

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123055.D
 Acq On : 28 Jan 2021 12:01
 Operator : JU/CG
 Sample : PB134374BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134374BL

Quant Time: Jan 28 14:54:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

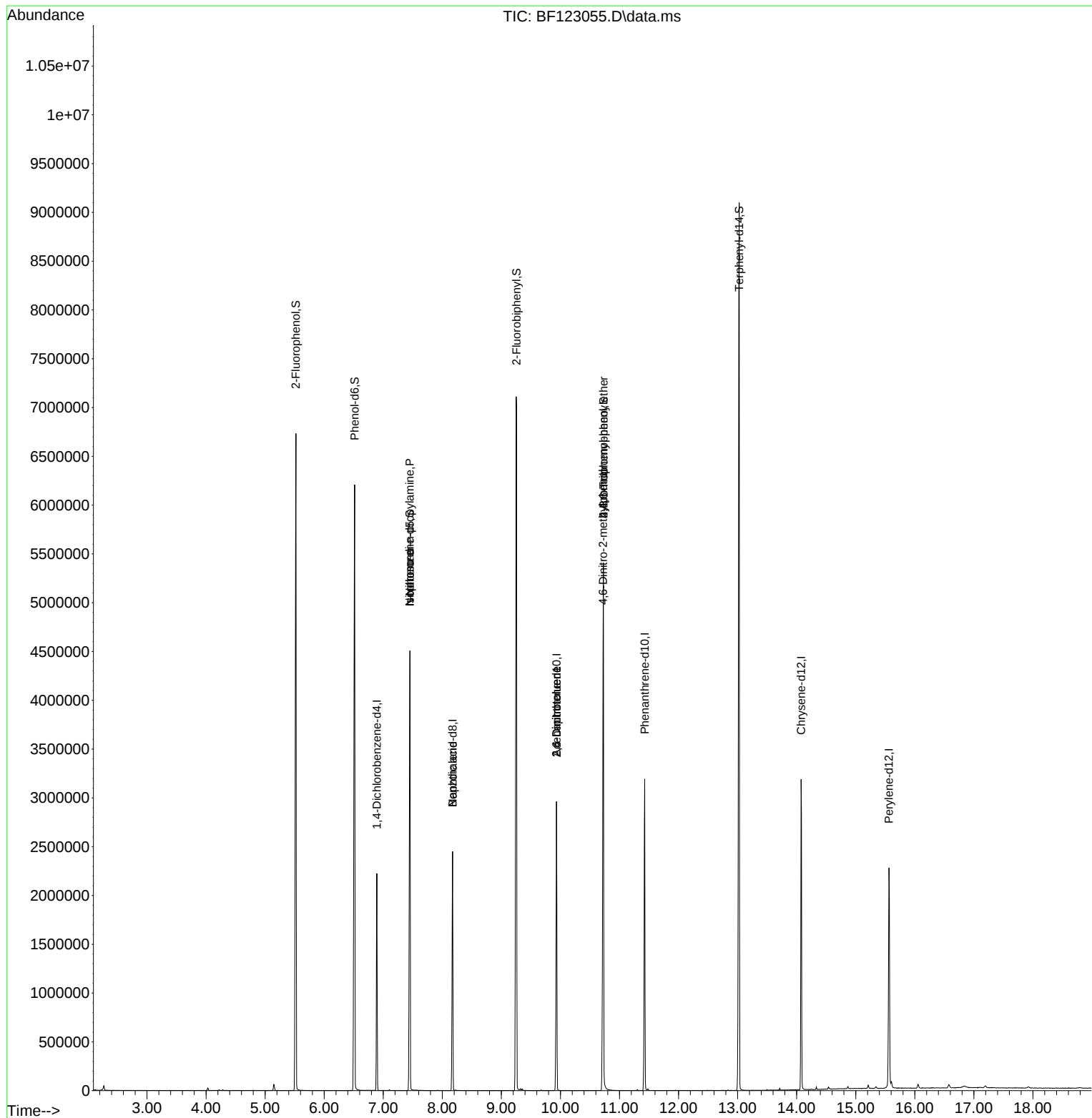
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	305021	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1204977	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	648181	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1195870	20.00	ng	0.00
76) Chrysene-d12	14.074	240	1092540	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	1019949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2092903	105.84	ng	0.02
7) Phenol-d6	6.516	99	2620097	97.76	ng	0.00
23) Nitrobenzene-d5	7.451	82	1677250	70.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	777527	110.50	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2894271	66.38	ng	0.00
79) Terphenyl-d14	13.027	244	3362544	60.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	225576	14.00	ng	# 80
25) Isophorone	7.451	82	1668897	38.05	ng	# 65
32) Benzoic acid	8.175	122	111	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	84042	7.76	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	84042	5.97	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.722	198	1715	5.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	50873	3.34	ng	# 1

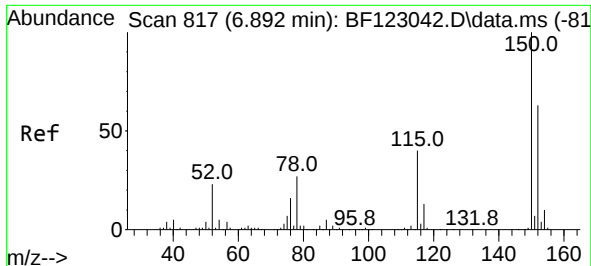
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123055.D
Acq On : 28 Jan 2021 12:01
Operator : JU/CG
Sample : PB134374BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134374BL

