

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123147.D
 Acq On : 8 Feb 2021 16:57
 Operator : JU/CG
 Sample : PB134513BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134513BL

Quant Time: Feb 08 17:35:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

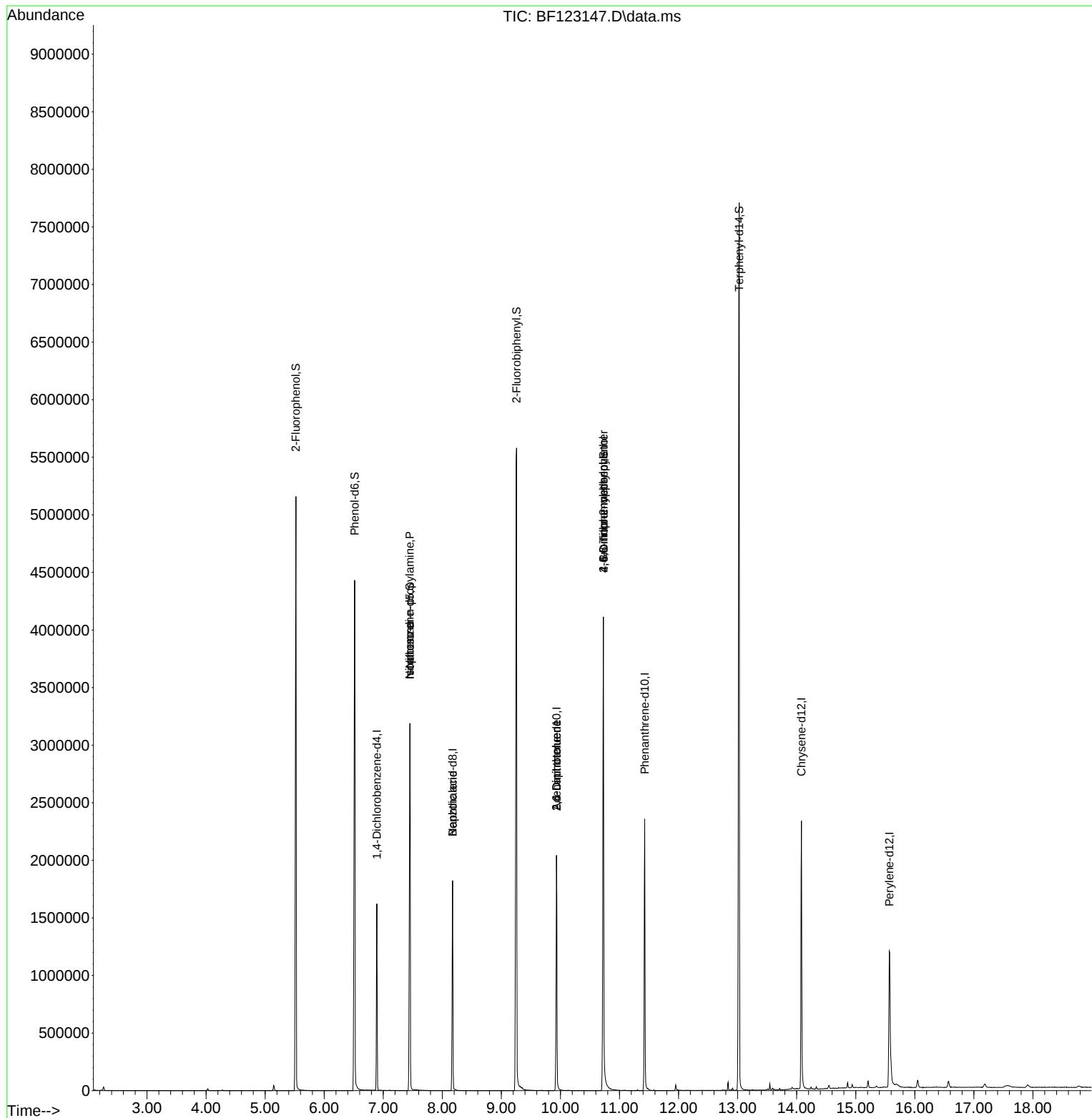
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	224374	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	889135	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	484672	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	946905	20.00	ng	0.00
76) Chrysene-d12	14.080	240	867370	20.00	ng	0.00
86) Perylene-d12	15.568	264	754039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1535593	105.57	ng	0.02
7) Phenol-d6	6.516	99	1917774	97.27	ng	0.00
23) Nitrobenzene-d5	7.451	82	1253175	70.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	626385	119.05	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2353216	72.18	ng	0.00
79) Terphenyl-d14	13.027	244	2890786	65.48	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	168966	14.25	ng	# 79
25) Isophorone	7.451	82	1245828	38.50	ng	# 65
32) Benzoic acid	8.175	122	115	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	63777	7.87	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	63898	6.07	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1046	5.16	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	40294	3.34	ng	# 1

