

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129990.D
 Acq On : 25 Aug 2022 01:38
 Operator : CG\JU
 Sample : N4264-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U-3

Quant Time: Aug 25 04:19:20 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)

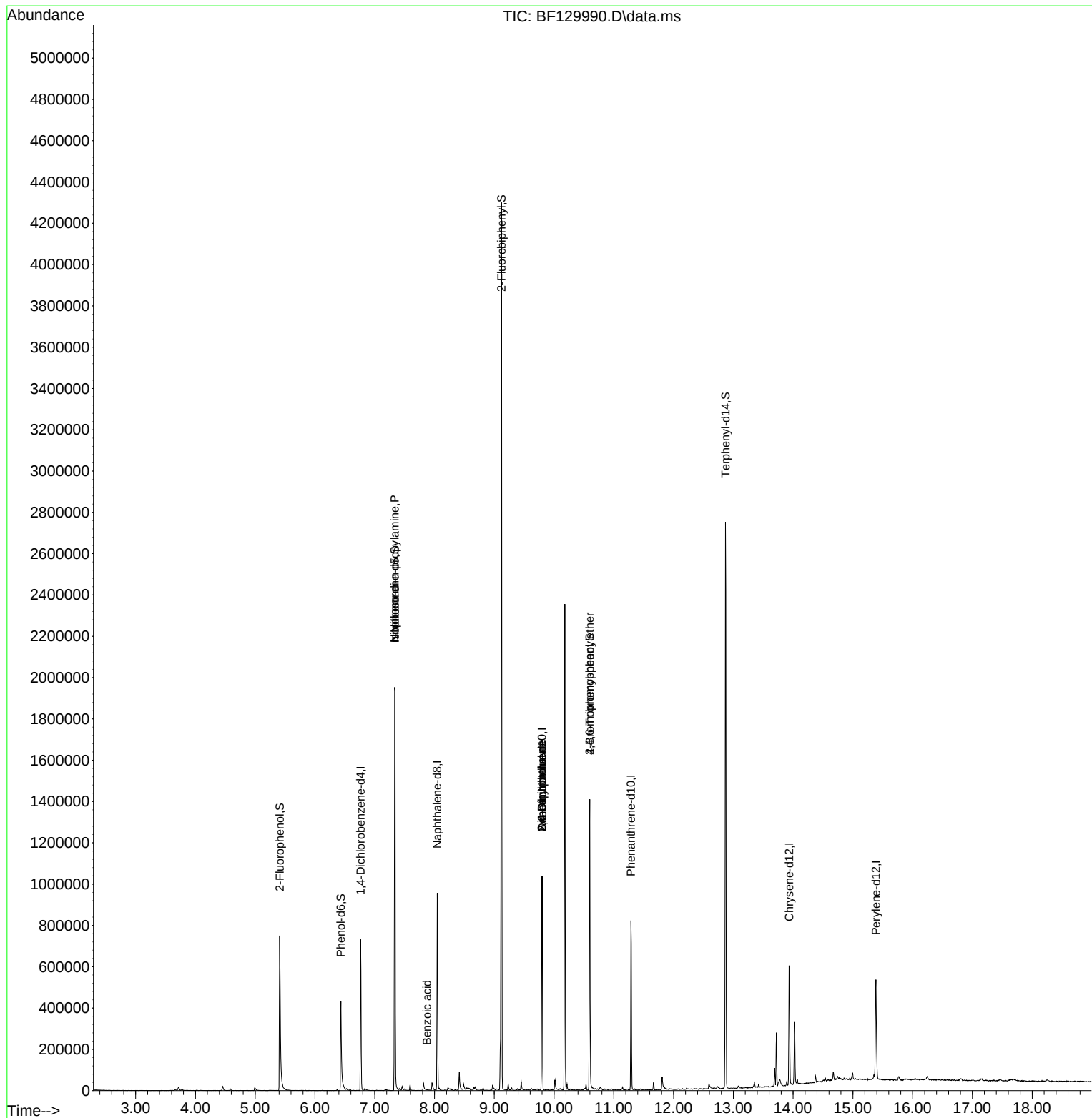
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101670	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	391180	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	188945	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	286699	20.000	ng	0.00
76) Chrysene-d12	13.933	240	188553	20.000	ng	0.00
86) Perylene-d12	15.386	264	216459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	243681	39.684	ng	0.00
7) Phenol-d6	6.434	99	179594	23.355	ng	0.00
23) Nitrobenzene-d5	7.334	82	656661	89.862	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	150654	79.444	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1132680	91.049	ng	0.00
79) Terphenyl-d14	12.869	244	905845	79.939	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	402	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.334	70	89877	18.491	ng	# 78
25) Isophorone	7.334	82	656741	52.217	ng	# 65
32) Benzoic acid	7.875	122	710	2.551	ng	# 85
50) Dimethylphthalate	9.798	163	33103	2.444	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	24834	8.452	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	24834	6.511	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	9977	2.971	ng	# 1
77) Benzidine	12.869	184	13494	Below Cal	#	93

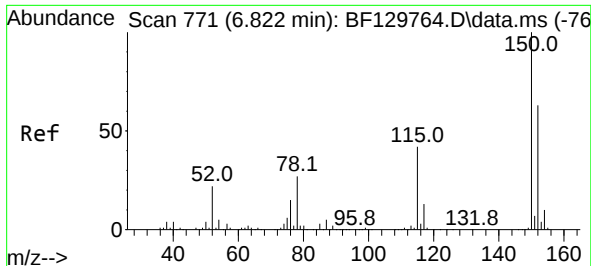
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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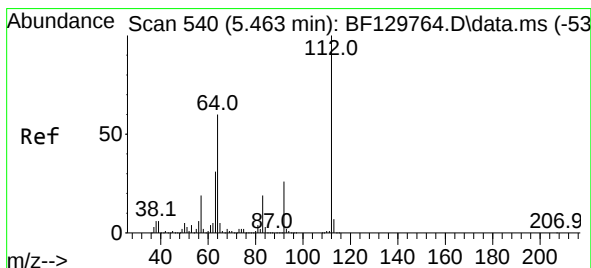
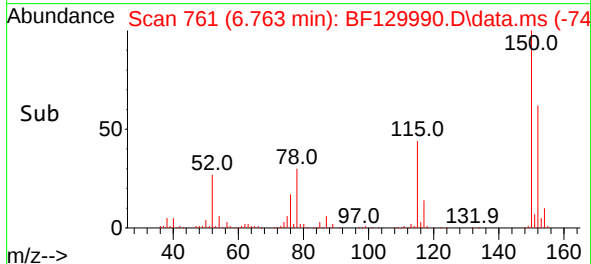
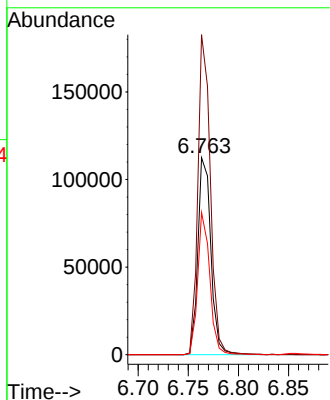
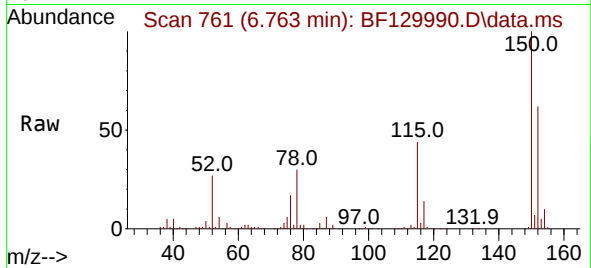




