

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124397.D
 Acq On : 21 Jun 2021 17:11
 Operator : JU/CG
 Sample : M2773-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Jun 21 17:44:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

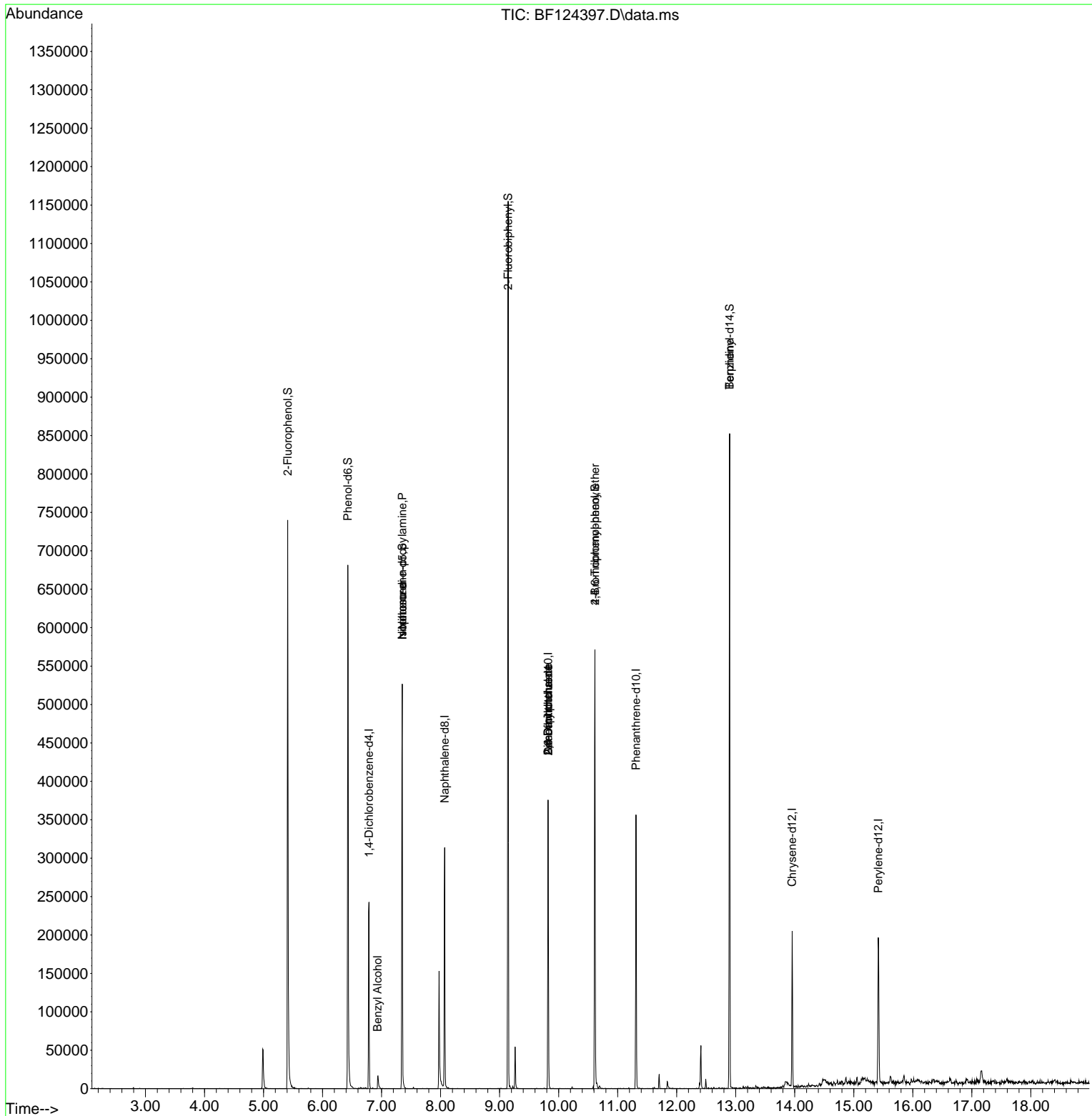
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	33793	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	116508	20.000	ng	0.00
39) Acenaphthene-d10	9.821	164	66780	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	114983	20.000	ng	0.00
76) Chrysene-d12	13.957	240	63856	20.000	ng	0.00
86) Perylene-d12	15.415	264	78378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	164126	73.112	ng	0.00
7) Phenol-d6	6.428	99	190753	63.217	ng	-0.02
23) Nitrobenzene-d5	7.351	82	152988	52.080	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	61374	64.870	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	288907	54.440	ng	0.00
79) Terphenyl-d14	12.898	244	240970	51.811	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.933	79	5718	2.102	ng	# 73
19) n-Nitroso-di-n-propyla...	7.351	70	20284	9.523	ng	# 57
25) Isophorone	7.351	82	153014	28.906	ng	# 69
50) Dimethylphthalate	9.821	163	12604	2.281	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	8569	6.764	ng	# 11
57) 2,4-Dinitrotoluene	9.821	165	8569	5.129	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	4235	2.683	ng	# 1
77) Benzidine	12.898	184	4679	6.939	ng	# 84

