

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129995.D
 Acq On : 25 Aug 2022 12:23
 Operator : CG\JU
 Sample : PB147052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147052BL

Quant Time: Aug 25 14:47:32 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)

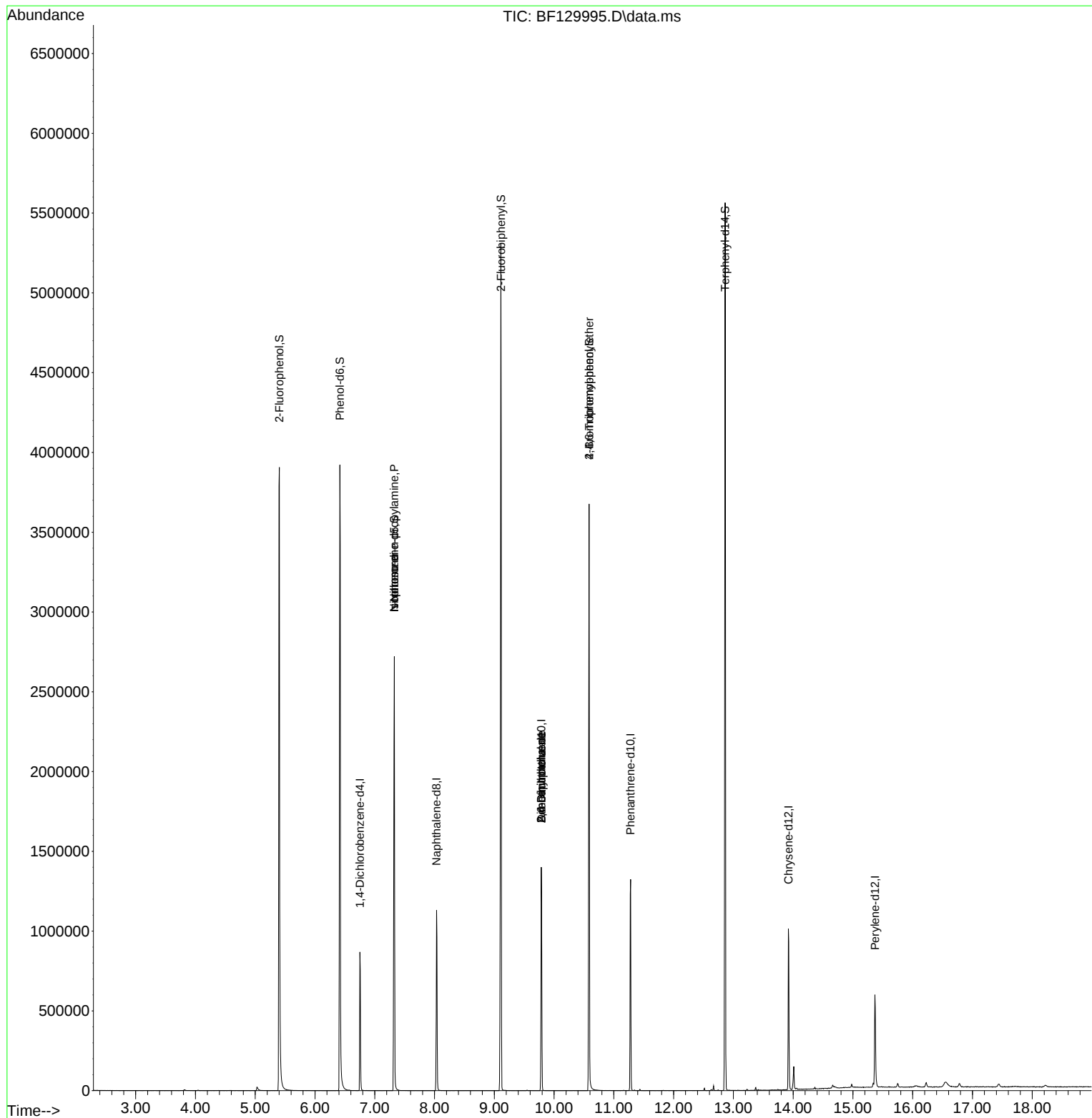
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	128506	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	523084	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	281598	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	482681	20.000	ng	0.00
76) Chrysene-d12	13.921	240	341162	20.000	ng	0.00
86) Perylene-d12	15.368	264	260716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1131638	145.803	ng	0.01
7) Phenol-d6	6.416	99	1441880	148.350	ng	0.00
23) Nitrobenzene-d5	7.328	82	924112	94.573	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	406019	143.660	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1711652	92.318	ng	0.00
79) Terphenyl-d14	12.863	244	1820274	88.780	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	2371	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.328	70	125478	20.424	ng	# 76
25) Isophorone	7.328	82	924105	54.947	ng	# 65
50) Dimethylphthalate	9.786	163	47492	2.353	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	37178	8.490	ng	# 23
57) 2,4-Dinitrotoluene	9.786	165	37178	6.540	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	25861	4.574	ng	# 1
77) Benzidine	12.627	184	3133	Below Cal	#	96

