

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129991.D
 Acq On : 25 Aug 2022 02:13
 Operator : CG\JU
 Sample : N4277-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 25 04:19:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

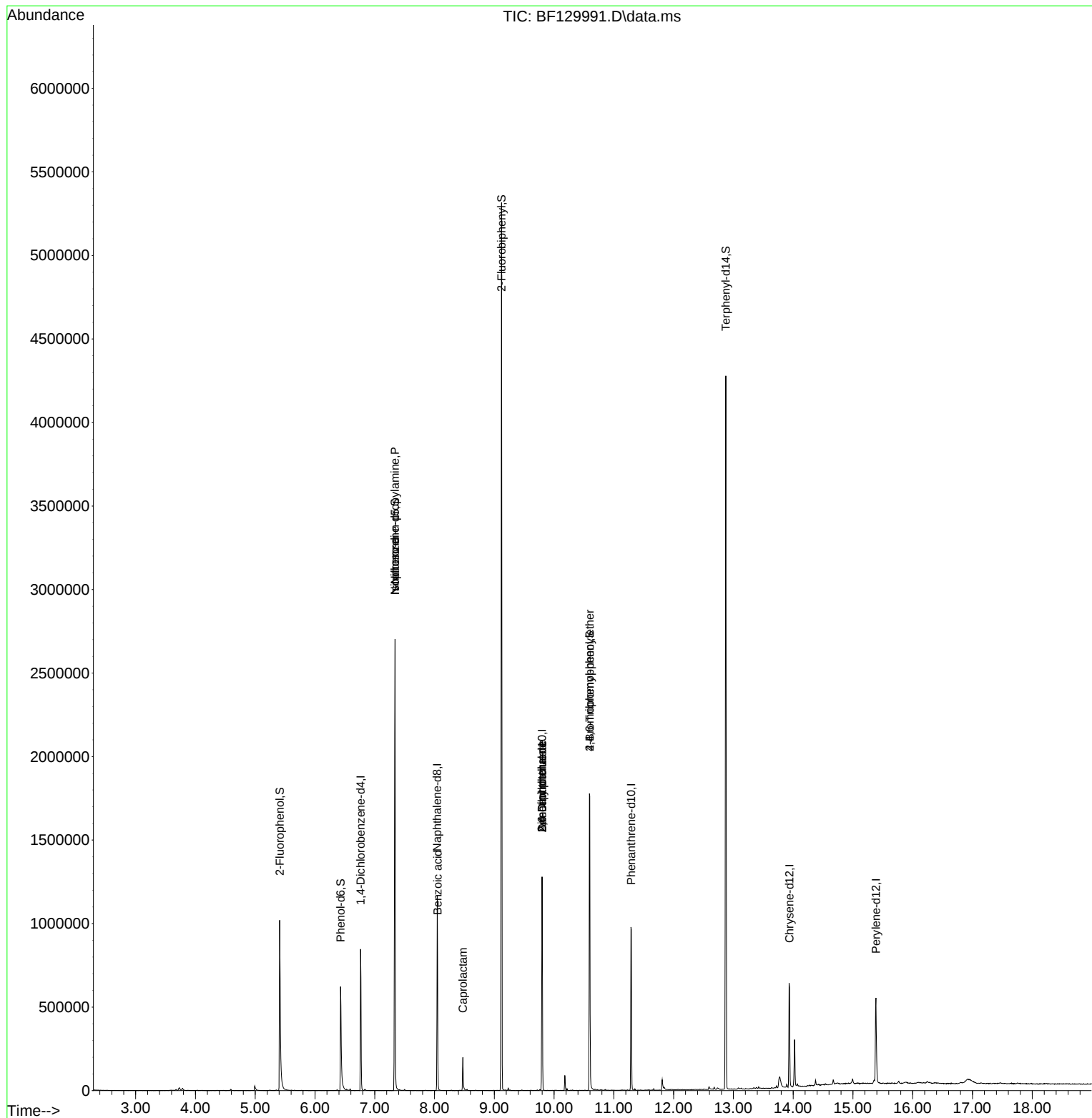
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	116360	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	456664	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	230730	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	355754	20.000	ng	0.00
76) Chrysene-d12	13.939	240	213629	20.000	ng	0.00
86) Perylene-d12	15.386	264	221670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	317802	45.220	ng	0.00
7) Phenol-d6	6.428	99	238516	27.102	ng	0.00
23) Nitrobenzene-d5	7.339	82	842448	98.755	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	208502	90.038	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1468126	96.641	ng	0.00
79) Terphenyl-d14	12.874	244	1290872	100.545	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	412	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.339	70	113940	20.482	ng	# 77
25) Isophorone	7.339	82	842442	57.377	ng	# 65
32) Benzoic acid	8.051	122	113	2.203	ng	# 1
35) Caprolactam	8.475	113	17806	8.630	ng	# 94
50) Dimethylphthalate	9.798	163	40818	2.468	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29734	8.287	ng	# 22
57) 2,4-Dinitrotoluene	9.798	165	29734	6.384	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	13324	3.198	ng	# 1
77) Benzidine	12.874	184	18869	Below Cal	#	94

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

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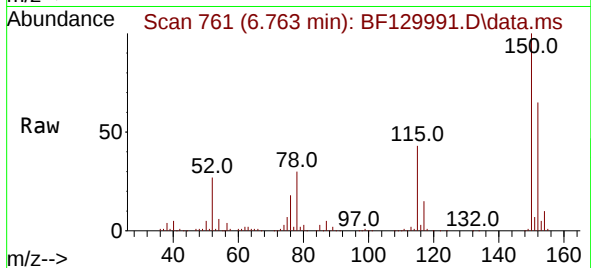
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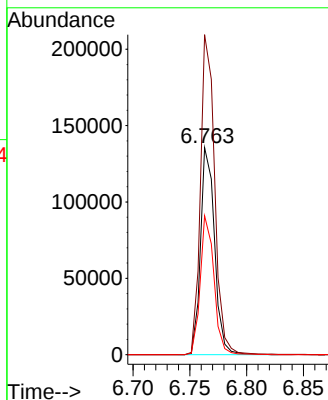
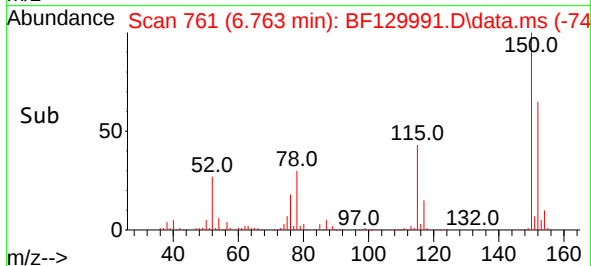