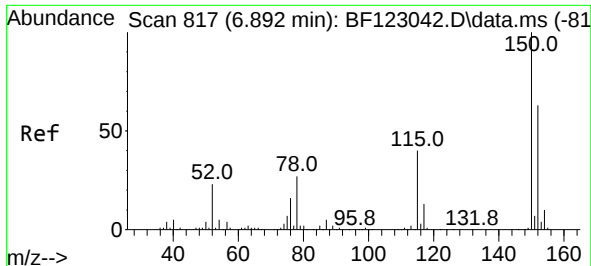
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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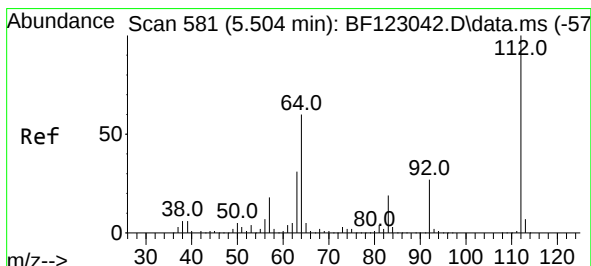
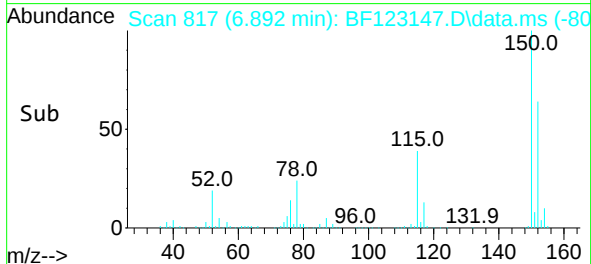
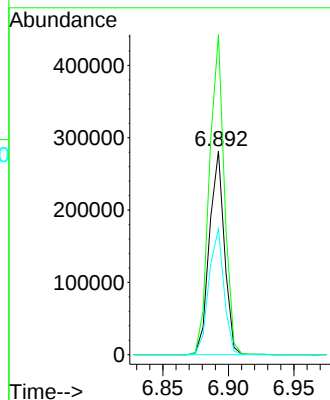
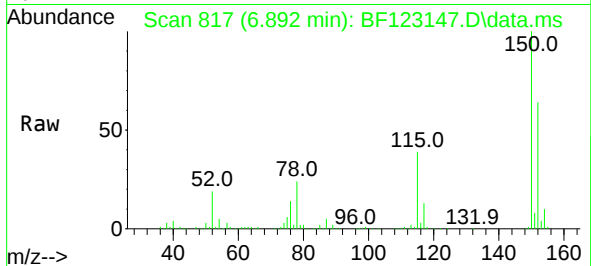




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123147.D
 Acq: 8 Feb 2021 16:57

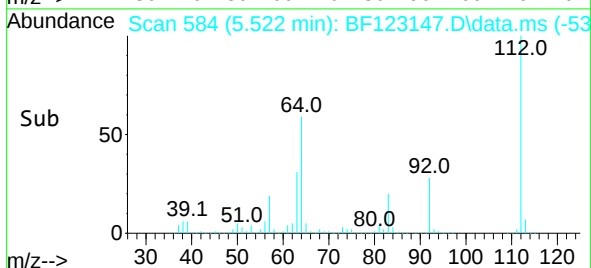
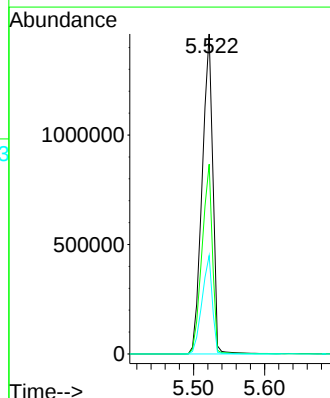
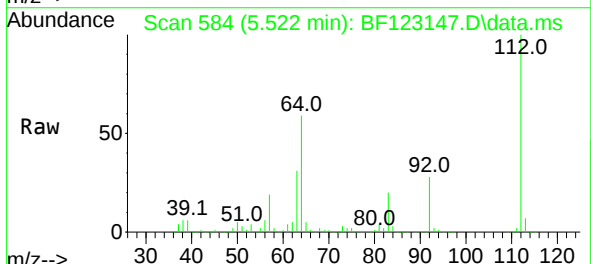
Instrument :
 BNA_F
 ClientSampleId :
 PB134513BL

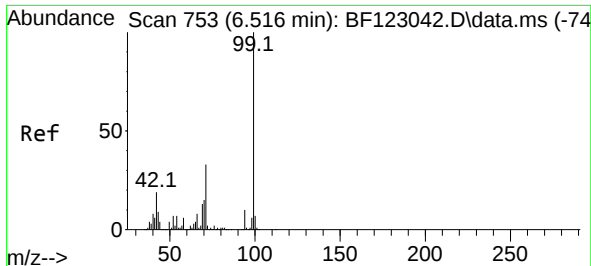
Tgt Ion:152 Resp: 224374
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.8 188.6
 115 61.8 49.3 73.9



#5
 2-Fluorophenol
 Concen: 105.57 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.018 min
 Lab File: BF123147.D
 Acq: 8 Feb 2021 16:57

Tgt Ion:112 Resp: 1535593
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.9 70.3
 63 30.8 24.5 36.7

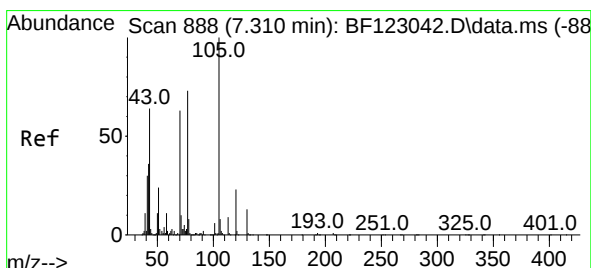
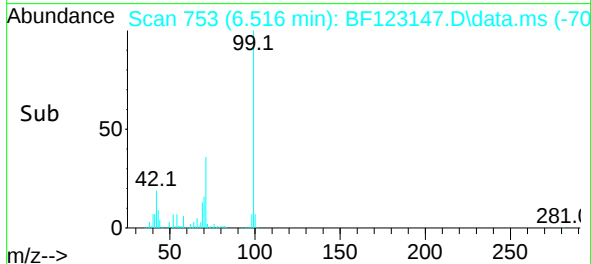
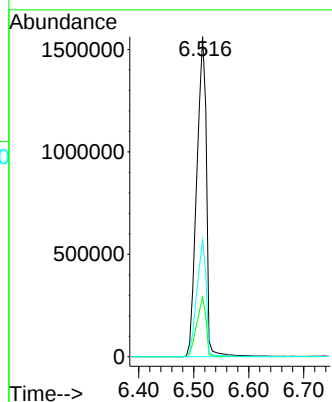
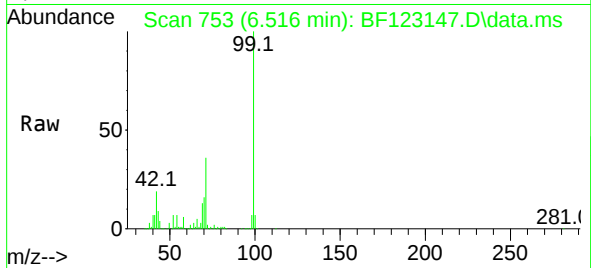