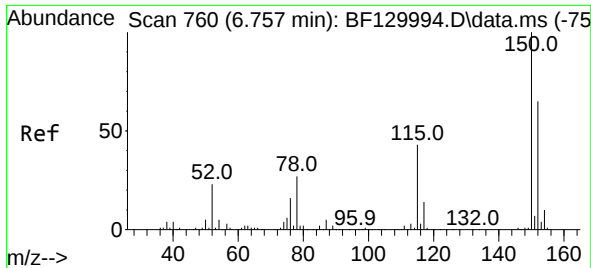
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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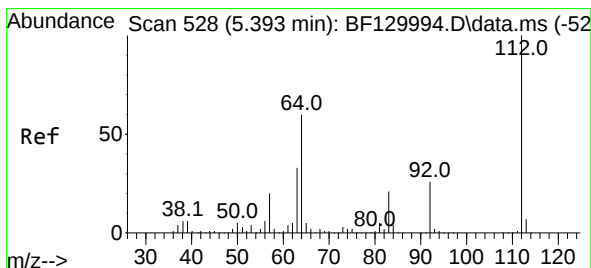
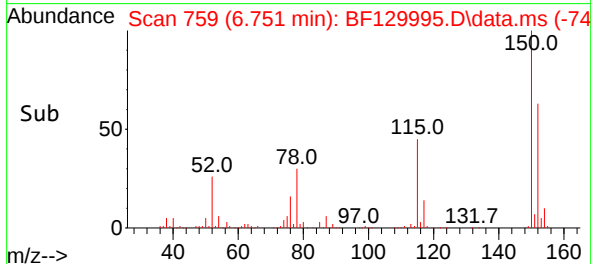
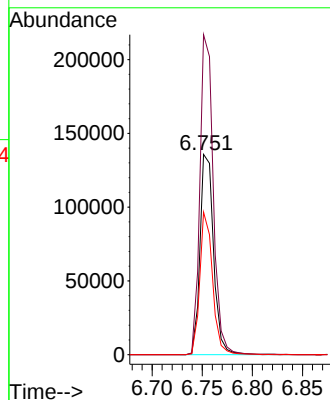
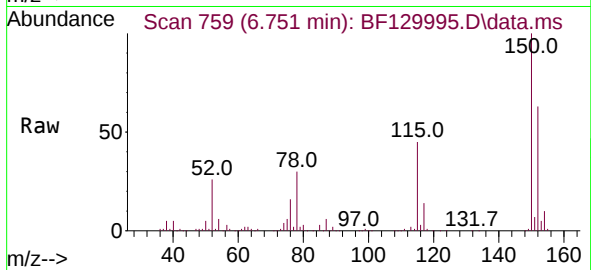




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

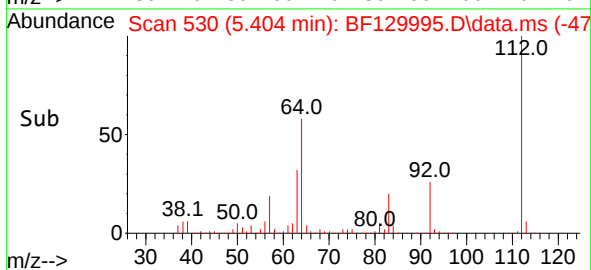
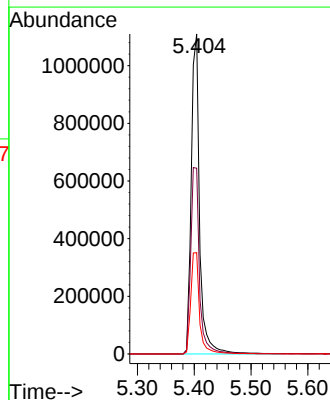
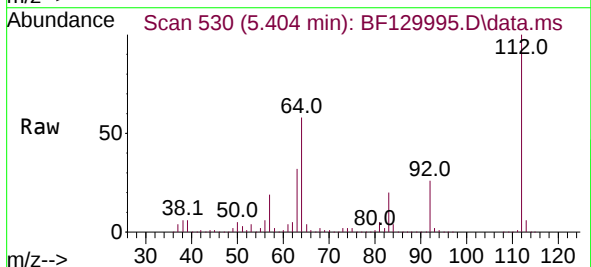
Instrument :
BNA_F
ClientSampleId :
PB147052BL

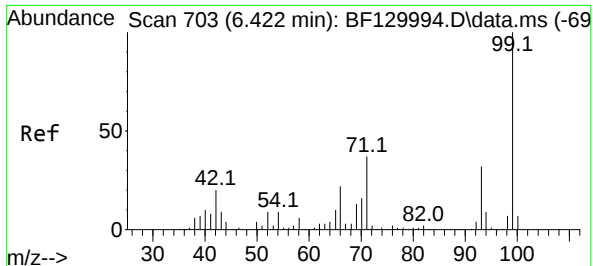
Tgt Ion:152 Resp: 128506
Ion Ratio Lower Upper
152 100
150 159.8 126.9 190.3
115 71.2 53.4 80.0



#5
2-Fluorophenol
Concen: 145.803 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.012 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion:112 Resp: 1131638
Ion Ratio Lower Upper
112 100
64 58.0 47.6 71.4
63 31.6 24.6 37.0

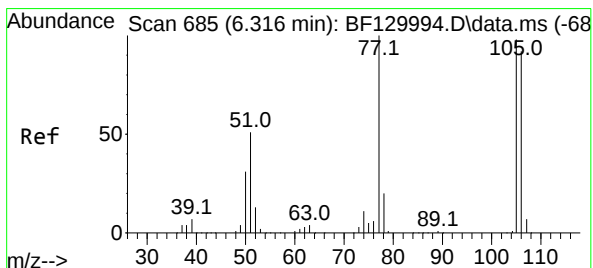
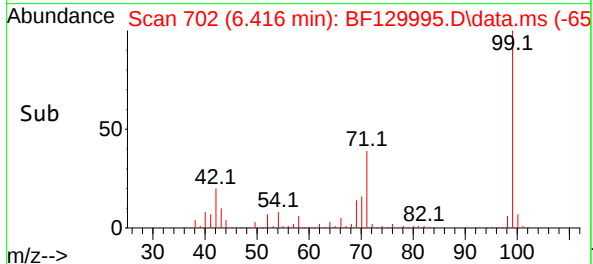
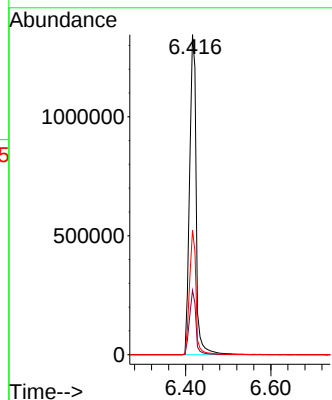
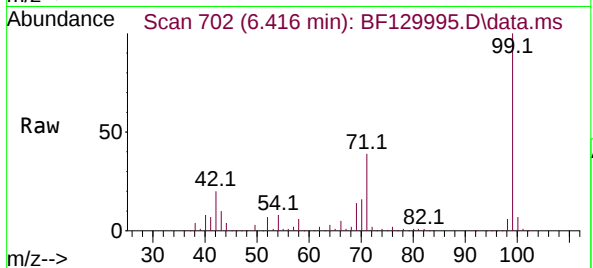