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Instrument :
BNA_F
ClientSampleId :

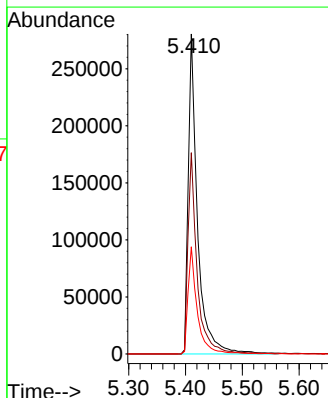
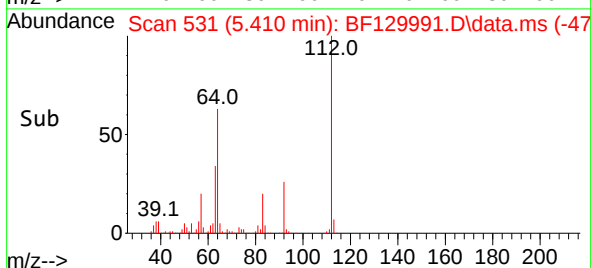
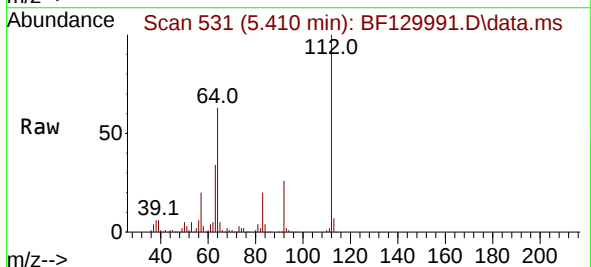


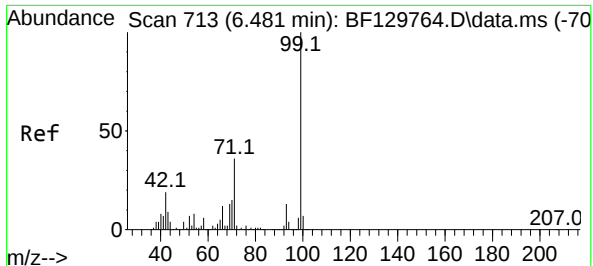
Tgt Ion:152 Resp: 116360
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 67.1 53.4 80.0



#5
2-Fluorophenol
Concen: 45.220 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

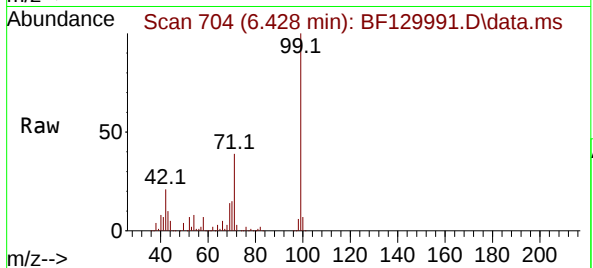
Tgt Ion:112 Resp: 317802
Ion Ratio Lower Upper
112 100
64 62.9 47.6 71.4
63 33.5 24.6 37.0



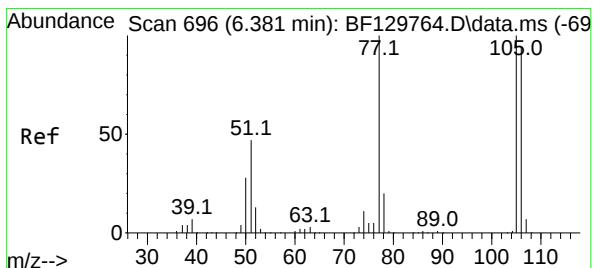
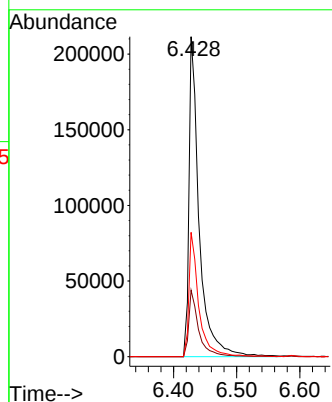
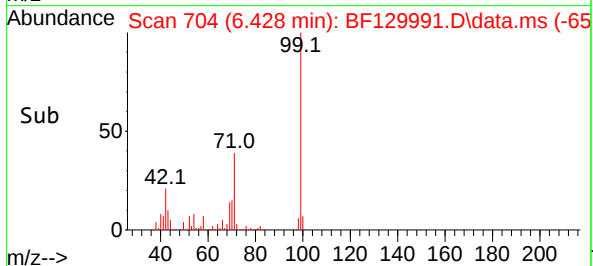


#7
Phenol-d6
Concen: 27.102 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Instrument :
BNA_F
ClientSampleId :

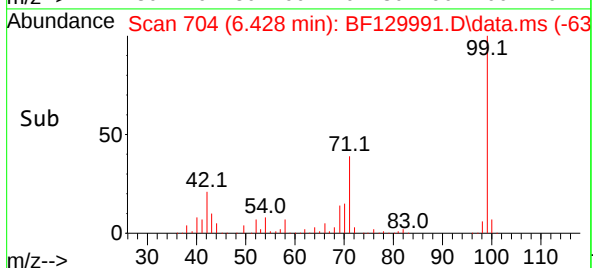
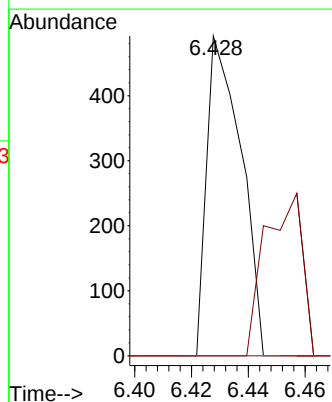
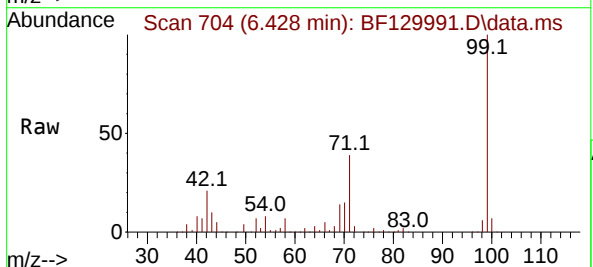


