

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129998.D
 Acq On : 25 Aug 2022 14:26
 Operator : CG\JU
 Sample : N4353-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-COMP-2

Quant Time: Aug 25 15:28:59 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)

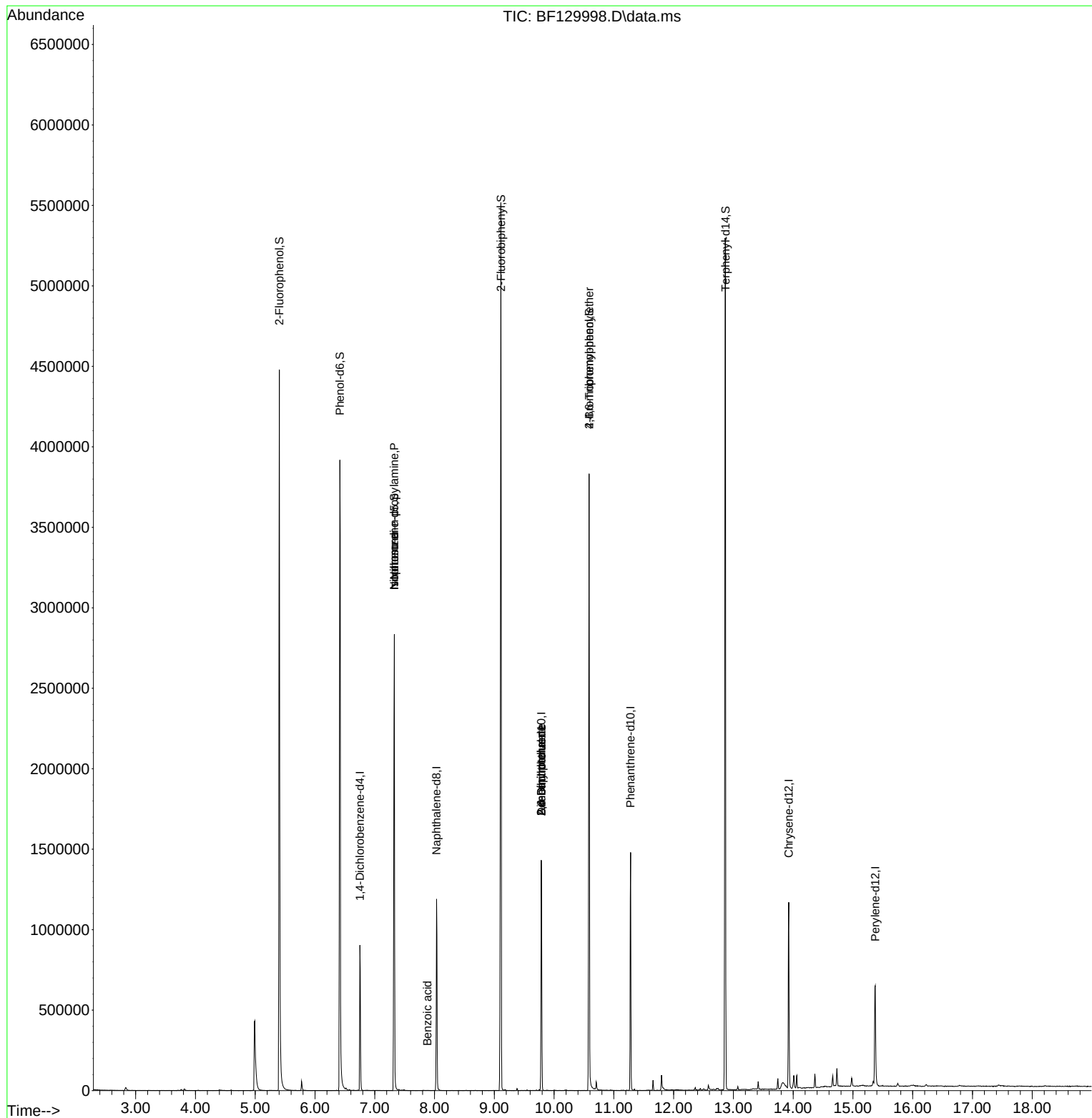
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	131953	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	536505	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	286799	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	504246	20.000	ng	0.00
76) Chrysene-d12	13.927	240	386154	20.000	ng	0.00
86) Perylene-d12	15.374	264	294168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1171646	147.014	ng	0.01
7) Phenol-d6	6.416	99	1479324	148.226	ng	0.00
23) Nitrobenzene-d5	7.328	82	955905	95.379	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	438427	152.313	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1714463	90.793	ng	0.00
79) Terphenyl-d14	12.868	244	1955650	84.269	ng	0.00
Target Compounds						
9) Benzaldehyde	6.416	77	2354	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propyla...	7.328	70	130232	20.644 ng	#	78
25) Isophorone	7.328	82	955897	55.415 ng	#	65
32) Benzoic acid	7.881	122	233	2.245 ng	#	29
50) Dimethylphthalate	9.786	163	47611	2.316 ng	#	1
51) 2,6-Dinitrotoluene	9.786	165	37588	8.428 ng	#	23
57) 2,4-Dinitrotoluene	9.786	165	37588	6.492 ng	#	18
67) 4-Bromophenyl-phenylether	10.586	248	26638	4.510 ng	#	1
77) Benzidine	12.645	184	1137	Below Cal	#	67