Quant Time: Jan 28 14:54:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

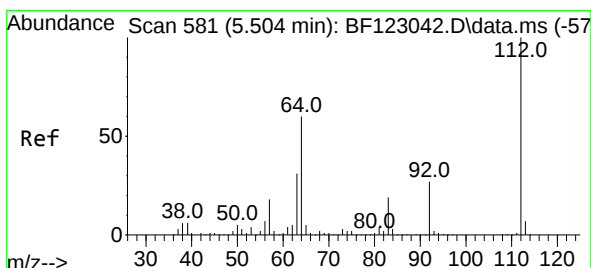
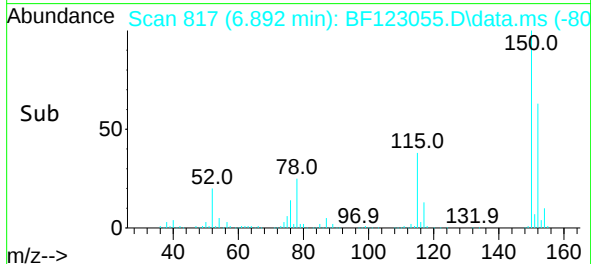
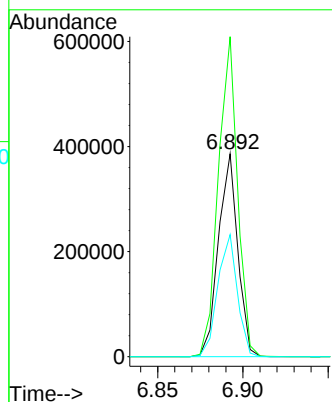
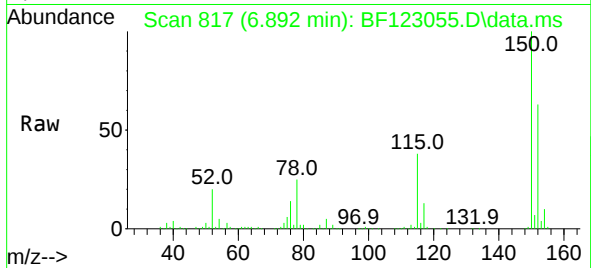




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

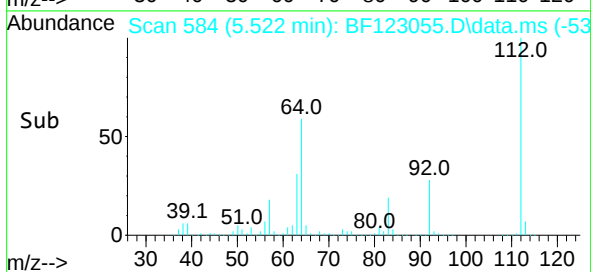
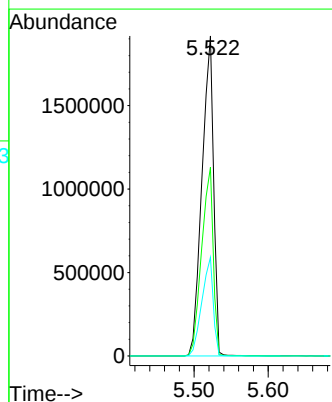
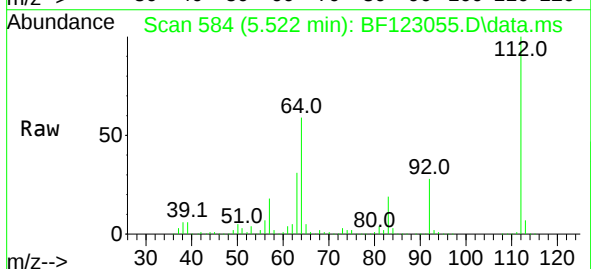
Instrument :
BNA_F
ClientSampleId :
PB134374BL

Tgt Ion:152 Resp: 305021
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 60.1 49.3 73.9



#5
2-Fluorophenol
Concen: 105.84 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

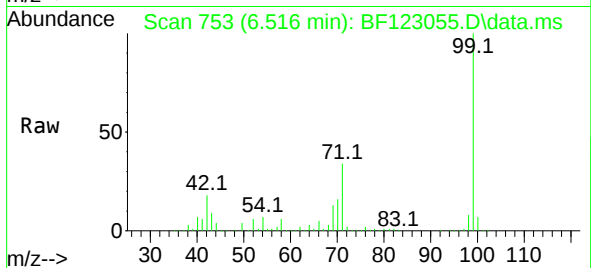
Tgt Ion:112 Resp: 2092903
Ion Ratio Lower Upper
112 100
64 59.0 46.9 70.3
63 30.8 24.5 36.7





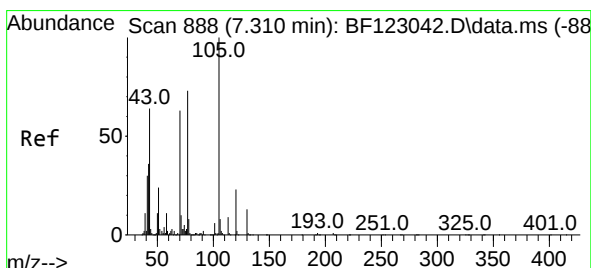
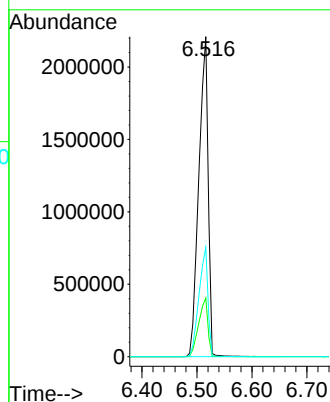
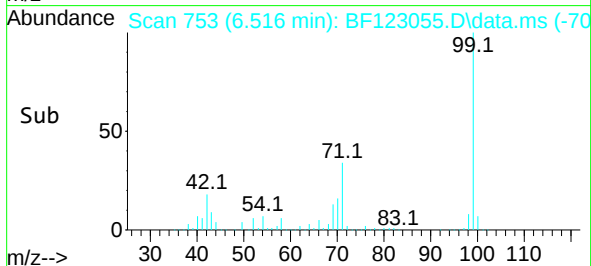
#7
Phenol-d6
Concen: 97.76 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Instrument :
BNA_F
ClientSampleId :
PB134374BL