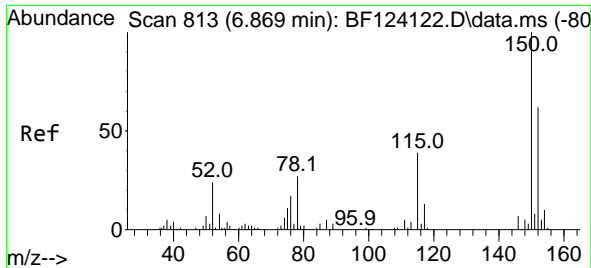
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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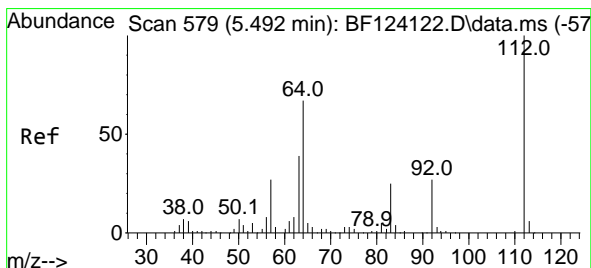
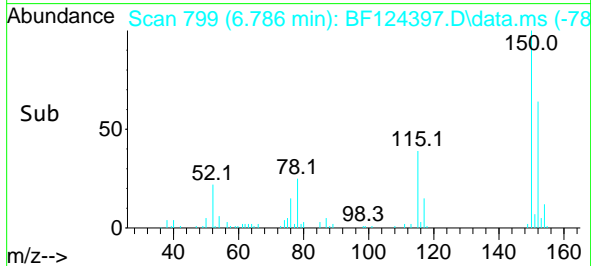
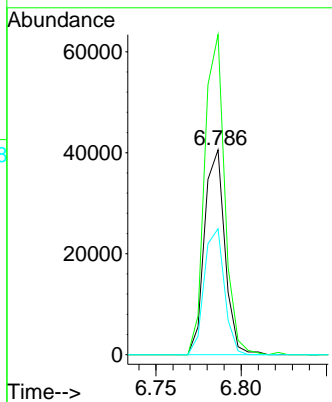
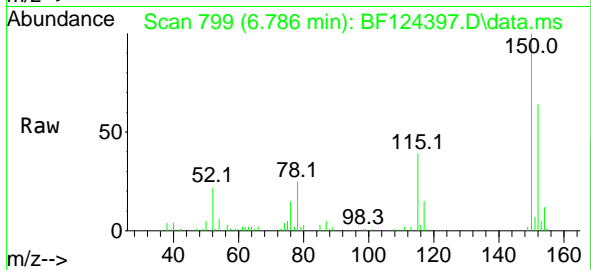




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

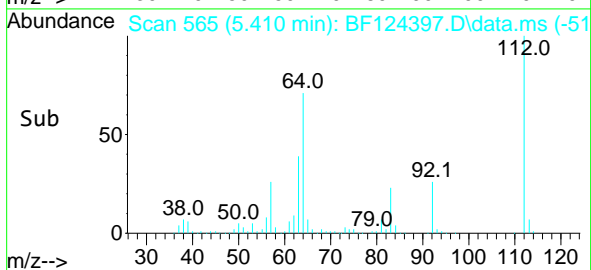
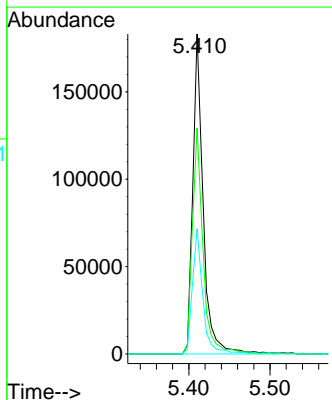
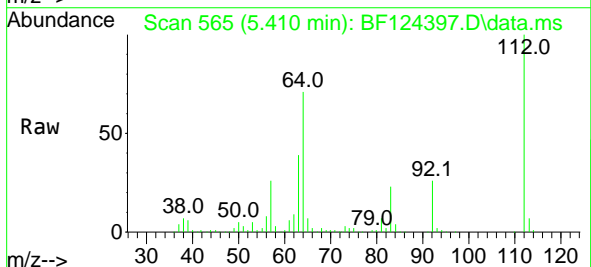
Instrument :
 BNA_F
ClientSampled :
 SB-7

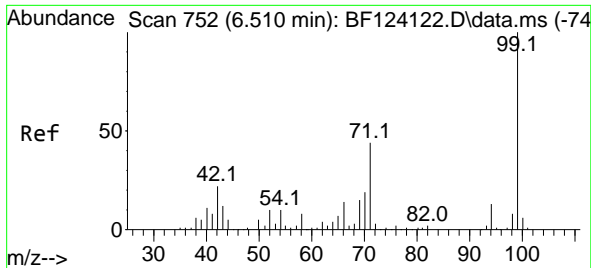
Tgt Ion	Resp	Lower	Upper
152	33793		
152	100		
150	156.2	127.0	190.6
115	61.5	54.3	81.5



#5
 2-Fluorophenol
 Concen: 73.112 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

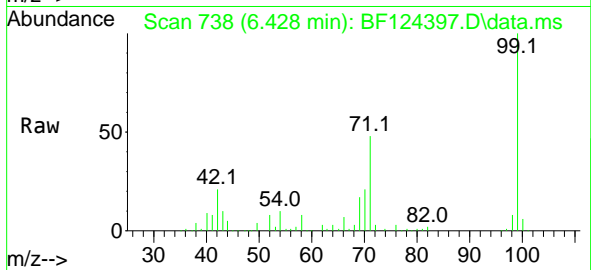
Tgt Ion	Resp	Lower	Upper
112	164126		
112	100		
64	70.5	61.4	92.0
63	39.2	33.0	49.4



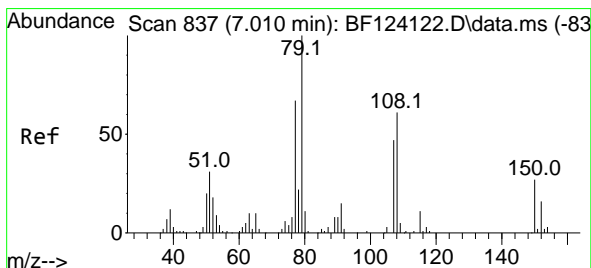
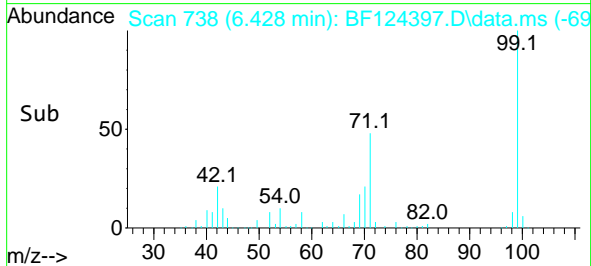
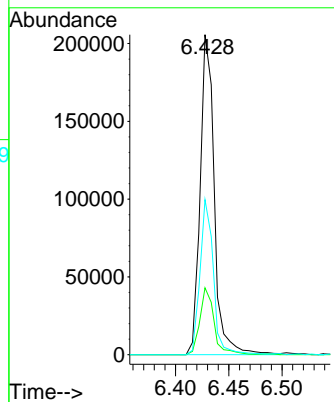


#7
Phenol-d6
Concen: 63.217 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124397.D
Acq: 21 Jun 2021 17:11