#7
Phenol-d6
Concen: 97.27 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

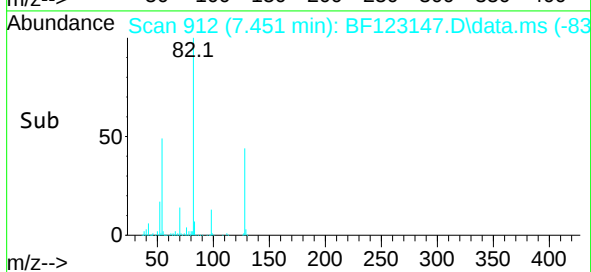
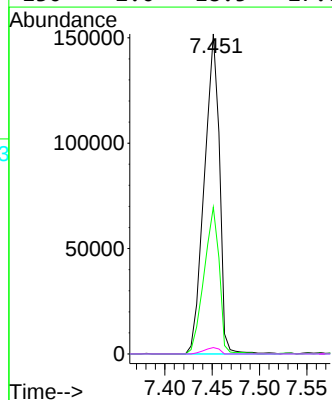
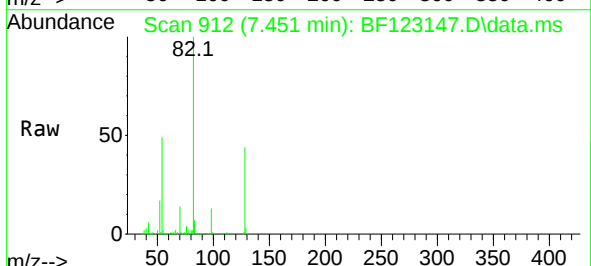
Instrument :
BNA_F
ClientSampleId :
PB134513BL

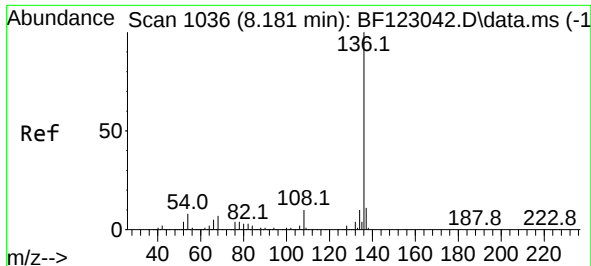
Tgt Ion: 99 Resp: 1917774
Ion Ratio Lower Upper
99 100
42 18.7 13.8 20.6
71 36.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.25 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

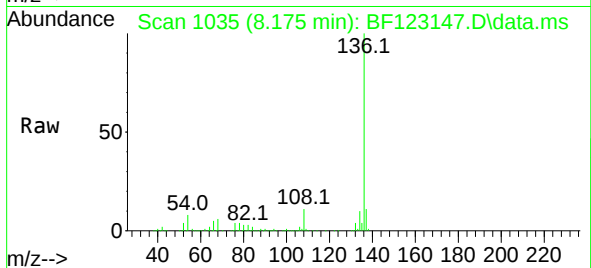
Tgt Ion: 70 Resp: 168966
Ion Ratio Lower Upper
70 100
42 45.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



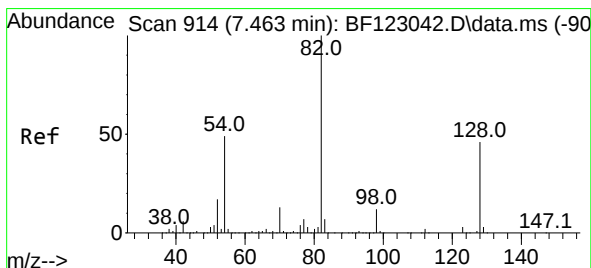
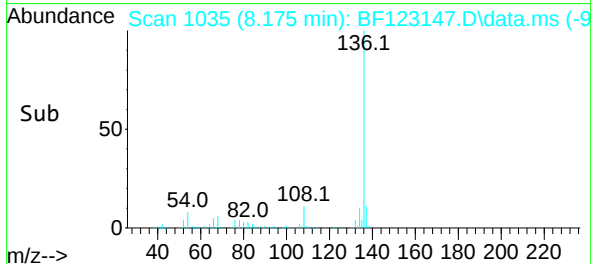
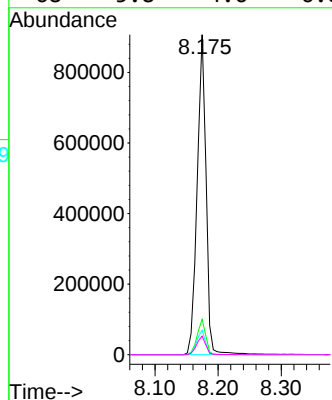


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Instrument :
BNA_F
ClientSampleId :
PB134513BL

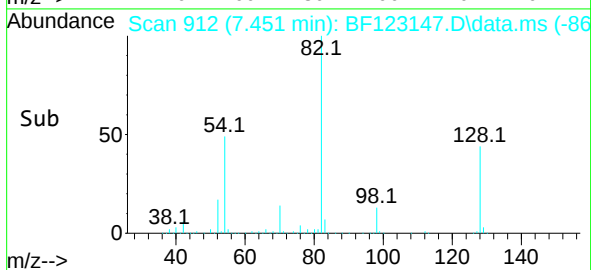
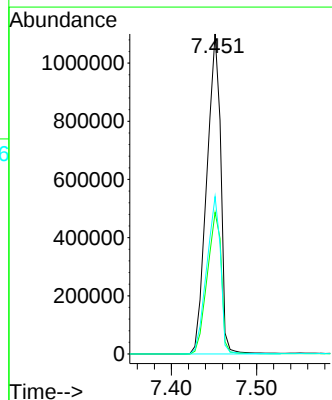
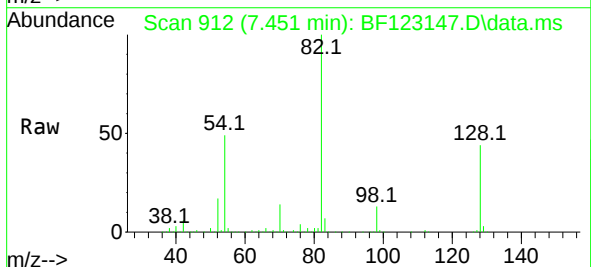