Tgt Ion: 99 Resp: 238516
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 38.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion: 77 Resp: 412
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.482 ng

RT: 7.339 min Scan# 81

Delta R.T. 0.153 min

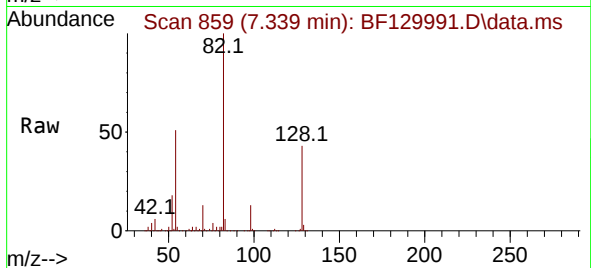
Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 113940

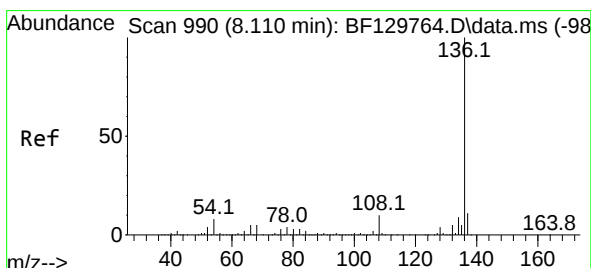
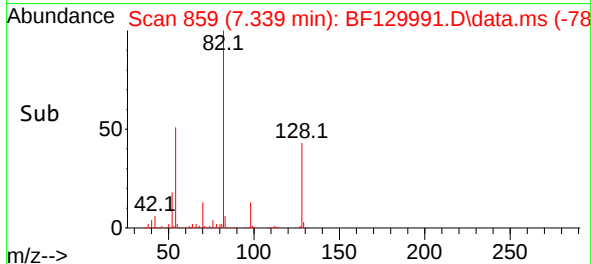
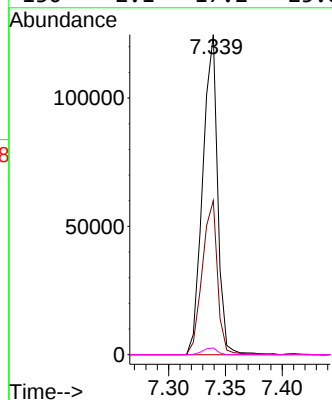
Ion Ratio Lower Upper

70 100

42 48.1 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: 8.045 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Tgt Ion: 136 Resp: 456664

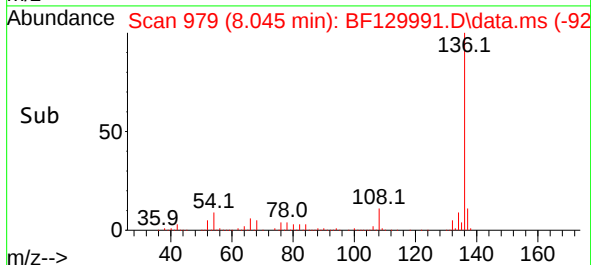
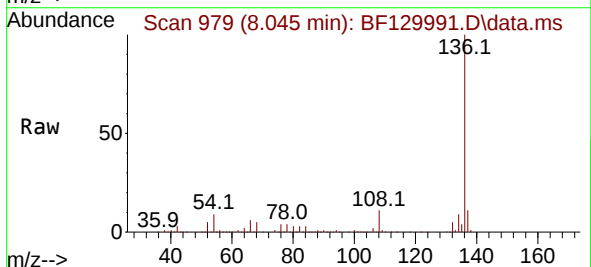
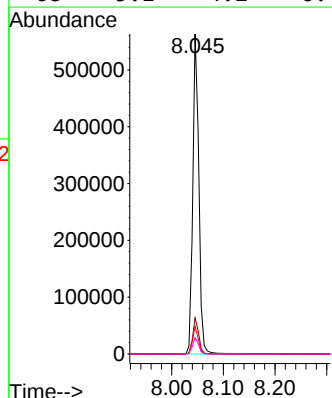
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 6.2 9.2

68 5.1 4.2 6.4

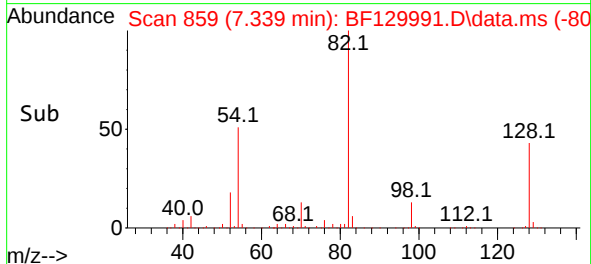
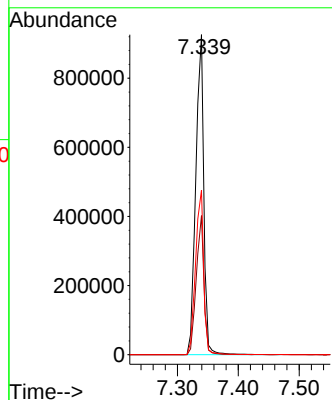
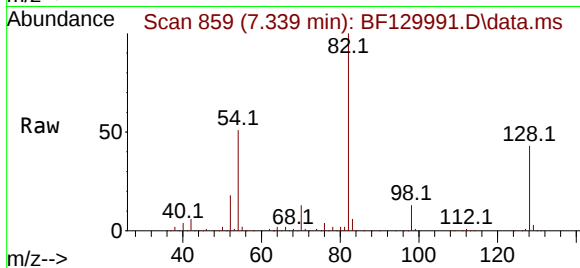