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

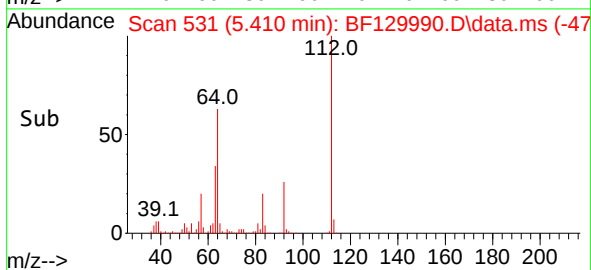
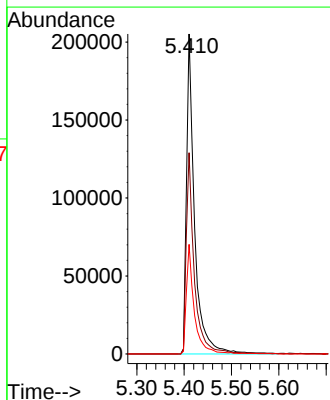
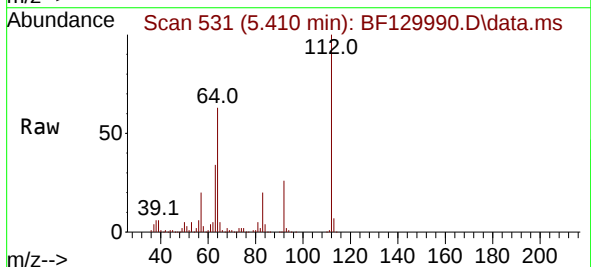
Instrument :
BNA_F
ClientSampleId :
U-3

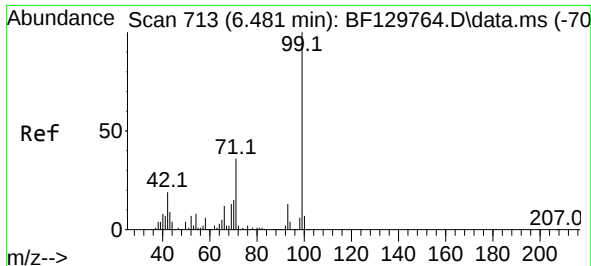
Tgt Ion:152 Resp: 101670
Ion Ratio Lower Upper
152 100
150 162.5 126.9 190.3
115 72.2 53.4 80.0



#5
2-Fluorophenol
Concen: 39.684 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:112 Resp: 243681
Ion Ratio Lower Upper
112 100
64 62.9 47.6 71.4
63 34.2 24.6 37.0

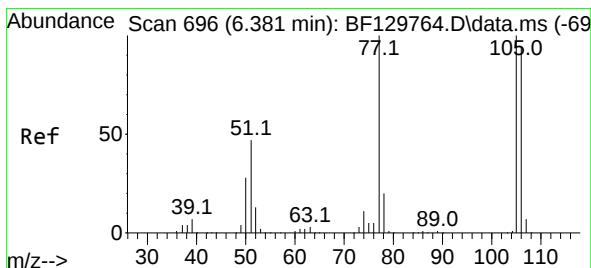
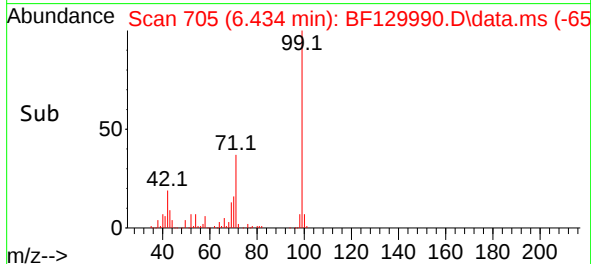
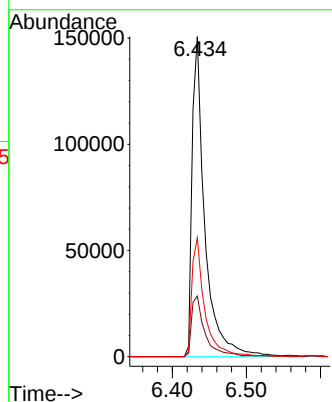
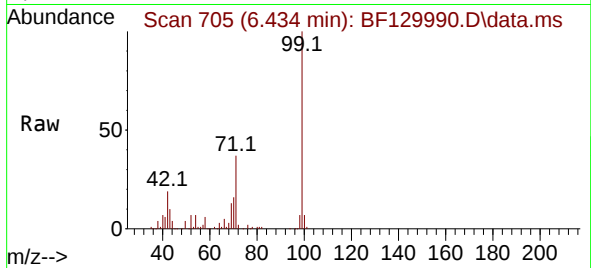




#7
Phenol-d6
Concen: 23.355 ng
RT: 6.434 min Scan# 704
Delta R.T. 0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