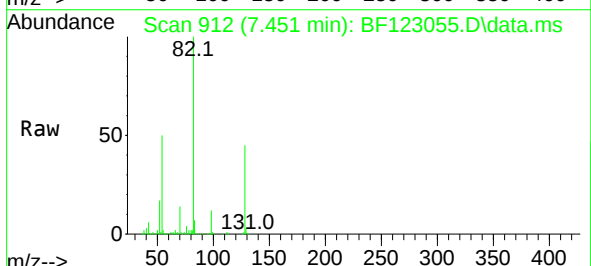


Tgt Ion: 99 Resp: 2620097

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	34.2	26.9	40.3

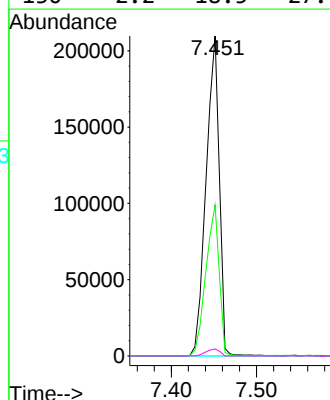
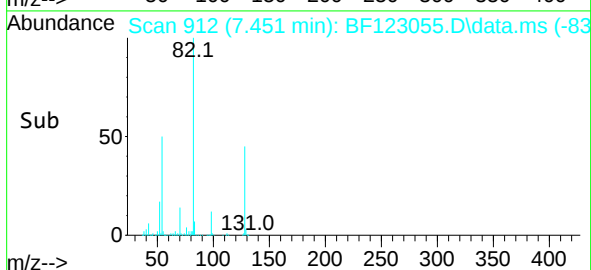


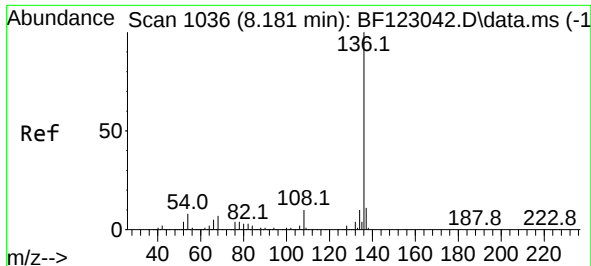
#19
n-Nitroso-di-n-propylamine
Concen: 14.00 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01



Tgt Ion: 70 Resp: 225576

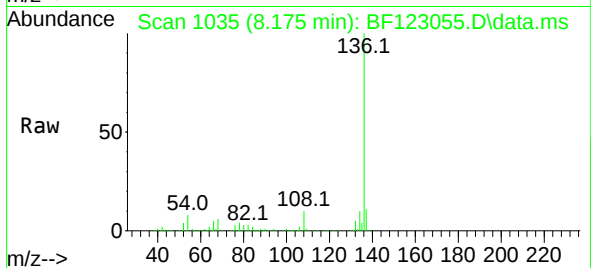
Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#





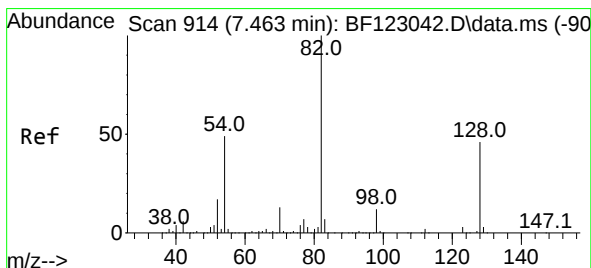
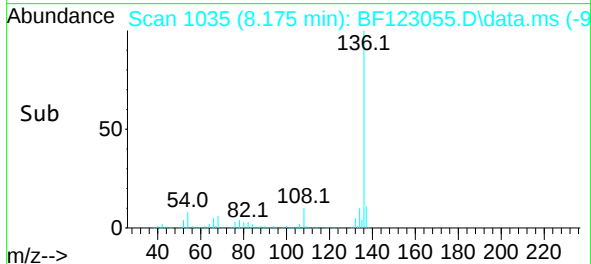
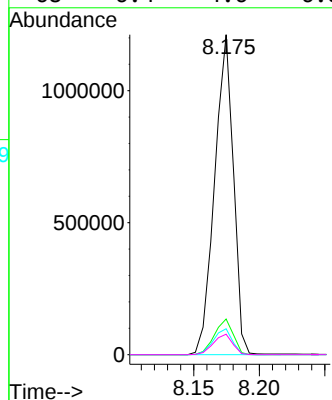
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Instrument :
BNA_F
ClientSampleId :
PB134374BL



Tgt Ion:136 Resp: 1204977

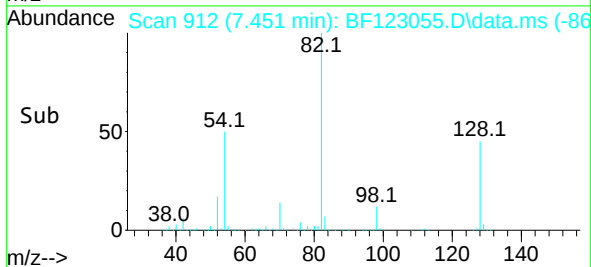
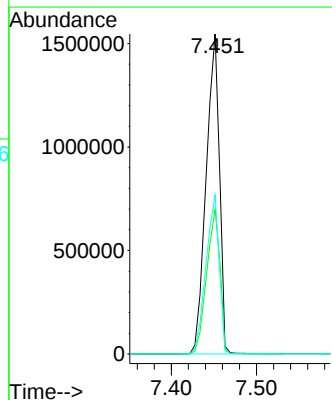
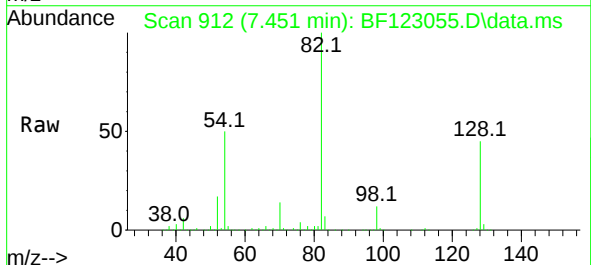
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	5.5	8.3
68	6.4	4.6	6.8

