

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129999.D
 Acq On : 25 Aug 2022 14:58
 Operator : CG\JU
 Sample : N4292-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082222

Quant Time: Aug 25 15:29:21 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 14:45:09 2022
 Response via : Initial Calibration

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

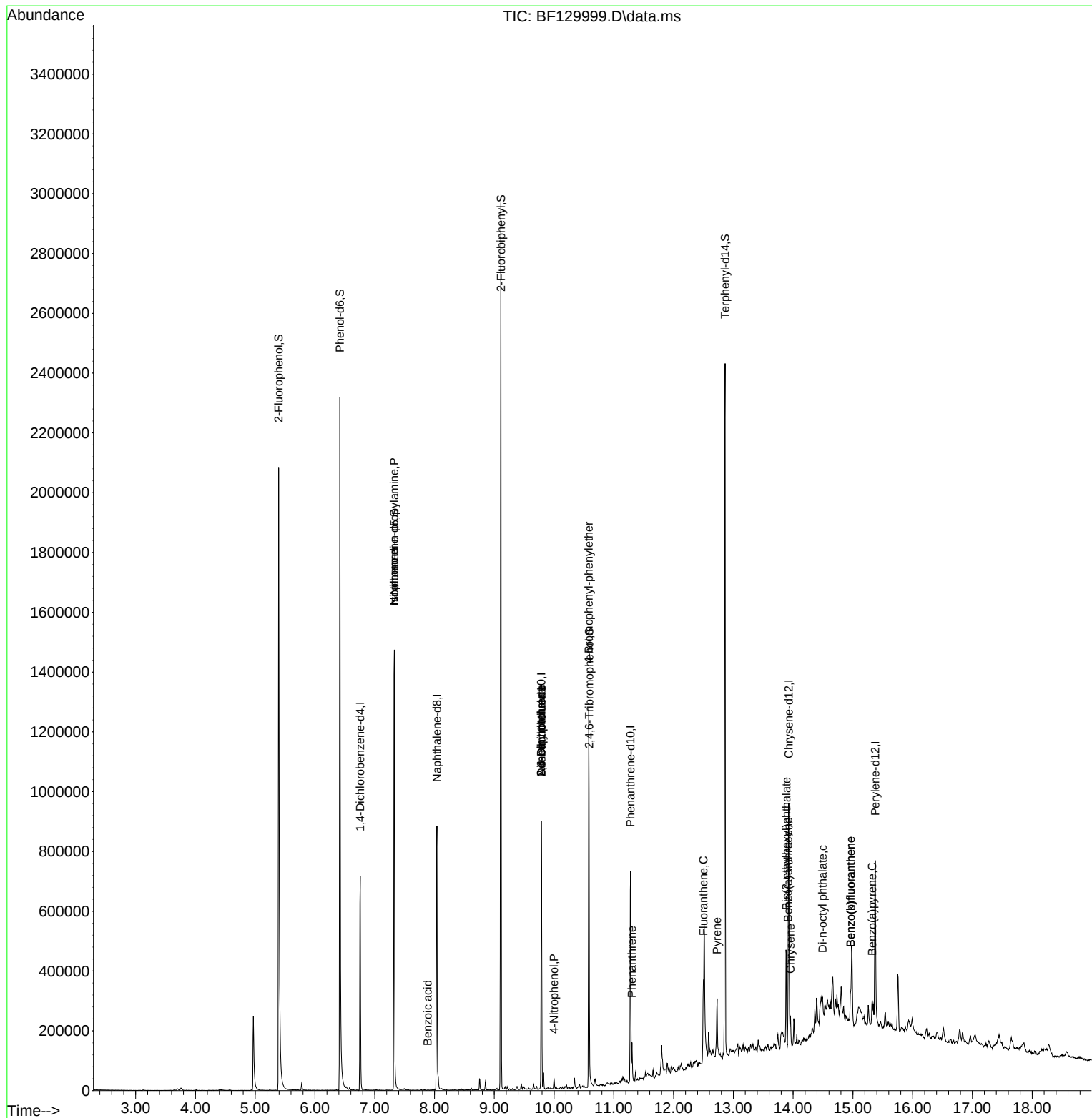
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	105594	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	381661	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	166599	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	249077	20.000	ng	0.00
76) Chrysene-d12	13.927	240	260201	20.000	ng	0.00
86) Perylene-d12	15.374	264	255346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	612662	96.065	ng	0.00
7) Phenol-d6	6.416	99	715903	89.639	ng	0.00
23) Nitrobenzene-d5	7.328	82	468458	65.706	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	136016	81.346	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	786007	71.657	ng	0.00
79) Terphenyl-d14	12.863	244	775881	49.616	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	58	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.328	70	63722	12.623	ng	# 77
25) Isophorone	7.328	82	468454	38.175	ng	# 65
32) Benzoic acid	7.887	122	71	2.190	ng	# 84
50) Dimethylphthalate	9.787	163	28302	2.370	ng	# 1
51) 2,6-Dinitrotoluene	9.787	165	22342	8.624	ng	# 23
56) 4-Nitrophenol	9.998	139	4807	3.771	ng	# 10
57) 2,4-Dinitrotoluene	9.787	165	22342	6.643	ng	# 18
67) 4-Bromophenyl-phenylether	10.581	248	8719	2.989	ng	# 1
71) Phenanthrene	11.304	178	43130	3.100	ng	99
75) Fluoranthene	12.498	202	73574	5.169	ng	98
77) Benzidine	12.651	184	454	Below Cal	#	1
78) Pyrene	12.727	202	74681	3.303	ng	98
81) Benzo(a)anthracene	13.916	228	43972	2.457	ng	100
83) Chrysene	13.957	228	41730	2.491	ng	94
84) Bis(2-ethylhexyl)phtha...	13.886	149	89233	7.861	ng	96
85) Di-n-octyl phthalate	14.492	149	46566	2.972	ng	# 72
88) Benzo(b)fluoranthene	14.963	252	81881	4.683	ng	# 96
89) Benzo(k)fluoranthene	14.963	252	81881	4.883	ng	# 95
90) Benzo(a)pyrene	15.321	252	36284	2.635	ng	# 93

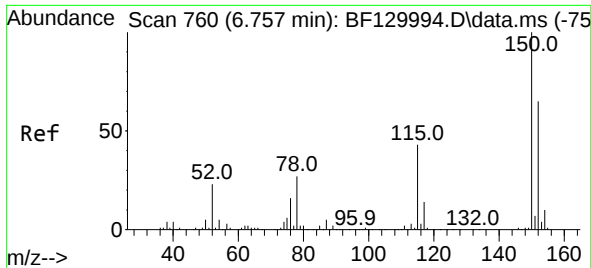
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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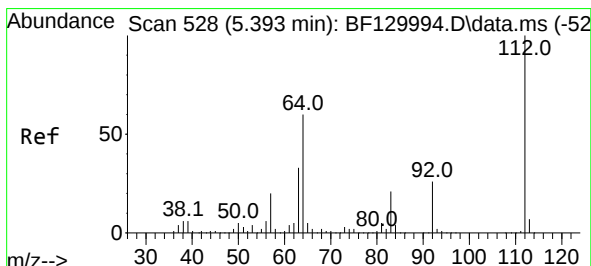
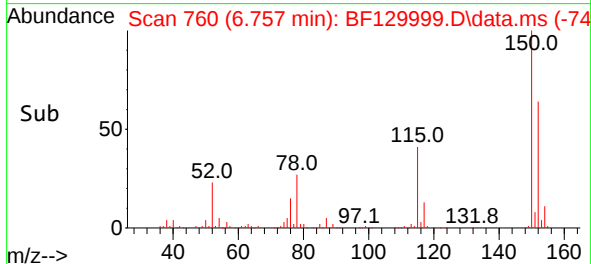
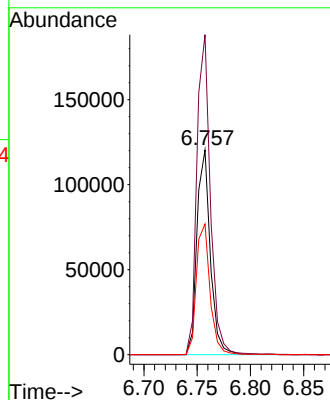
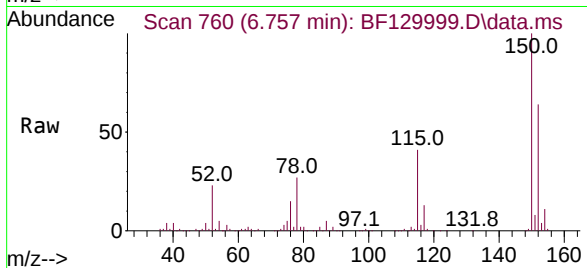




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 760
 Delta R.T. 0.000 min
 Lab File: BF129999.D
 Acq: 25 Aug 2022 14:58