#7
Phenol-d6
Concen: 148.350 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

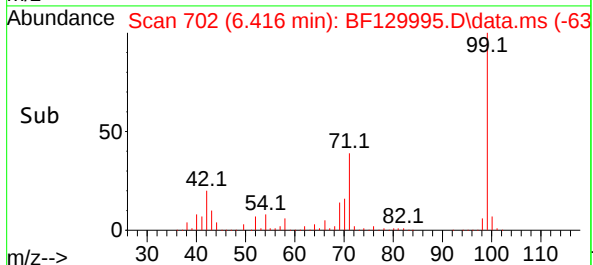
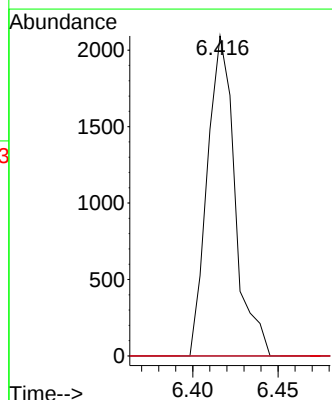
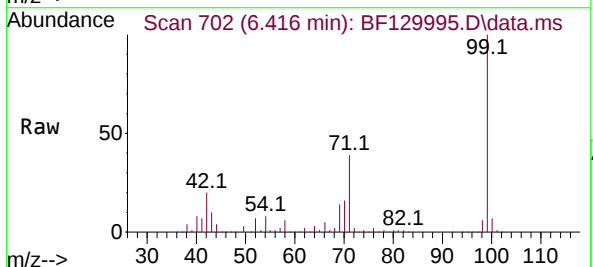
Instrument :
BNA_F
ClientSampleId :
PB147052BL

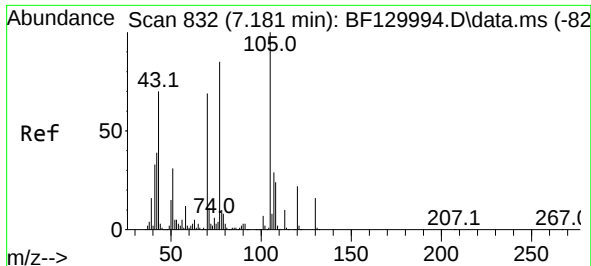
Tgt Ion: 99 Resp: 1441880
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 702
Delta R.T. 0.100 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion: 77 Resp: 2371
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

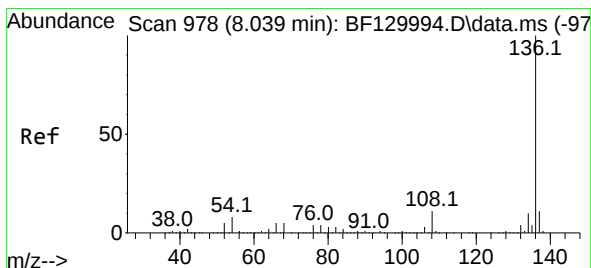
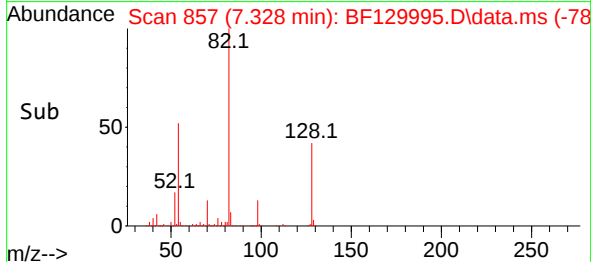
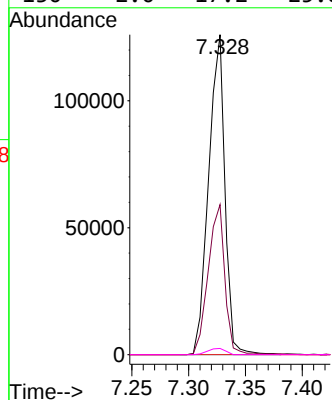
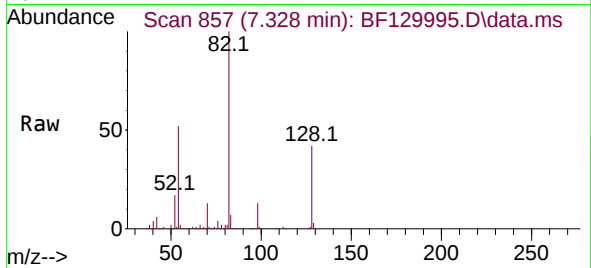




#19
n-Nitroso-di-n-propylamine
Concen: 20.424 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

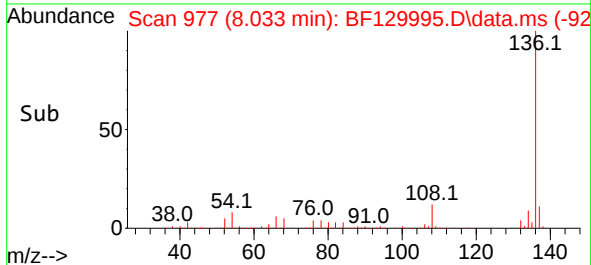
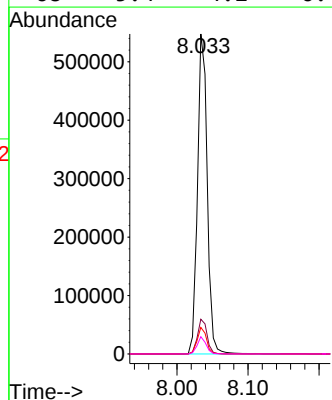
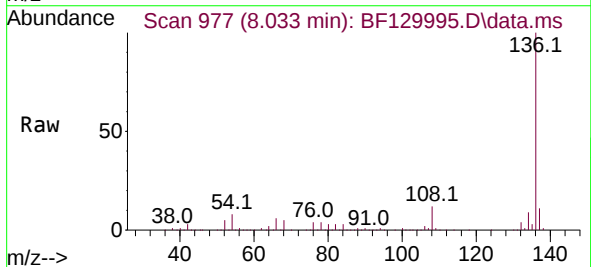
Instrument :
BNA_F
ClientSampleId :
PB147052BL

