

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123098.D
 Acq On : 3 Feb 2021 11:58
 Operator : JU/CG
 Sample : M1284-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012921

Quant Time: Feb 03 12:22:10 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)

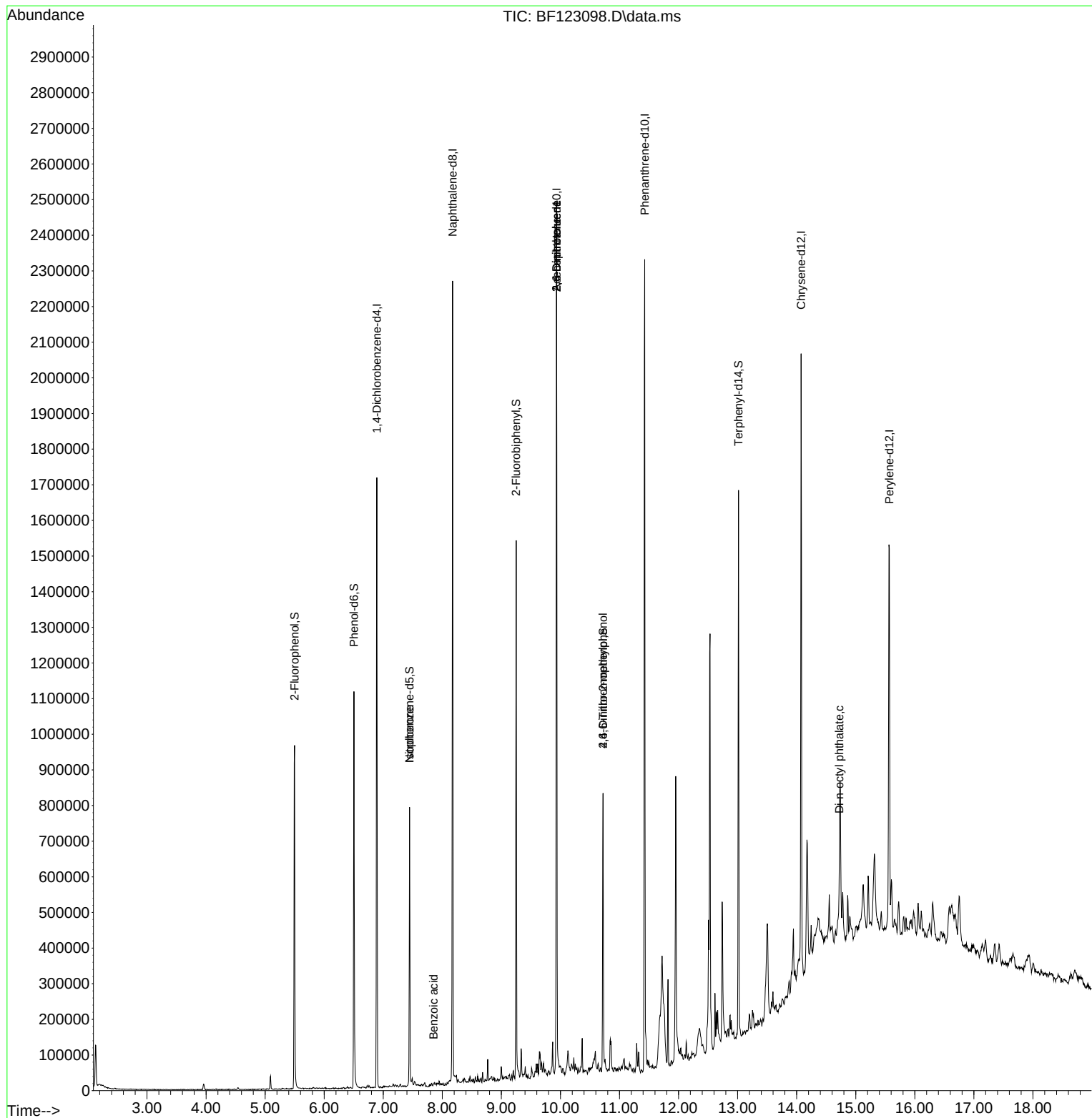
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	233453	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	889296	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	475034	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	832924	20.00	ng	0.00
76) Chrysene-d12	14.074	240	574294	20.00	ng	-0.01
86) Perylene-d12	15.568	264	530775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	278301	18.39	ng	0.00
7) Phenol-d6	6.504	99	348215	16.97	ng	-0.01
23) Nitrobenzene-d5	7.445	82	211903	11.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	90887	17.62	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	422367	13.22	ng	-0.01
79) Terphenyl-d14	13.016	244	436831	14.94	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	211898	6.55	ng	# 65
32) Benzoic acid	7.851	122	867	4.99	ng	87
51) 2,6-Dinitrotoluene	9.933	165	63467	7.99	ng	# 32
57) 2,4-Dinitrotoluene	9.933	165	63656	6.17	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.722	198	242	5.02	ng	# 1
85) Di-n-octyl phthalate	14.721	149	84599	2.03	ng	# 1