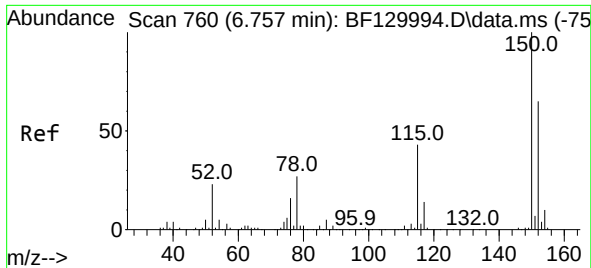
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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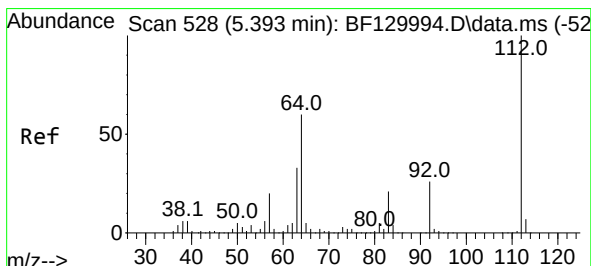
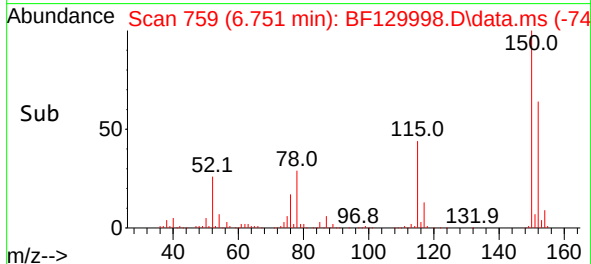
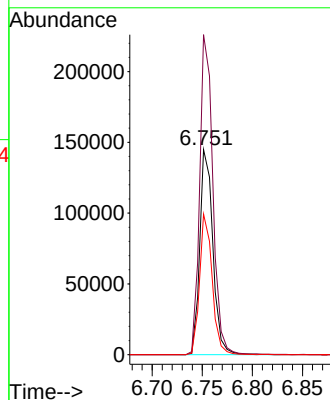
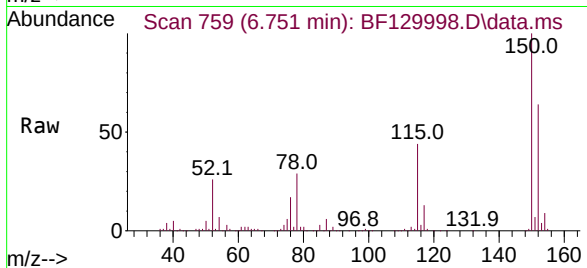




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

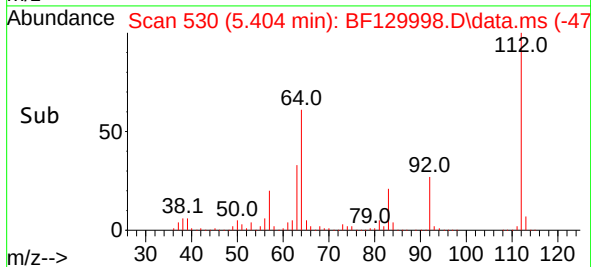
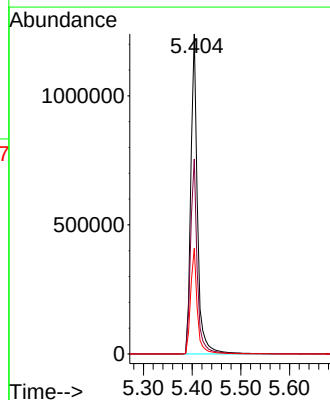
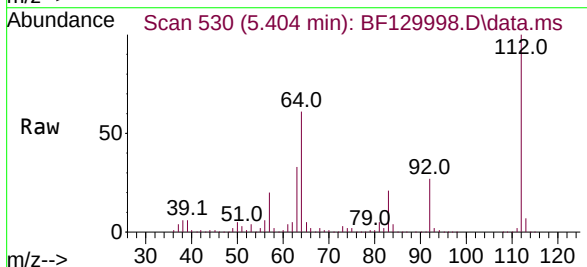
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

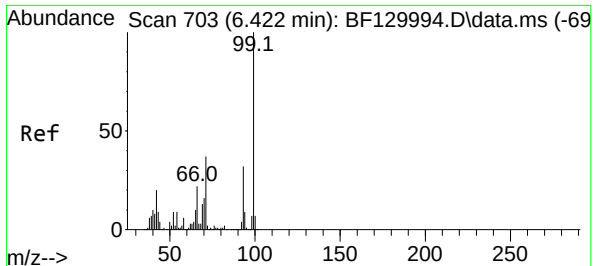
Tgt Ion:152 Resp: 131953
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 68.5 53.4 80.0



#5
2-Fluorophenol
Concen: 147.014 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.012 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:112 Resp: 1171646
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 33.0 24.6 37.0

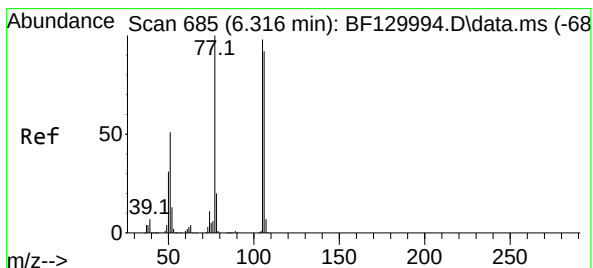
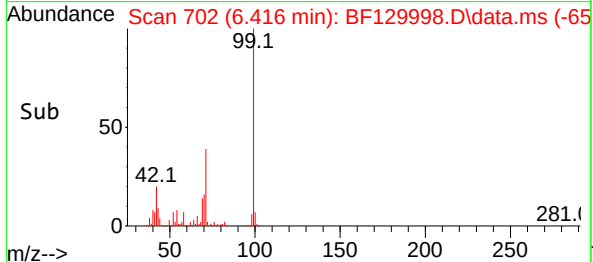
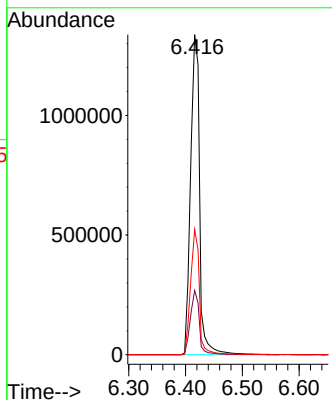
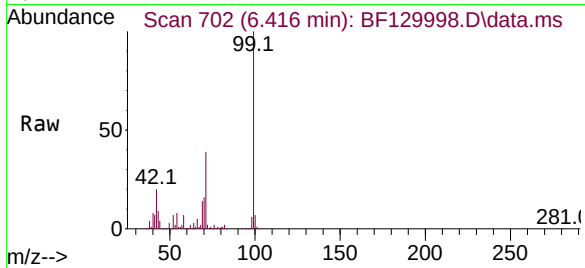




#7
Phenol-d6
Concen: 148.226 ng
RT: 6.416 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