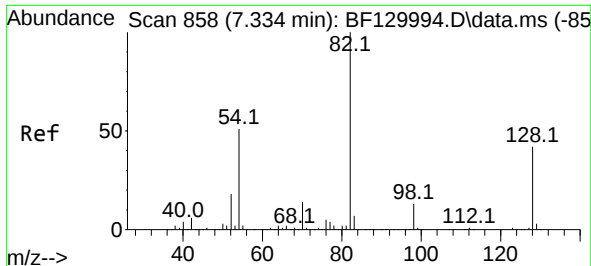
Tgt Ion: 70 Resp: 125478
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion: 136 Resp: 523084
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 6.2 9.2
68 5.4 4.2 6.4

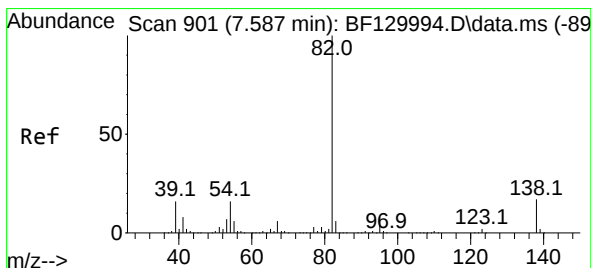
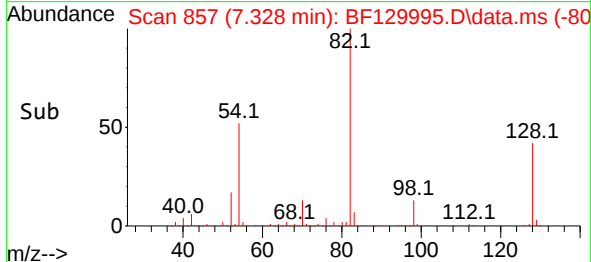
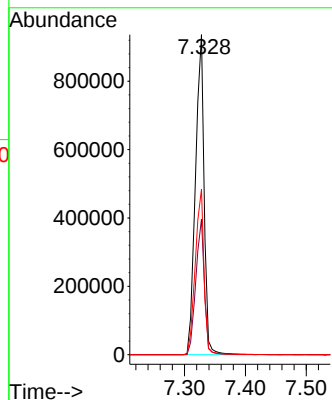
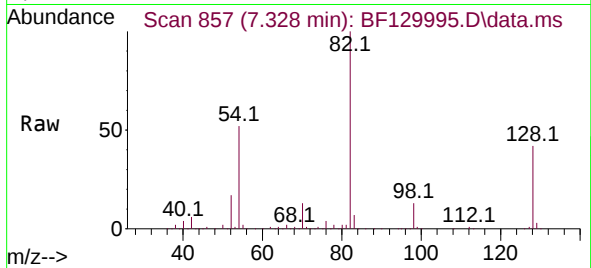




#23
Nitrobenzene-d5
Concen: 94.573 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

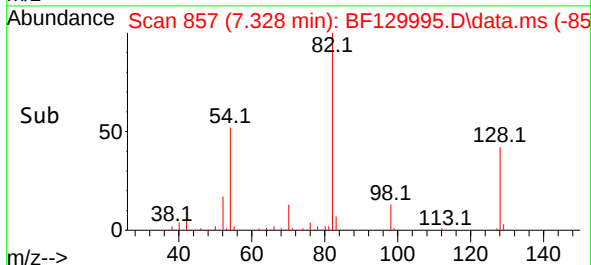
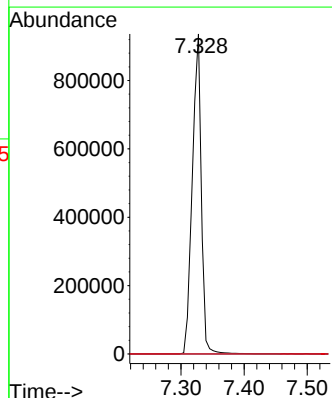
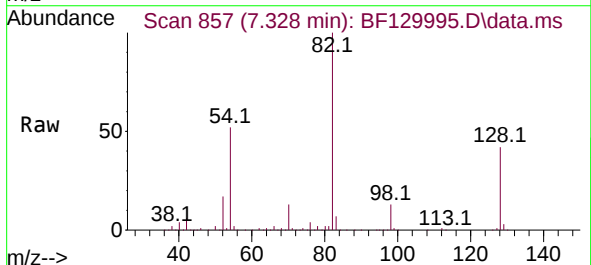
Instrument :
BNA_F
ClientSampleId :
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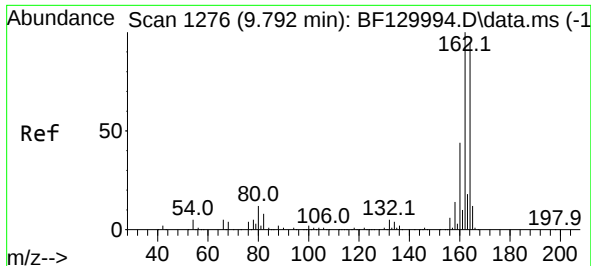
Tgt Ion: 82 Resp: 924112
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 51.7 40.0 60.0



#25
Isophorone
Concen: 54.947 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.259 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion: 82 Resp: 924105
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