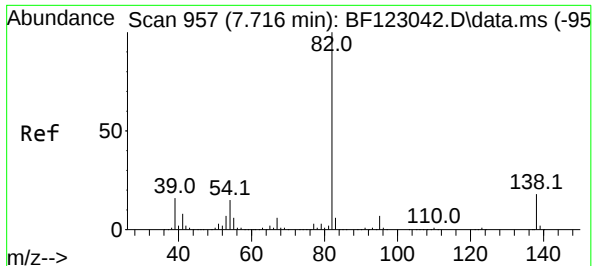


#23
Nitrobenzene-d5
Concen: 70.05 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Tgt Ion: 82 Resp: 1677250

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	49.6	38.4	57.6

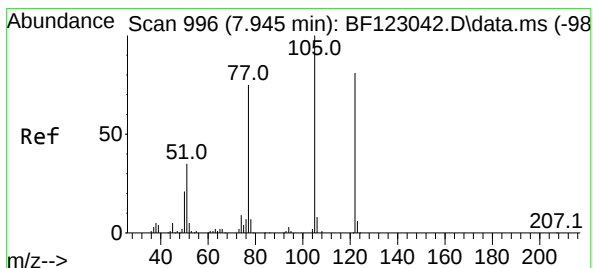
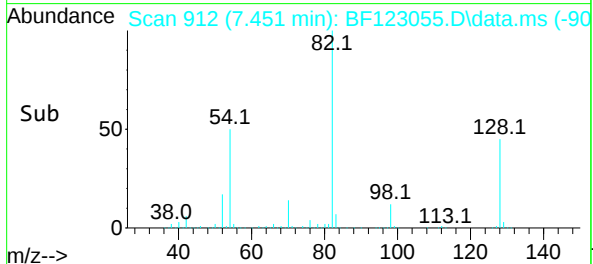
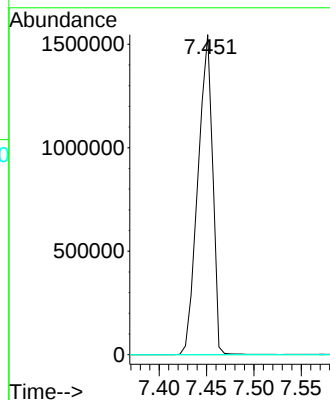
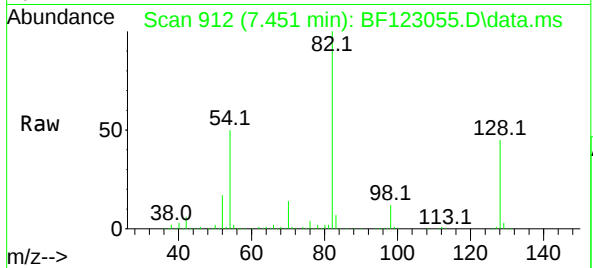




#25
Isophorone
Concen: 38.05 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

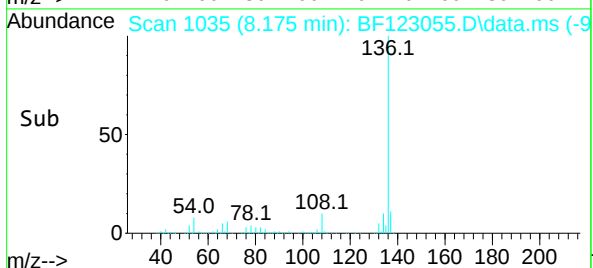
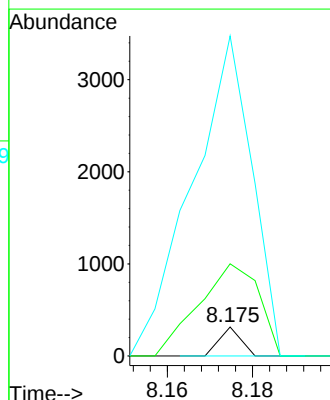
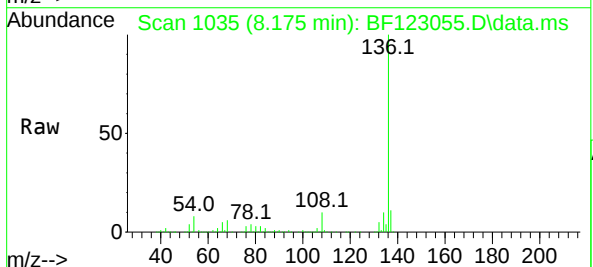
Instrument :
BNA_F
ClientSampleId :
PB134374BL

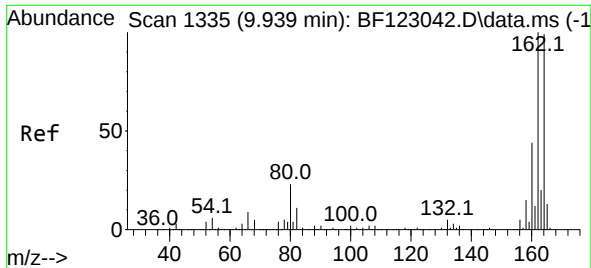
Tgt Ion: 82 Resp: 1668897
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 318.8 104.8 144.8#
77 1106.7 71.0 111.0#