#23
Nitrobenzene-d5
Concen: 98.755 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

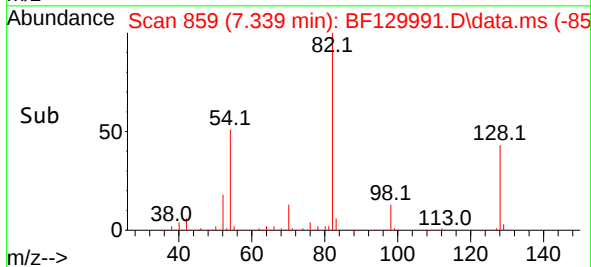
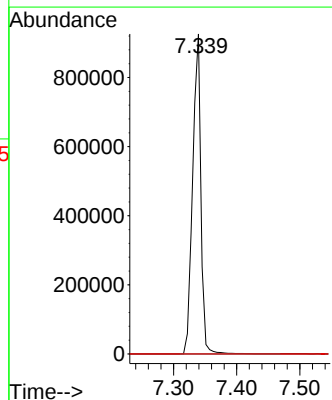
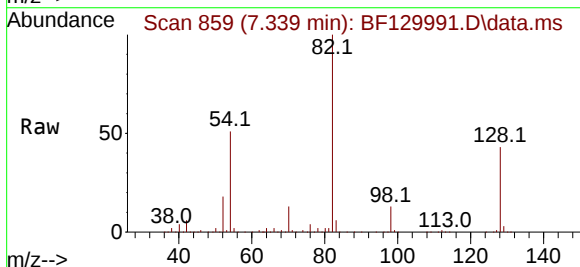
Instrument :
BNA_F
ClientSampleId :

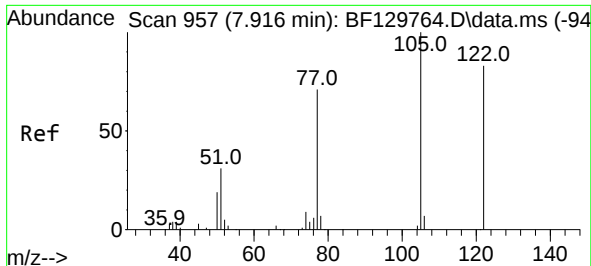
Tgt Ion: 82 Resp: 842448
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 51.4 40.0 60.0



#25
Isophorone
Concen: 57.377 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

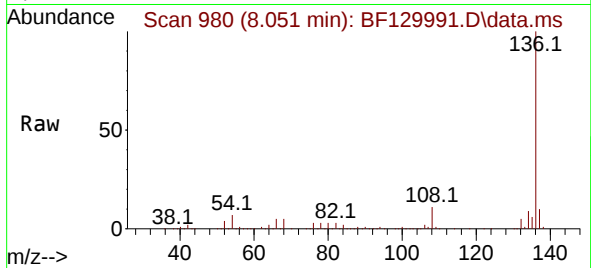
Tgt Ion: 82 Resp: 842442
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



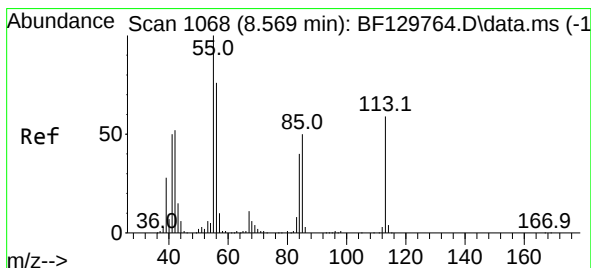
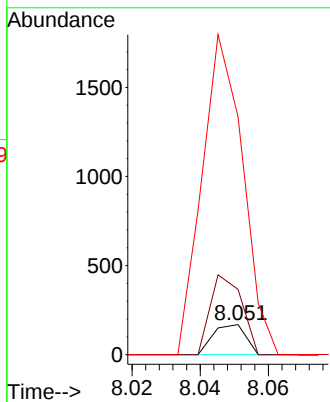
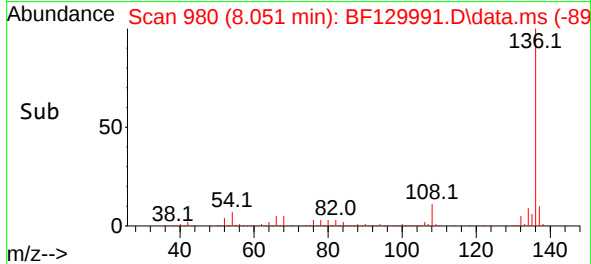


#32
Benzoic acid
Concen: 2.203 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.176 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Instrument :
BNA_F
ClientSampleId :

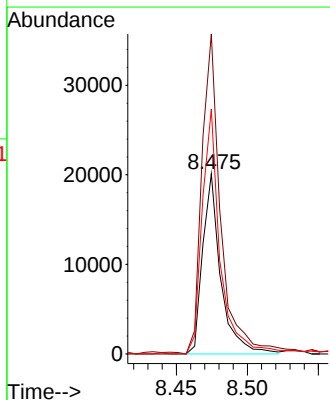
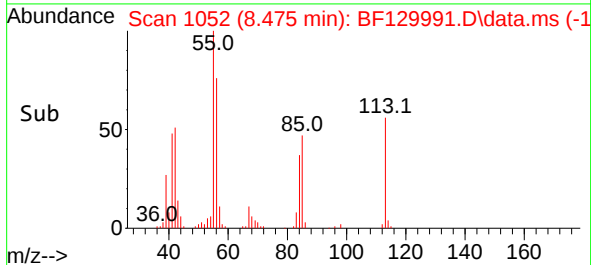
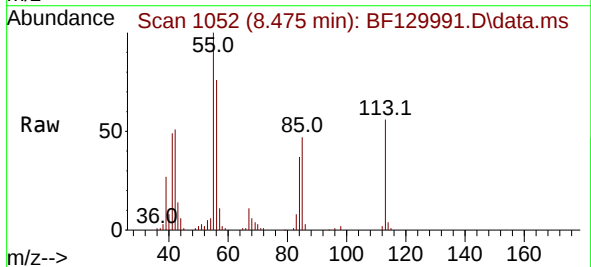