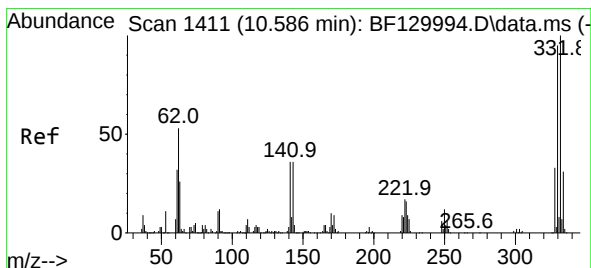
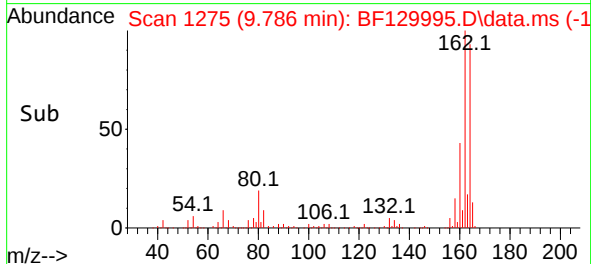
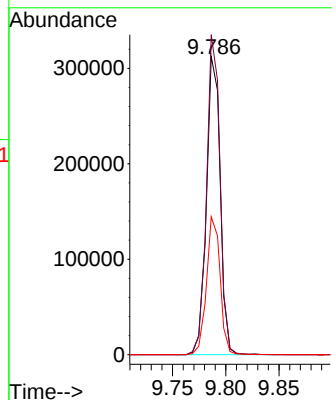
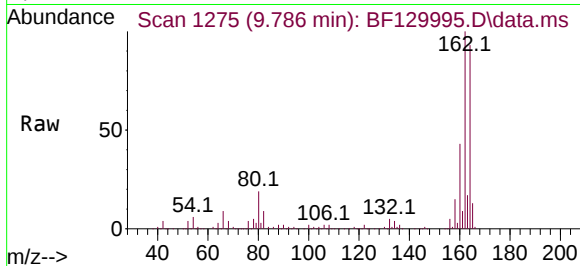




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

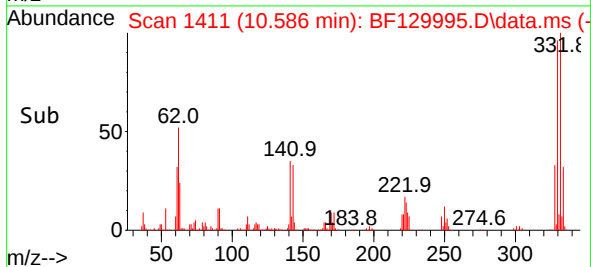
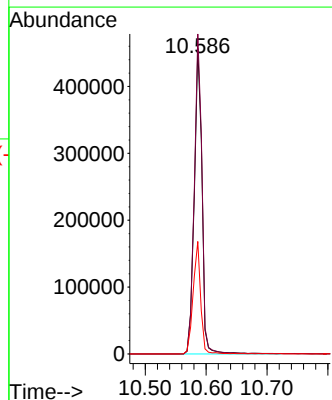
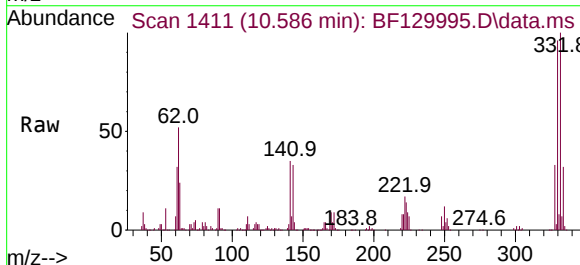
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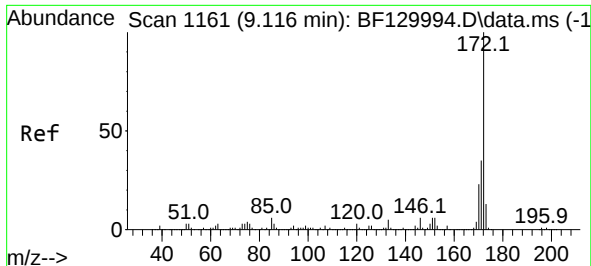
Tgt Ion:164 Resp: 281598
Ion Ratio Lower Upper
164 100
162 107.3 82.0 123.0
160 46.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 143.660 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion:330 Resp: 406019
Ion Ratio Lower Upper
330 100
332 104.1 82.6 124.0
141 36.0 27.6 41.4

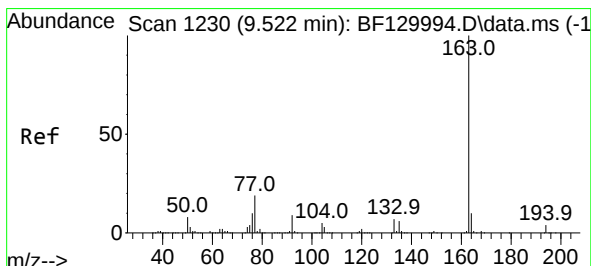
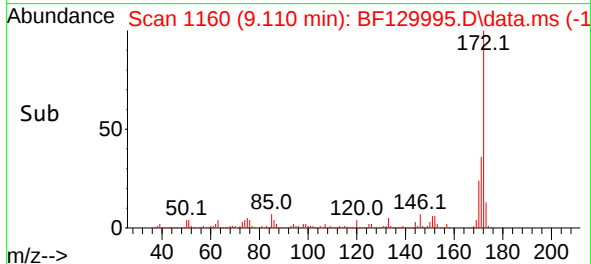
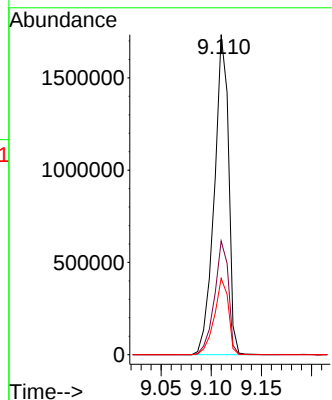
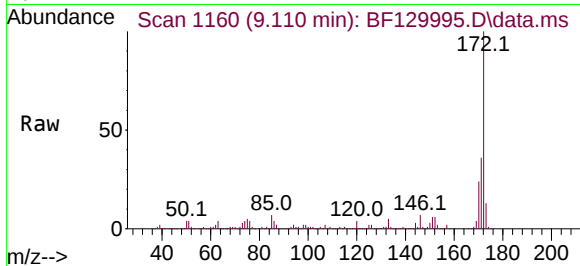




#45
2-Fluorobiphenyl
Concen: 92.318 ng
RT: 9.110 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

