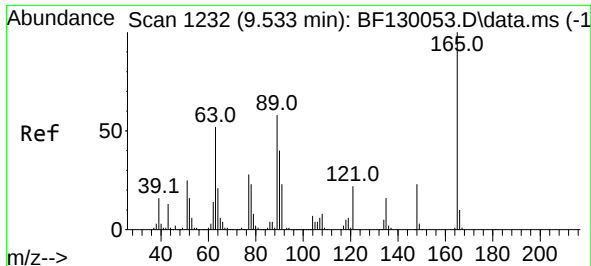
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 562.4 8.2 12.2#

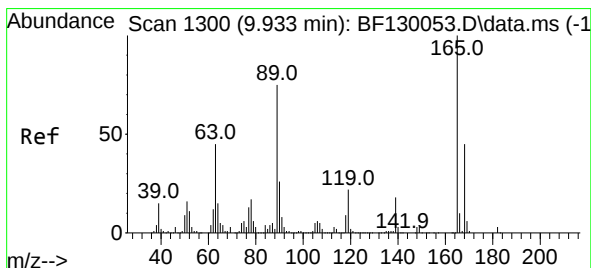
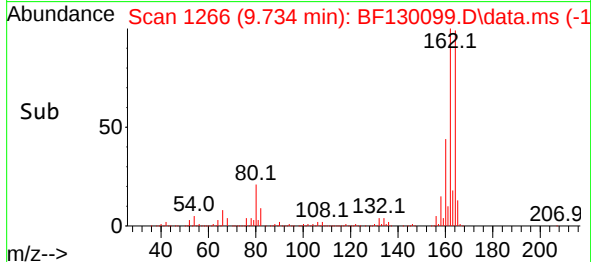
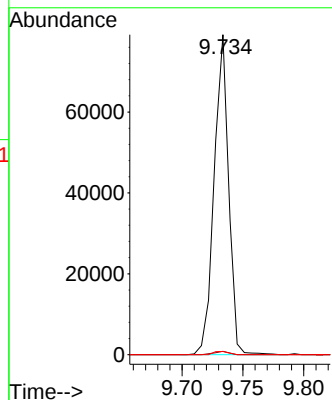
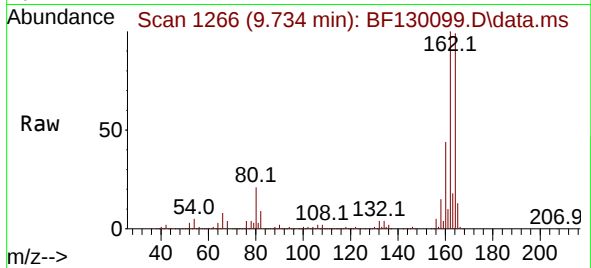




#51
2,6-Dinitrotoluene
Concen: 9.706 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

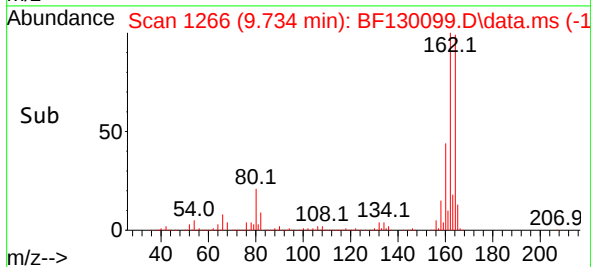
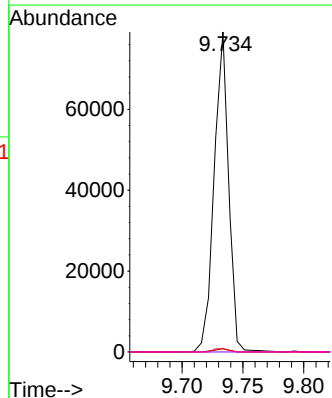
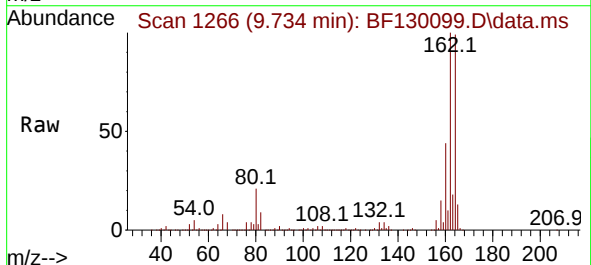
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