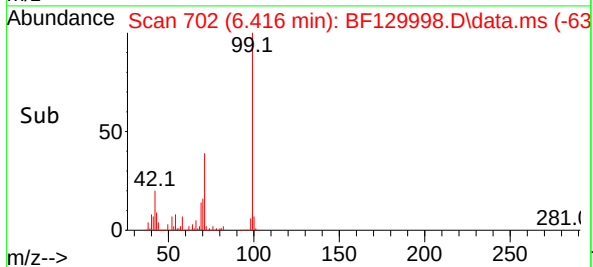
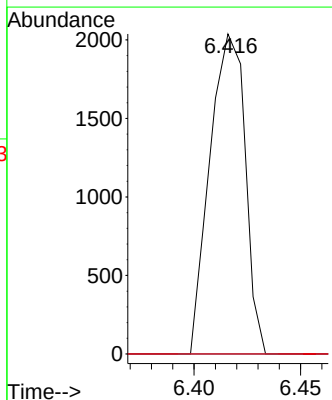
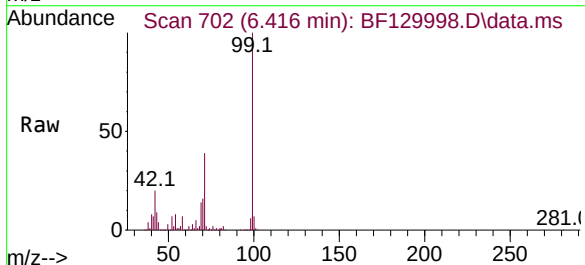
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

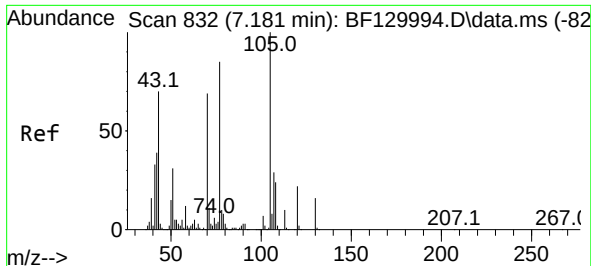
Tgt Ion: 99 Resp: 1479324
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 39.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 702
Delta R.T. 0.100 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion: 77 Resp: 2354
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

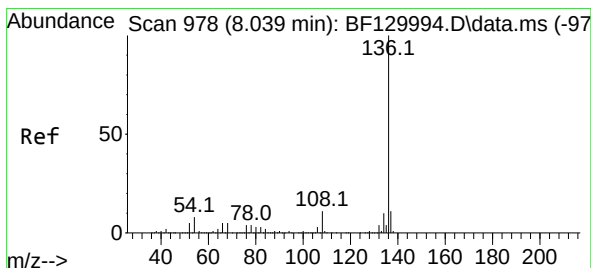
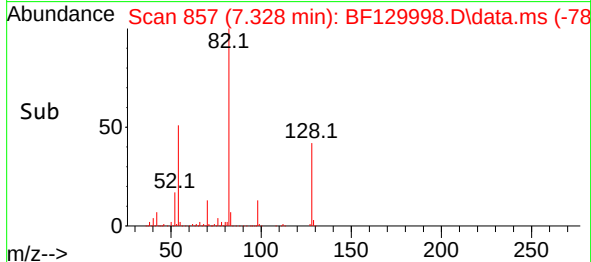
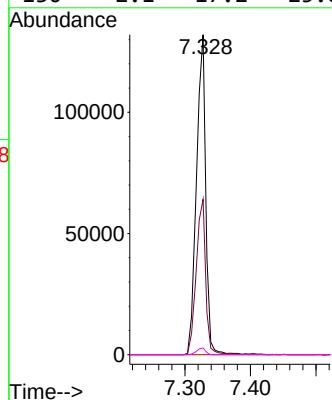
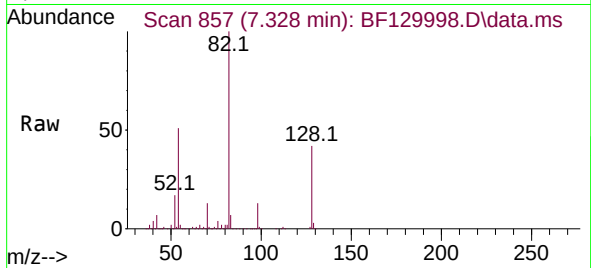




#19
n-Nitroso-di-n-propylamine
Concen: 20.644 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

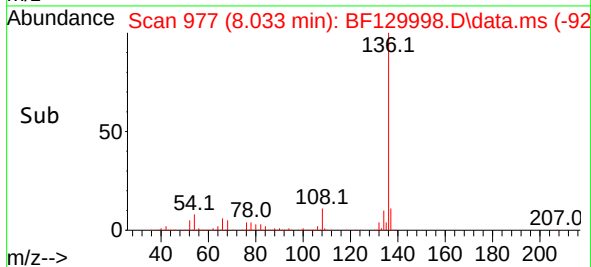
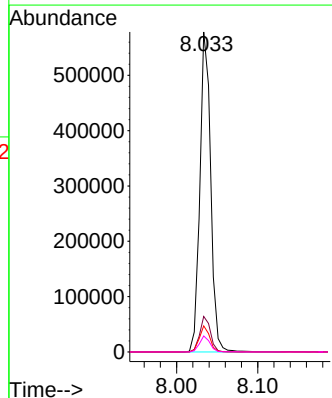
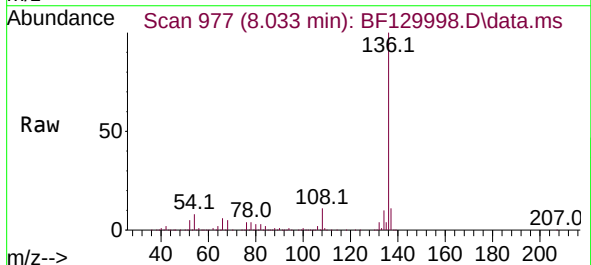
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

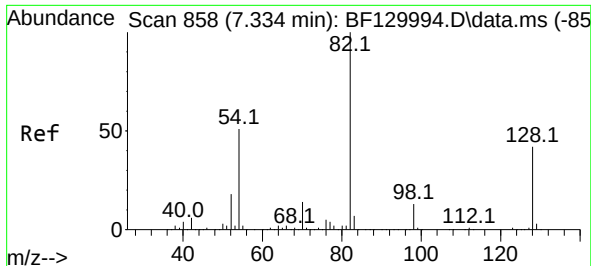
Tgt Ion: 70 Resp: 130232
Ion Ratio Lower Upper
70 100
42 48.6 47.6 71.4
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:136 Resp: 536505
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 95.379 ng