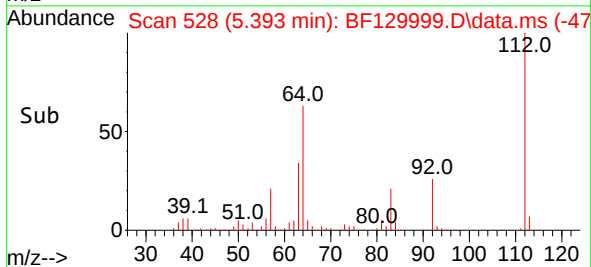
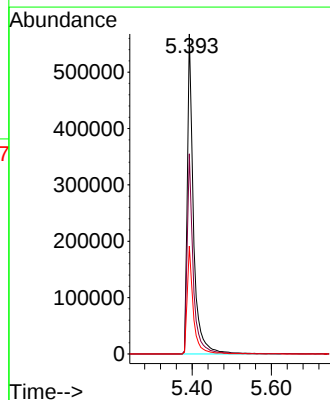
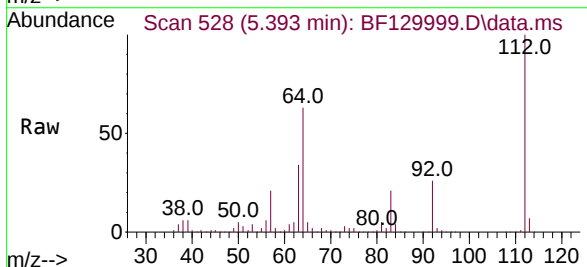
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082222

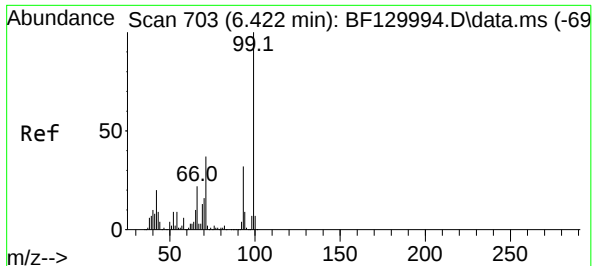
Tgt Ion:152 Resp: 105594
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 63.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 96.065 ng
 RT: 5.393 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: BF129999.D
 Acq: 25 Aug 2022 14:58

Tgt Ion:112 Resp: 612662
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.6 71.4
 63 33.7 24.6 37.0

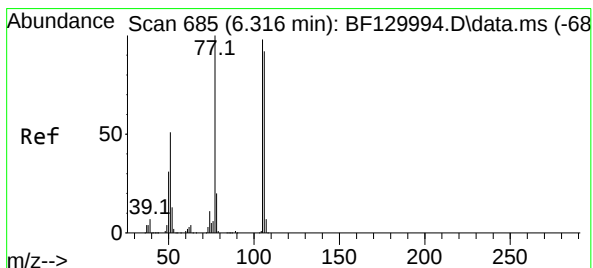
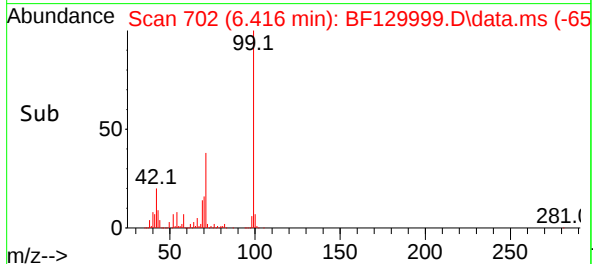
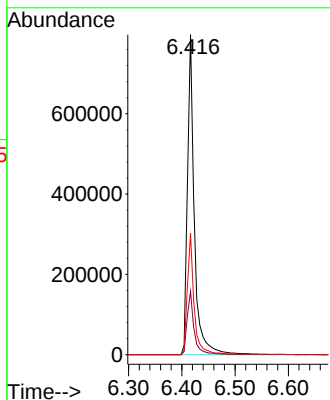
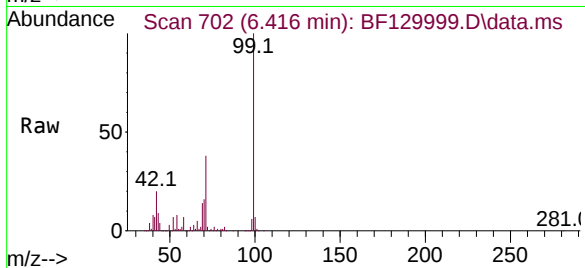




#7
Phenol-d6
Concen: 89.639 ng
RT: 6.416 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

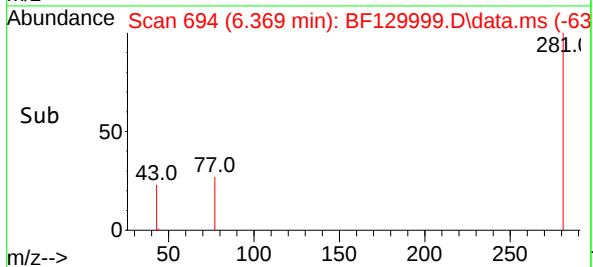
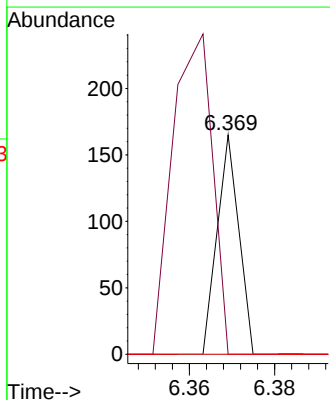
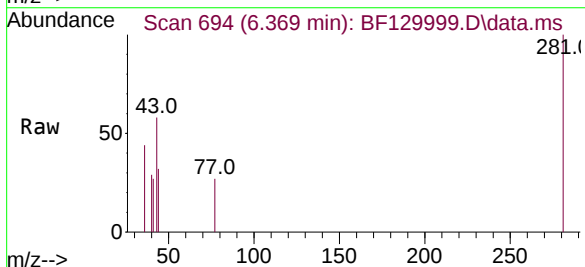
Instrument :
BNA_F
ClientSampleId :
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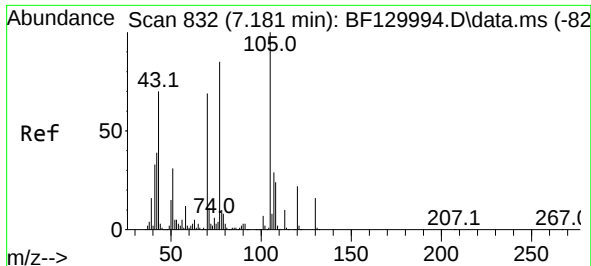
Tgt Ion: 99 Resp: 715903
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 38.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.053 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

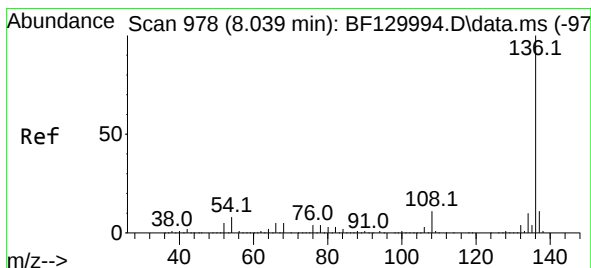
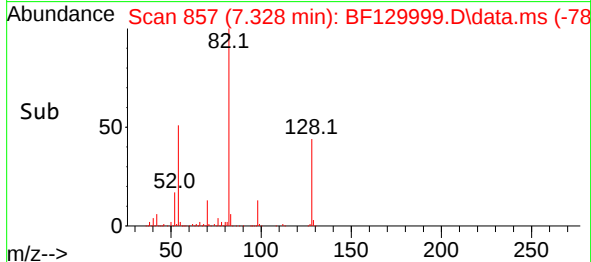
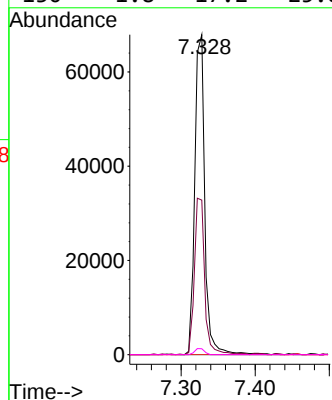
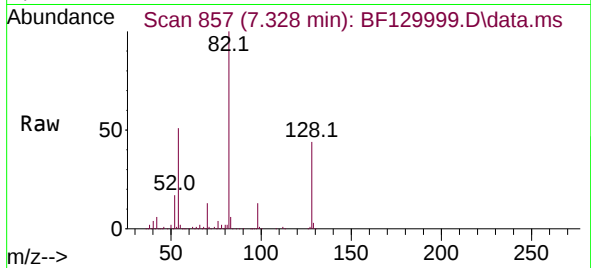




#19
n-Nitroso-di-n-propylamine
Concen: 12.623 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

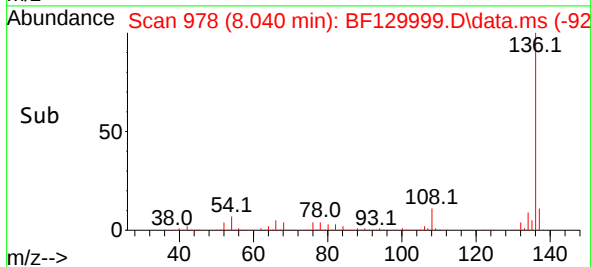
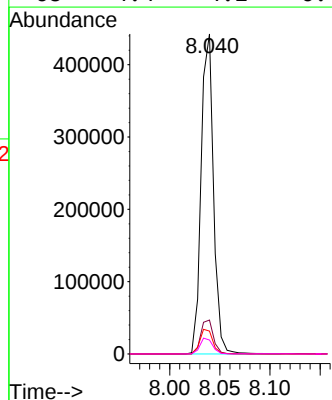
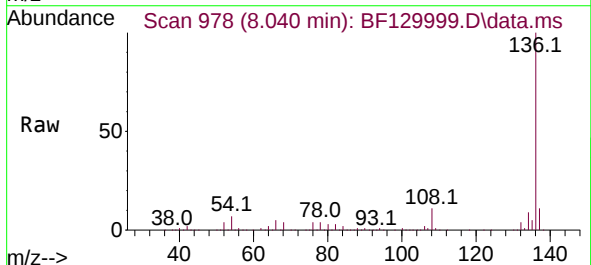
Instrument :
BNA_F
ClientSampleId :
TR-04-082222