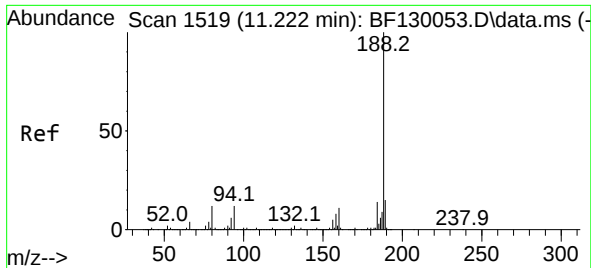
Tgt Ion:165 Resp: 65471
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.430 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:165 Resp: 65471
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

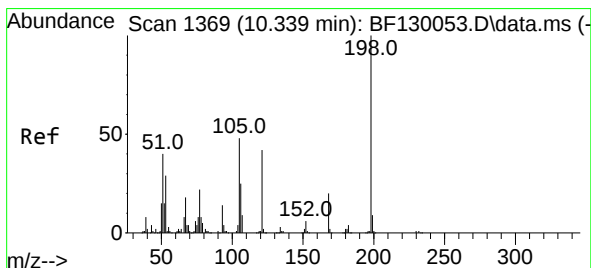
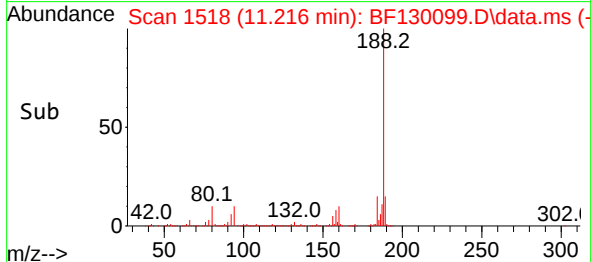
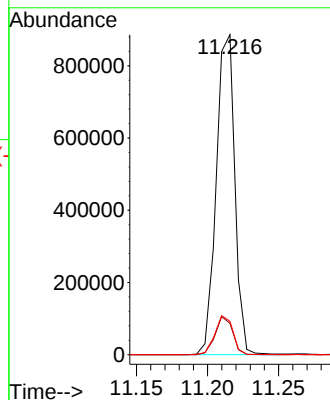
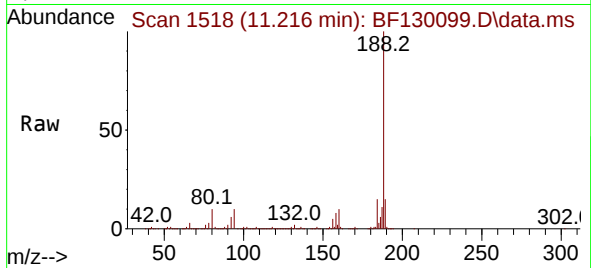