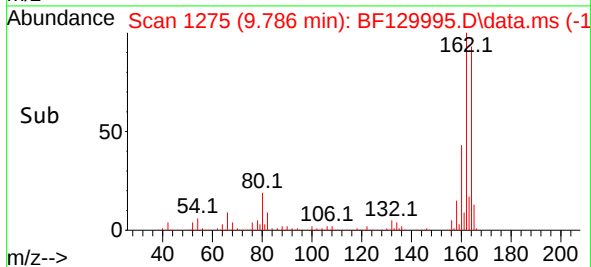
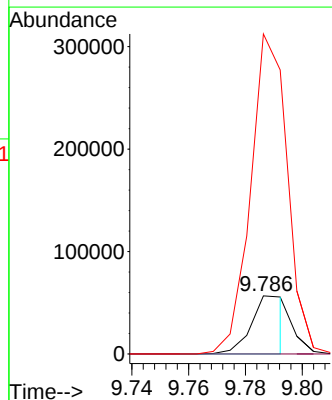
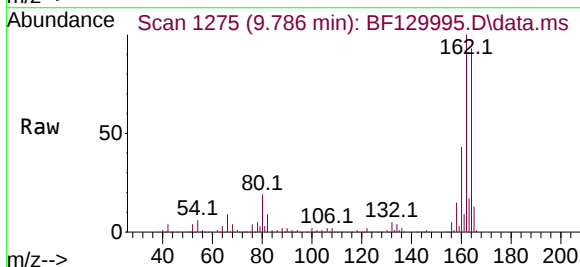
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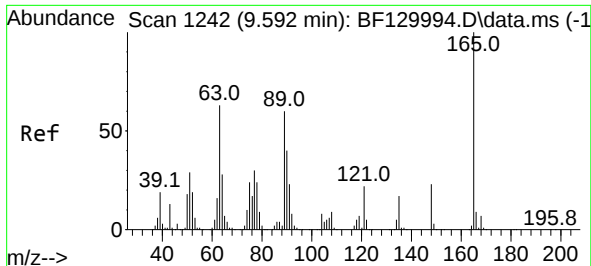
Tgt Ion:172 Resp: 1711652
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 2.353 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion:163 Resp: 47492
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 551.3 8.2 12.2#

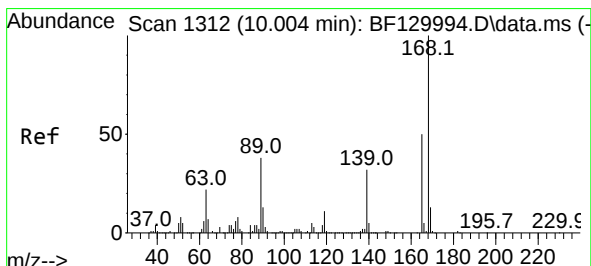
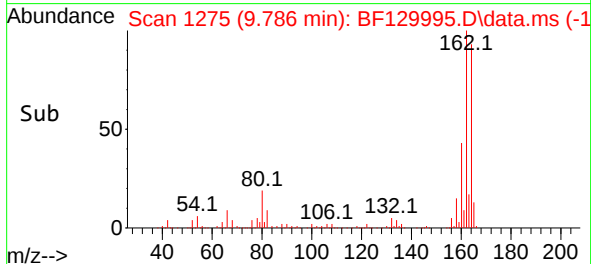
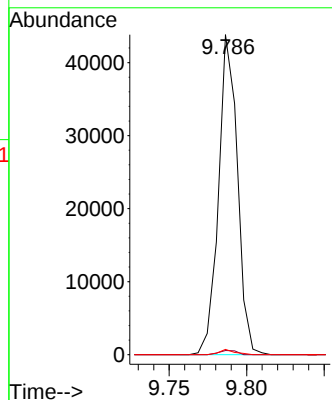
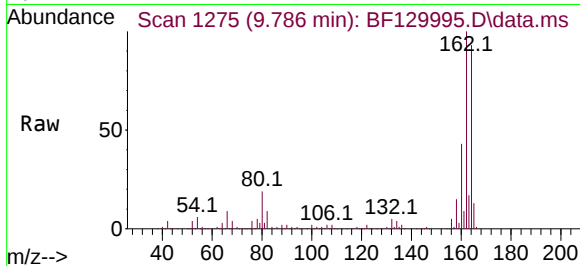




#51
2,6-Dinitrotoluene
Concen: 8.490 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.194 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

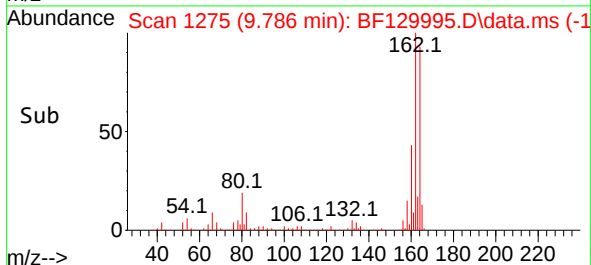
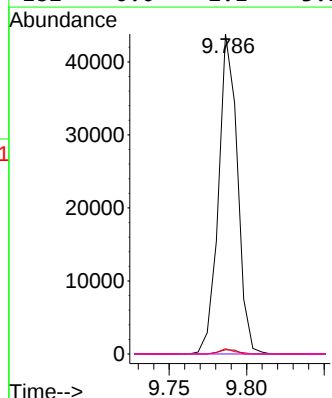
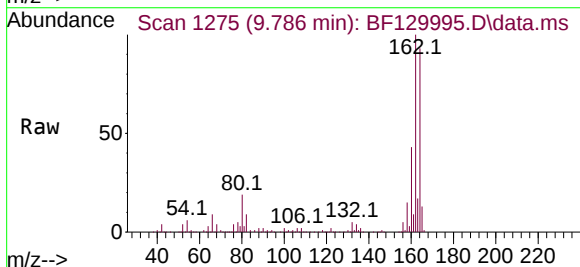
Instrument :
BNA_F
ClientSampleId :
PB147052BL

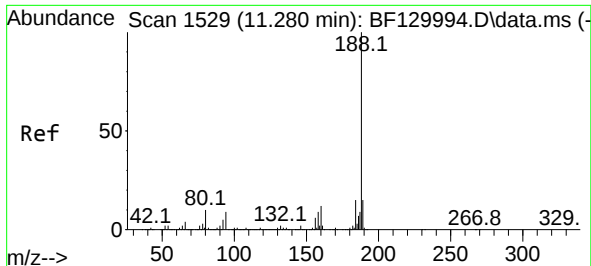
Tgt Ion:165 Resp: 37178
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.218 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion:165 Resp: 37178
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#