RT: 7.328 min Scan# 857

Delta R.T. -0.006 min

Lab File: BF129998.D

Acq: 25 Aug 2022 14:26

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2

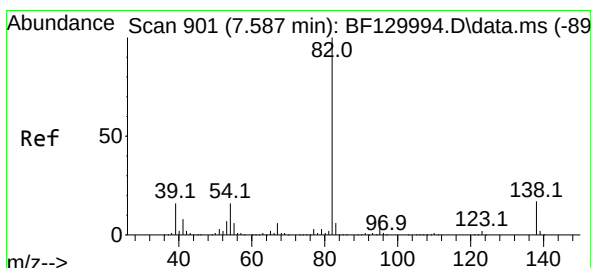
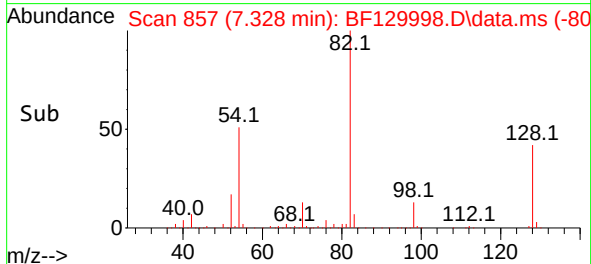
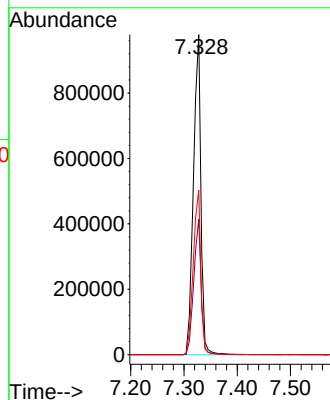
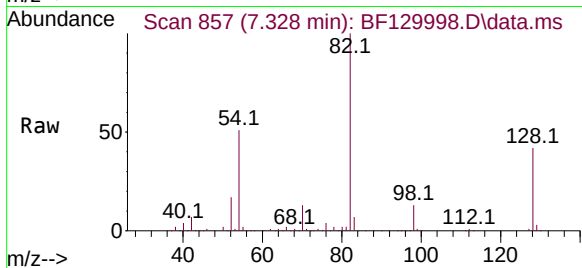
Tgt Ion: 82 Resp: 955905

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

54 51.3 40.0 60.0



#25

Isophorone

Concen: 55.415 ng

RT: 7.328 min Scan# 857

Delta R.T. -0.259 min

Lab File: BF129998.D

Acq: 25 Aug 2022 14:26

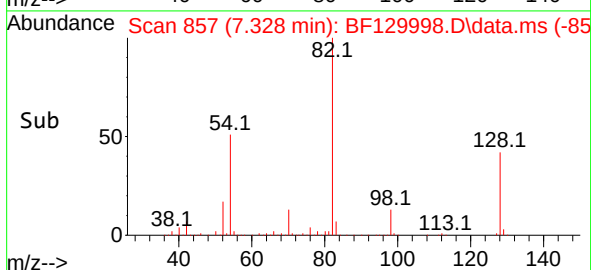
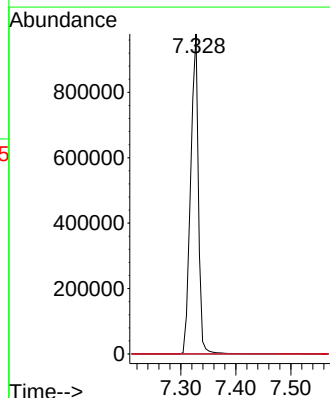
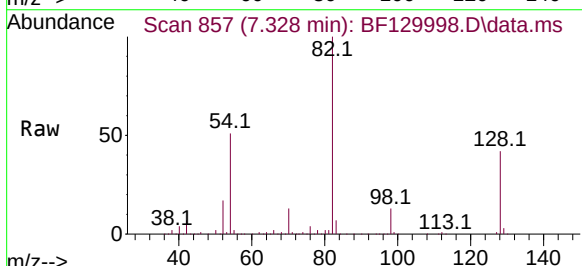
Tgt Ion: 82 Resp: 955897

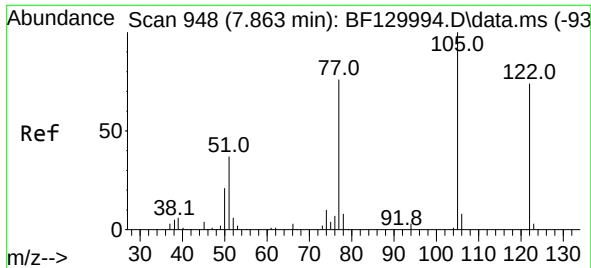
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

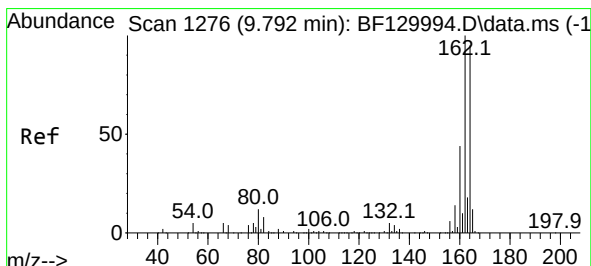
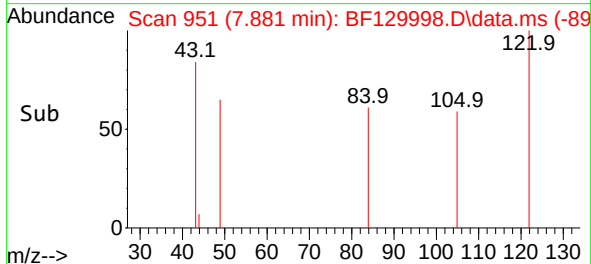
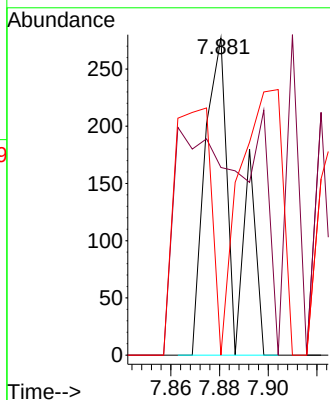
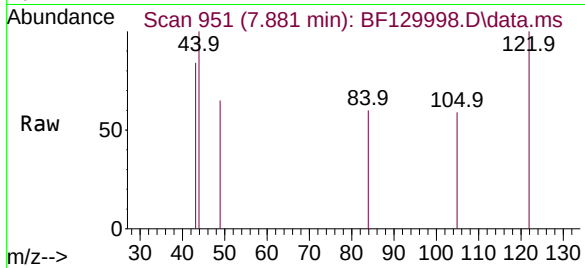