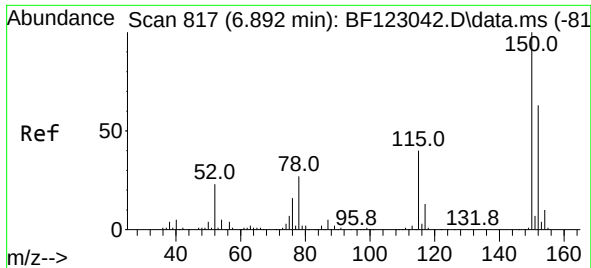
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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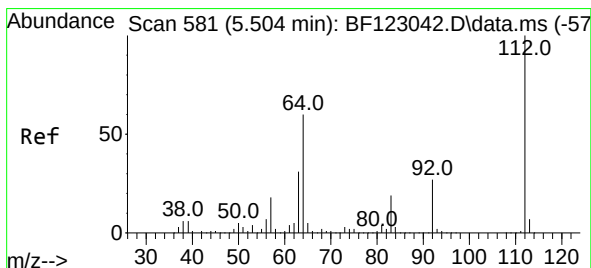
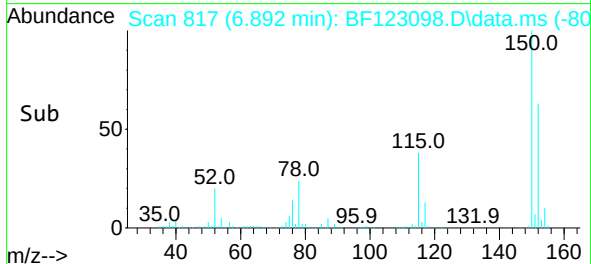
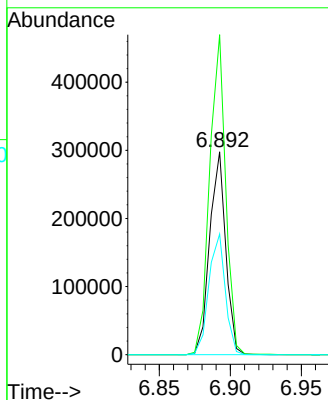
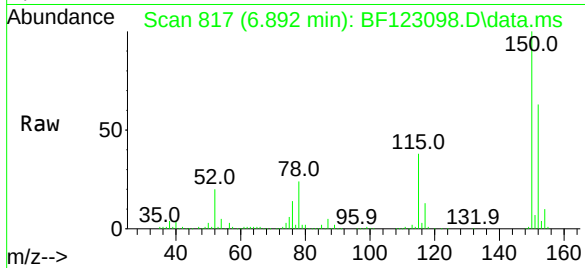




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123098.D
 Acq: 3 Feb 2021 11:58

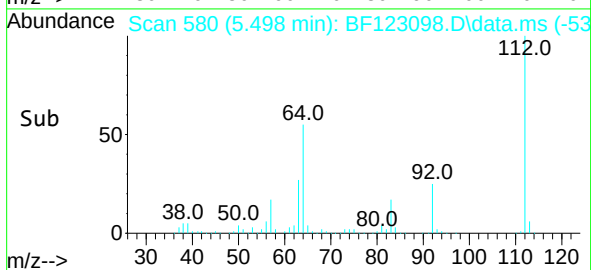
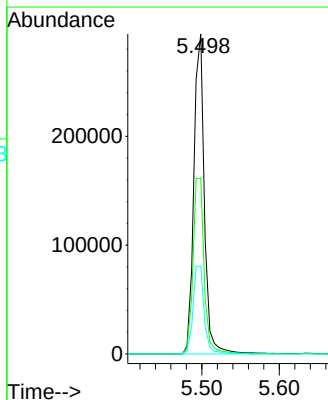
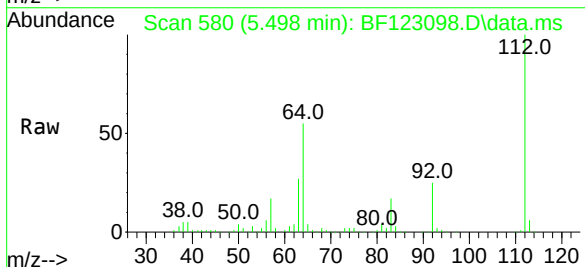
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012921