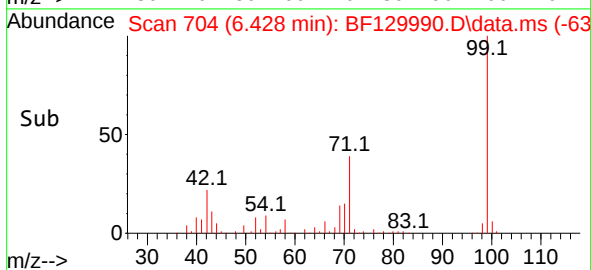
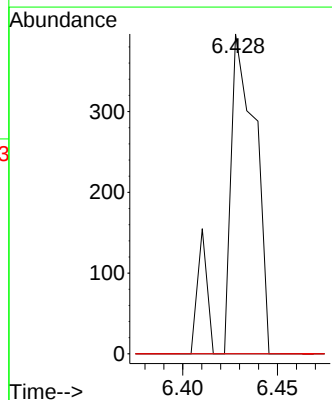
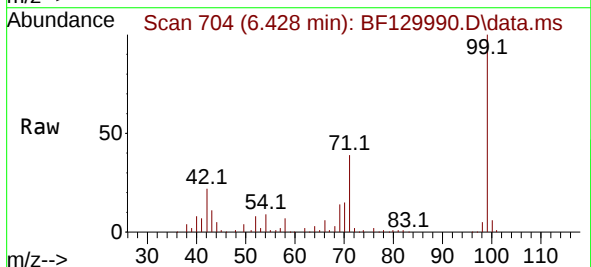
Instrument :
BNA_F
ClientSampleId :
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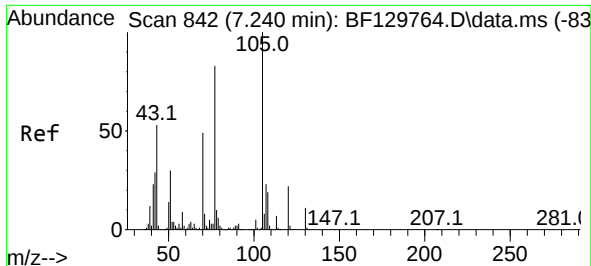
Tgt Ion: 99 Resp: 179594
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion: 77 Resp: 402
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

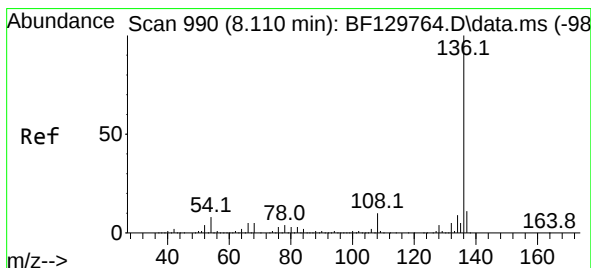
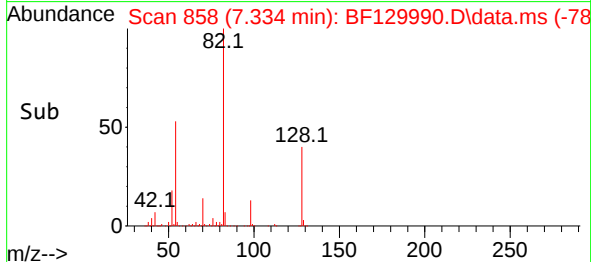
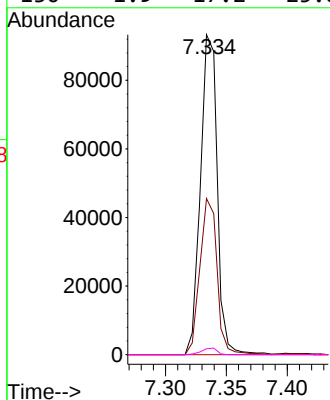
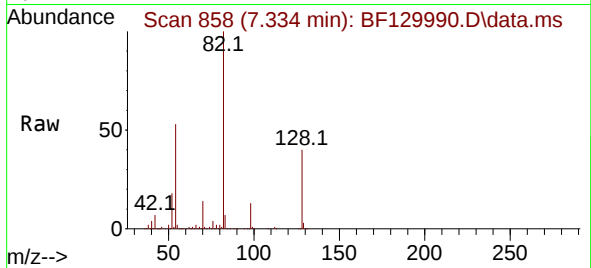




#19
n-Nitroso-di-n-propylamine
Concen: 18.491 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

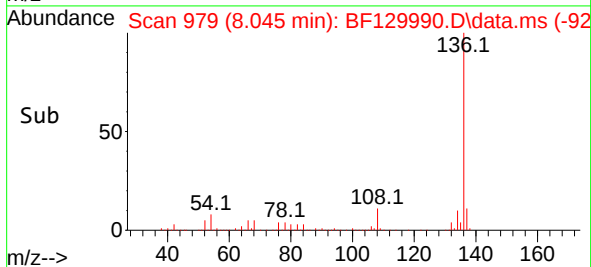
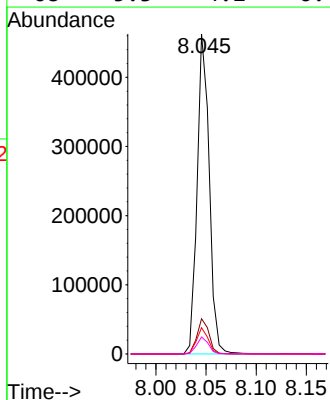
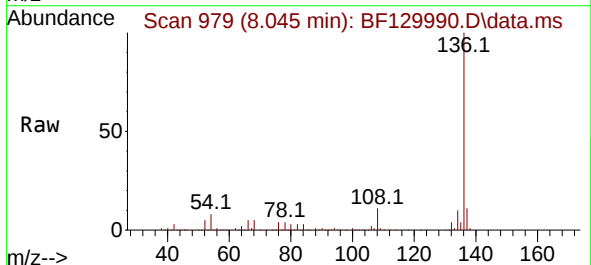
Instrument :
BNA_F
ClientSampleId :
U-3

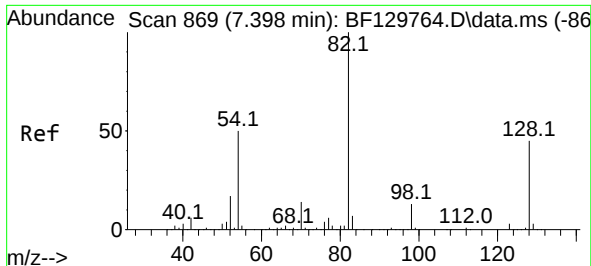
Tgt Ion: 70 Resp: 89877
Ion Ratio Lower Upper
70 100
42 48.8 47.6 71.4
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion: 136 Resp: 391180
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.3 4.2 6.4