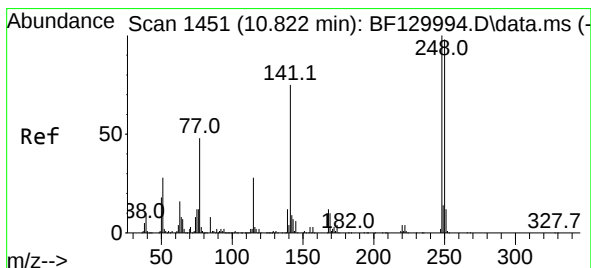
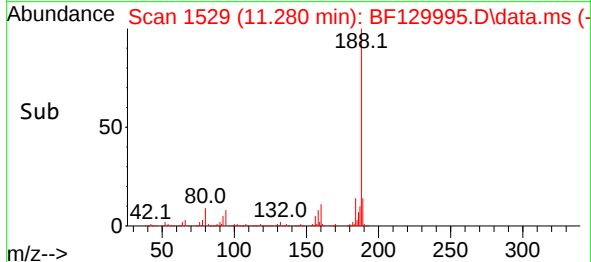
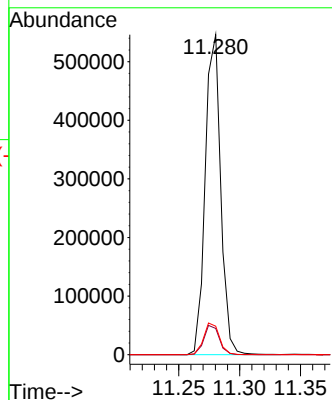
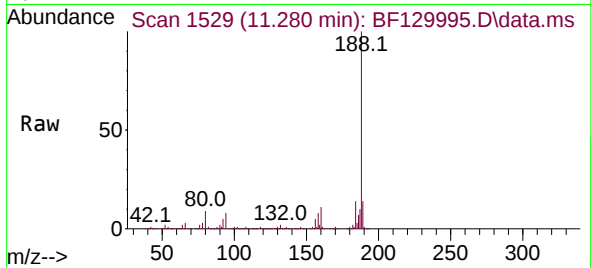




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

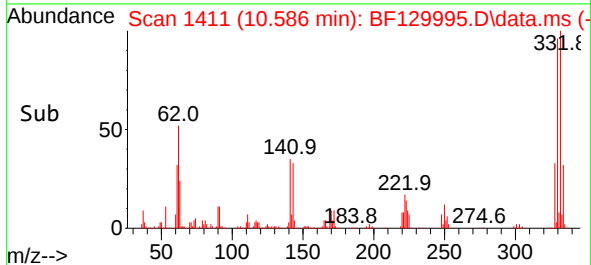
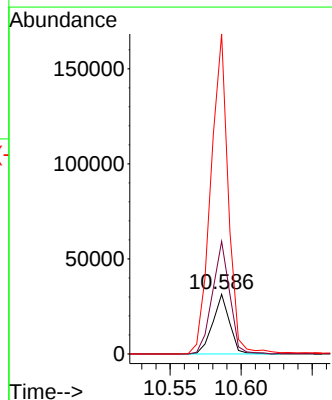
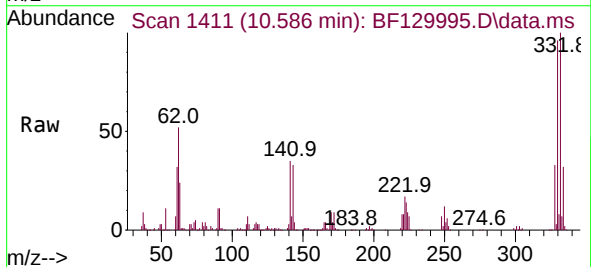
Instrument :
BNA_F
ClientSampleId :
PB147052BL

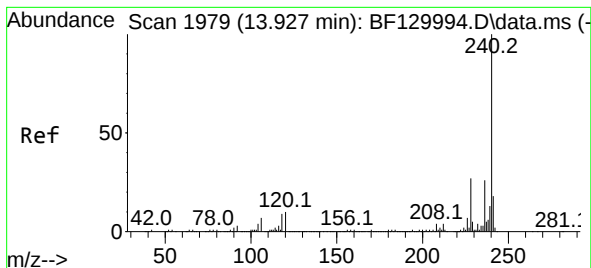
Tgt Ion:188 Resp: 482681
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.574 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.235 min
Lab File: BF129995.D
Acq: 25 Aug 2022 12:23

Tgt Ion:248 Resp: 25861
Ion Ratio Lower Upper
248 100
250 188.8 77.8 116.6#
141 536.1 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF129995.D

Acq: 25 Aug 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB147052BL

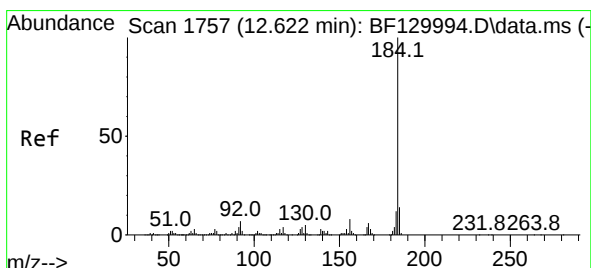
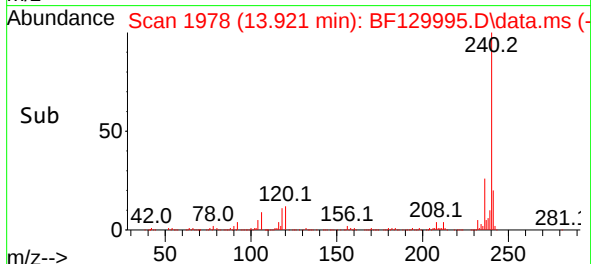
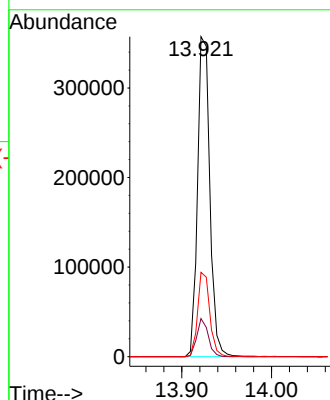
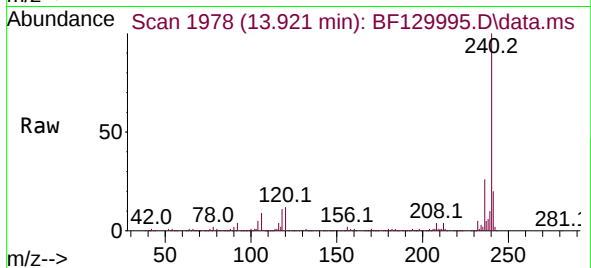
Tgt Ion:240 Resp: 341162