#32
Benzoic acid
Concen: 2.245 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

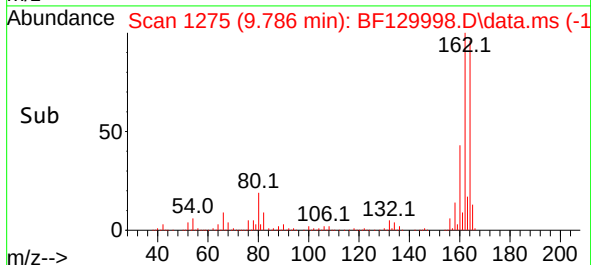
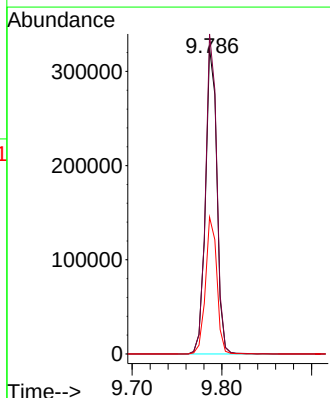
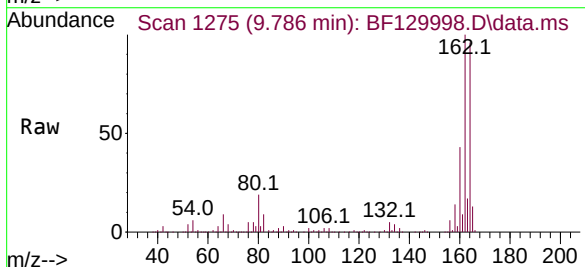
Instrument :
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3-4-COMP-2

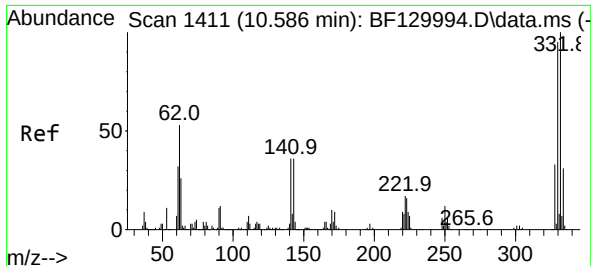
Tgt Ion:122 Resp: 233
Ion Ratio Lower Upper
122 100
105 59.2 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:164 Resp: 286799
Ion Ratio Lower Upper
164 100
162 104.5 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 152.313 ng

RT: 10.586 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF129998.D

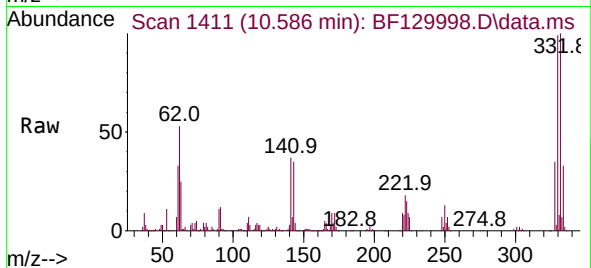
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Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2



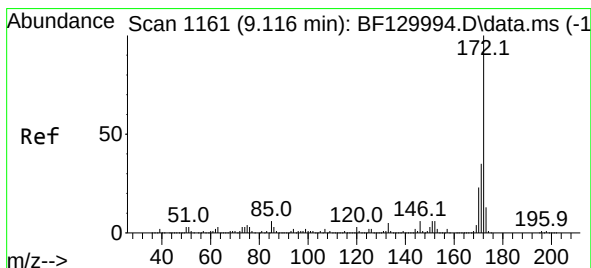
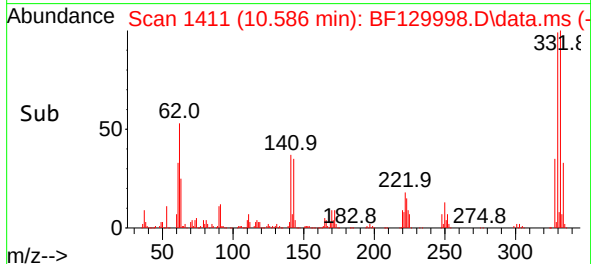
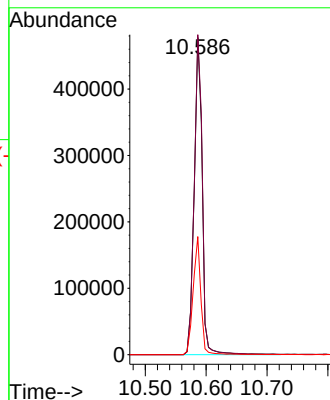
Tgt Ion:330 Resp: 438427

Ion Ratio Lower Upper

330 100

332 101.5 82.6 124.0

141 36.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.793 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF129998.D

Acq: 25 Aug 2022 14:26

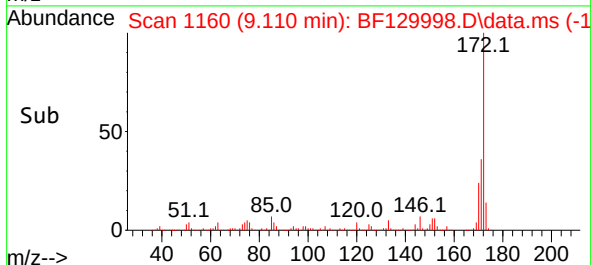
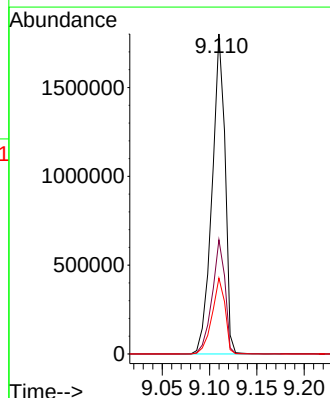
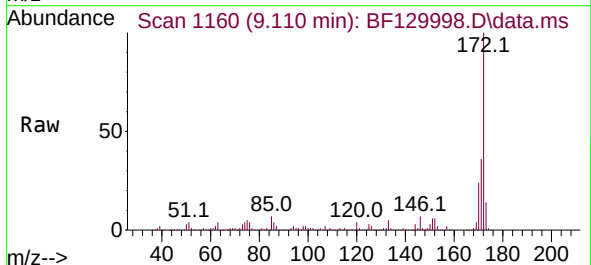
Tgt Ion:172 Resp: 1714463