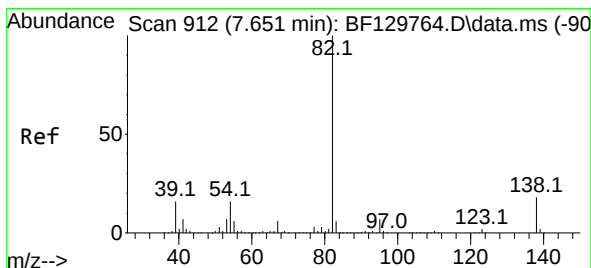
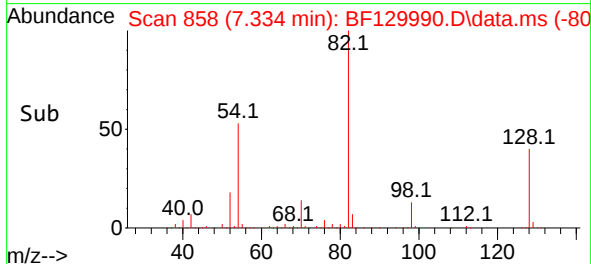
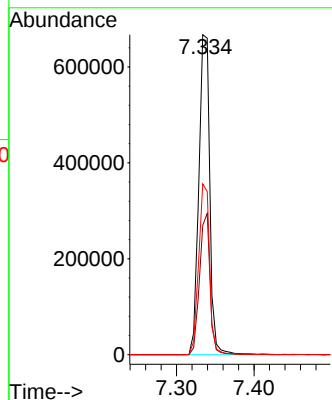
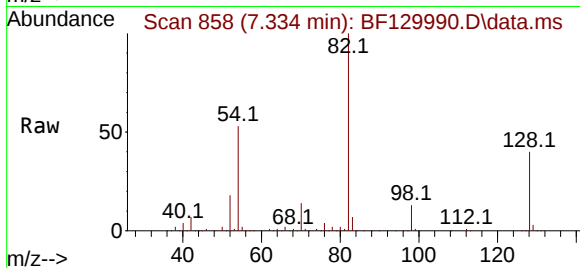




#23
Nitrobenzene-d5
Concen: 89.862 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

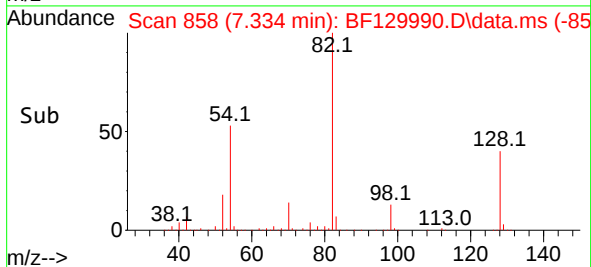
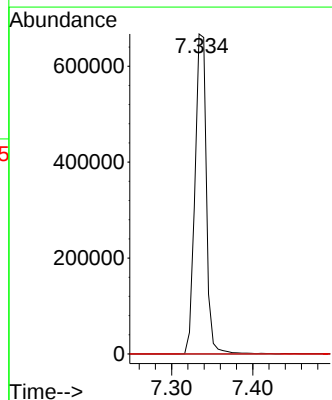
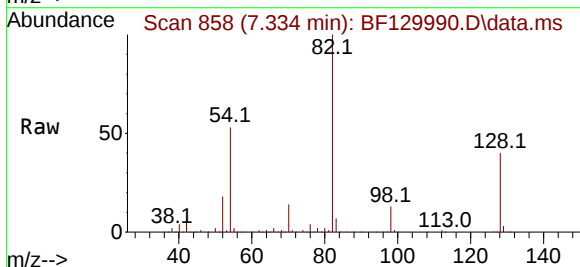
Instrument :
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ClientSampleId :
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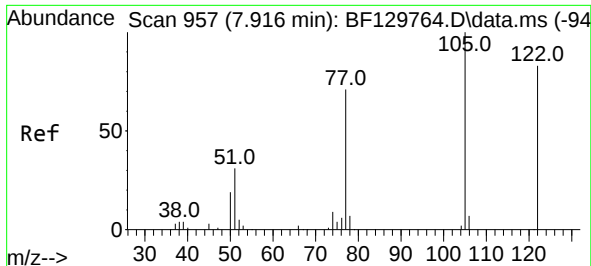
Tgt Ion: 82 Resp: 656661
Ion Ratio Lower Upper
82 100
128 40.5 36.1 54.1
54 53.3 40.0 60.0



#25
Isophorone
Concen: 52.217 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.265 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion: 82 Resp: 656741
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

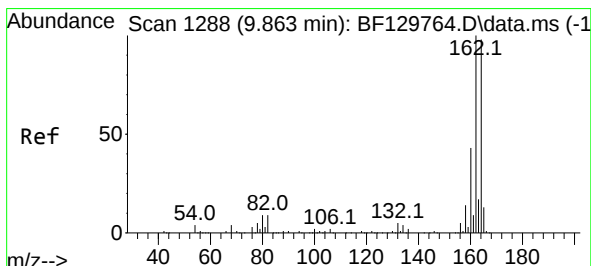
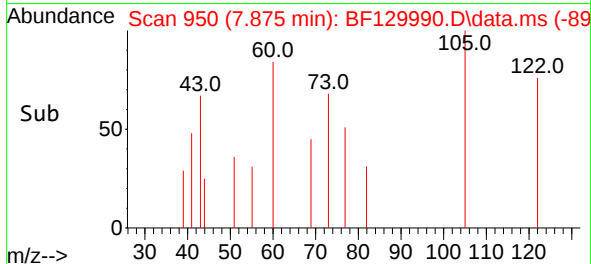
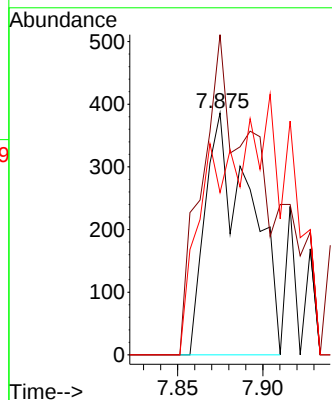
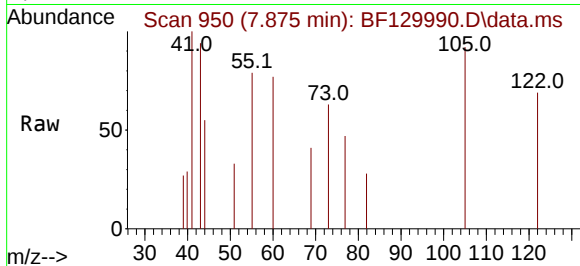