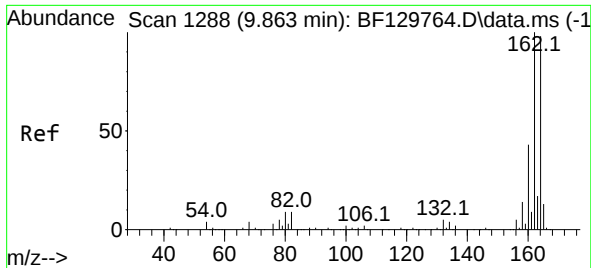
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 216.6 99.9 139.9#
77 789.9 65.9 105.9#



#35
Caprolactam
Concen: 8.630 ng
RT: 8.475 min Scan# 1052
Delta R.T. -0.041 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

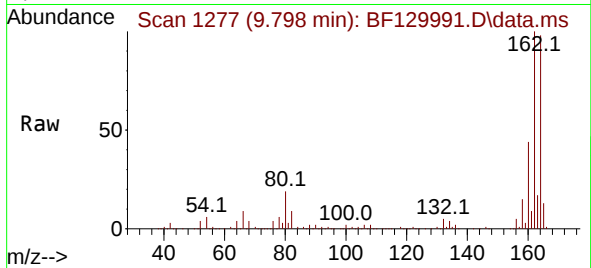
Tgt Ion:113 Resp: 17806
Ion Ratio Lower Upper
113 100
55 177.6 148.8 188.8
56 135.9 109.1 149.1



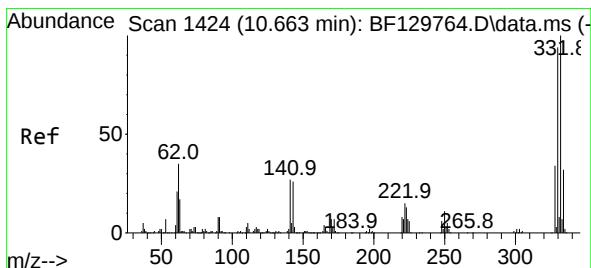
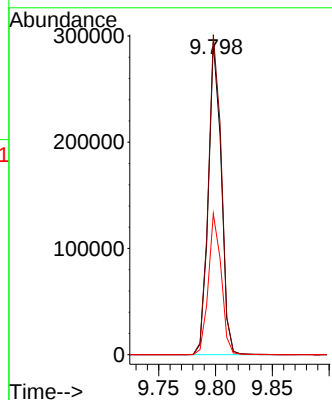
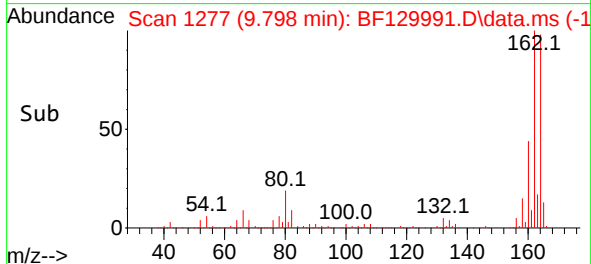


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.798 min Scan# 1412
 Delta R.T. -0.006 min
 Lab File: BF129991.D
 Acq: 25 Aug 2022 02:13

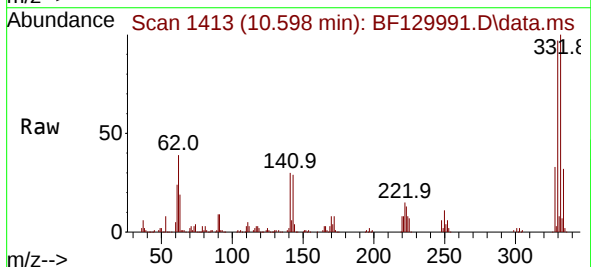
Instrument :
 BNA_F
 ClientSampleId :



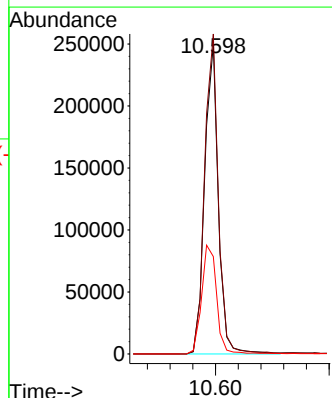
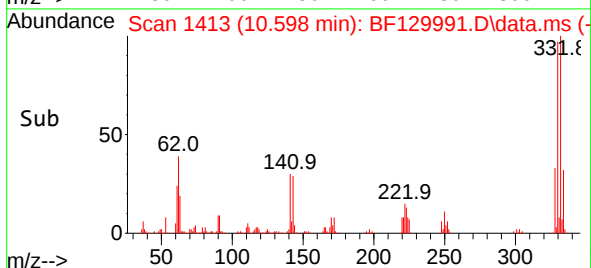
Tgt Ion:164 Resp: 230730
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.0 123.0
 160 45.1 35.4 53.0

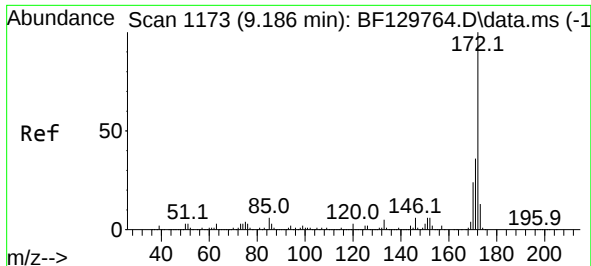


#42
 2,4,6-Tribromophenol
 Concen: 90.038 ng
 RT: 10.598 min Scan# 1413
 Delta R.T. -0.006 min
 Lab File: BF129991.D
 Acq: 25 Aug 2022 02:13



Tgt Ion:330 Resp: 208502
 Ion Ratio Lower Upper
 330 100
 332 103.7 82.6 124.0
 141 38.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 96.641 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