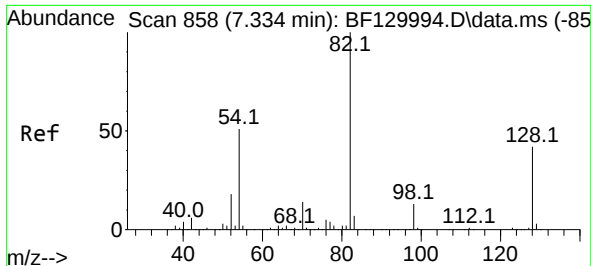
Tgt Ion: 70 Resp: 63722
Ion Ratio Lower Upper
70 100
42 48.3 47.6 71.4
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion: 136 Resp: 381661
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 6.2 9.2
68 4.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 65.706 ng

RT: 7.328 min Scan# 857

Delta R.T. -0.006 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

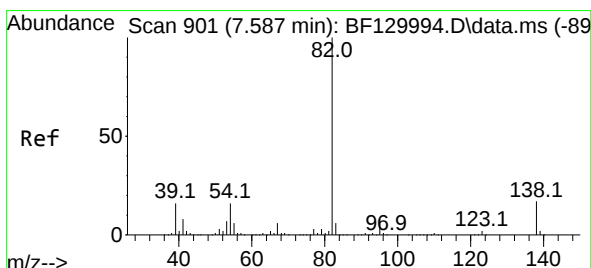
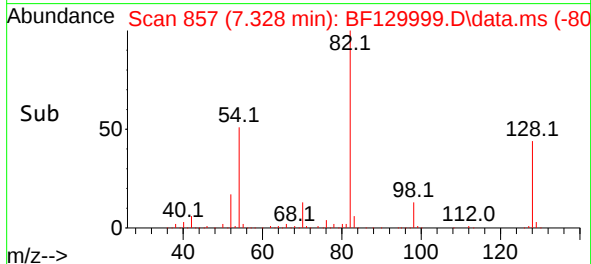
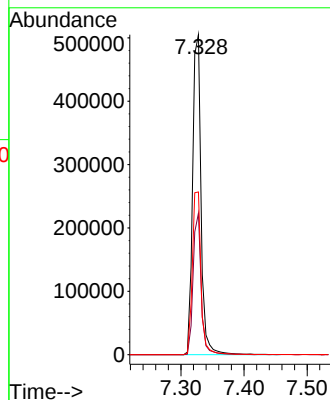
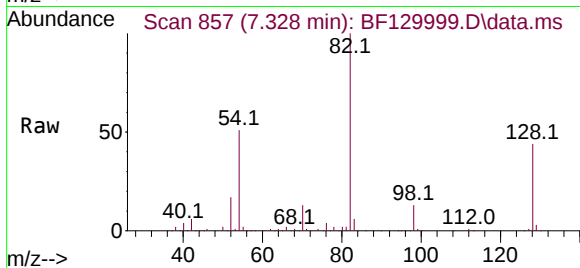
Tgt Ion: 82 Resp: 468458

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

54 50.9 40.0 60.0



#25

Isophorone

Concen: 38.175 ng

RT: 7.328 min Scan# 857

Delta R.T. -0.259 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

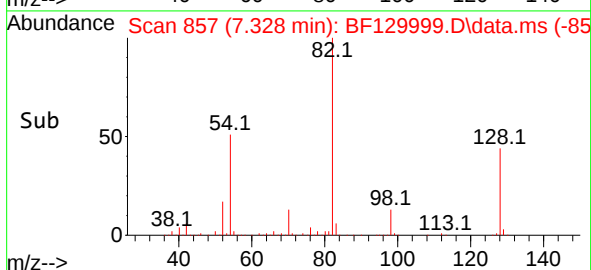
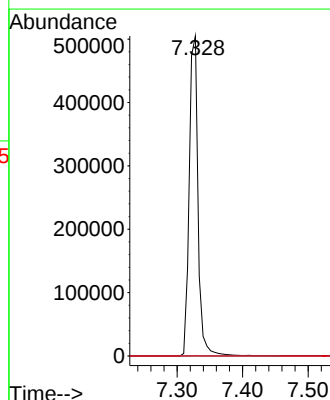
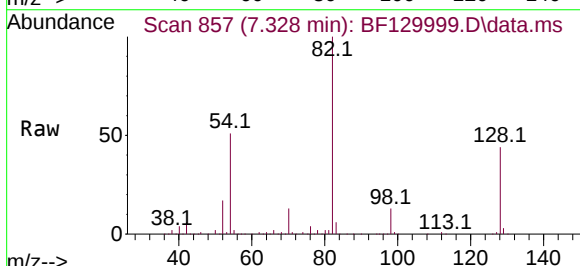
Tgt Ion: 82 Resp: 468454

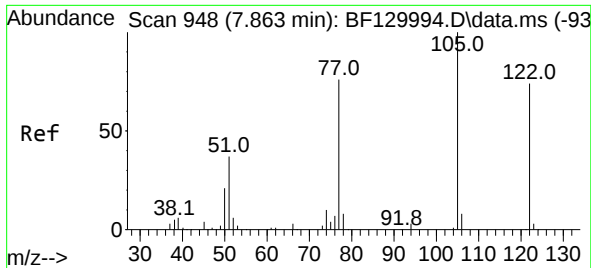
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

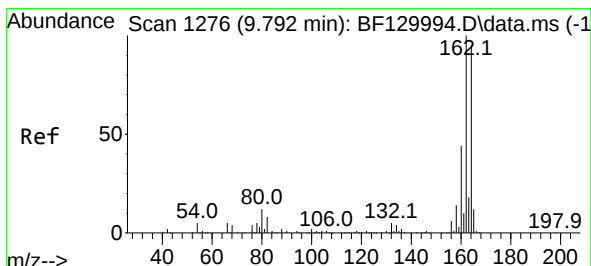
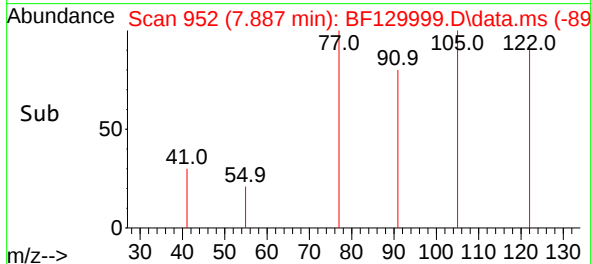
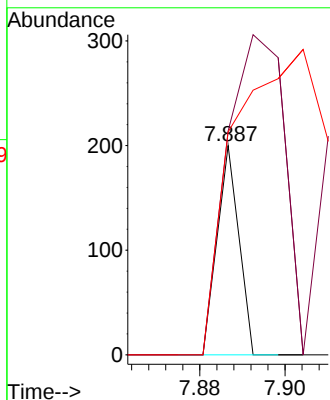
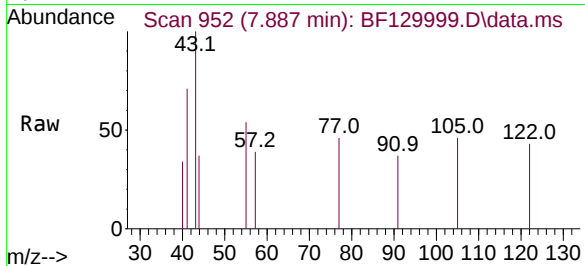




#32
Benzoic acid
Concen: 2.190 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

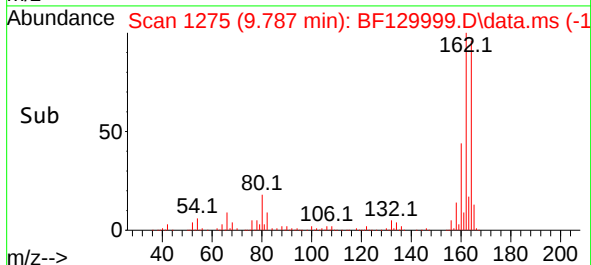
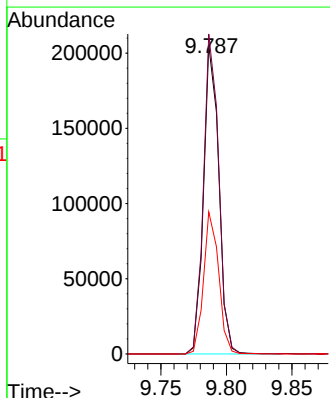
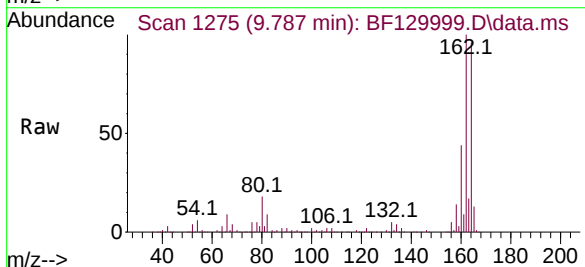
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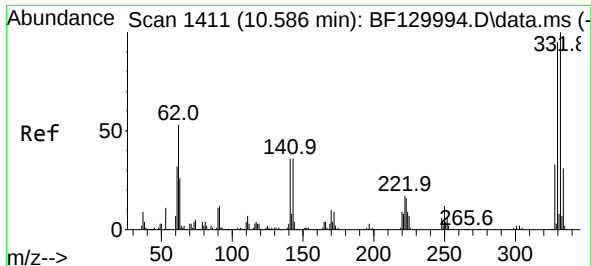
Tgt Ion:122	Resp:	71
Ion	Ratio	Lower Upper
122	100	
105	107.0	99.9 139.9
77	106.5	65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.787 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