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

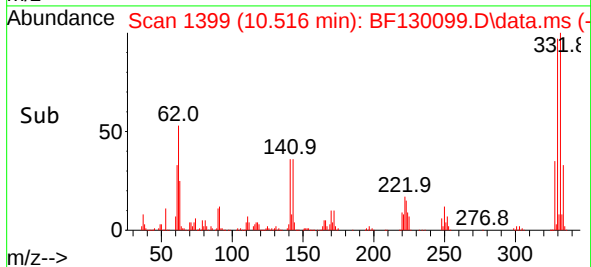
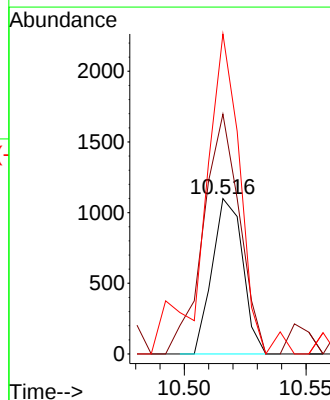
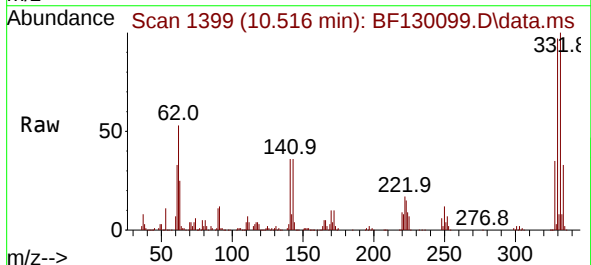
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

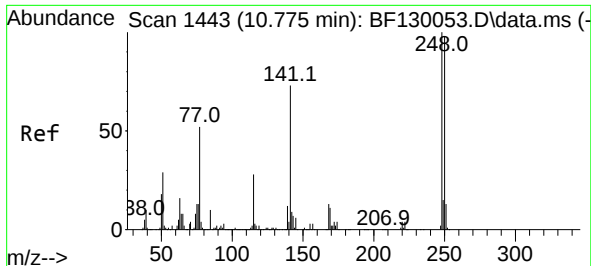
Tgt Ion:188 Resp: 806556
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.4 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.301 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.177 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:198 Resp: 958
Ion Ratio Lower Upper
198 100
51 154.4 29.4 69.4#
105 206.0 29.2 69.2#

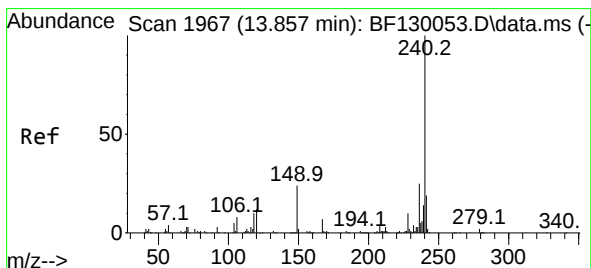
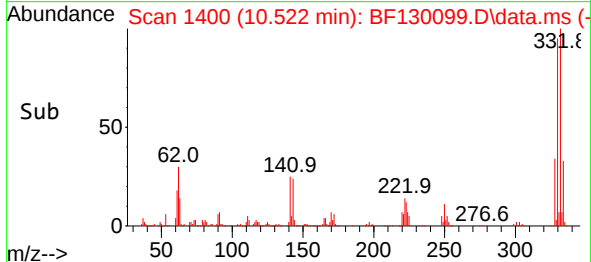
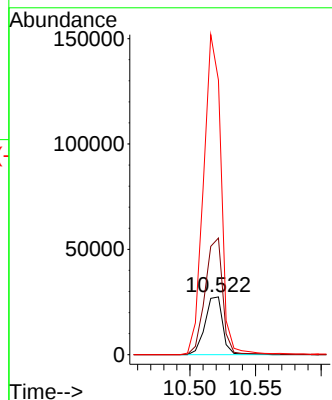
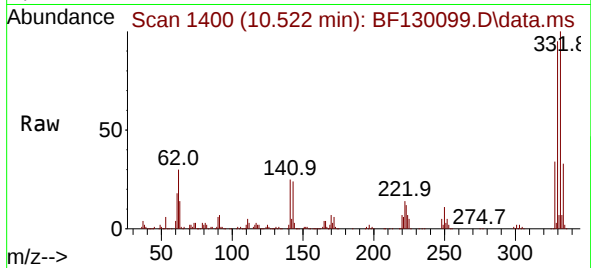