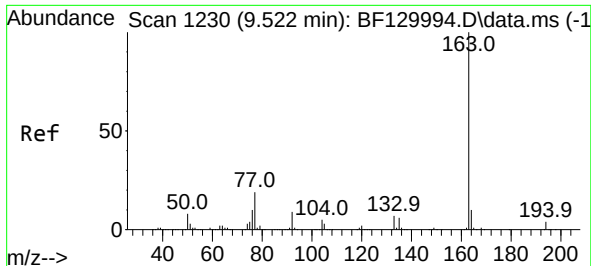
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.1 28.7

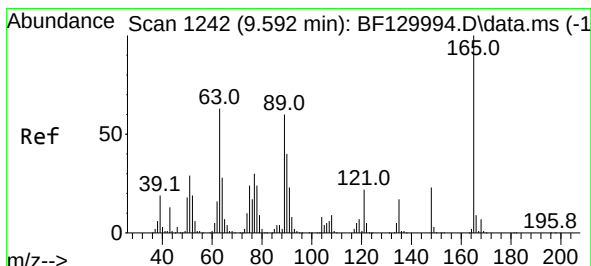
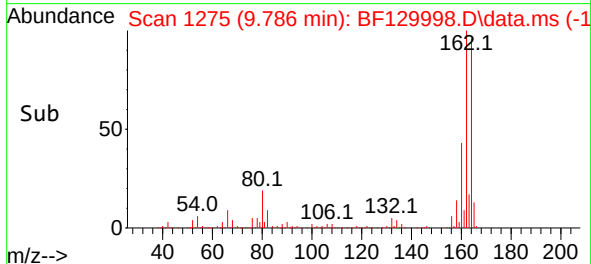
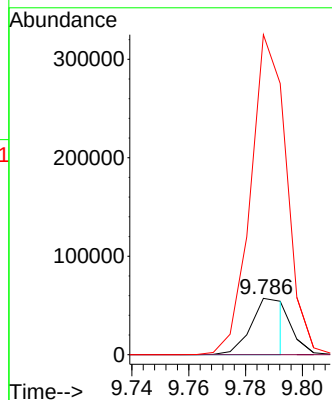
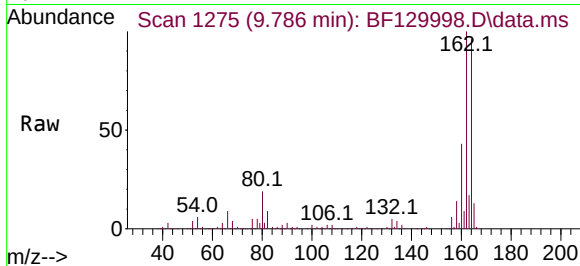




#50
Dimethylphthalate
Concen: 2.316 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

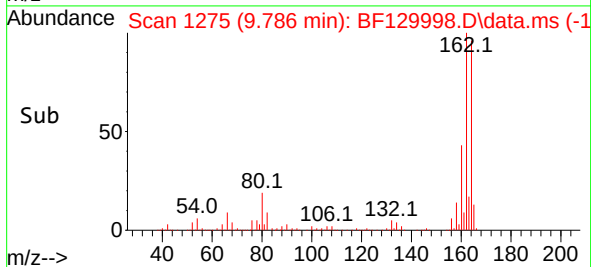
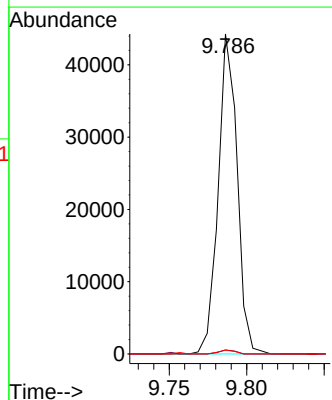
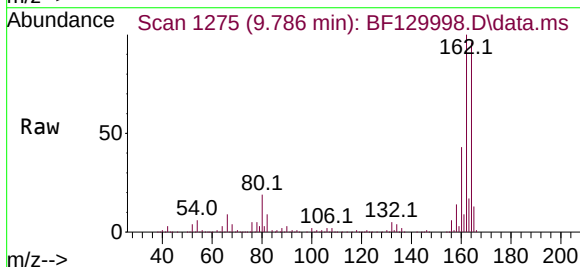
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

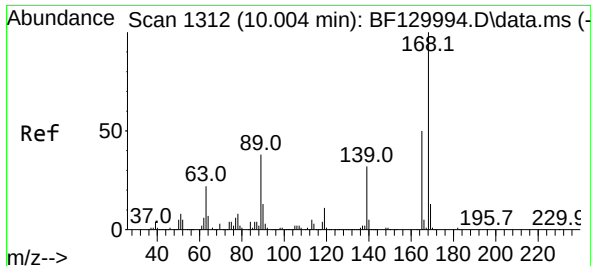
Tgt Ion:163 Resp: 47611
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 568.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.194 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:165 Resp: 37588
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.2 47.2 70.8#

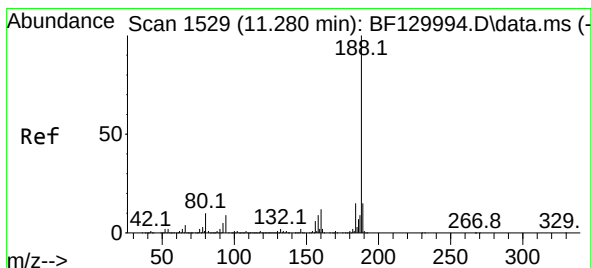
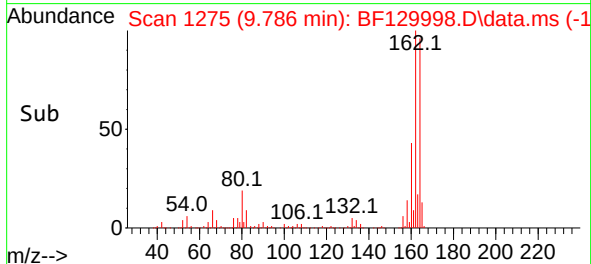
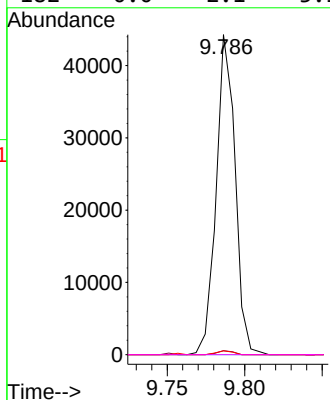
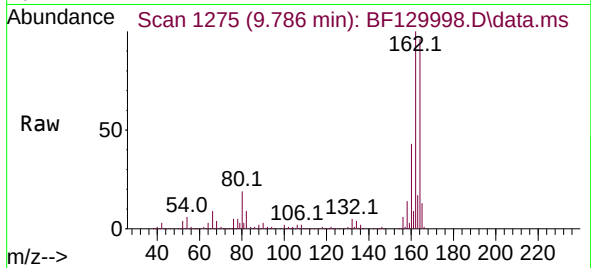