Instrument :
BNA_F
ClientSampled :
SB-7

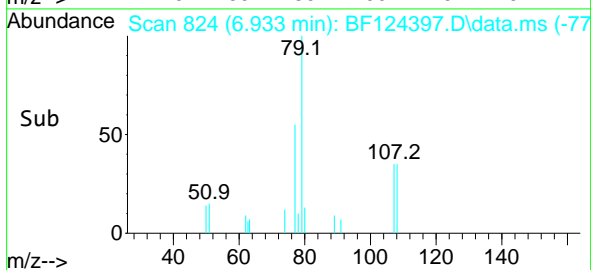
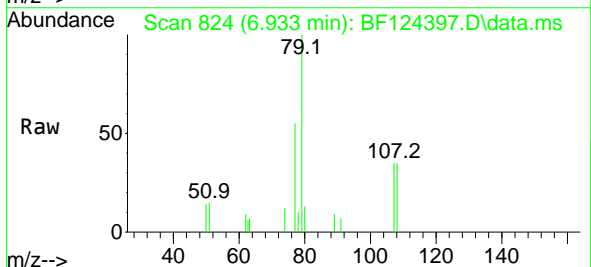
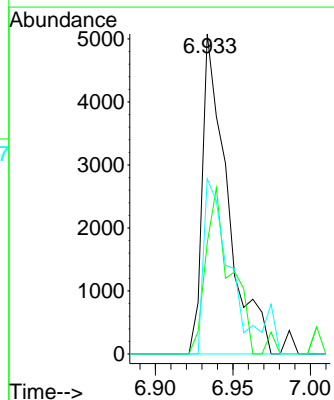


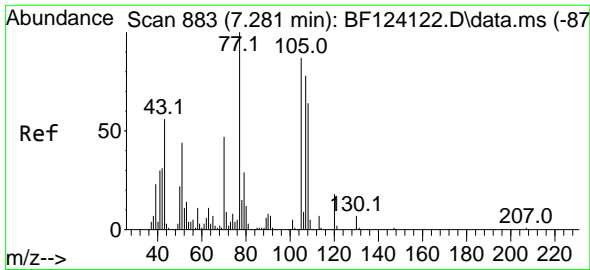
Tgt Ion: 99 Resp: 190753
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 48.4 31.1 46.7#



#15
Benzyl Alcohol
Concen: 2.102 ng
RT: 6.933 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF124397.D
Acq: 21 Jun 2021 17:11

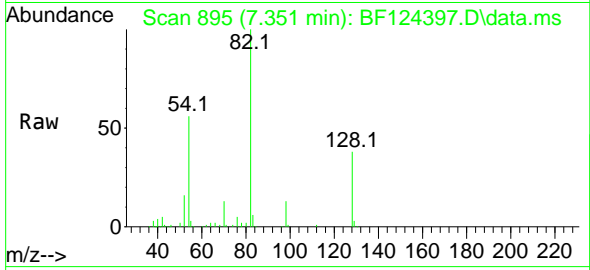
Tgt Ion: 79 Resp: 5718
Ion Ratio Lower Upper
79 100
108 34.7 55.8 83.8#
77 54.7 49.9 74.9



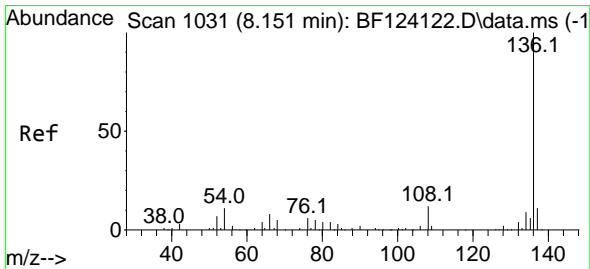
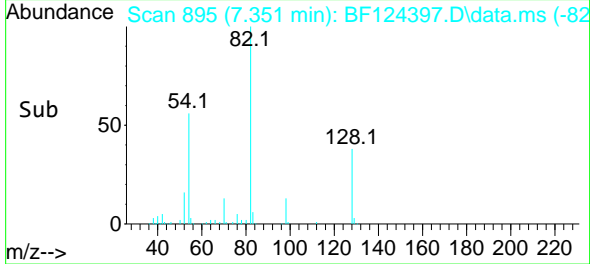
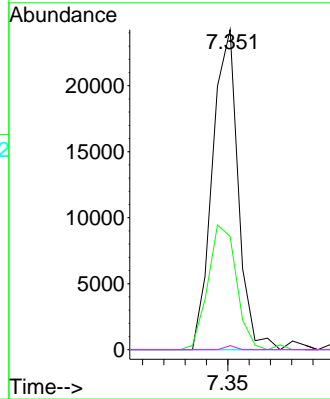


#19
 n-Nitroso-di-n-propylamine
 Concen: 9.523 ng
 RT: 7.351 min Scan# 895
 Delta R.T. 0.141 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

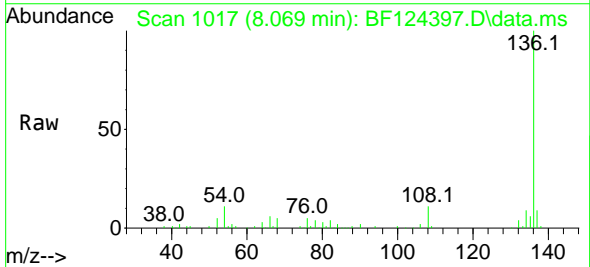
Instrument :
 BNA_F
 ClientSampled :
 SB-7



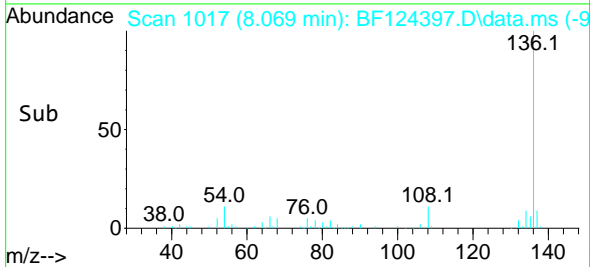
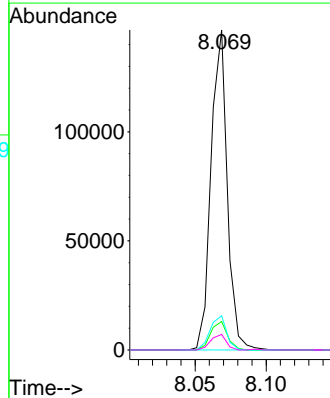
Tgt Ion: 70 Resp: 20284
 Ion Ratio Lower Upper
 70 100
 42 35.4 60.1 90.1#
 101 0.0 7.4 11.2#
 130 1.3 14.2 21.2#