#32
Benzoic acid
Concen: 2.551 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

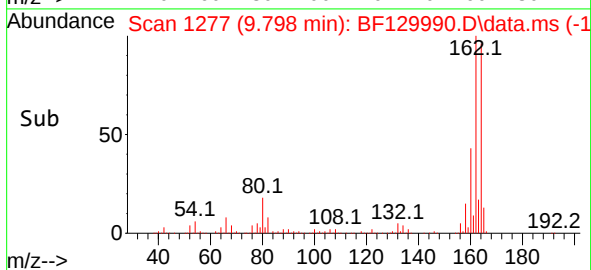
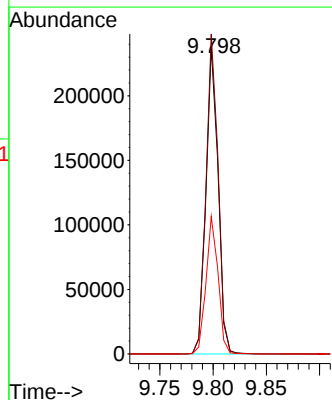
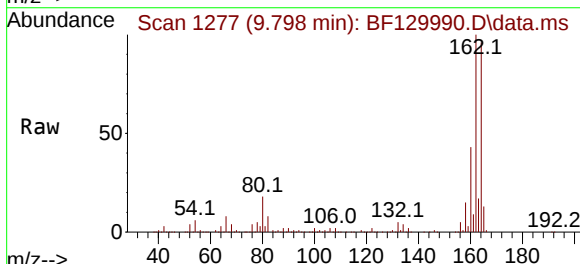
Instrument :
BNA_F
ClientSampleId :
U-3

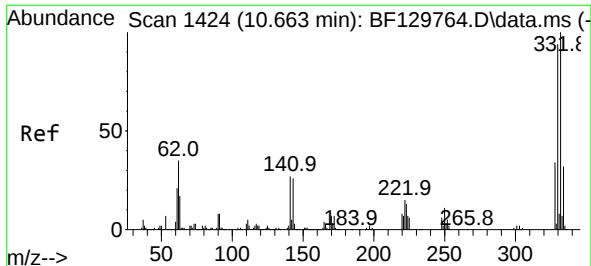
Tgt Ion:	122	Resp:	710
Ion	Ratio	Lower	Upper
122	100		
105	132.4	99.9	139.9
77	67.1	65.9	105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:	164	Resp:	188945
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.0	123.0
160	44.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 79.444 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

Instrument :

BNA_F

ClientSampleId :

U-3

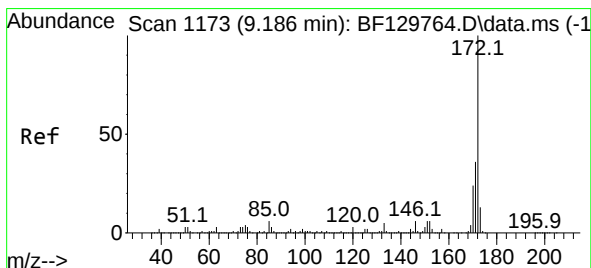
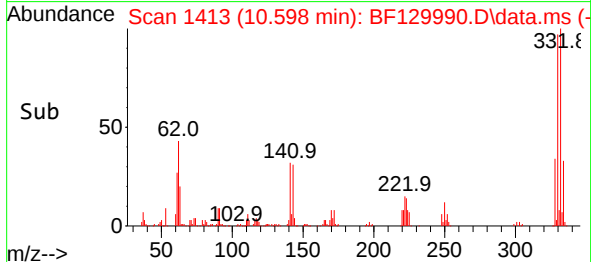
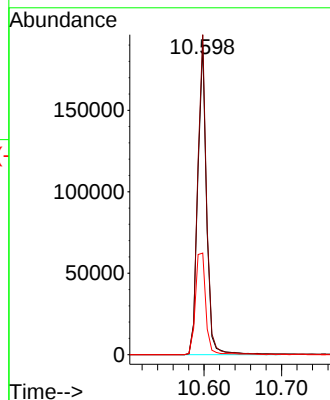
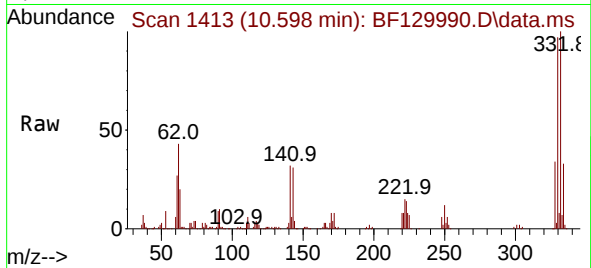
Tgt Ion:330 Resp: 150654

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 38.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.049 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

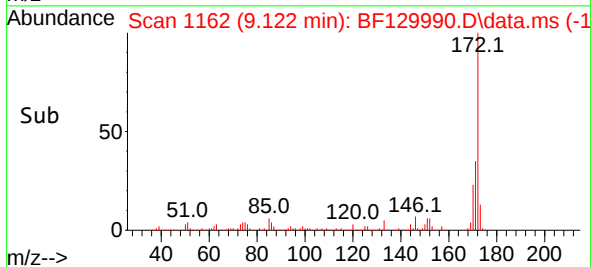
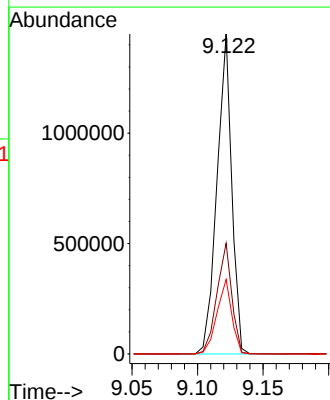
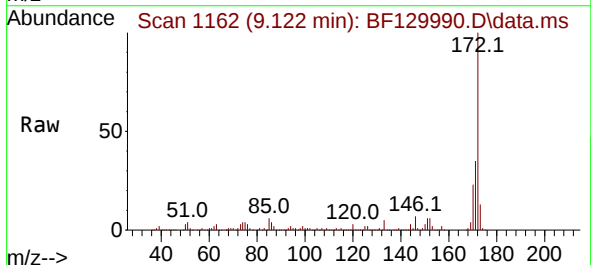
Tgt Ion:172 Resp: 1132680