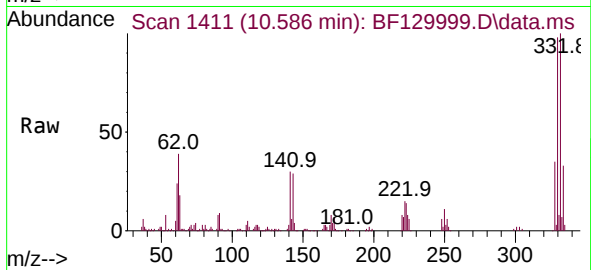
Tgt Ion:164	Resp:	166599
Ion	Ratio	Lower Upper
164	100	
162	103.7	82.0 123.0
160	46.1	35.4 53.0



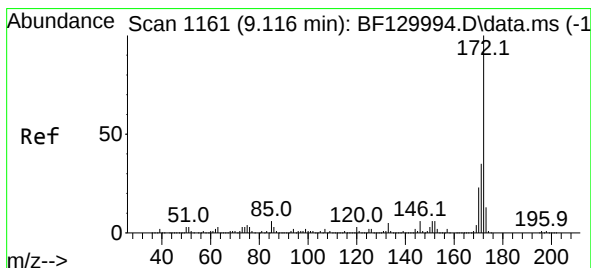
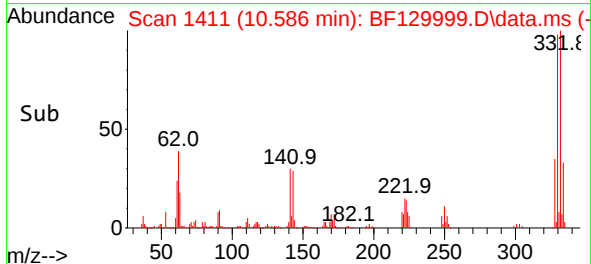
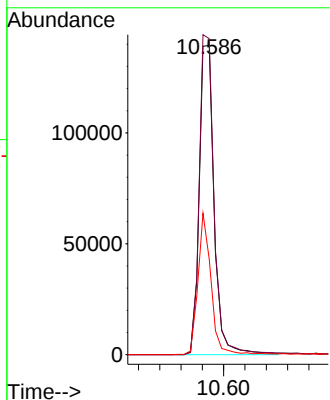


#42
2,4,6-Tribromophenol
Concen: 81.346 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Instrument :
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ClientSampleId :
TR-04-082222

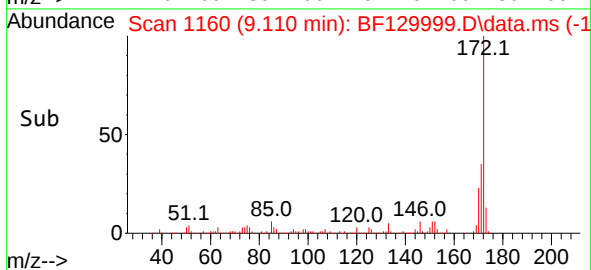
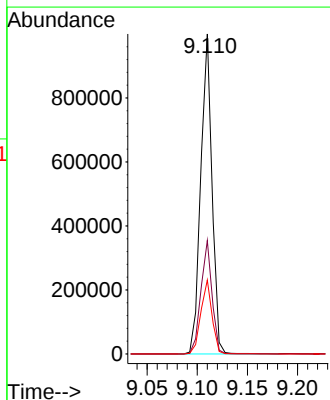
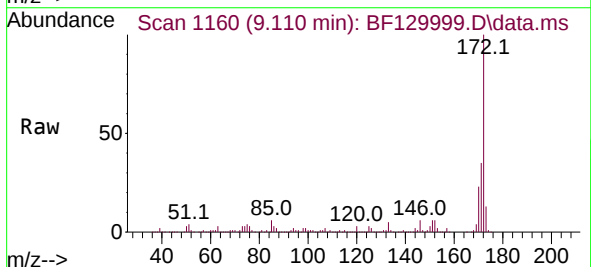


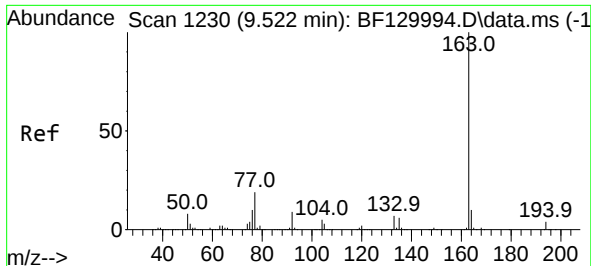
Tgt Ion:330 Resp: 136016
Ion Ratio Lower Upper
330 100
332 103.6 82.6 124.0
141 40.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 71.657 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:172 Resp: 786007
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.1 19.1 28.7

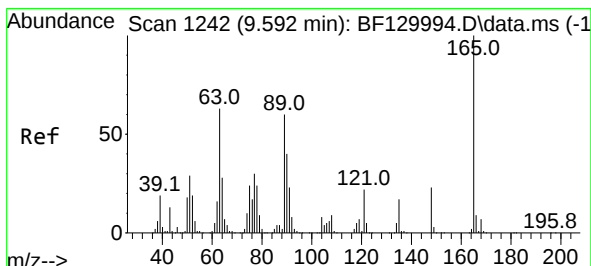
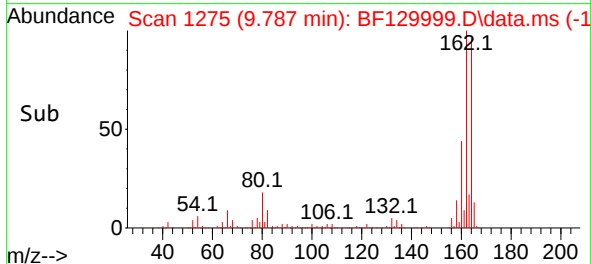
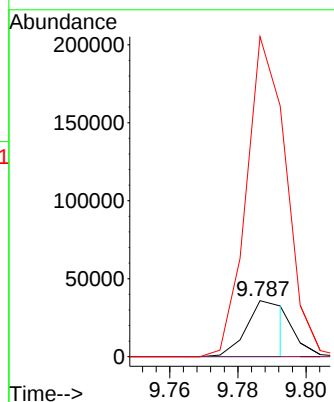
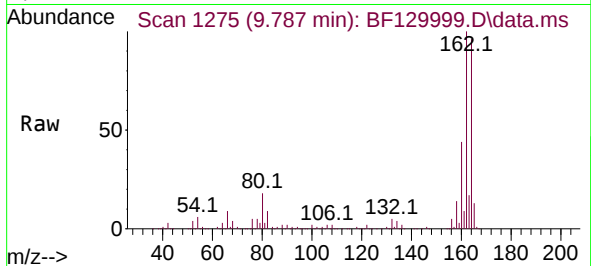




#50
Dimethylphthalate
Concen: 2.370 ng
RT: 9.787 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

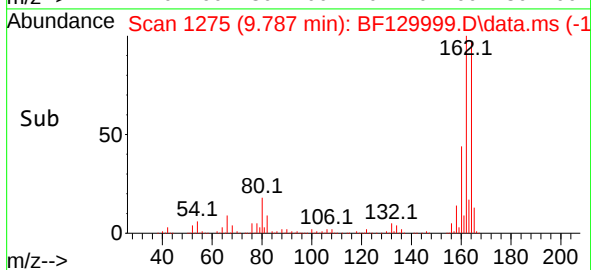
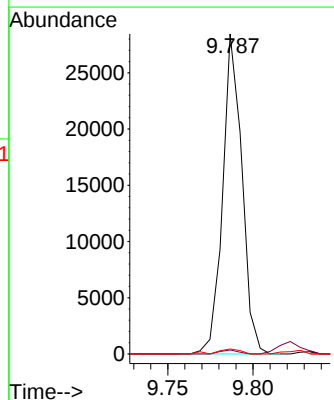
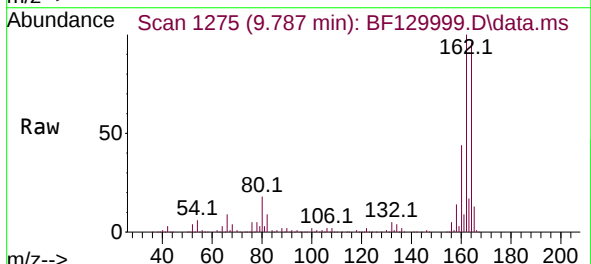
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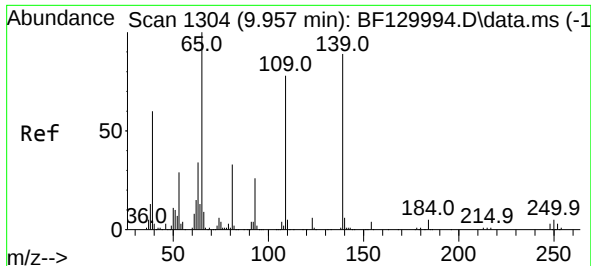
Tgt Ion:163 Resp: 28302
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 571.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 9.787 min Scan# 1275
Delta R.T. 0.194 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:165 Resp: 22342
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#