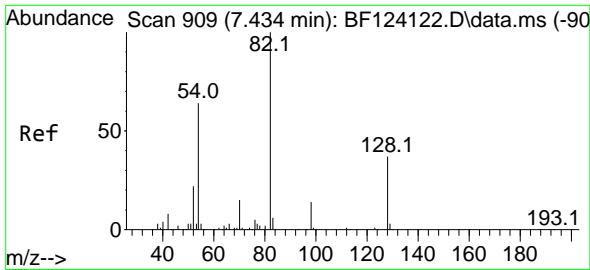


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.069 min Scan# 1017
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11



Tgt Ion:136 Resp: 116508
 Ion Ratio Lower Upper
 136 100
 137 8.9 8.7 13.1
 54 10.7 9.8 14.6
 68 4.9 4.1 6.1

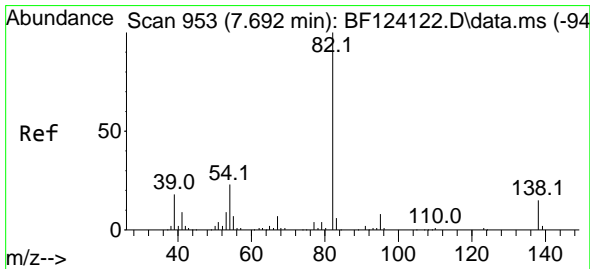
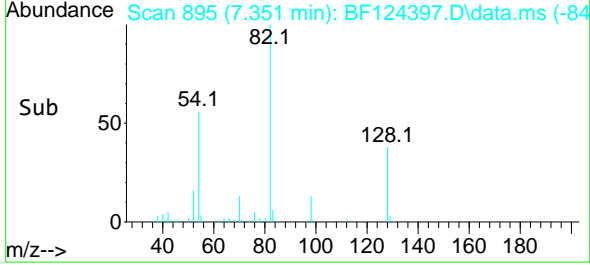
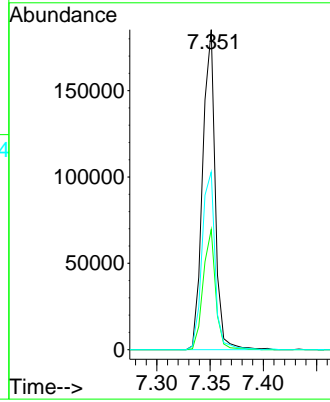
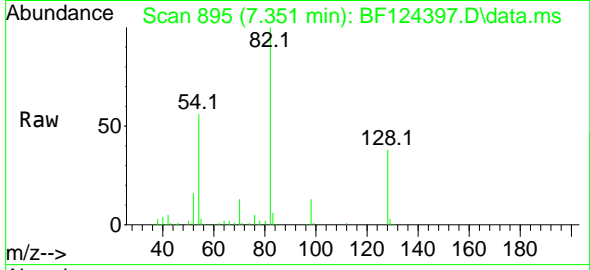




#23
 Nitrobenzene-d5
 Concen: 52.080 ng
 RT: 7.351 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

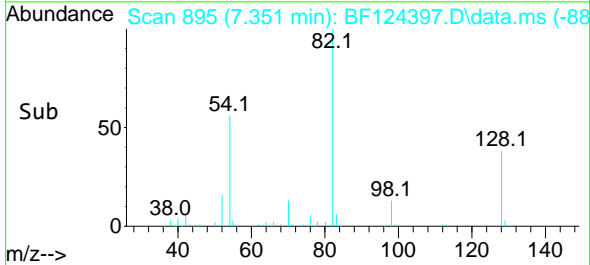
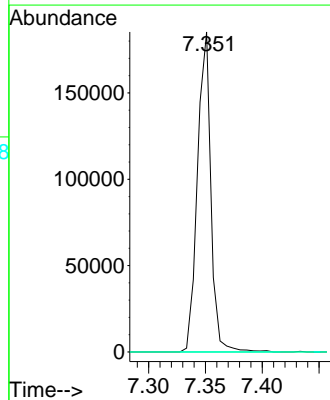
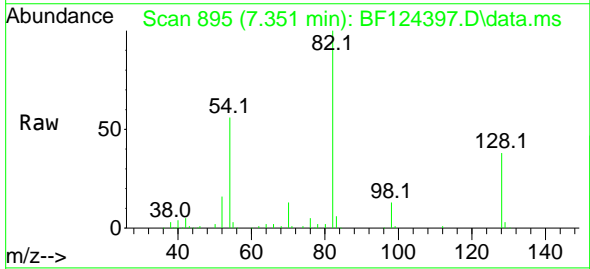
Instrument :
 BNA_F
 ClientSampled :
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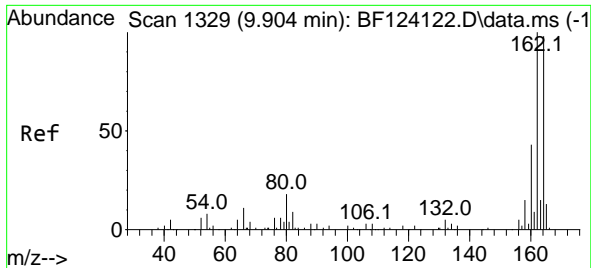
Tgt Ion: 82 Resp: 152988
 Ion Ratio Lower Upper
 82 100
 128 37.5 29.4 44.2
 54 55.6 54.1 81.1



#25
 Isophorone
 Concen: 28.906 ng
 RT: 7.351 min Scan# 895
 Delta R.T. -0.265 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Tgt Ion: 82 Resp: 153014
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 11.8 17.8#