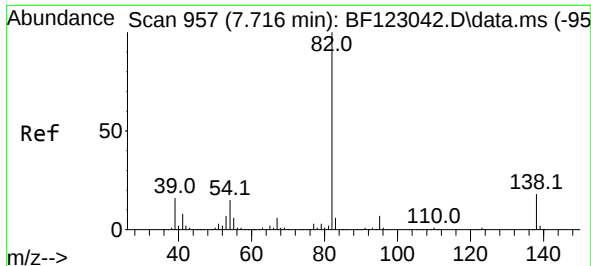
Tgt Ion:	136	Resp:	889135
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	5.5	8.3
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 70.93 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Tgt Ion:	82	Resp:	1253175
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.4
54	49.2	38.4	57.6

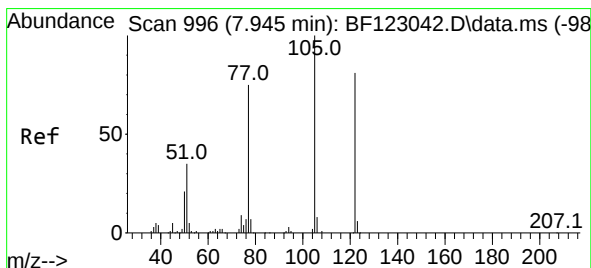
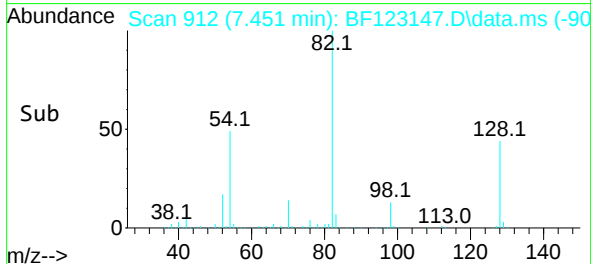
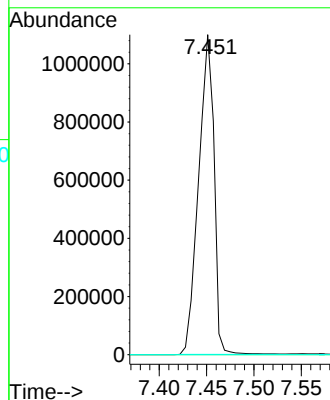
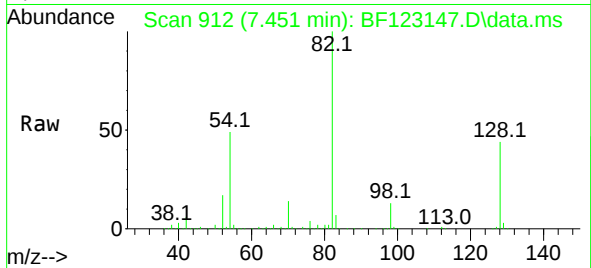




#25
Isophorone
Concen: 38.50 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

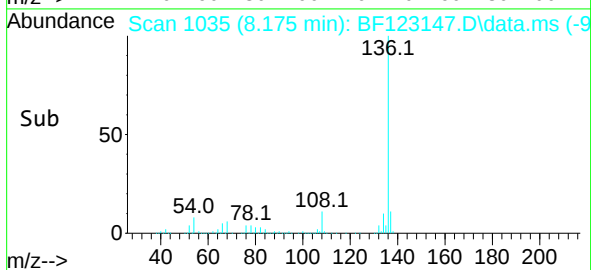
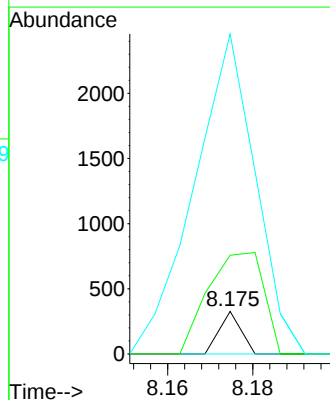
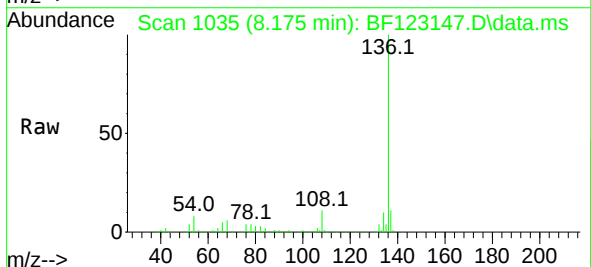
Instrument :
BNA_F
ClientSampleId :
PB134513BL

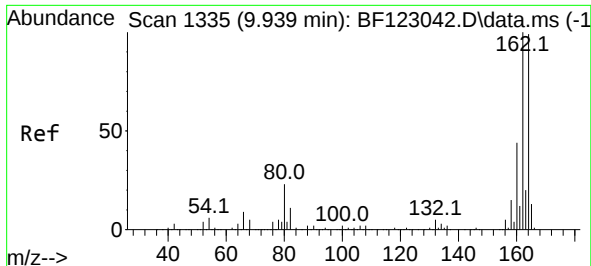
Tgt Ion: 82 Resp: 1245828
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Tgt Ion: 122 Resp: 115
Ion Ratio Lower Upper
122 100
105 231.8 104.8 144.8#
77 751.1 71.0 111.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF123147.D