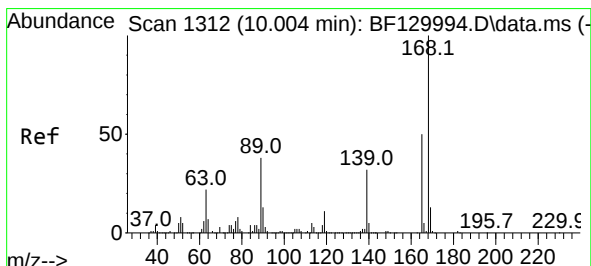
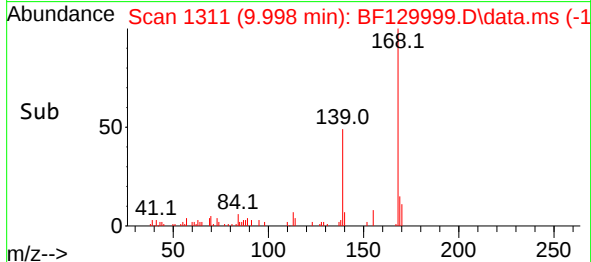
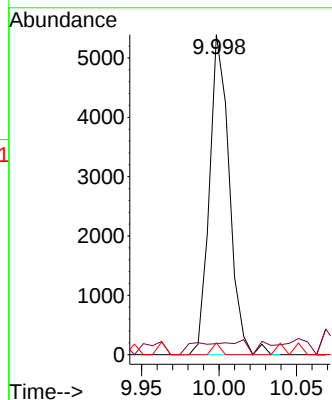
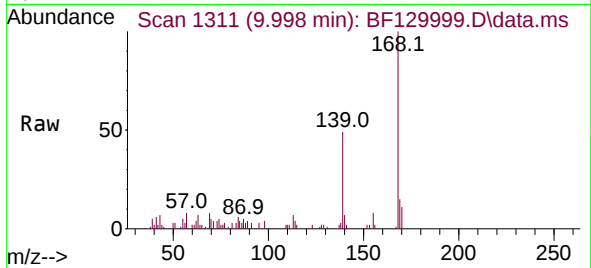




#56
4-Nitrophenol
Concen: 3.771 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

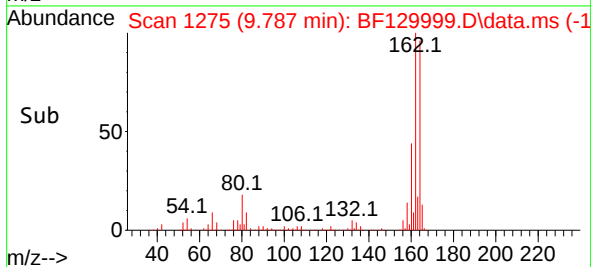
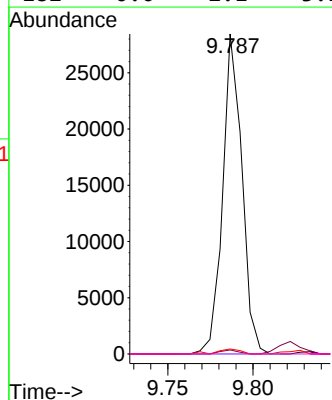
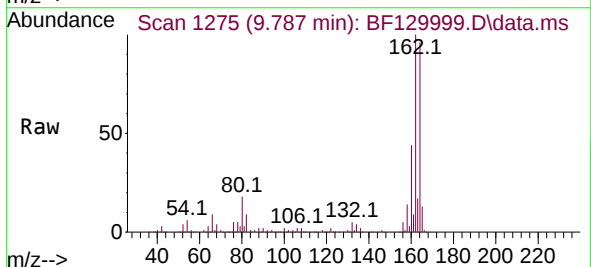
Instrument :
BNA_F
ClientSampleId :
TR-04-082222

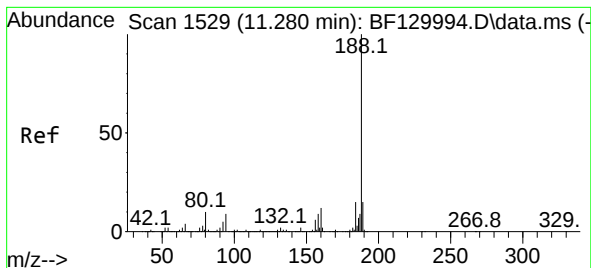
Tgt Ion:139 Resp: 4807
Ion Ratio Lower Upper
139 100
109 3.4 52.9 92.9#
65 3.7 79.5 119.5#



#57
2,4-Dinitrotoluene
Concen: 6.643 ng
RT: 9.787 min Scan# 1275
Delta R.T. -0.218 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:165 Resp: 22342
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

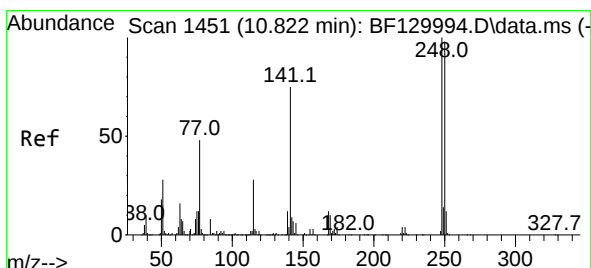
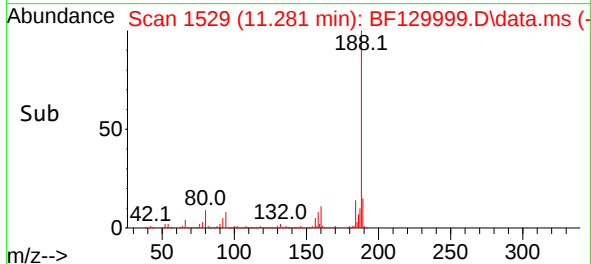
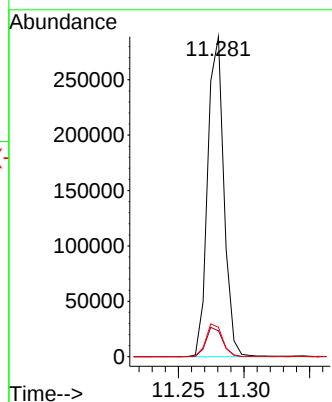
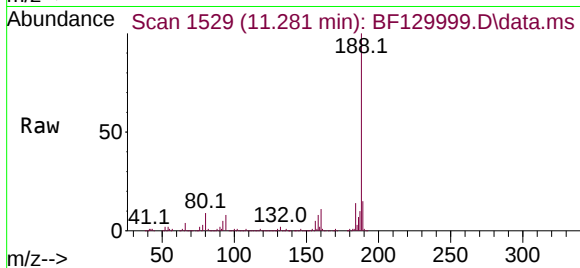
Tgt Ion:188 Resp: 249077

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 9.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.989 ng

RT: 10.581 min Scan# 1410

Delta R.T. -0.241 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

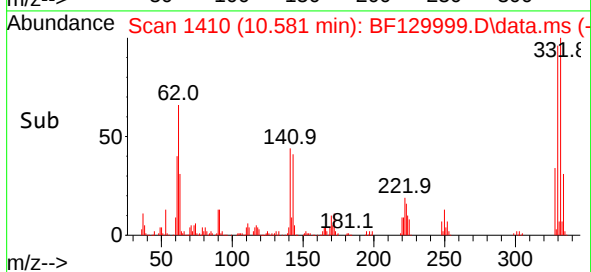
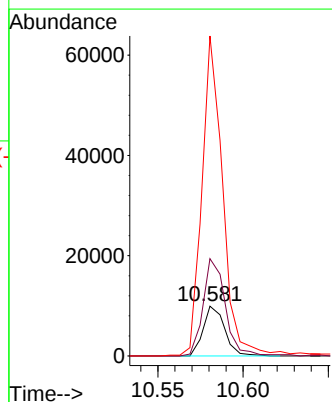
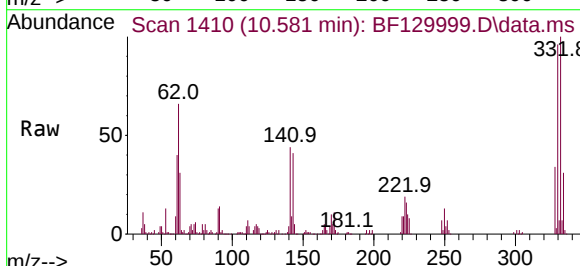
Tgt Ion:248 Resp: 8719