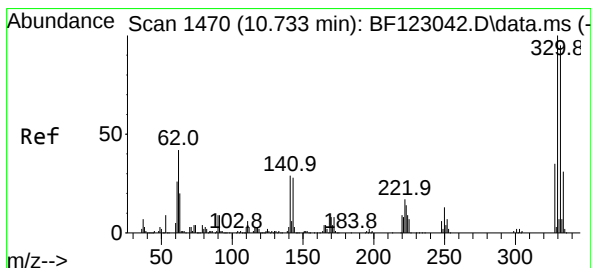
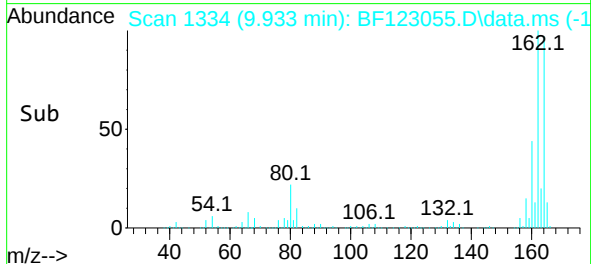
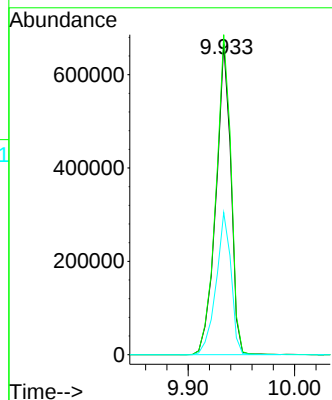
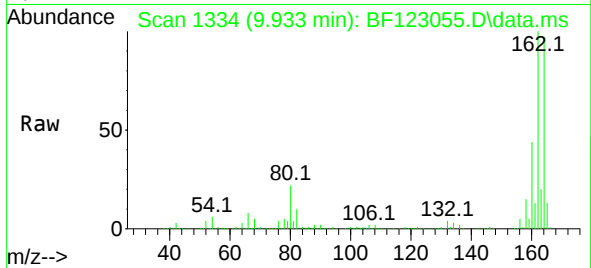




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

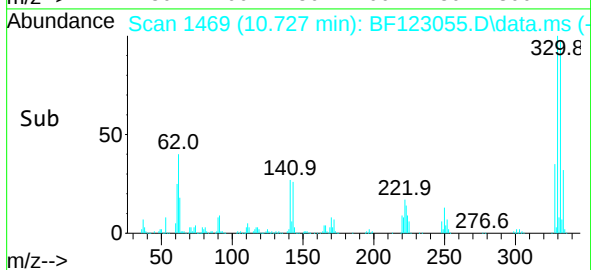
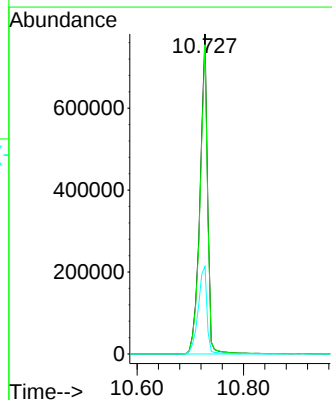
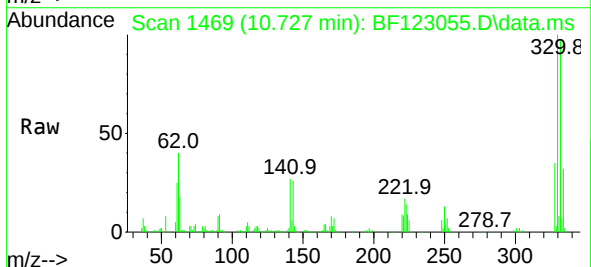
Instrument :
BNA_F
ClientSampleId :
PB134374BL

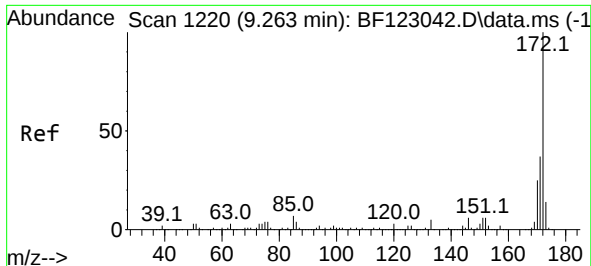
Tgt Ion:164 Resp: 648181
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.50 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Tgt Ion:330 Resp: 777527
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 31.7 23.8 35.8

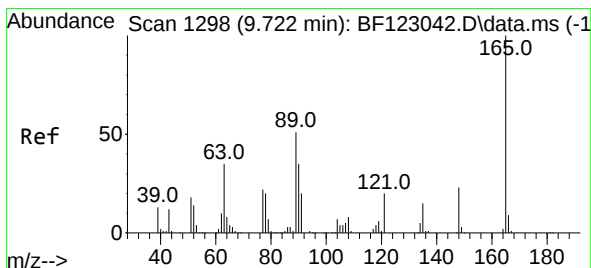
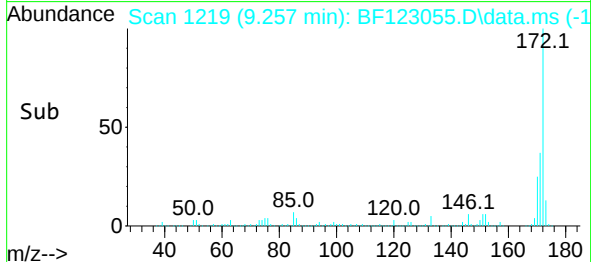
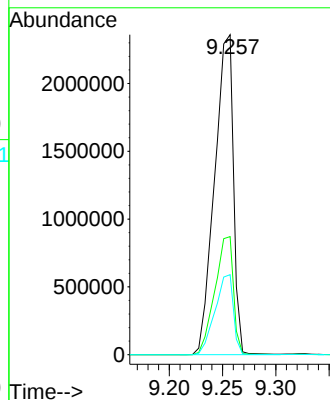
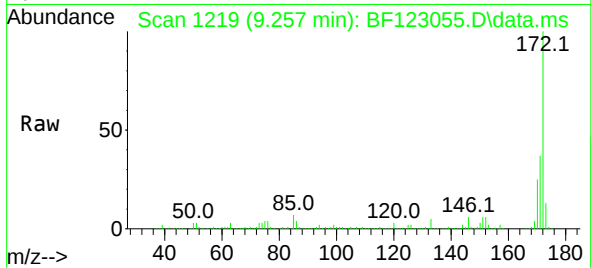