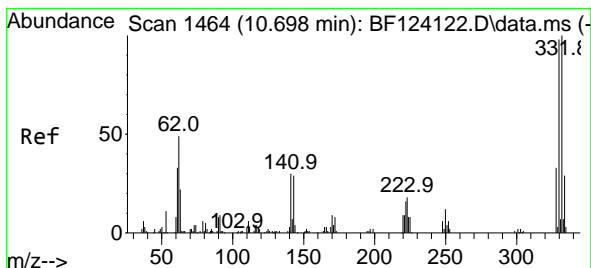
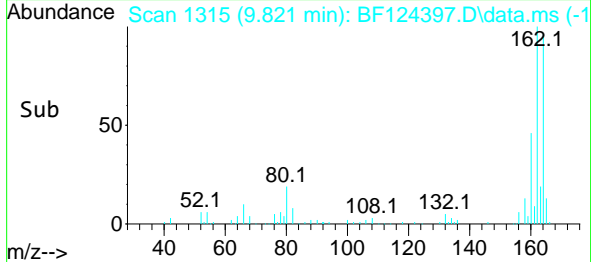
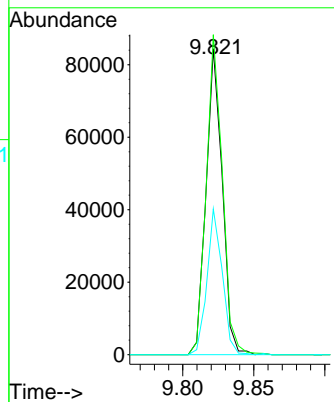
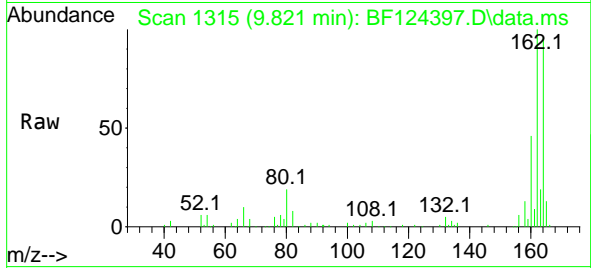




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.821 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

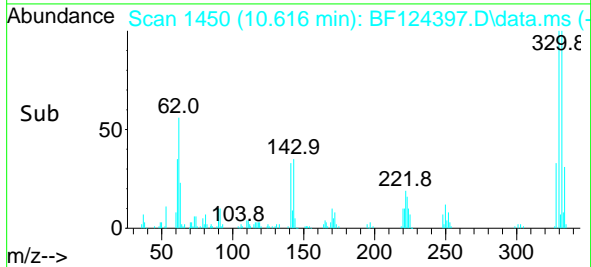
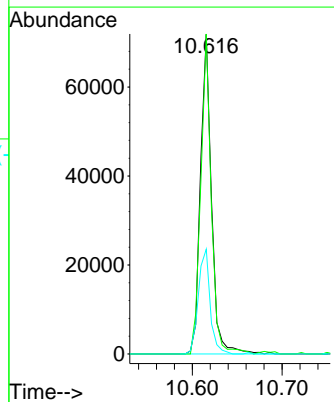
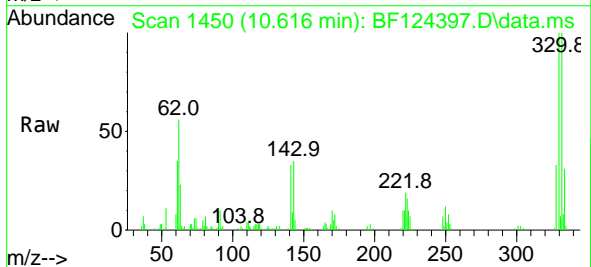
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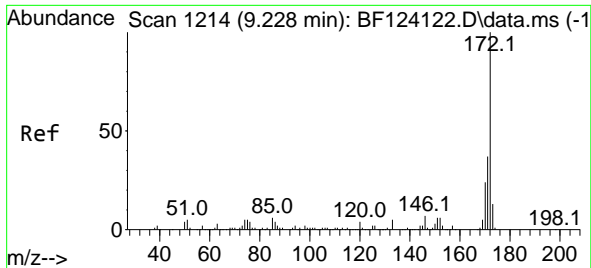
Tgt Ion:164 Resp: 66780
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.7 121.1
 160 47.6 37.3 55.9



#42
 2,4,6-Tribromophenol
 Concen: 64.870 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Tgt Ion:330 Resp: 61374
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 35.0 27.9 41.9

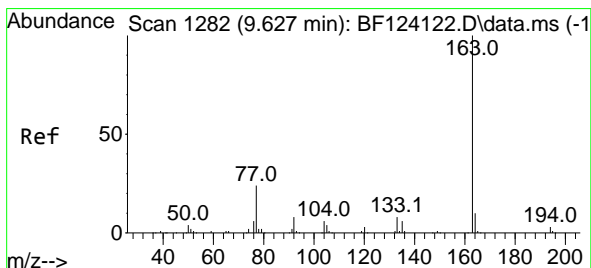
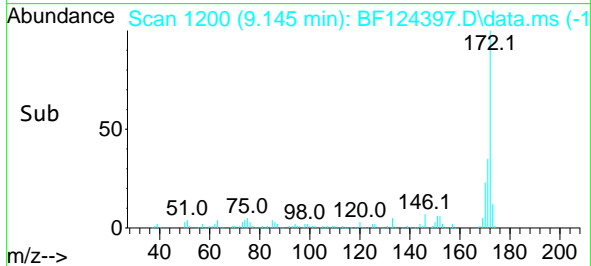
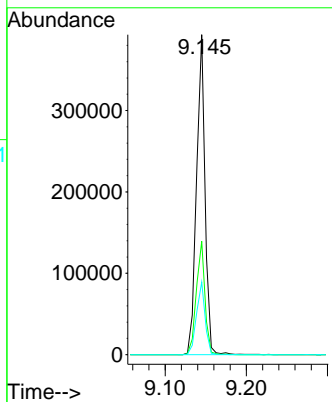
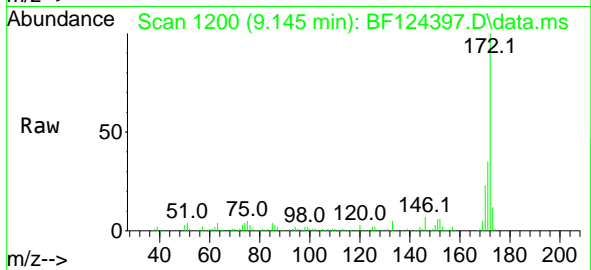