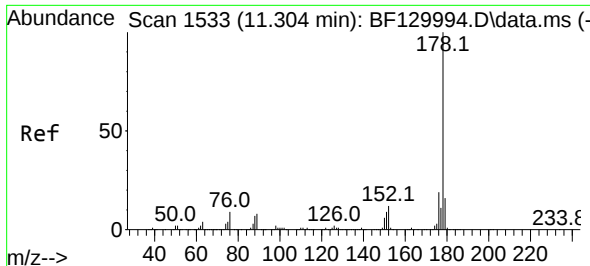
Ion Ratio Lower Upper

248 100

250 195.6 77.8 116.6#

141 643.5 66.2 99.2#

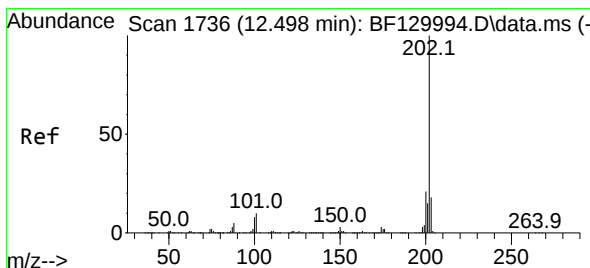
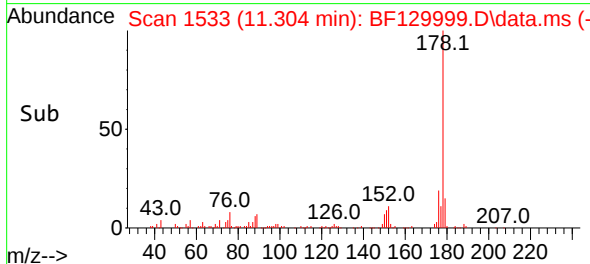
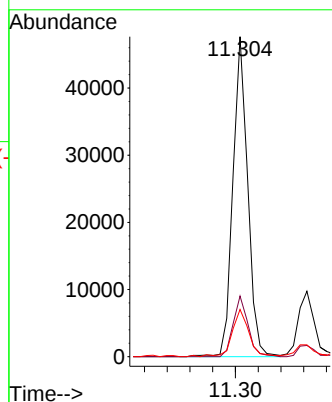
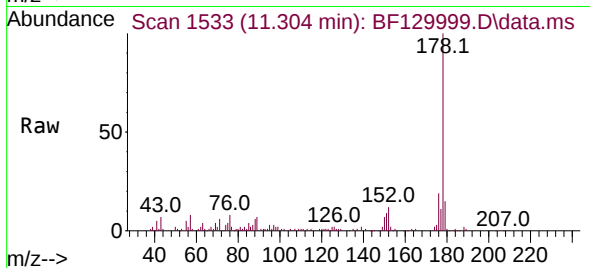




#71
Phenanthrene
Concen: 3.100 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

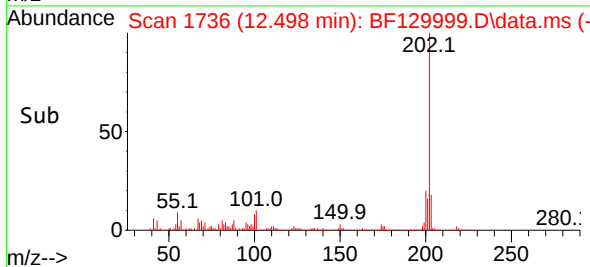
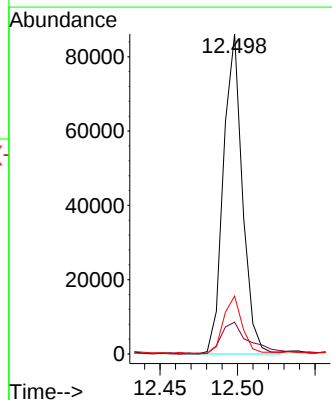
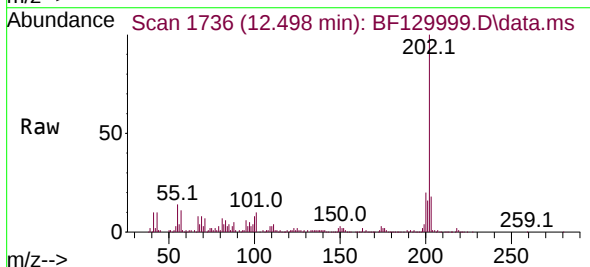
Instrument :
BNA_F
ClientSampleId :
TR-04-082222

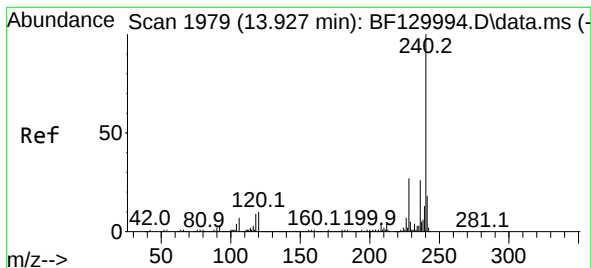
Tgt Ion:178 Resp: 43130
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.7 12.5 18.7



#75
Fluoranthene
Concen: 5.169 ng
RT: 12.498 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:202 Resp: 73574
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 18.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

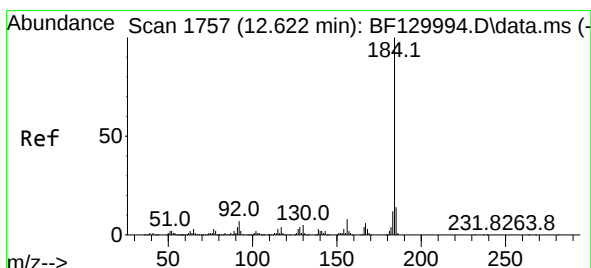
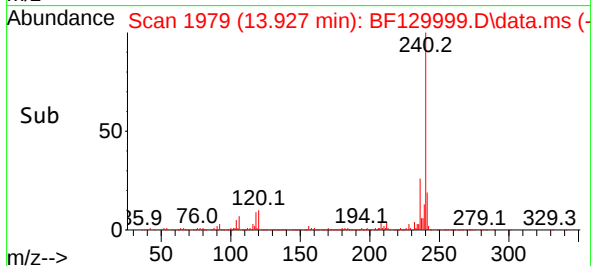
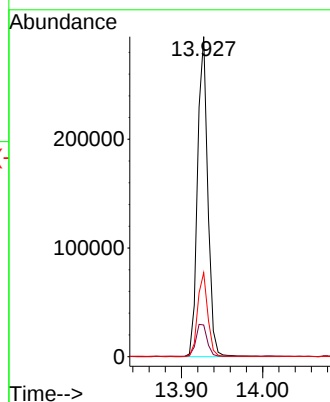
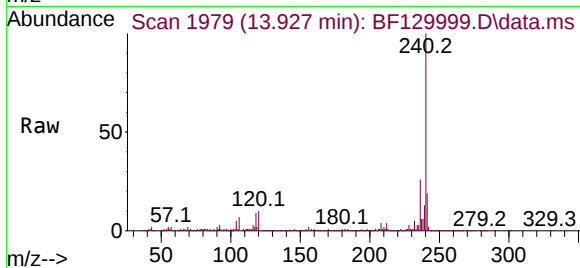
Tgt Ion:240 Resp: 260201

Ion Ratio Lower Upper

240 100

120 9.9 9.2 13.8

236 26.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.651 min Scan# 1762

Delta R.T. 0.030 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

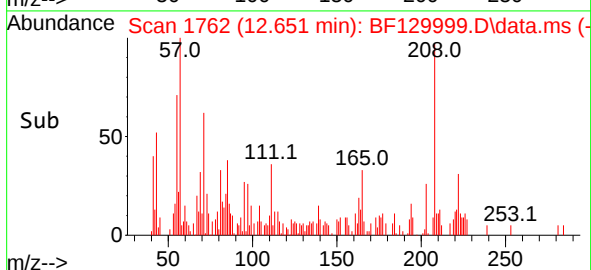
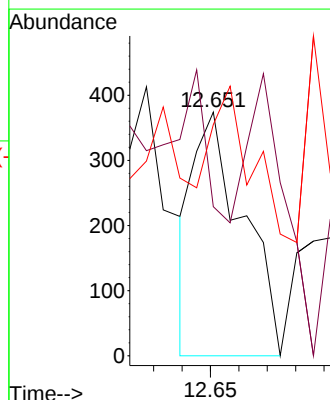
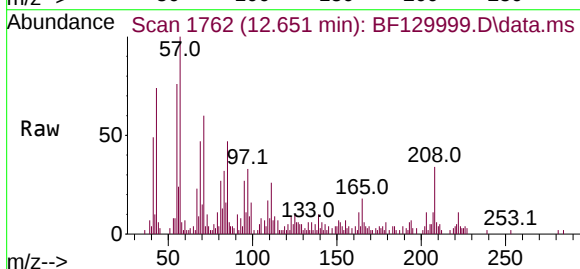
Tgt Ion:184 Resp: 454

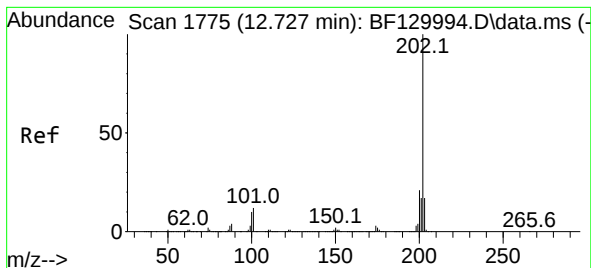
Ion Ratio Lower Upper

184 100

185 61.2 11.4 17.2#

183 94.9 9.4 14.2#





#78

Pyrene

Concen: 3.303 ng

RT: 12.727 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

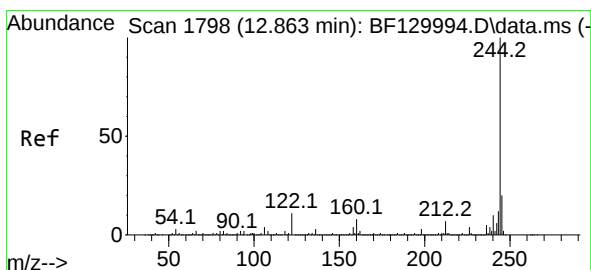
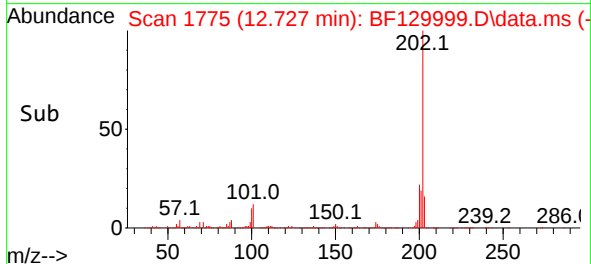
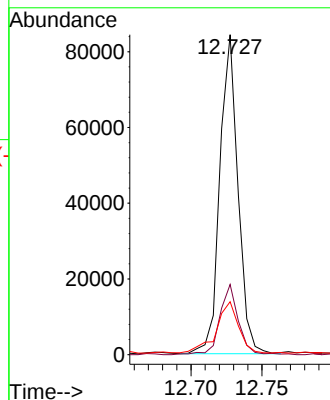
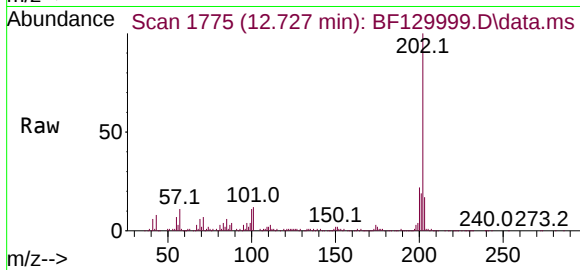
Tgt Ion:202 Resp: 74681

Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.6

203 16.6 14.1 21.1



#79

Terphenyl-d14

Concen: 49.616 ng

RT: 12.863 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

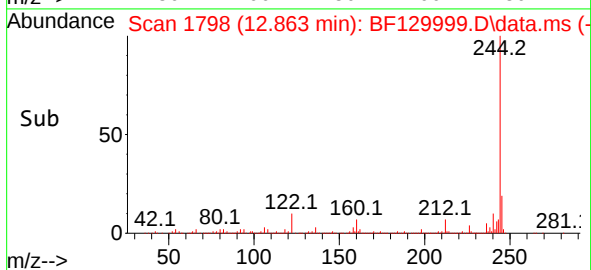
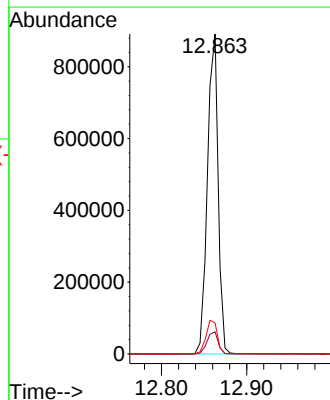
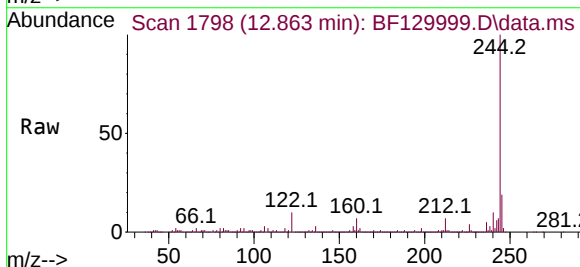
Tgt Ion:244 Resp: 775881

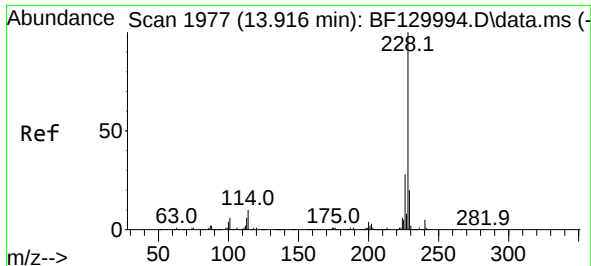
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.7 9.9 14.9#

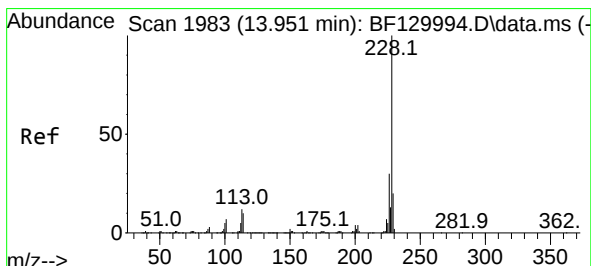
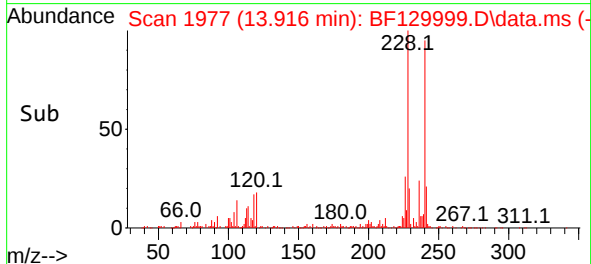
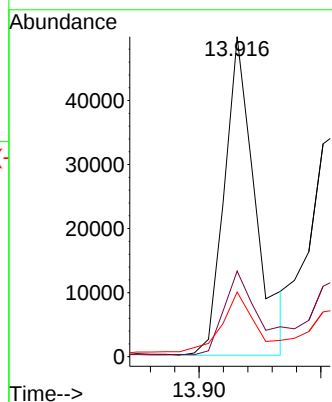
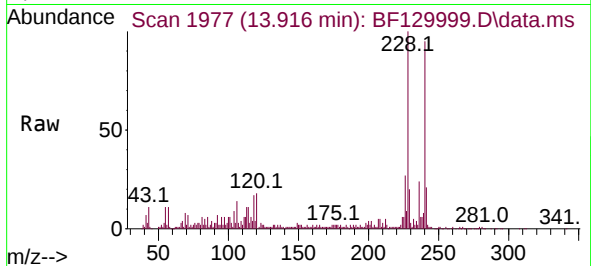




#81
Benzo(a)anthracene
Concen: 2.457 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

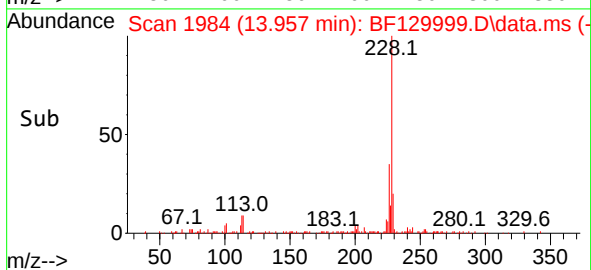
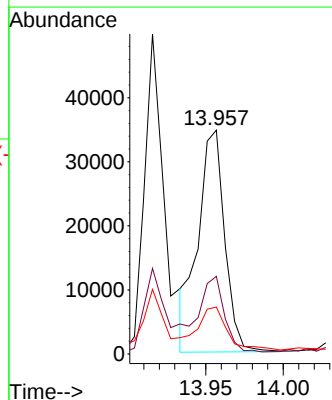
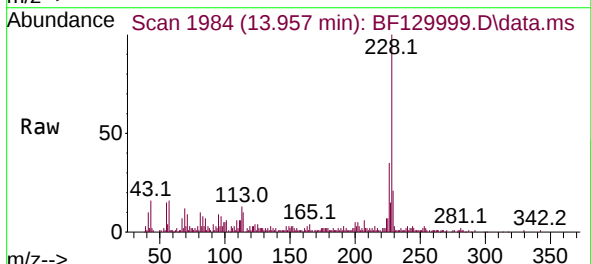
Instrument :
BNA_F
ClientSampleId :
TR-04-082222

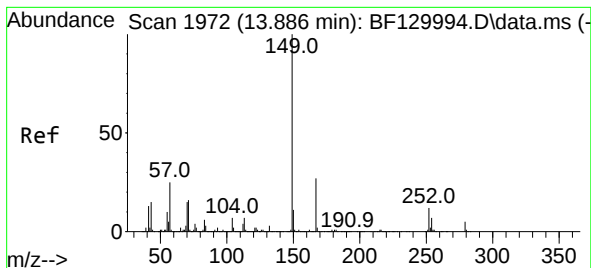
Tgt Ion:228 Resp: 43972
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 20.2 16.1 24.1



#83
Chrysene
Concen: 2.491 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:228 Resp: 41730
Ion Ratio Lower Upper
228 100
226 34.7 24.4 36.6
229 21.0 15.9 23.9

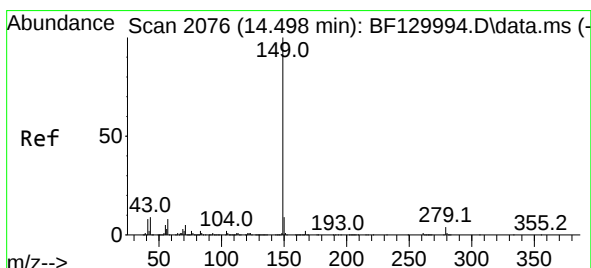
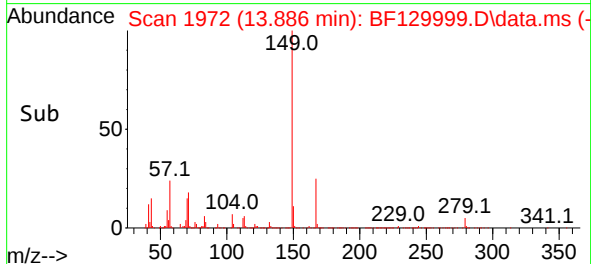
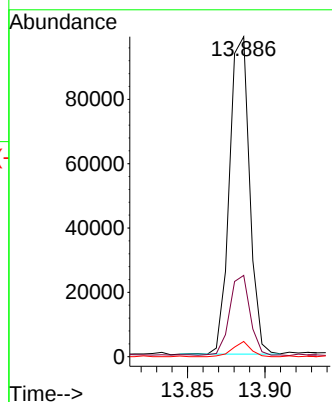
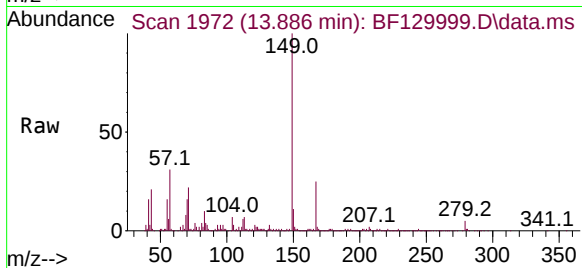