Acq: 8 Feb 2021 16:57

Tgt Ion:164 Resp: 484672

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

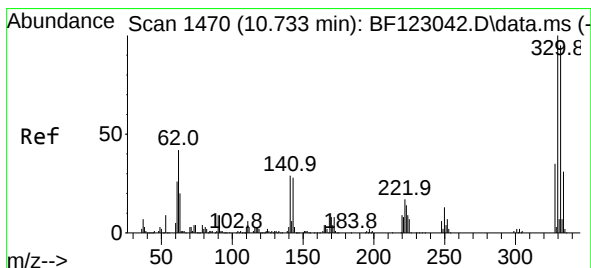
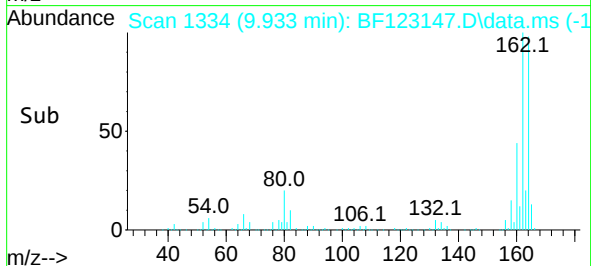
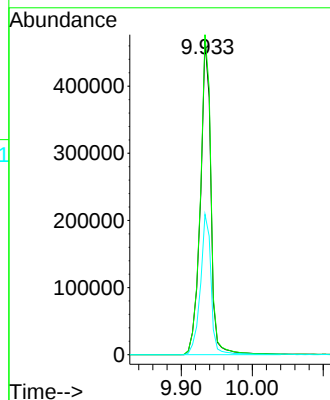
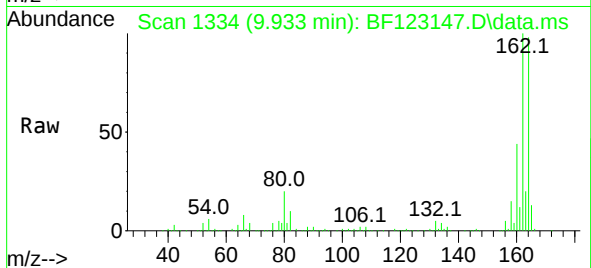
160 44.7 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

PB134513BL



#42

2,4,6-Tribromophenol

Concen: 119.05 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123147.D

Acq: 8 Feb 2021 16:57

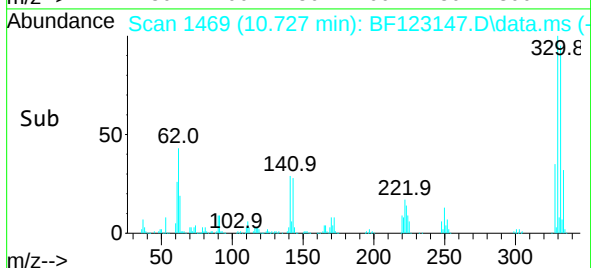
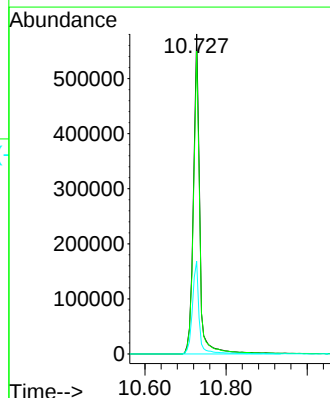
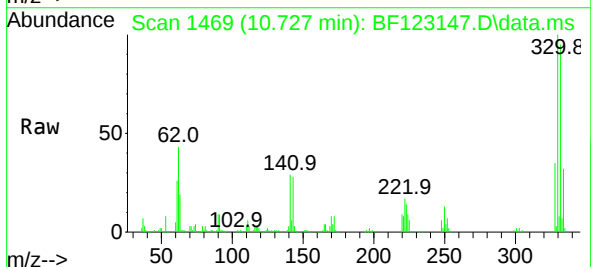
Tgt Ion:330 Resp: 626385

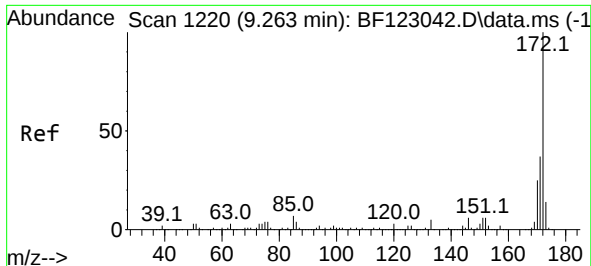
Ion Ratio Lower Upper

330 100

332 94.8 77.5 116.3

141 30.8 23.8 35.8

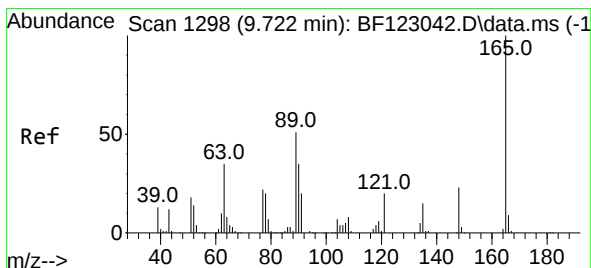
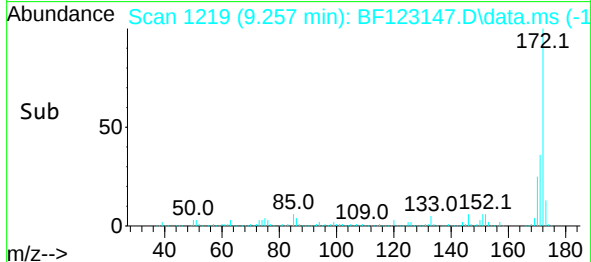
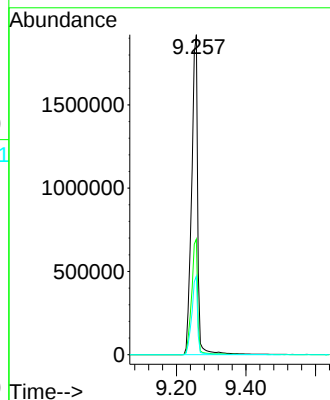
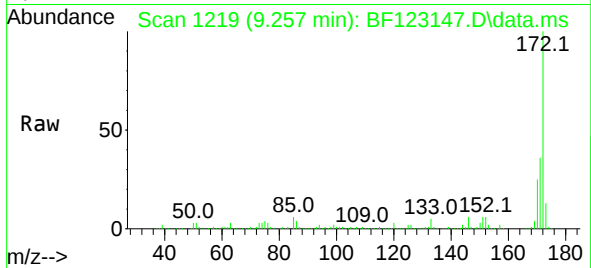