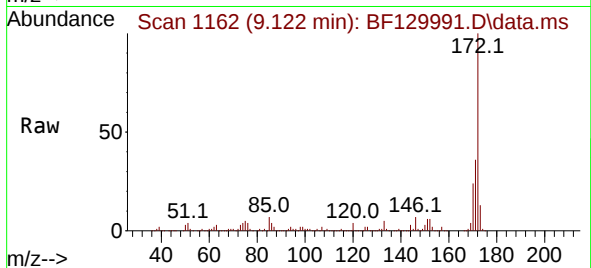
Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :



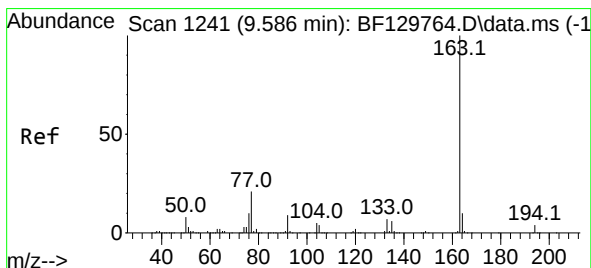
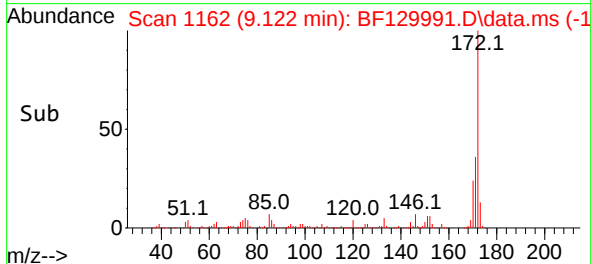
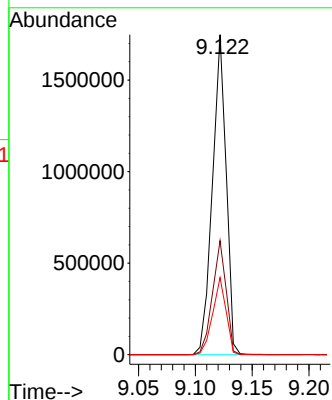
Tgt Ion:172 Resp: 1468126

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.468 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.265 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

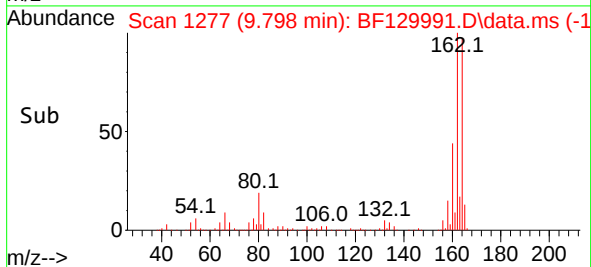
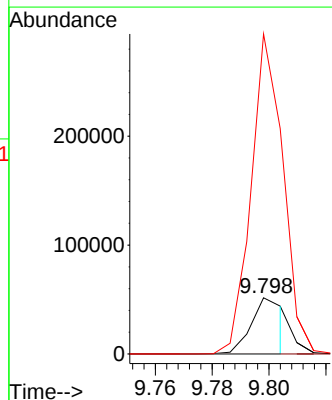
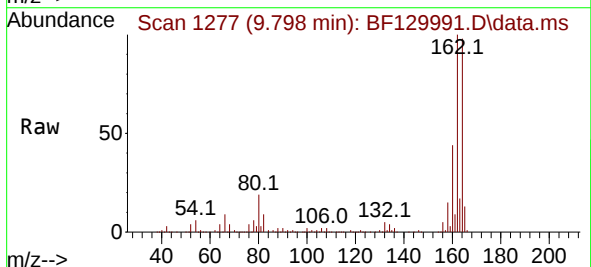
Tgt Ion:163 Resp: 40818

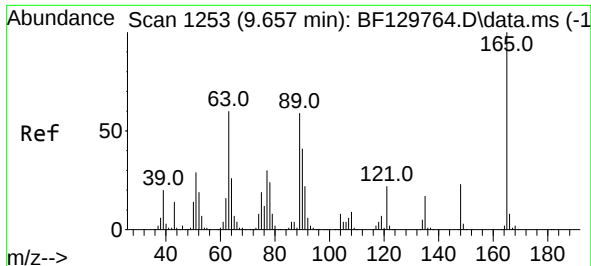
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 570.3 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 8.287 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.194 min

Lab File: BF129991.D

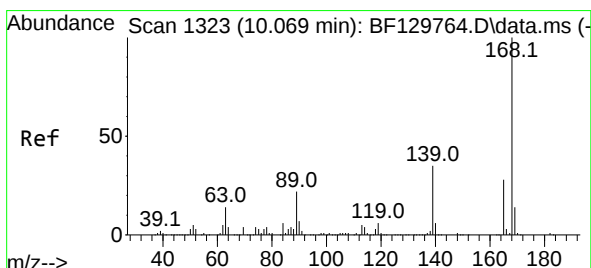
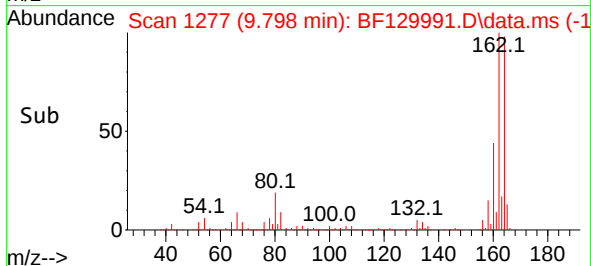
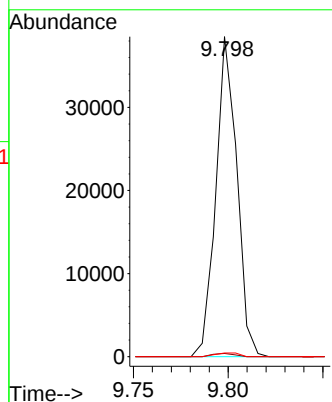
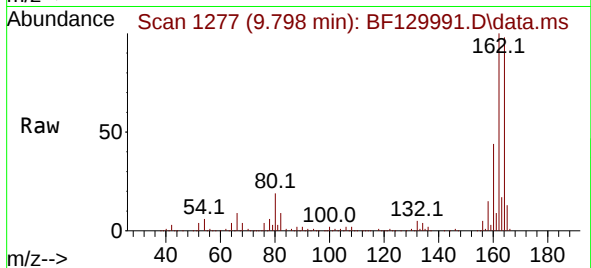
Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	29734
Ion Ratio	Lower	Upper
165	100	
63	1.0	47.8 71.8#
89	1.2	47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.384 ng