#45
 2-Fluorobiphenyl
 Concen: 54.440 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

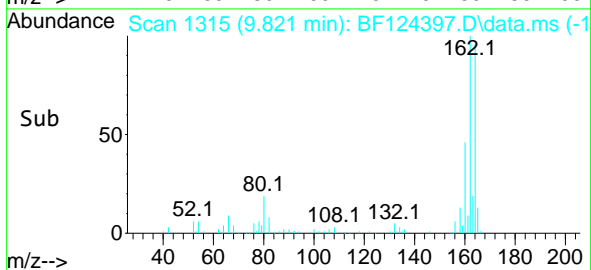
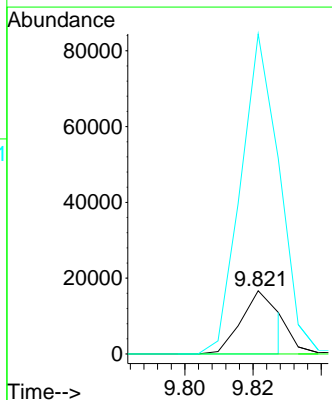
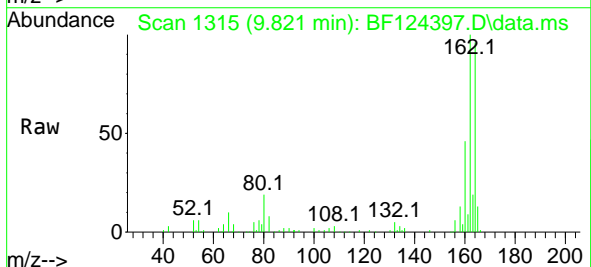
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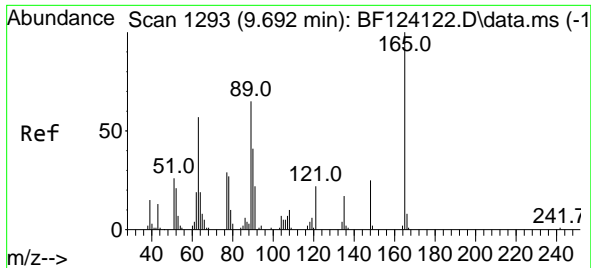
Tgt Ion:172 Resp: 288907
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 22.7 19.2 28.8



#50
 Dimethylphthalate
 Concen: 2.281 ng
 RT: 9.821 min Scan# 1315
 Delta R.T. 0.265 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Tgt Ion:163 Resp: 12604
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 506.2 8.2 12.2#

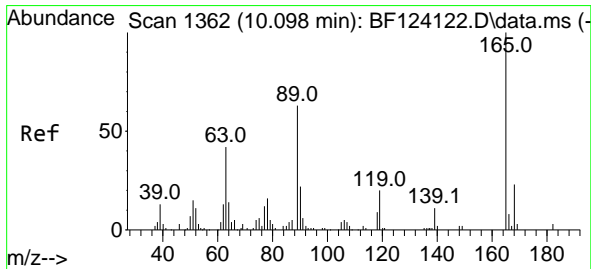
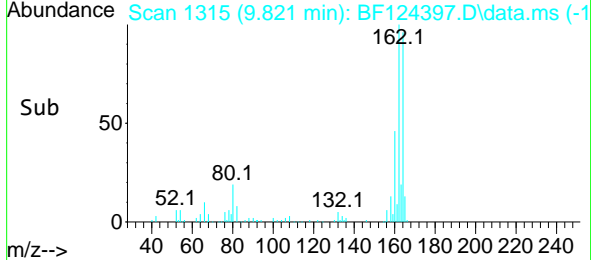
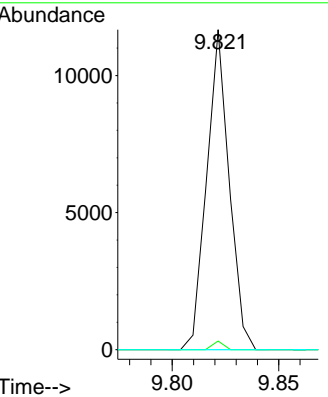
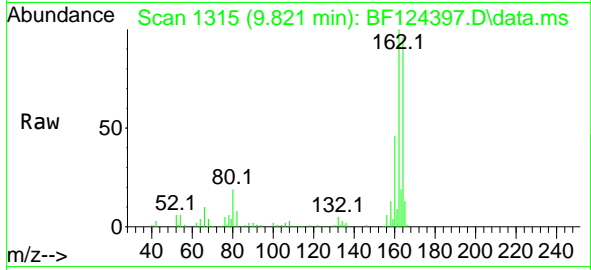




#51
 2,6-Dinitrotoluene
 Concen: 6.764 ng
 RT: 9.821 min Scan# 1315
 Delta R.T. 0.200 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

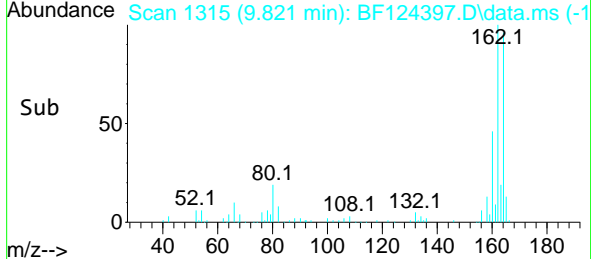
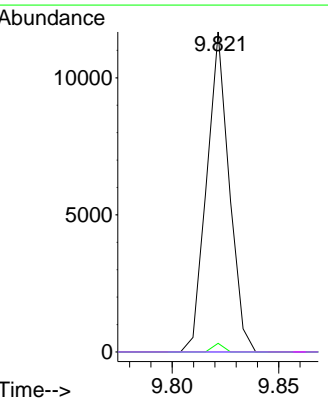
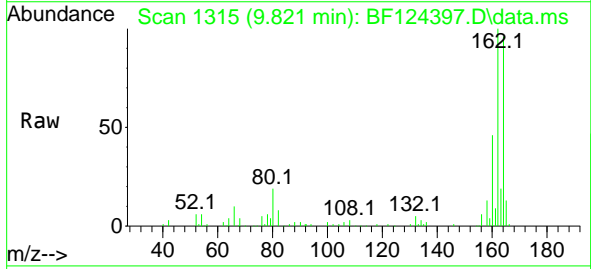
Instrument :
 BNA_F
 ClientSampled :
 SB-7