#45
2-Fluorobiphenyl
Concen: 66.38 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

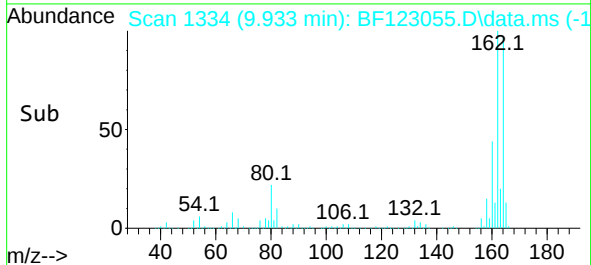
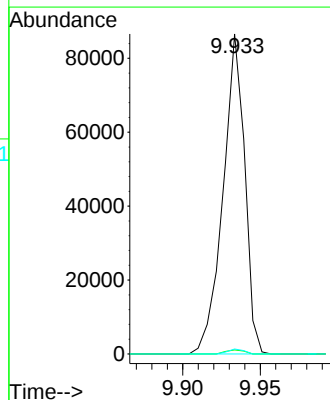
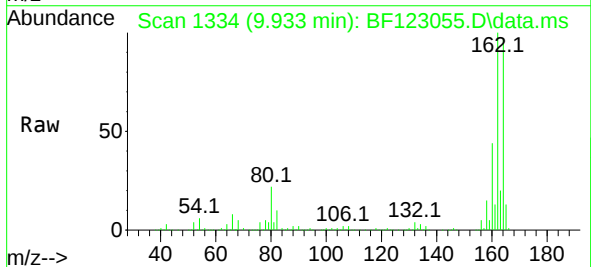
Instrument :
BNA_F
ClientSampleId :
PB134374BL

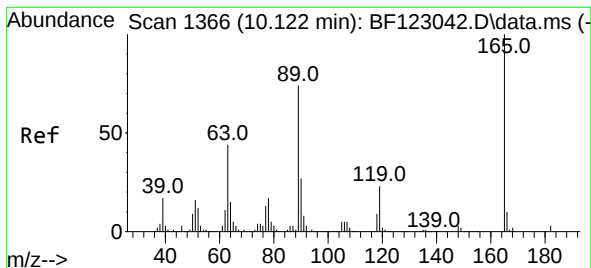
Tgt Ion:172 Resp: 2894271
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

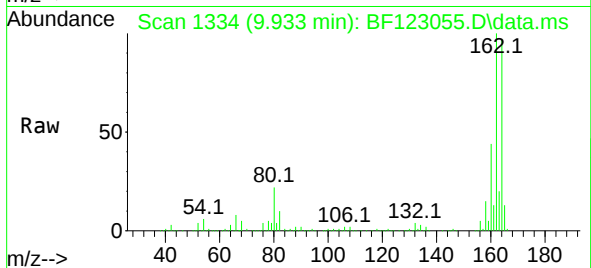
Tgt Ion:165 Resp: 84042
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



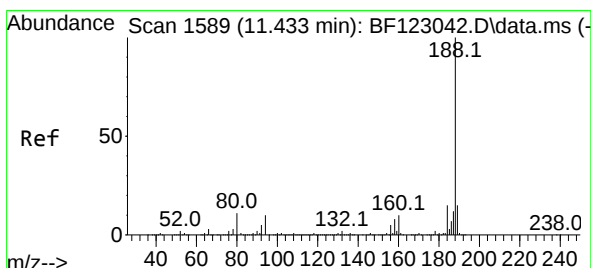
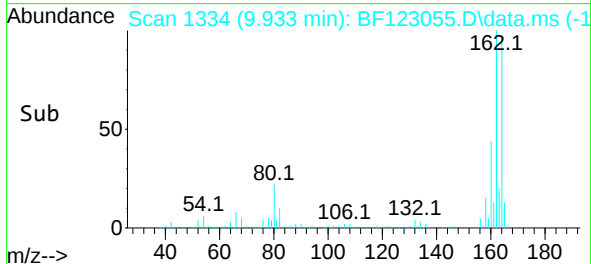
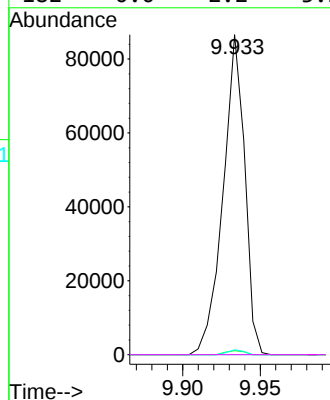


#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Instrument :
BNA_F
ClientSampleId :
PB134374BL