#45
2-Fluorobiphenyl
Concen: 72.18 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

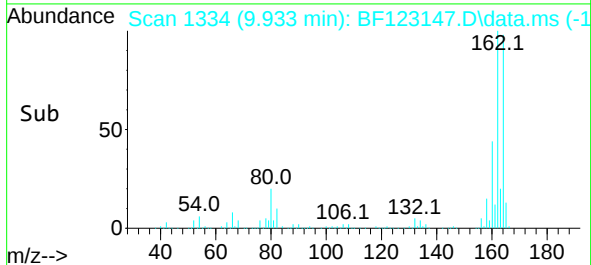
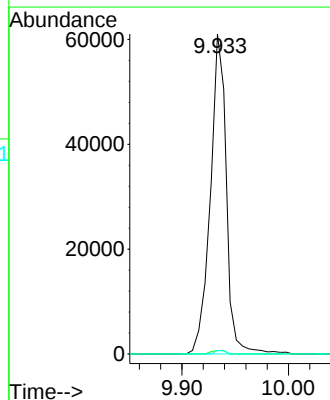
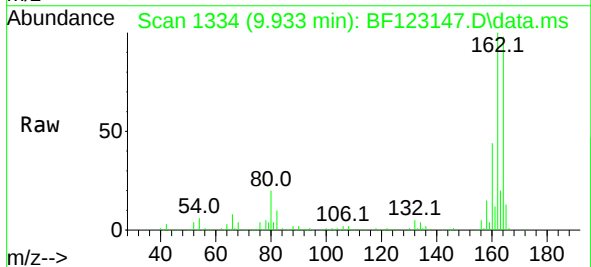
Instrument :
BNA_F
ClientSampleId :
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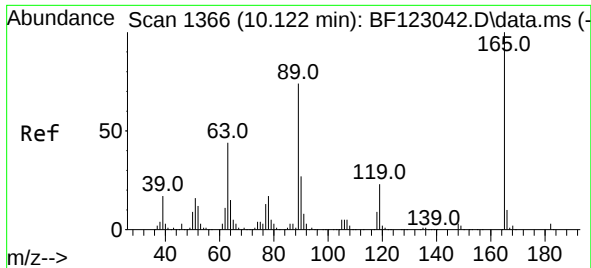
Tgt Ion:172 Resp: 2353216
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

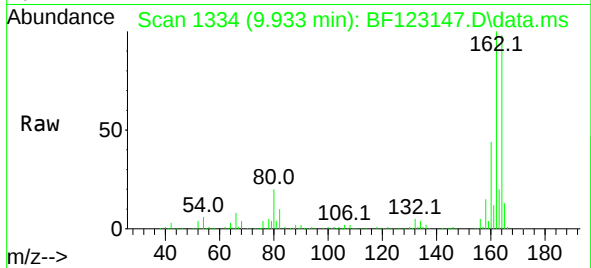
Tgt Ion:165 Resp: 63777
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



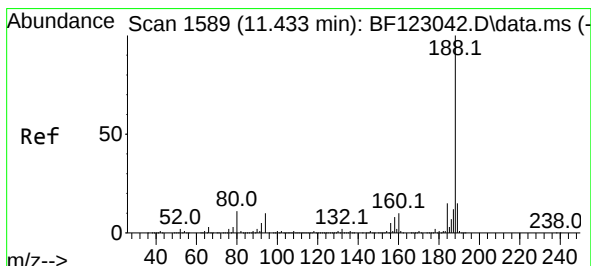
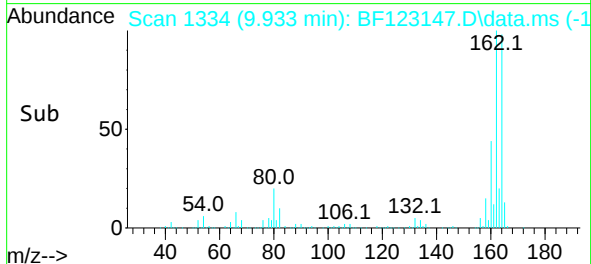
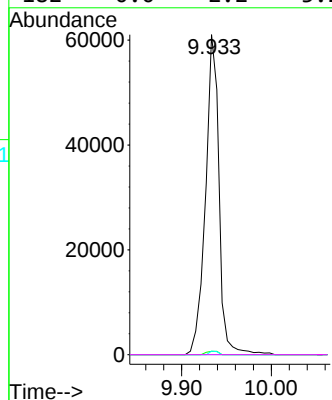


#57
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Instrument :
BNA_F
ClientSampleId :
PB134513BL