#67
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

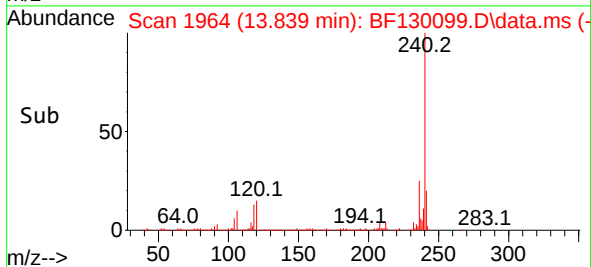
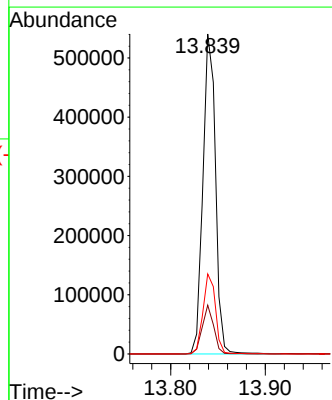
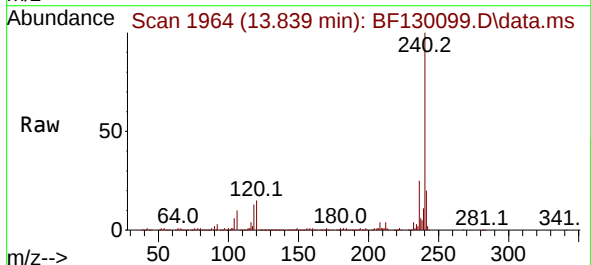
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

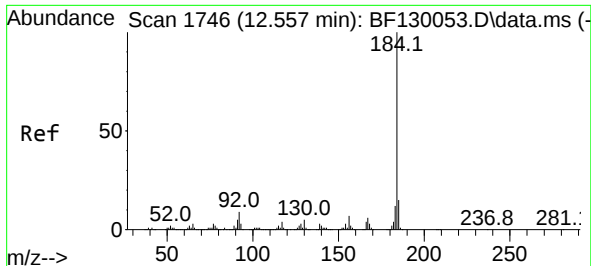
Tgt Ion:248 Resp: 25792
Ion Ratio Lower Upper
248 100
250 202.3 77.8 116.6#
141 475.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:240 Resp: 498099
Ion Ratio Lower Upper
240 100
120 15.2 9.2 13.8#
236 25.0 20.7 31.1

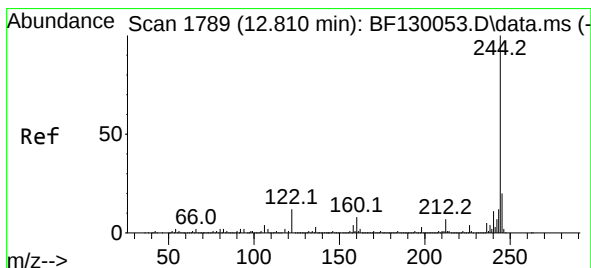
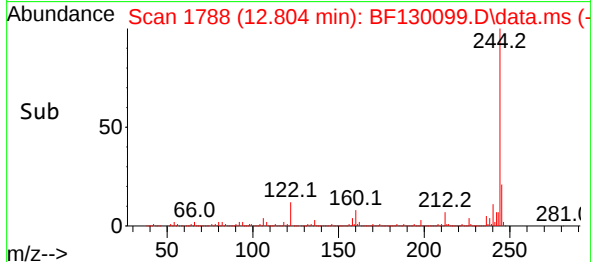
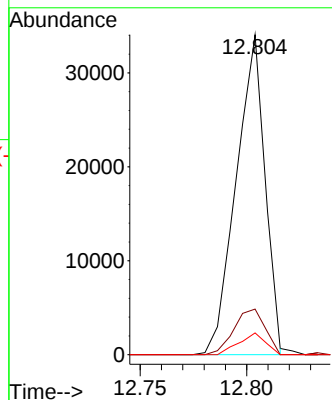
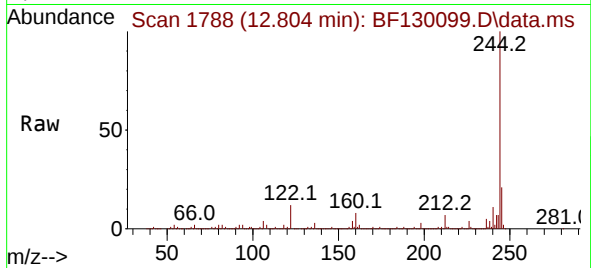