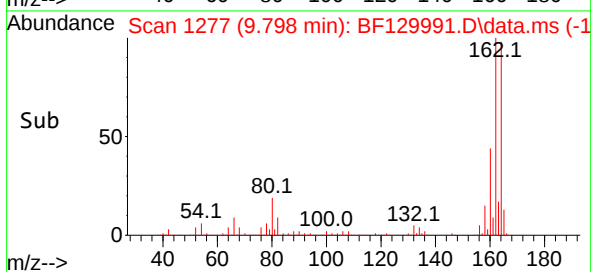
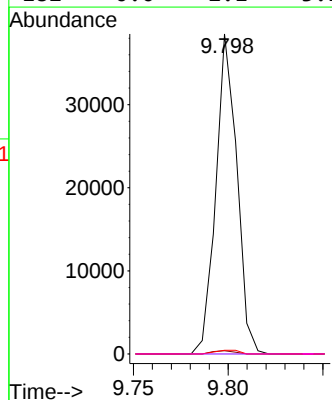
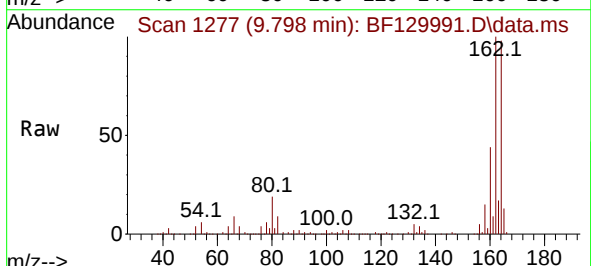
RT: 9.798 min Scan# 1277

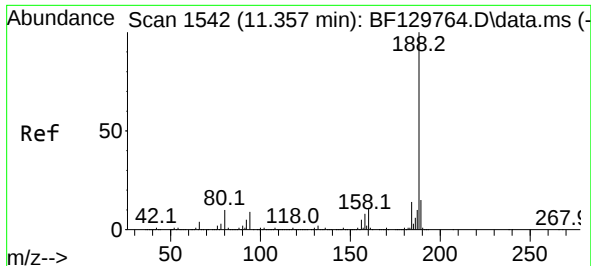
Delta R.T. -0.218 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Tgt Ion:165	Resp:	29734
Ion Ratio	Lower	Upper
165	100	
63	1.0	48.4 72.6#
89	1.2	62.3 93.5#
182	0.0	2.1 3.1#

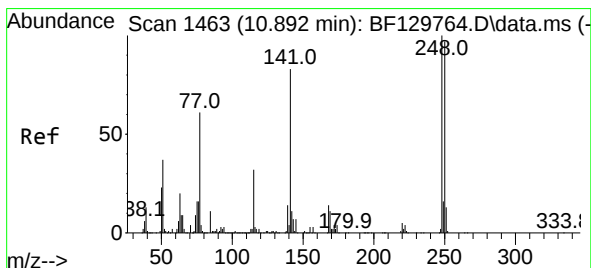
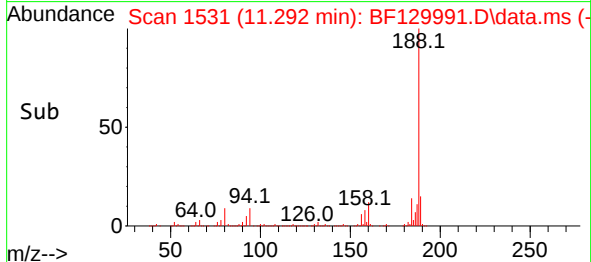
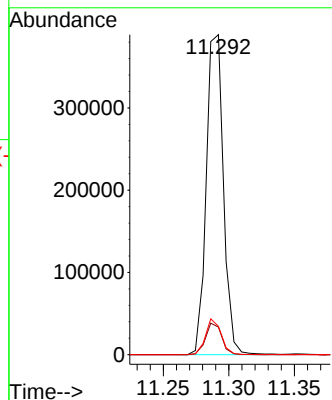
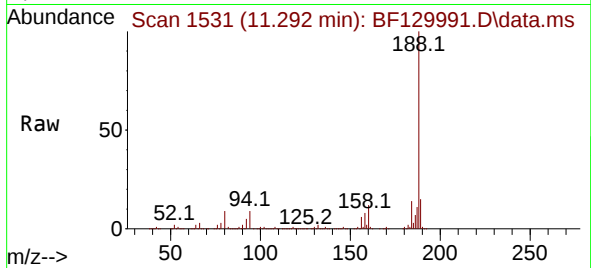




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

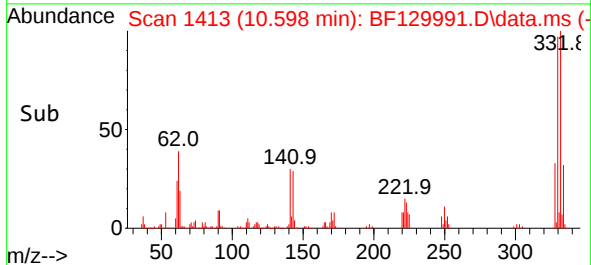
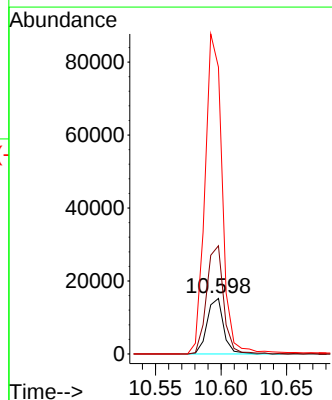
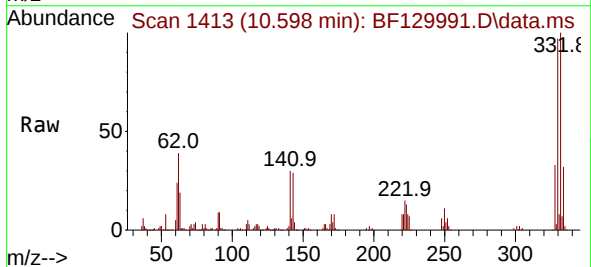
Instrument :
BNA_F
ClientSampleId :