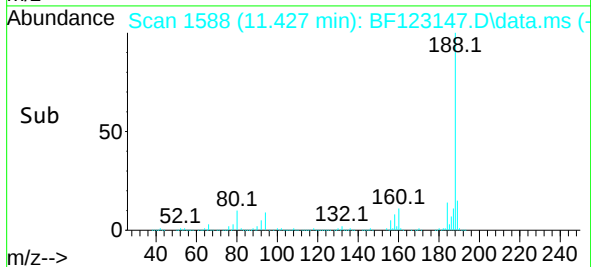
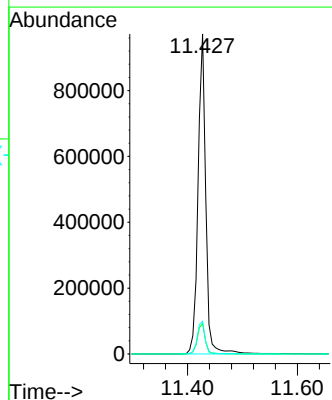
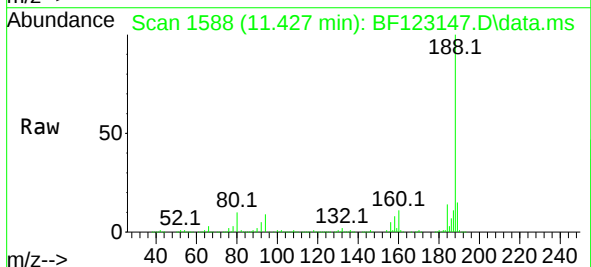


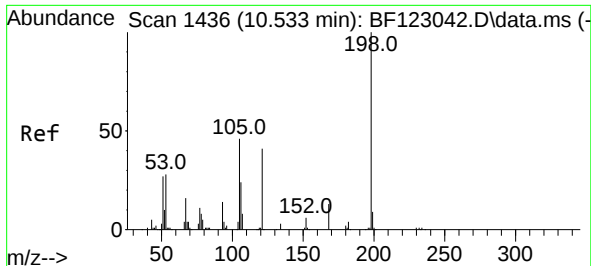
Tgt Ion:165 Resp: 63898
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Tgt Ion:188 Resp: 946905
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4

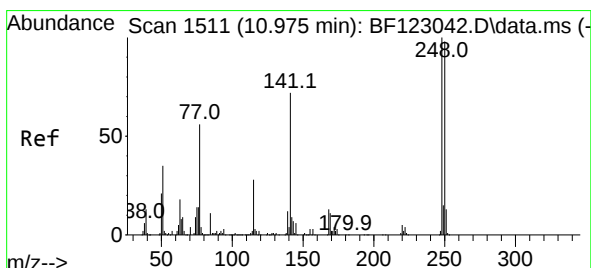
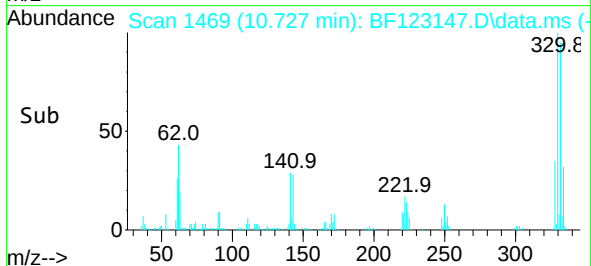
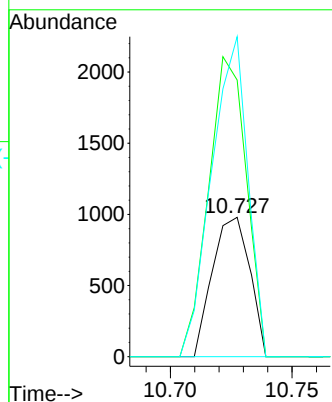
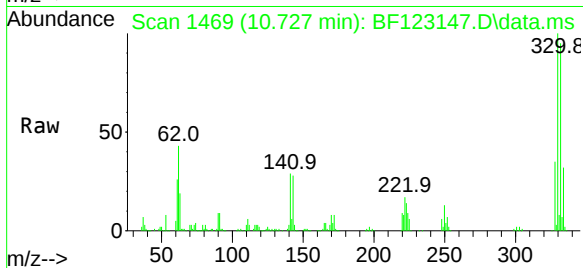




#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

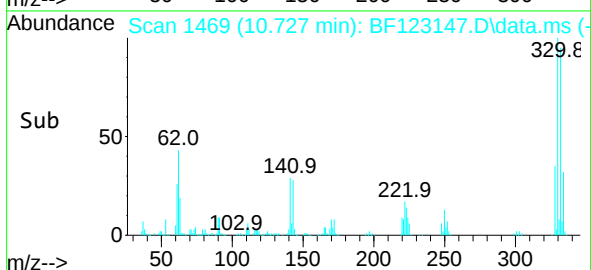
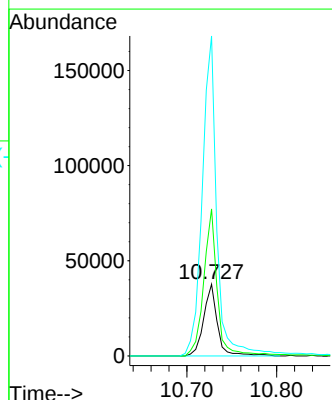
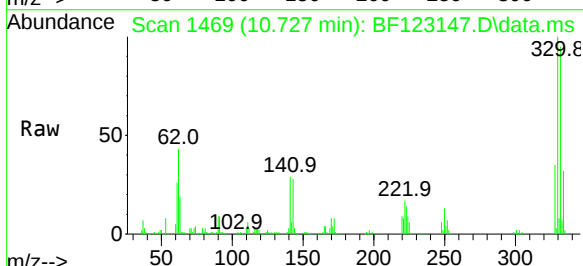
Instrument :
BNA_F
ClientSampleId :
PB134513BL