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.861 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: BF129999.D
 Acq: 25 Aug 2022 14:58

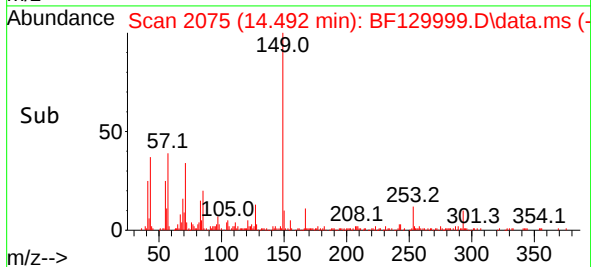
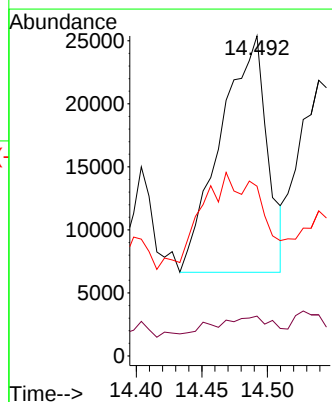
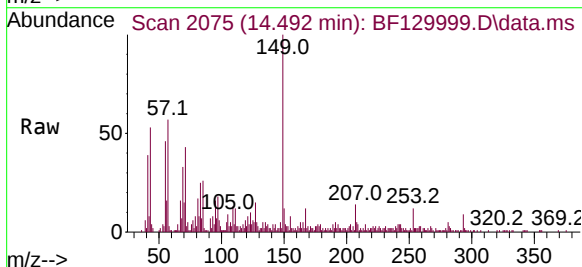
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082222

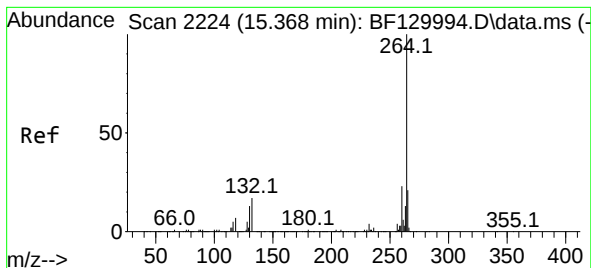
Tgt Ion:149 Resp: 89233
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.0 33.0
 279 4.8 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 2.972 ng
 RT: 14.492 min Scan# 2075
 Delta R.T. -0.006 min
 Lab File: BF129999.D
 Acq: 25 Aug 2022 14:58

Tgt Ion:149 Resp: 46566
 Ion Ratio Lower Upper
 149 100
 167 17.0 1.3 1.9#
 43 0.0 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

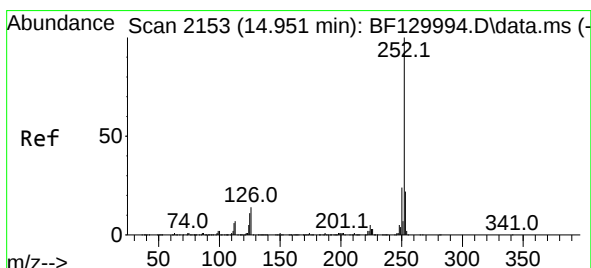
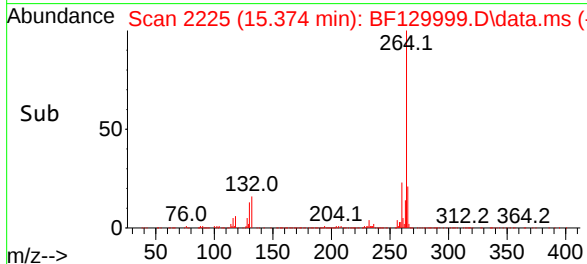
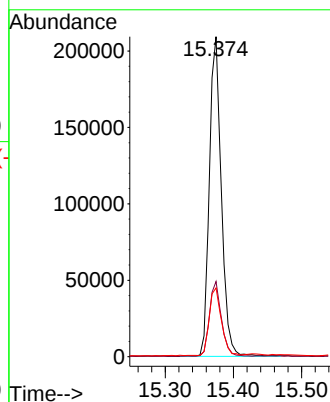
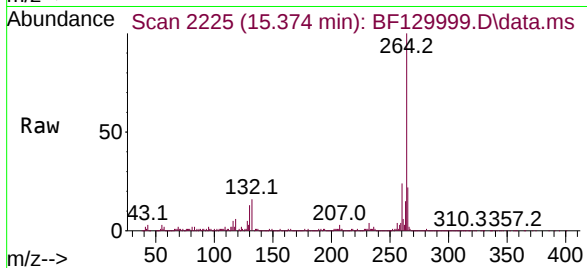
Tgt Ion:264 Resp: 255346

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.5 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 4.683 ng

RT: 14.963 min Scan# 2155

Delta R.T. 0.012 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

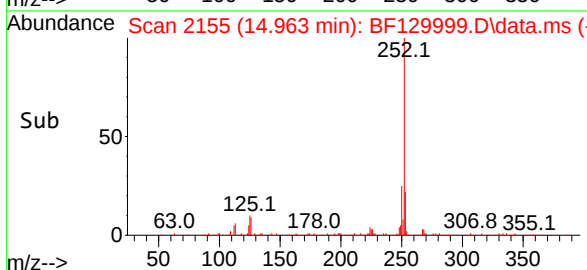
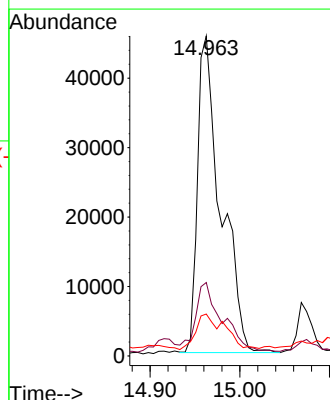
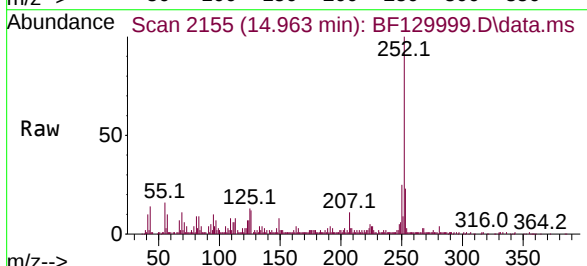
Tgt Ion:252 Resp: 81881

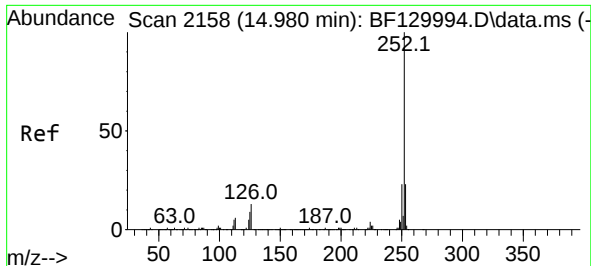
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 13.1 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 4.883 ng

RT: 14.963 min Scan# 2155

Delta R.T. -0.018 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

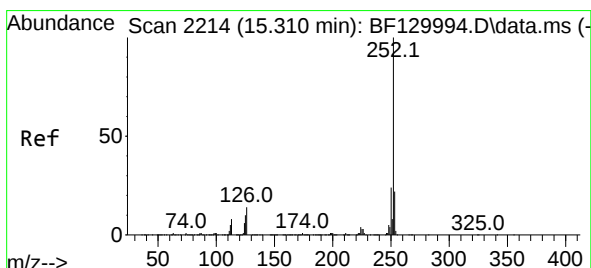
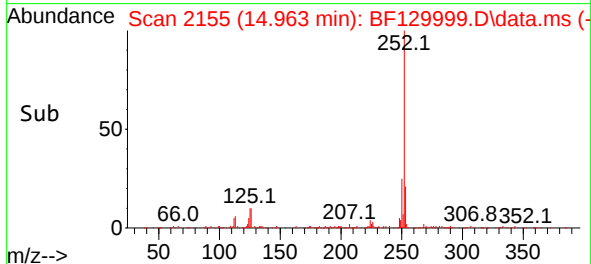
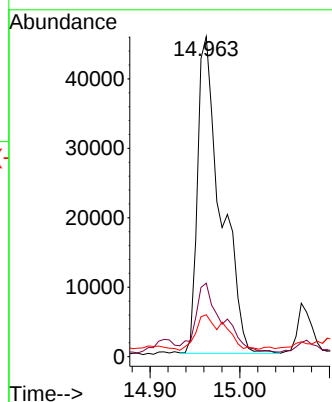
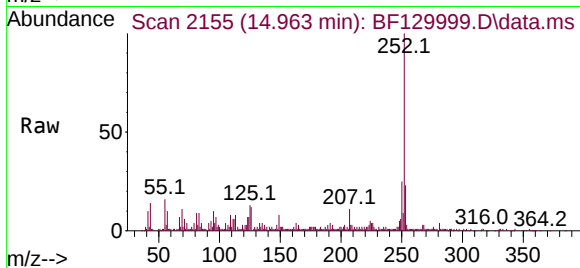
Tgt Ion:252 Resp: 81881

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 13.1 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.635 ng

RT: 15.321 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Tgt Ion:252 Resp: 36284

Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

125 13.5 8.8 13.2#