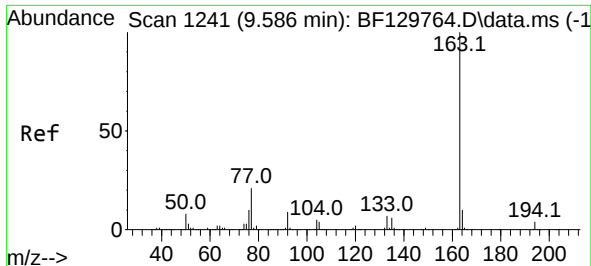
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.3 19.1 28.7

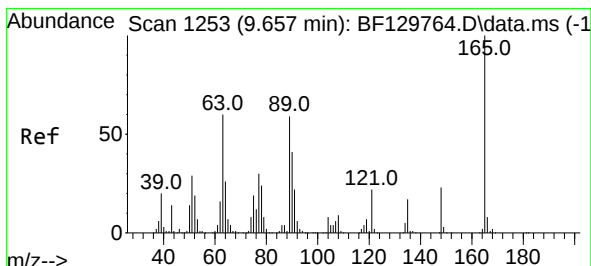
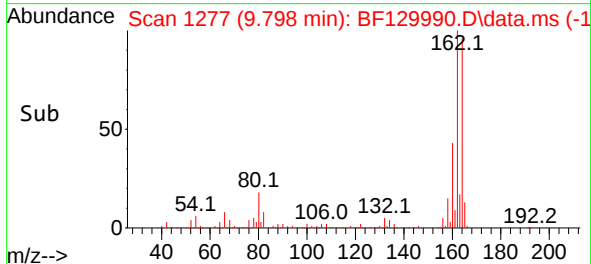
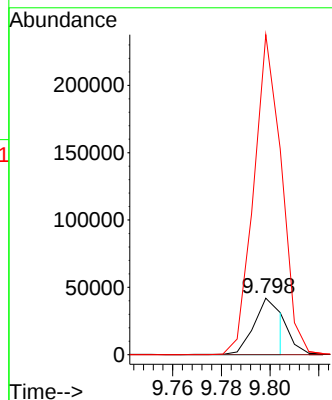
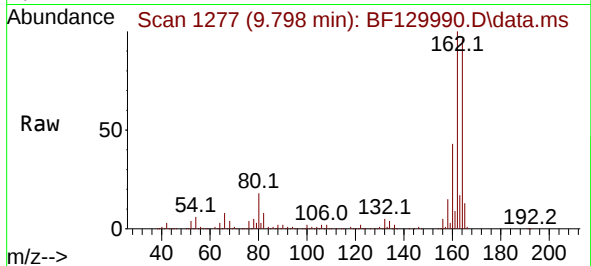




#50
Dimethylphthalate
Concen: 2.444 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

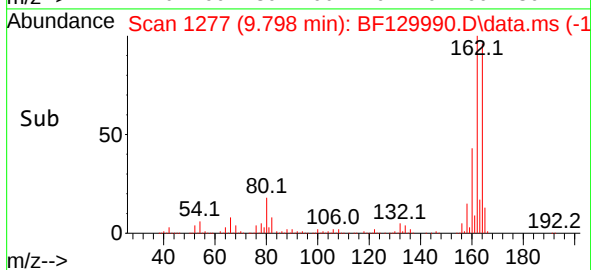
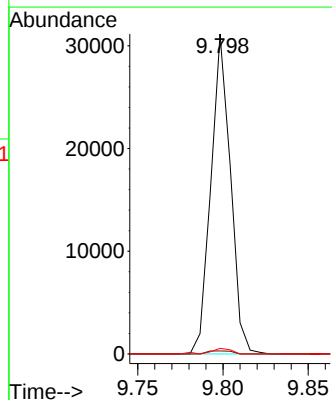
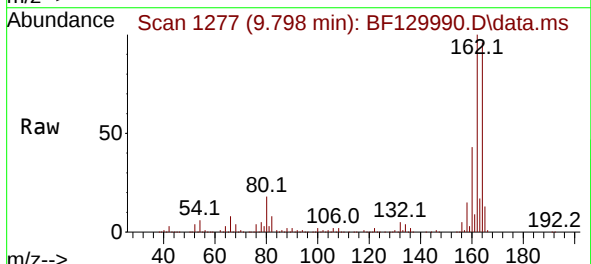
Instrument :
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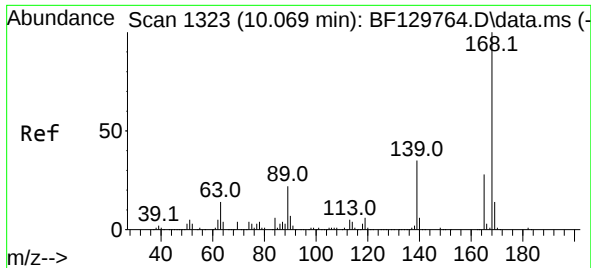
Tgt Ion:163 Resp: 33103
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 567.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.452 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:165 Resp: 24834
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.8 47.2 70.8#