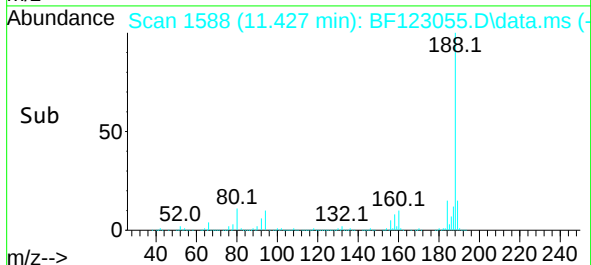
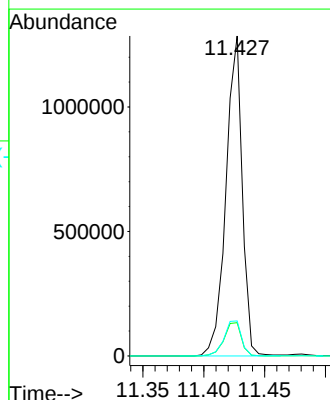
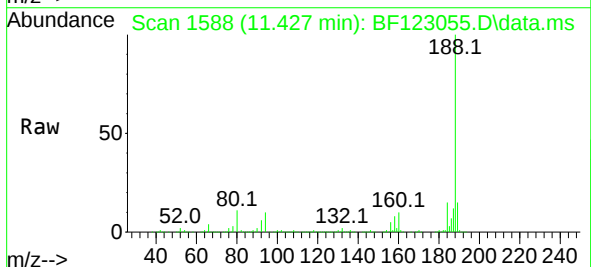


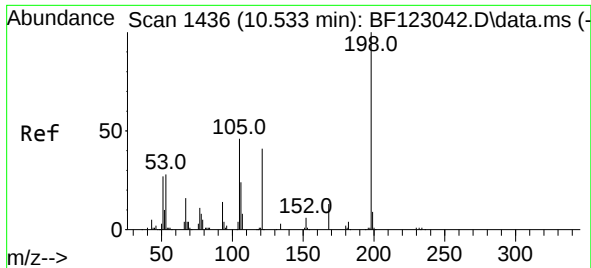
Tgt Ion:165 Resp: 84042
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Tgt Ion:188 Resp: 1195870
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.9 8.2 12.4

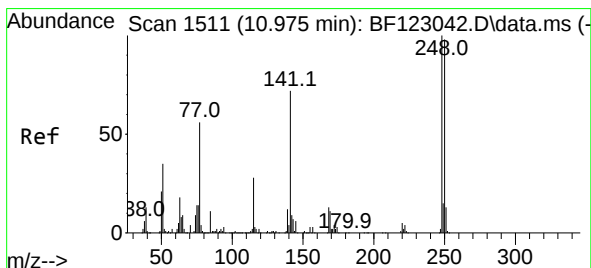
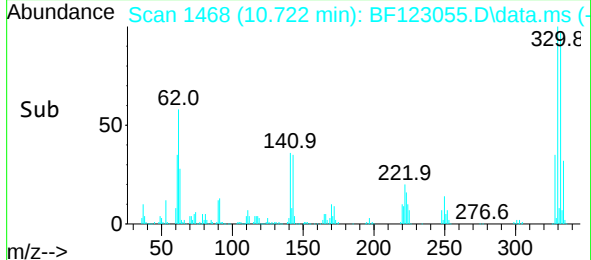
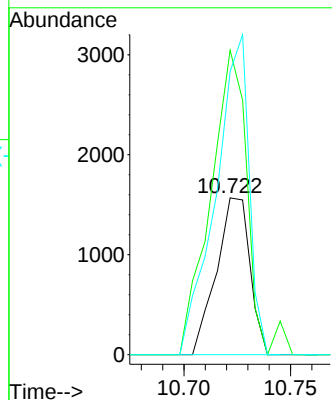
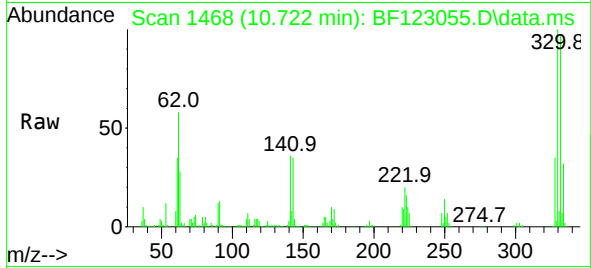




#65
4,6-Dinitro-2-methylphenol
Concen: 5.21 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

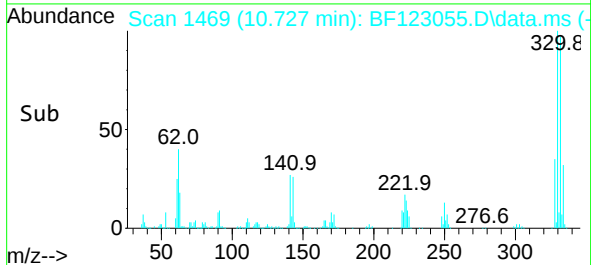
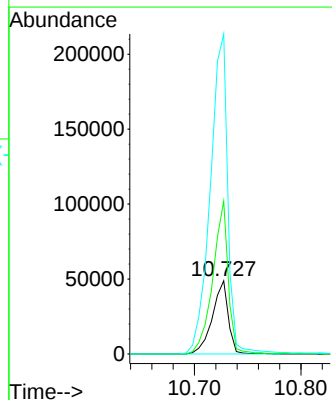
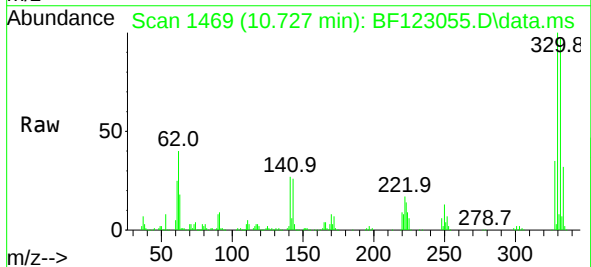
Instrument :
BNA_F
ClientSampleId :
PB134374BL