#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

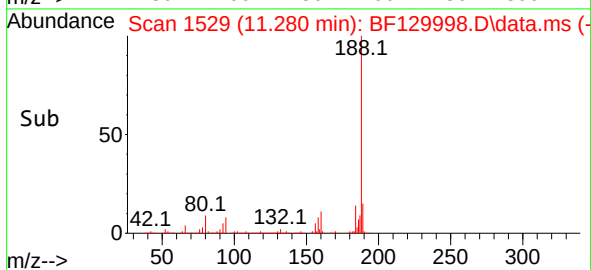
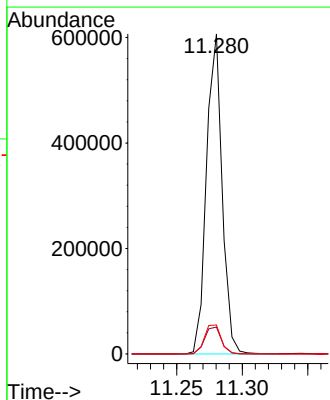
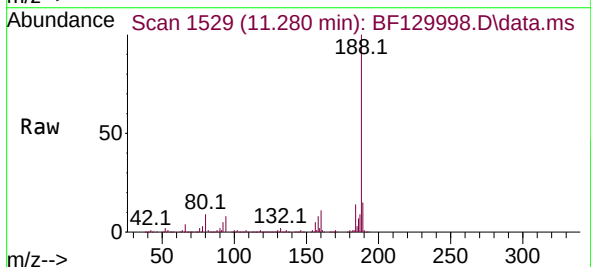
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

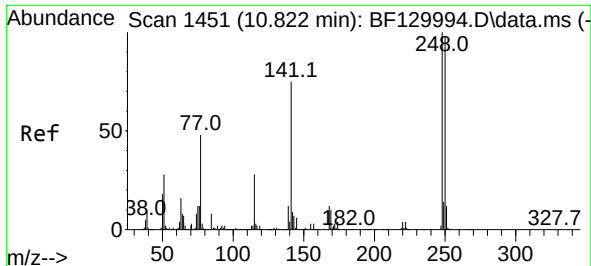
Tgt Ion:165 Resp: 37588
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:188 Resp: 504246
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.0 7.9 11.9

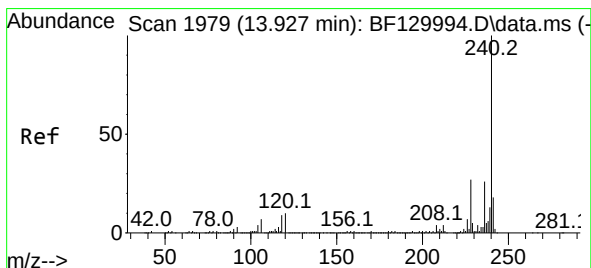
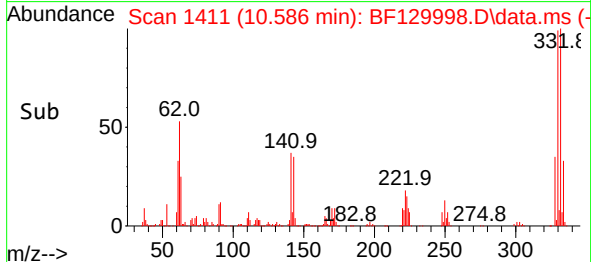
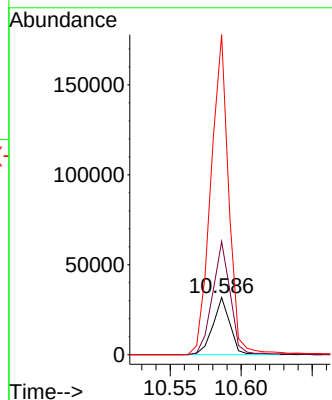
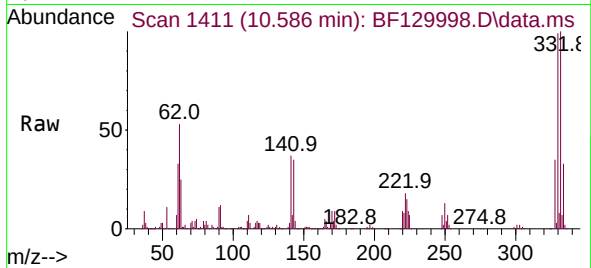




#67
4-Bromophenyl-phenylether
Concen: 4.510 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.235 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

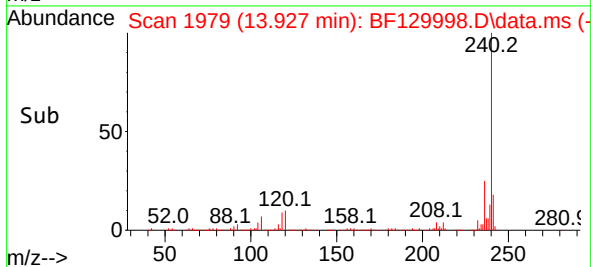
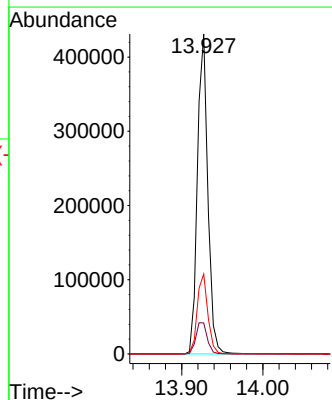
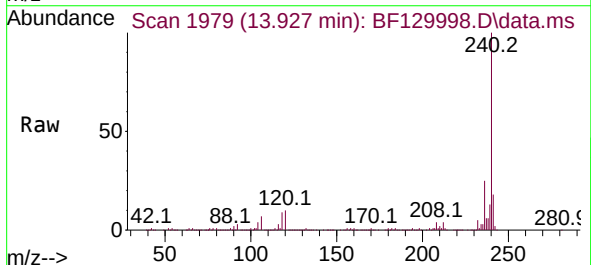
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