#77
Benzidine
Concen: 2.384 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

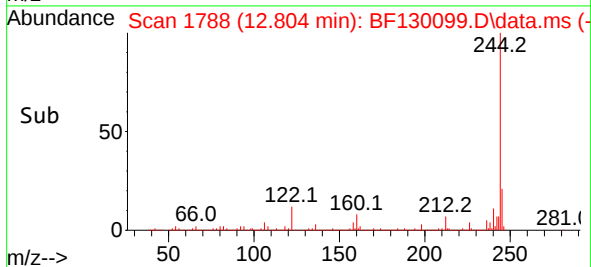
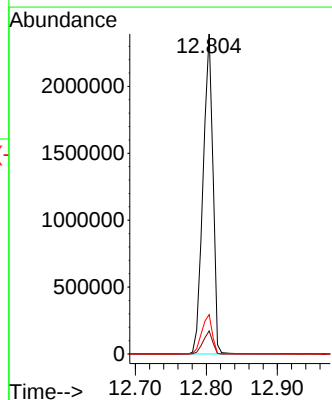
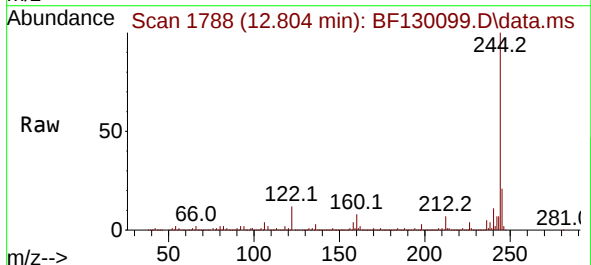
Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-11

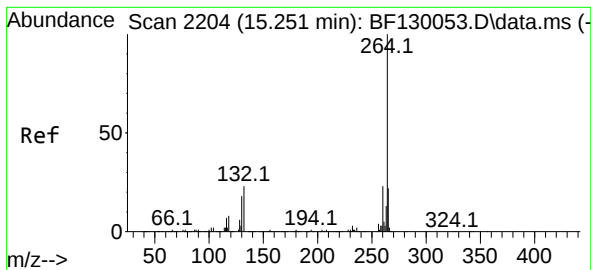
Tgt Ion:184 Resp: 32056
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.713 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130099.D
Acq: 02 Sep 2022 02:42

Tgt Ion:244 Resp: 2318363
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.3 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: BF130099.D

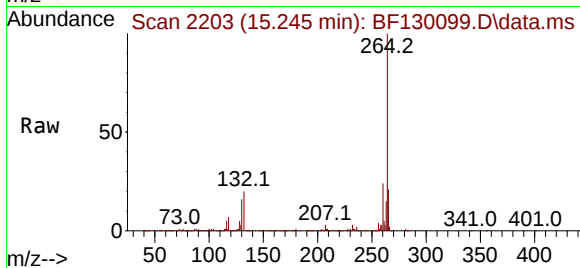
Acq: 02 Sep 2022 02:42

Instrument :

BNA_F

ClientSampleId :

SB-06-9.5-11



Tgt Ion:264 Resp: 416786

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.1 16.7 25.1