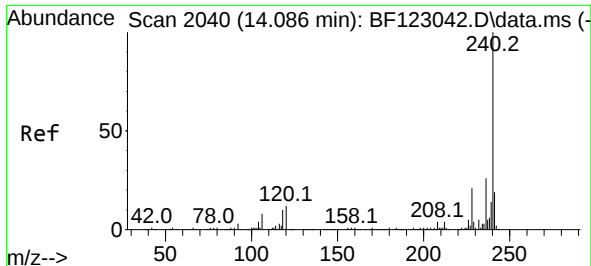
Tgt Ion:198 Resp: 1046
Ion Ratio Lower Upper
198 100
51 198.6 20.3 60.3#
105 229.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Tgt Ion:248 Resp: 40294
Ion Ratio Lower Upper
248 100
250 205.1 76.8 115.2#
141 446.4 59.8 89.8#

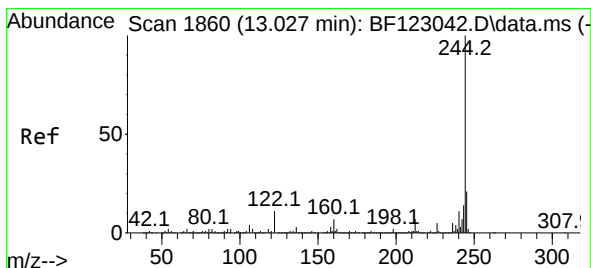
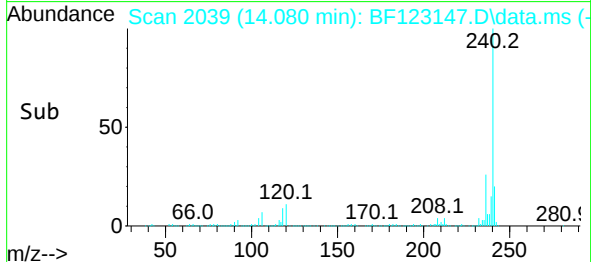
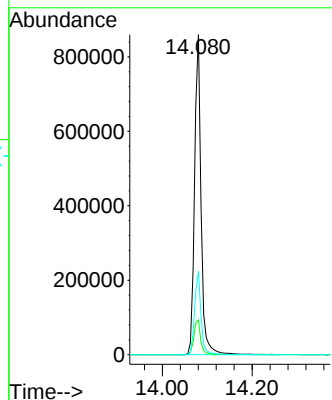
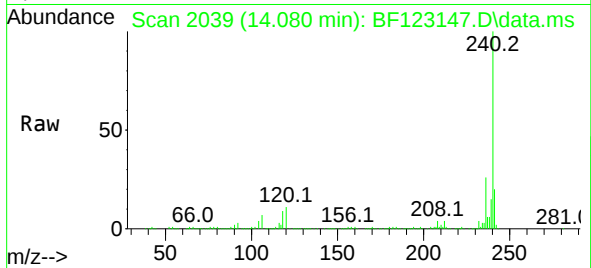




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF123147.D
 Acq: 8 Feb 2021 16:57

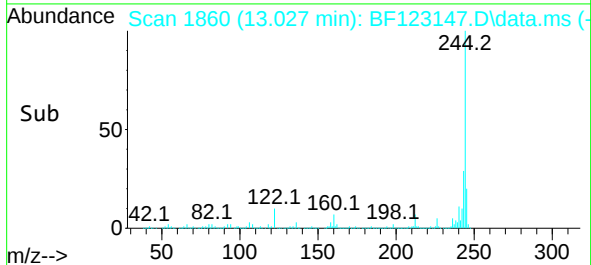
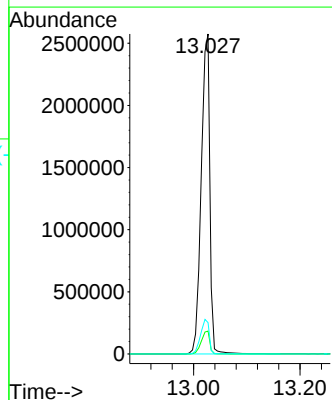
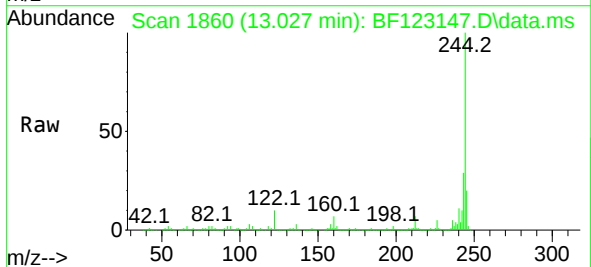
Instrument :
 BNA_F
 ClientSampleId :
 PB134513BL

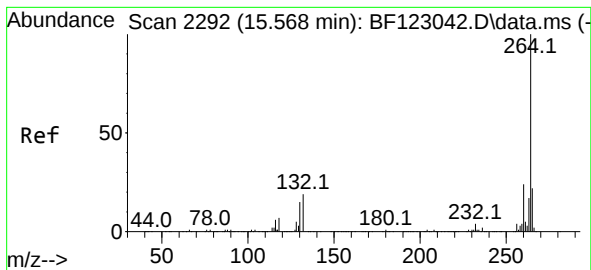
Tgt Ion:	240	Resp:	867370
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.6	12.8
236	26.1	20.3	30.5



#79
 Terphenyl-d14
 Concen: 65.48 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: BF123147.D
 Acq: 8 Feb 2021 16:57

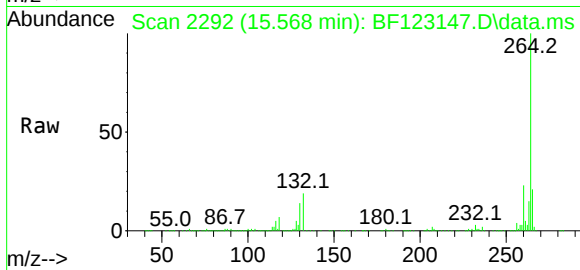
Tgt Ion:	244	Resp:	2890786
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.7	8.5
122	9.8	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123147.D
Acq: 8 Feb 2021 16:57

Instrument :
BNA_F
ClientSampleId :
PB134513BL



Tgt Ion:264 Resp: 754039
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.1 17.0 25.6