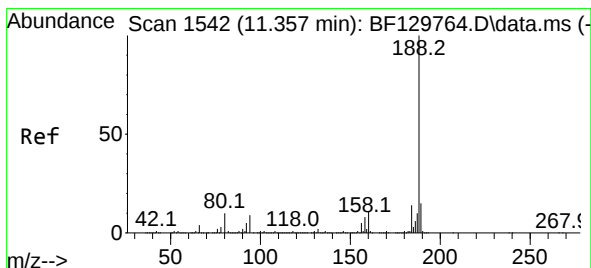
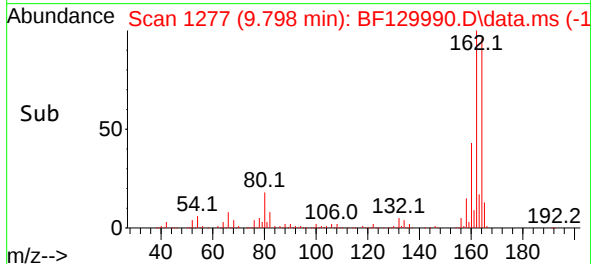
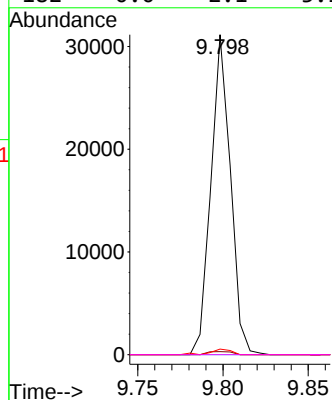
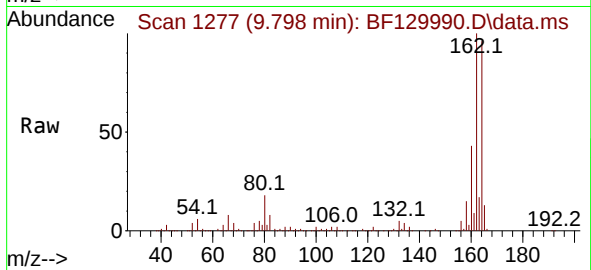




#57
2,4-Dinitrotoluene
Concen: 6.511 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

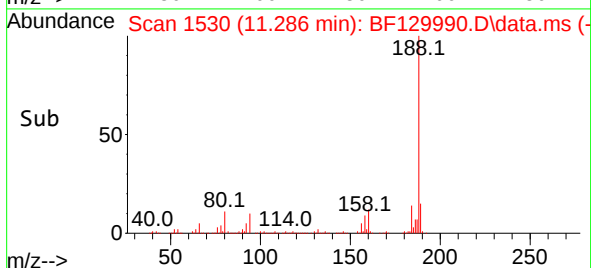
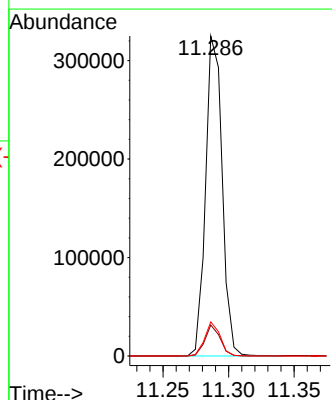
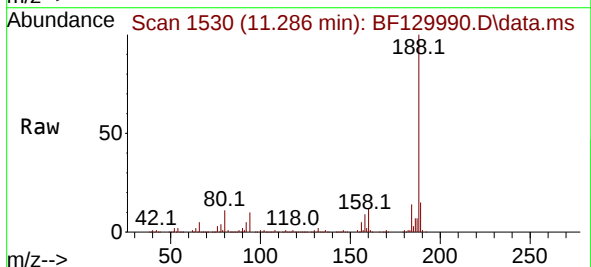
Instrument :
BNA_F
ClientSampleId :
U-3

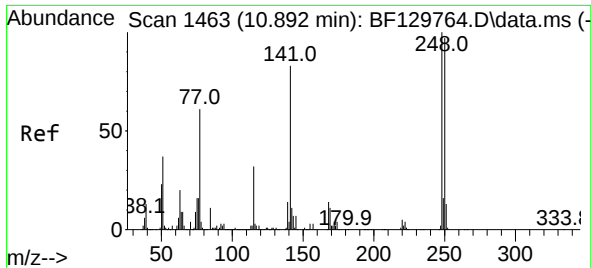
Tgt Ion:165 Resp: 24834
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.8 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:188 Resp: 286699
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 7.9 11.9

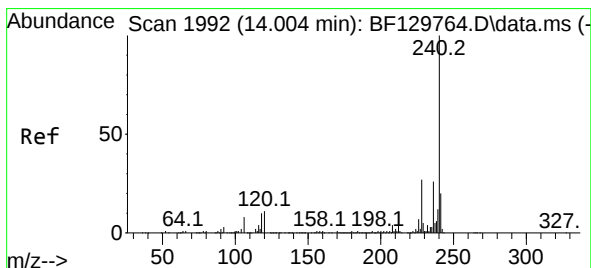
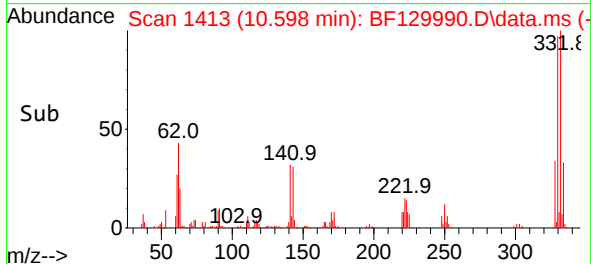
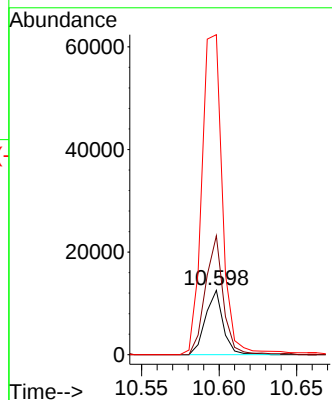
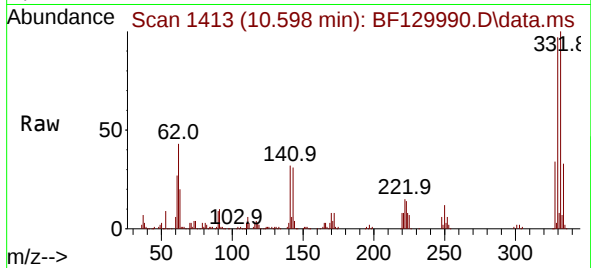