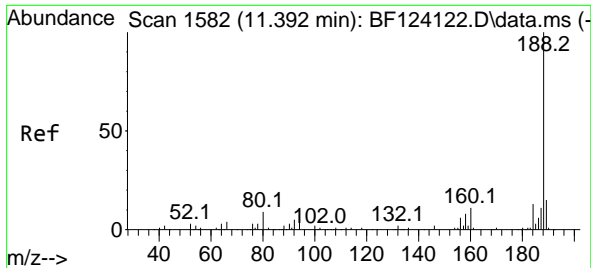
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.7	67.7	101.5#
89	0.0	58.8	88.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.129 ng
 RT: 9.821 min Scan# 1315
 Delta R.T. -0.206 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

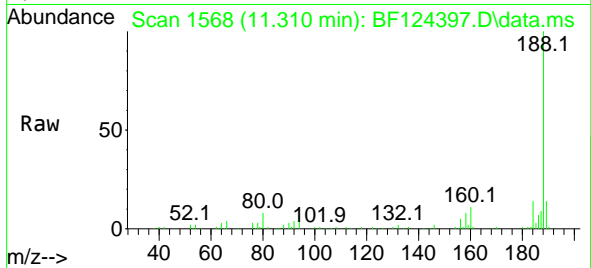
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.7	43.5	65.3#
89	0.0	67.7	101.5#
182	0.0	2.1	3.1#



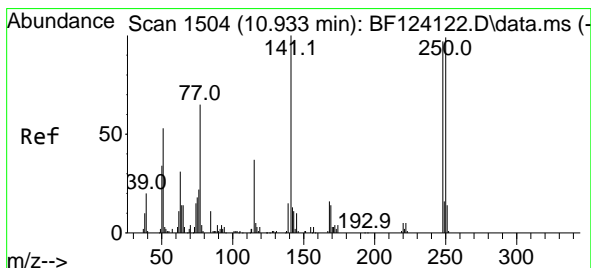
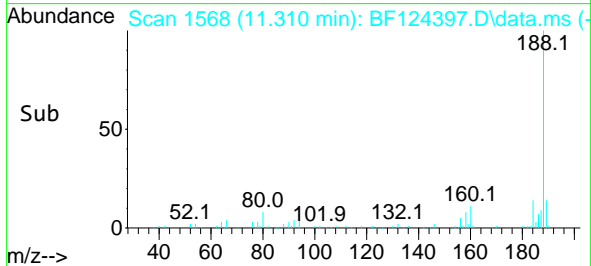
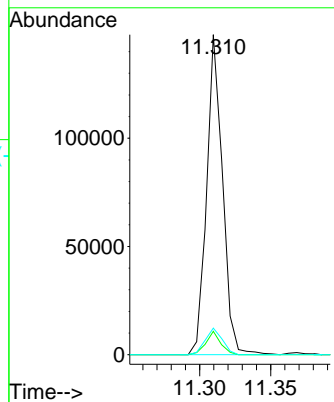


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

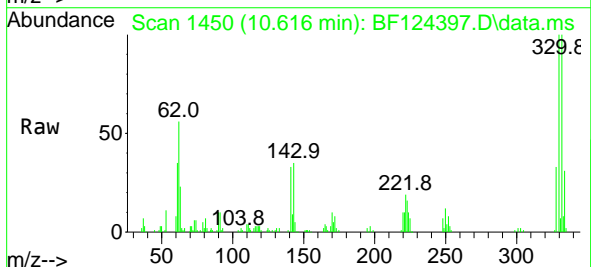
Instrument :
 BNA_F
 ClientSampled :
 SB-7



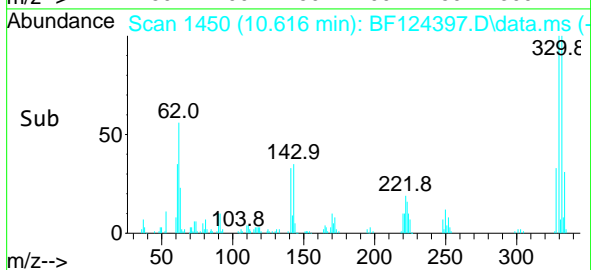
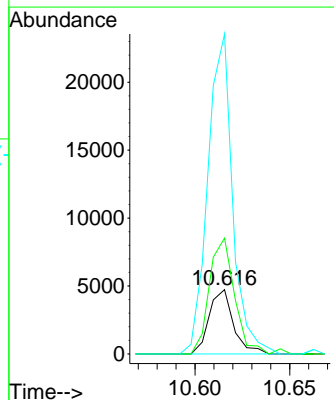
Tgt Ion:188 Resp: 114983
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.3 8.2 12.2

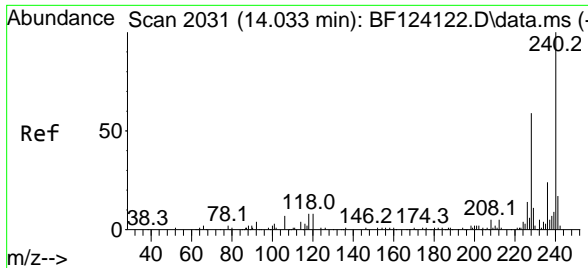


#67
 4-Bromophenyl-phenylether
 Concen: 2.683 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.247 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11



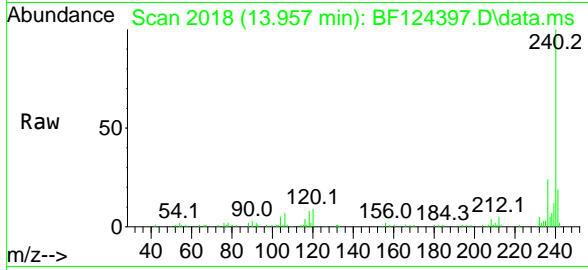
Tgt Ion:248 Resp: 4235
 Ion Ratio Lower Upper
 248 100
 250 180.3 77.4 116.2#
 141 498.0 63.7 95.5#