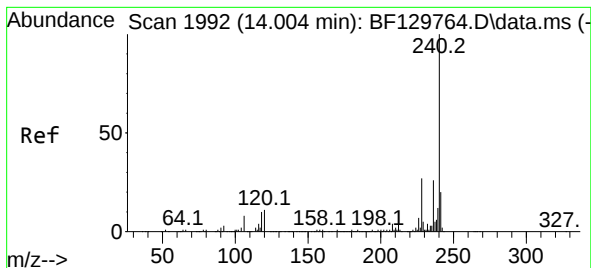
Tgt Ion:188 Resp: 355754
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.198 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.235 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion:248 Resp: 13324
Ion Ratio Lower Upper
248 100
250 194.9 77.8 116.6#
141 516.6 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :

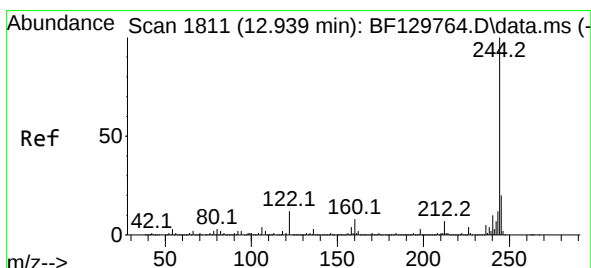
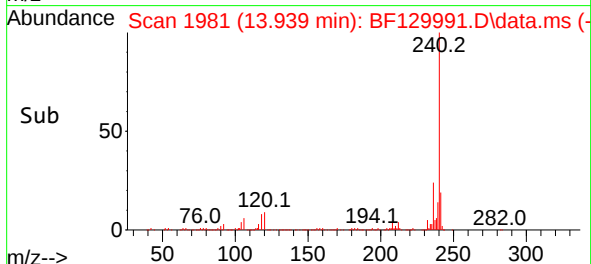
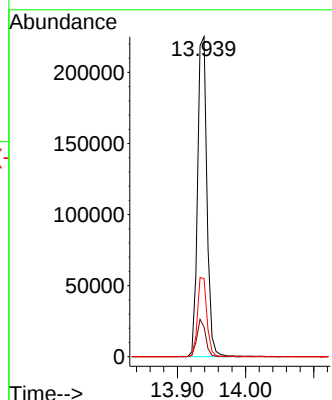
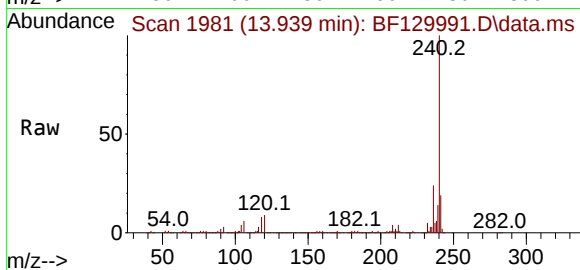
Tgt Ion:240 Resp: 213629

Ion Ratio Lower Upper

240 100

120 9.3 9.2 13.8

236 24.4 20.7 31.1



#79

Terphenyl-d14

Concen: 100.545 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

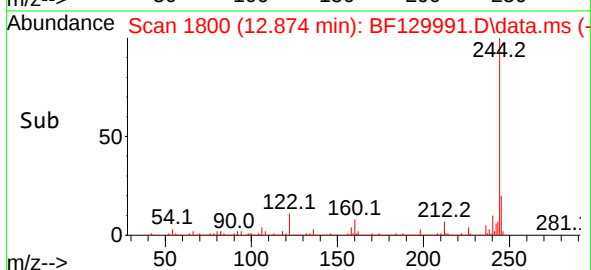
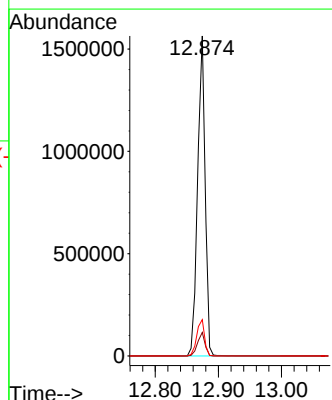
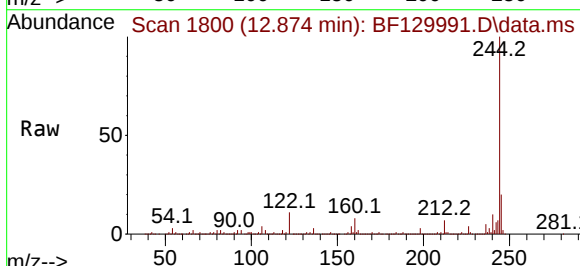
Tgt Ion:244 Resp: 1290872

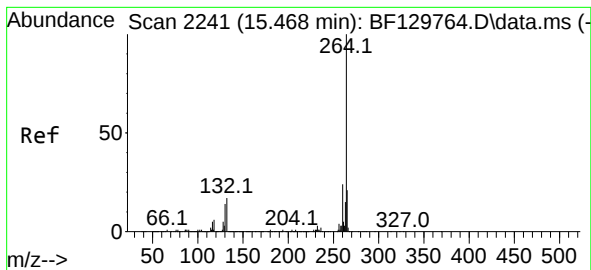
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.3 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.000 min

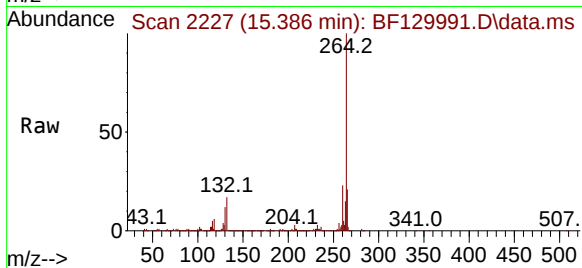
Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 221670

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.3 16.7 25.1