#67
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

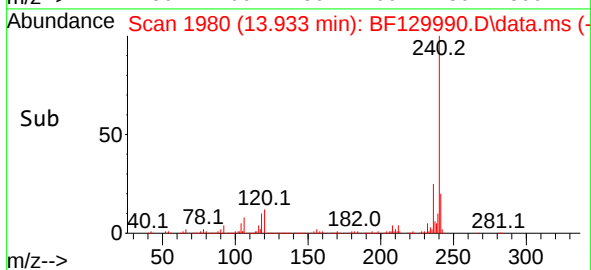
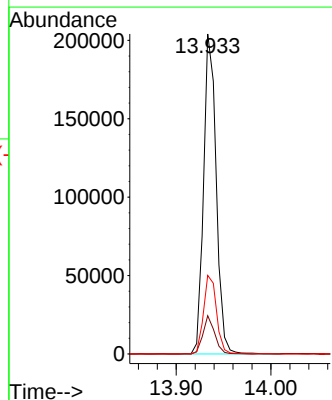
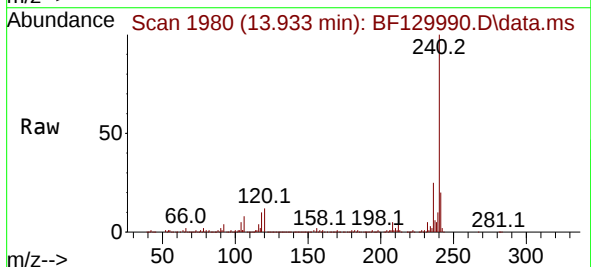
Instrument :
BNA_F
ClientSampleId :
U-3

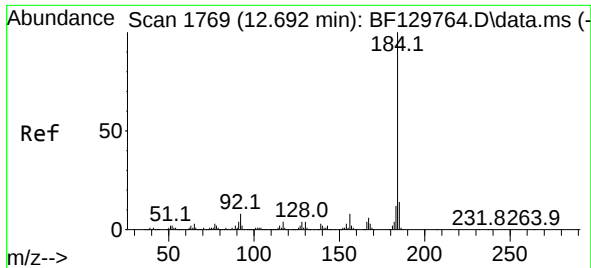
Tgt Ion:248 Resp: 9977
Ion Ratio Lower Upper
248 100
250 184.6 77.8 116.6#
141 496.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:240 Resp: 188553
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 24.6 20.7 31.1

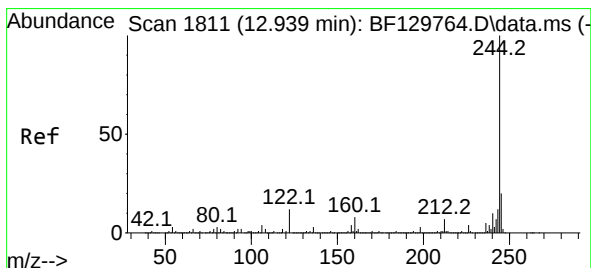
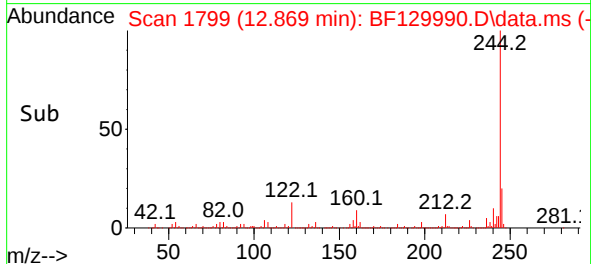
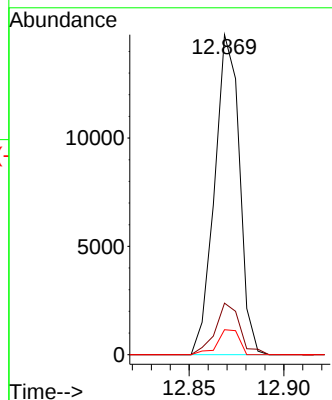
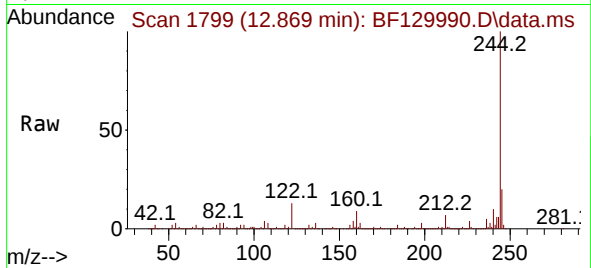




#77
Benzidine
Concen: Below Cal
RT: 12.869 min Scan# 1799
Delta R.T. 0.235 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

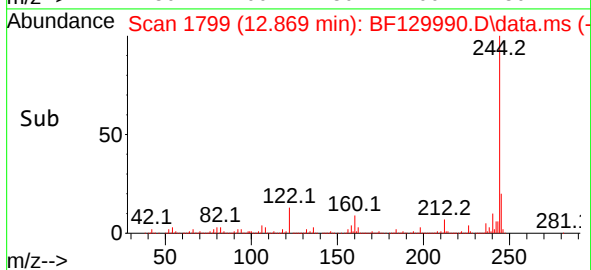
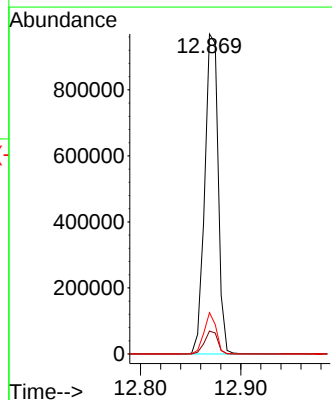
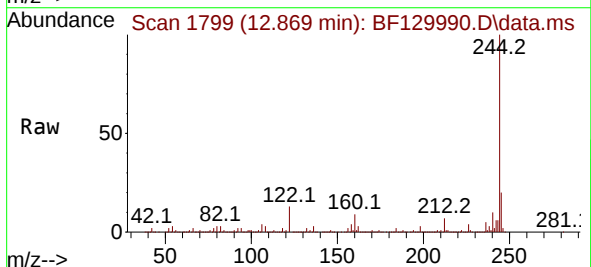
Instrument :
BNA_F
ClientSampleId :
U-3

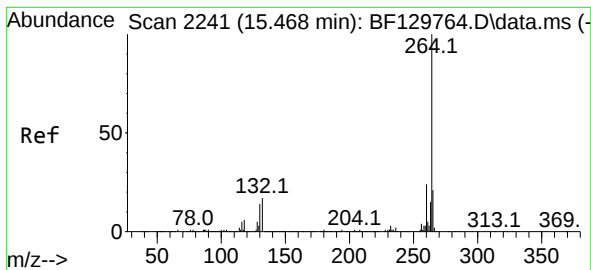
Tgt Ion:184 Resp: 13494
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 7.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 79.939 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:244 Resp: 905845
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.9 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: BF129990.D

Acq: 25 Aug 2022 01:38

Instrument :

BNA_F

ClientSampleId :

U-3

Tgt Ion:264 Resp: 216459

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.7 16.7 25.1