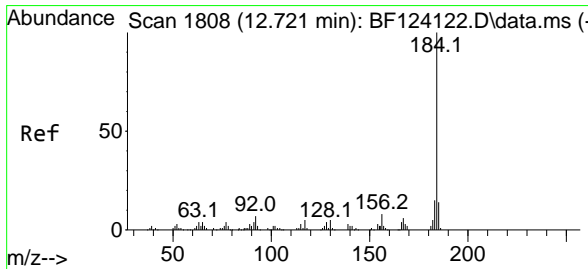
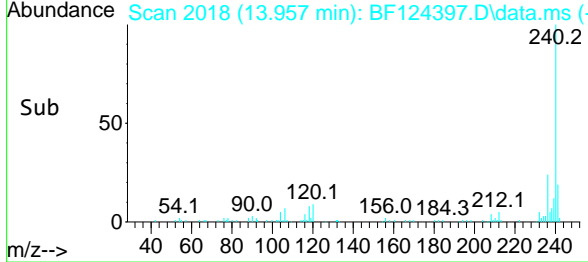
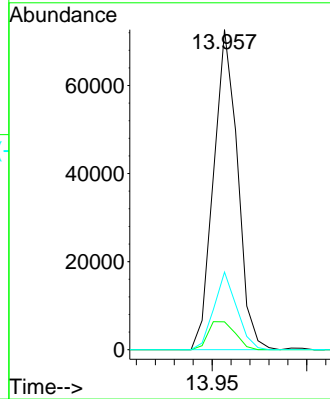


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Instrument :
 BNA_F
 ClientSampled :
 SB-7

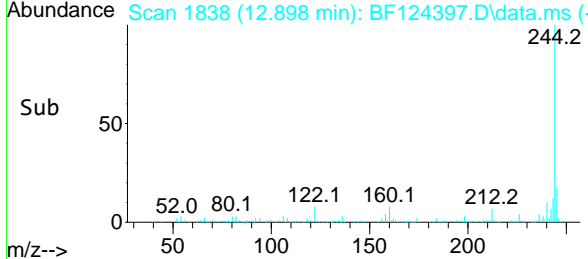
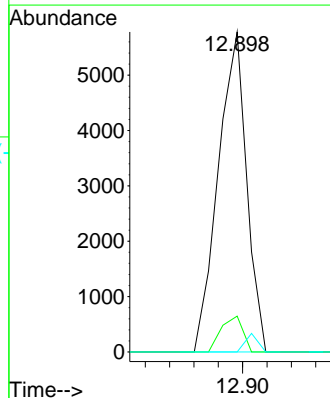
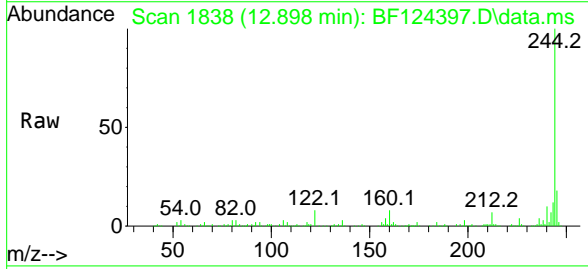


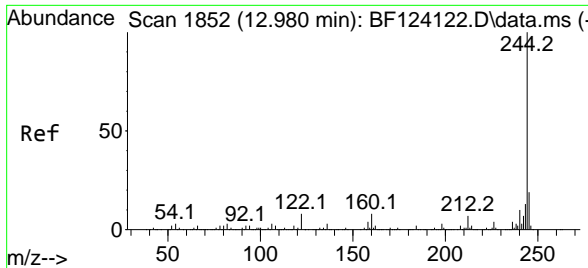
Tgt Ion:240 Resp: 63856
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.2 10.8
 236 24.3 19.0 28.4



#77
 Benzidine
 Concen: 6.939 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.200 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

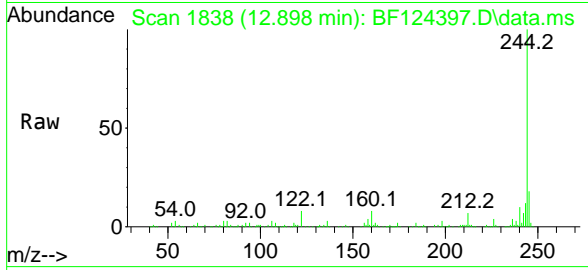
Tgt Ion:184 Resp: 4679
 Ion Ratio Lower Upper
 184 100
 185 11.2 12.1 18.1#
 183 0.0 7.8 11.8#





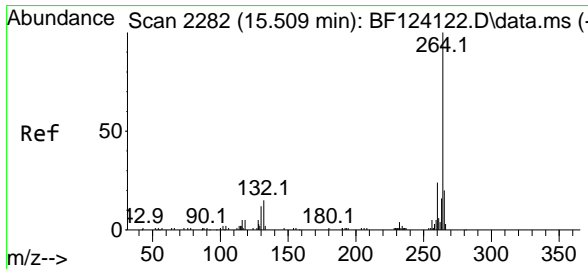
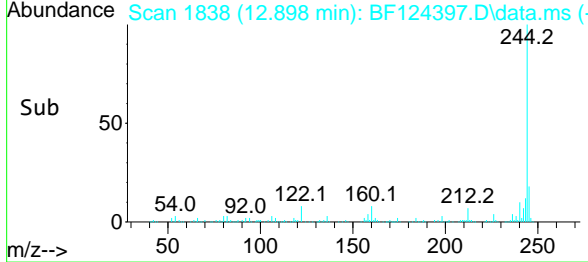
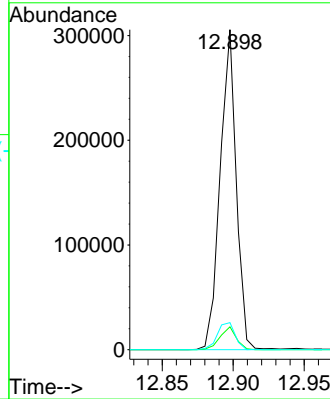
#79
 Terphenyl-d14
 Concen: 51.811 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Instrument :
 BNA_F
ClientSampled :
 SB-7



Tgt Ion:244 Resp: 240970

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.5	9.7	14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BF124397.D
 Acq: 21 Jun 2021 17:11

Tgt Ion:264 Resp: 78378

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	19.2	17.8	26.8