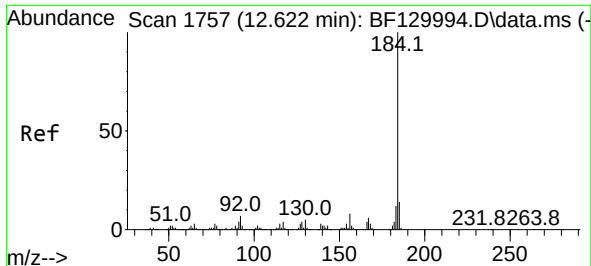
Tgt Ion:248 Resp: 26638
Ion Ratio Lower Upper
248 100
250 198.2 77.8 116.6#
141 560.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:240 Resp: 386154
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.0 20.7 31.1

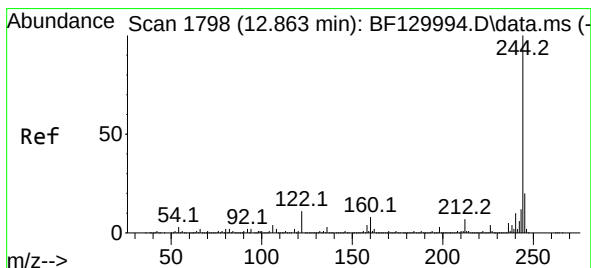
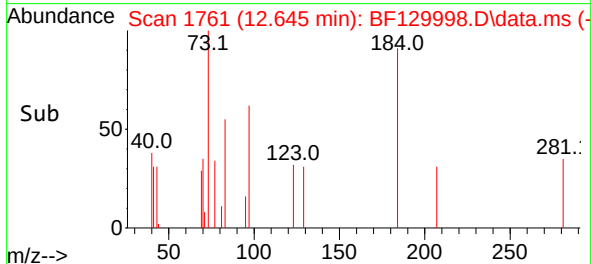
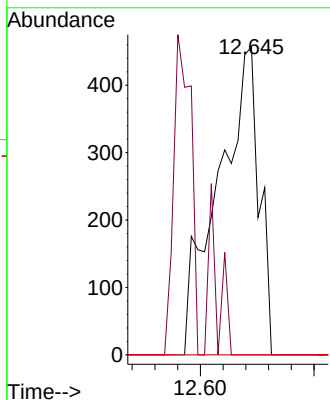
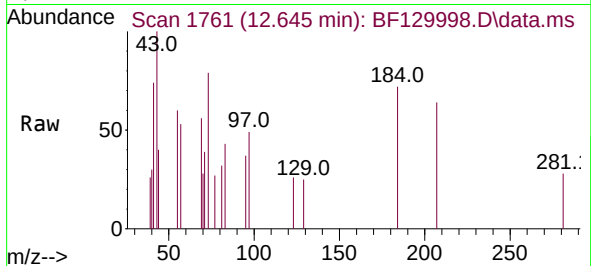




#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1761
Delta R.T. 0.023 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

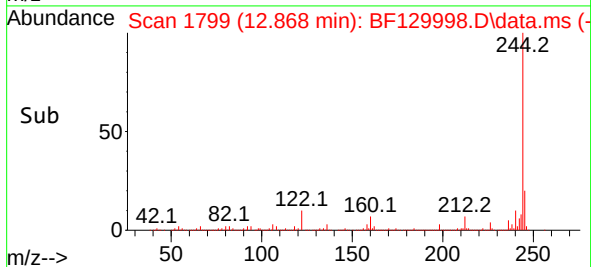
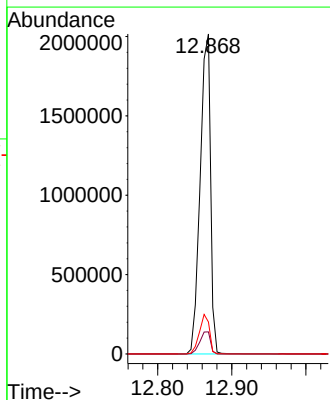
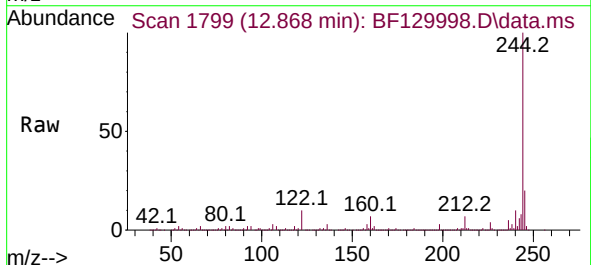
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2

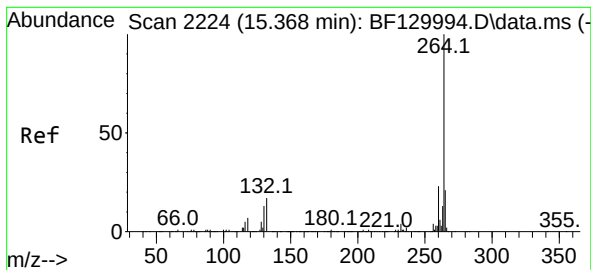
Tgt Ion:184 Resp: 1137
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.269 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BF129998.D
Acq: 25 Aug 2022 14:26

Tgt Ion:244 Resp: 1955650
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129998.D

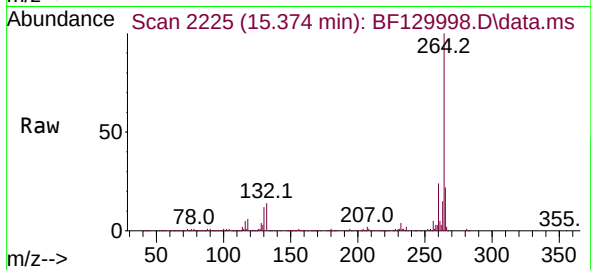
Acq: 25 Aug 2022 14:26

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2



Tgt Ion:264 Resp: 294168

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.7 16.7 25.1