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.3 20.7 31.1



#77

Benzdine

Concen: Below Cal

RT: 12.627 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BF129995.D

Acq: 25 Aug 2022 12:23

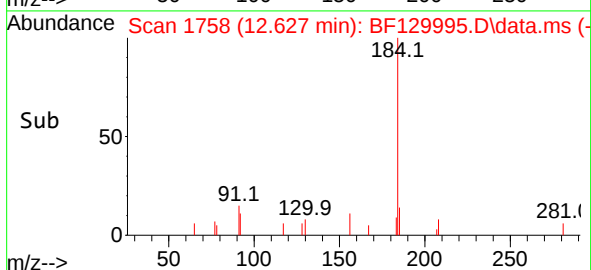
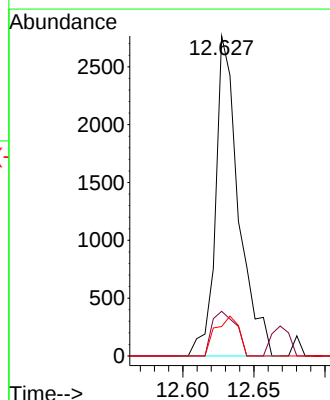
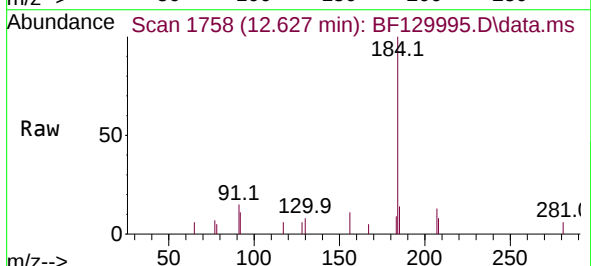
Tgt Ion:184 Resp: 3133

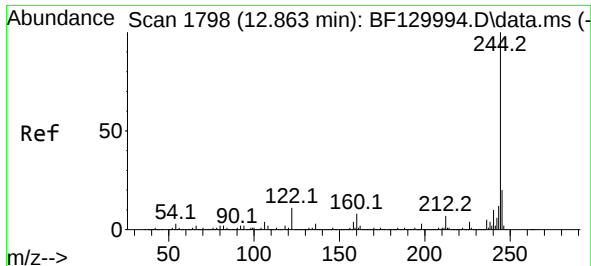
Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

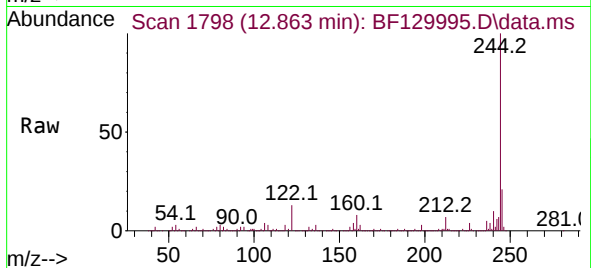
183 9.2 9.4 14.2#



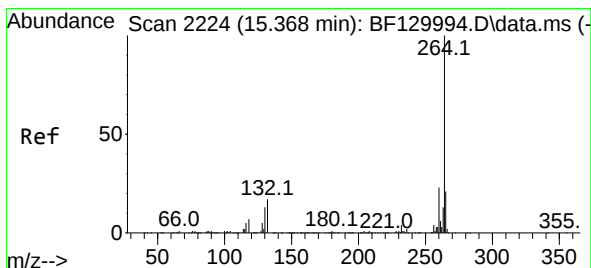
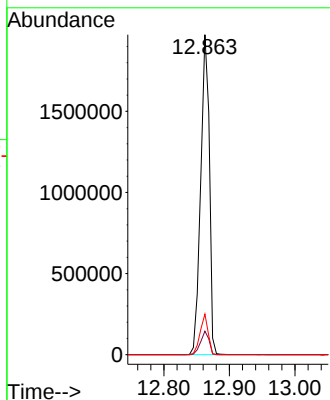
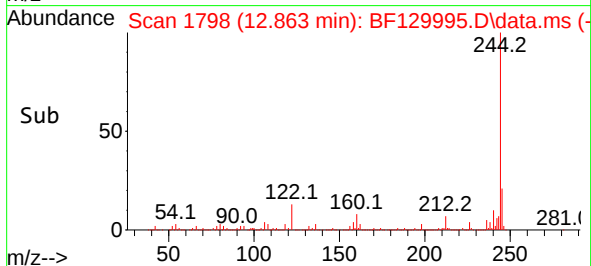


#79
 Terphenyl-d14
 Concen: 88.780 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129995.D
 Acq: 25 Aug 2022 12:23

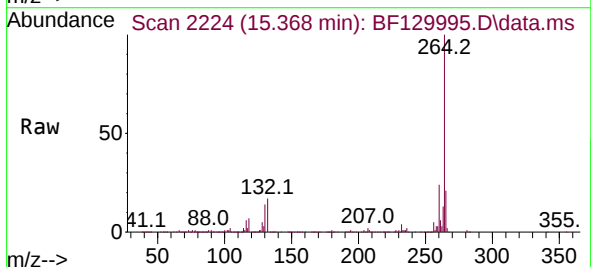
Instrument :
 BNA_F
 ClientSampleId :
 PB147052BL



Tgt Ion:244 Resp: 1820274
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.368 min Scan# 2224
 Delta R.T. -0.000 min
 Lab File: BF129995.D
 Acq: 25 Aug 2022 12:23



Tgt Ion:264 Resp: 260716
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.3 16.7 25.1