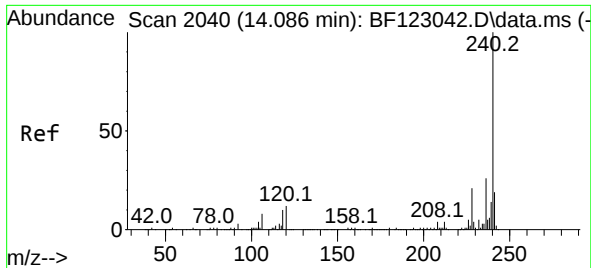
Tgt Ion:198 Resp: 1715
Ion Ratio Lower Upper
198 100
51 194.3 20.3 60.3#
105 180.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

Tgt Ion:248 Resp: 50873
Ion Ratio Lower Upper
248 100
250 208.9 76.8 115.2#
141 437.6 59.8 89.8#

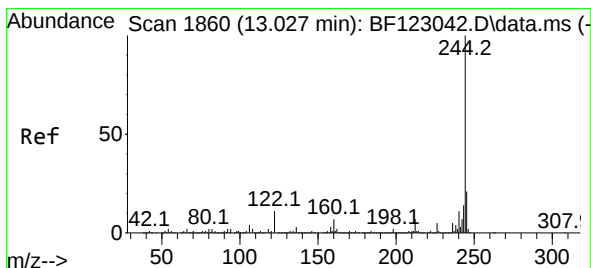
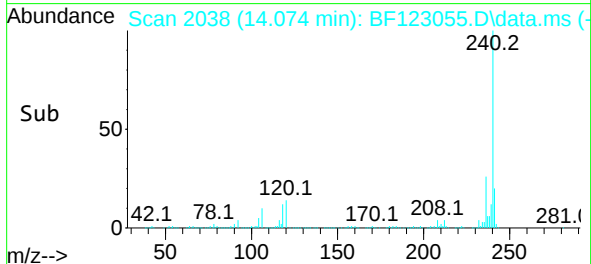
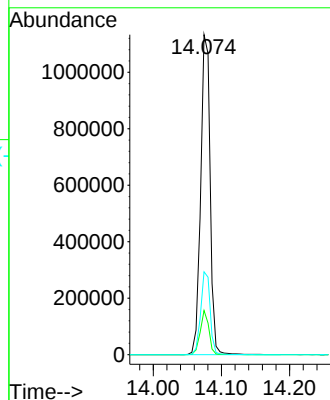
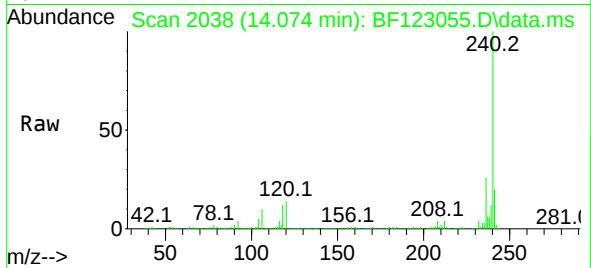




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

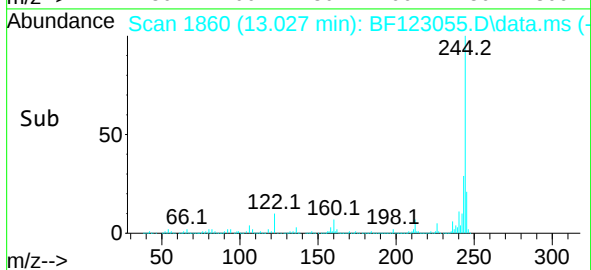
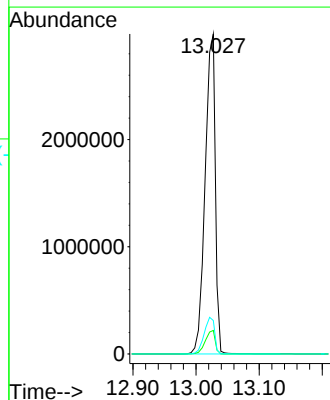
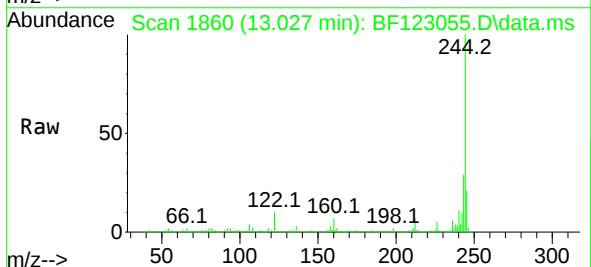
Instrument :
BNA_F
ClientSampleId :
PB134374BL

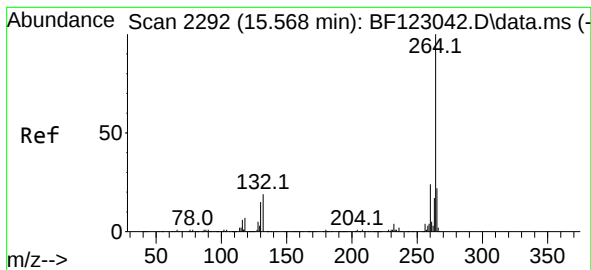
Tgt Ion:240 Resp: 1092540
Ion Ratio Lower Upper
240 100
120 13.8 8.6 12.8#
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 60.47 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123055.D
Acq: 28 Jan 2021 12:01

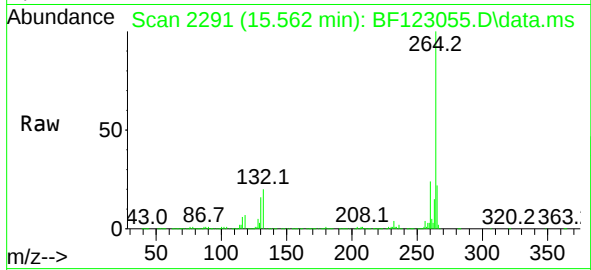
Tgt Ion:244 Resp: 3362544
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123055.D
 Acq: 28 Jan 2021 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB134374BL



Tgt Ion:264 Resp: 1019949

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.6	17.0	25.6