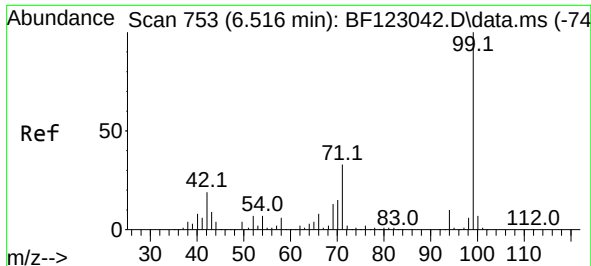
Tgt Ion:152 Resp: 233453
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 59.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 18.39 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.006 min
 Lab File: BF123098.D
 Acq: 3 Feb 2021 11:58

Tgt Ion:112 Resp: 278301
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.9 70.3
 63 27.4 24.5 36.7

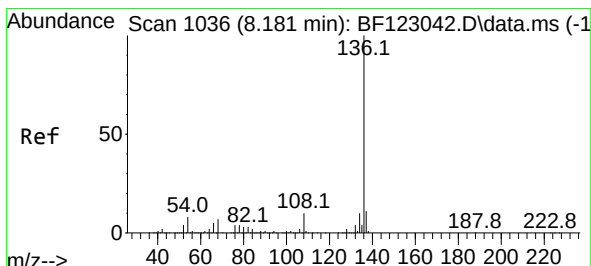
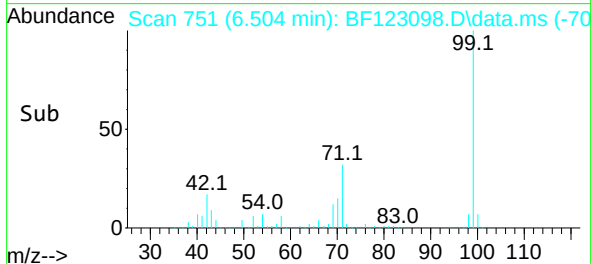
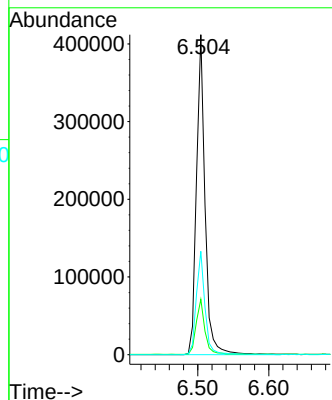
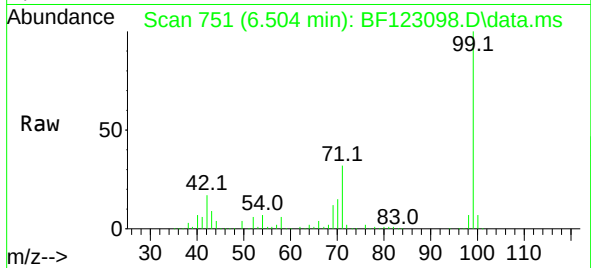




#7
Phenol-d6
Concen: 16.97 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

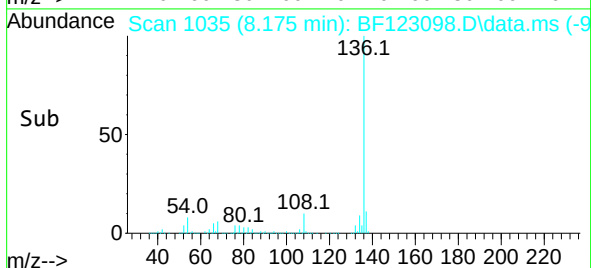
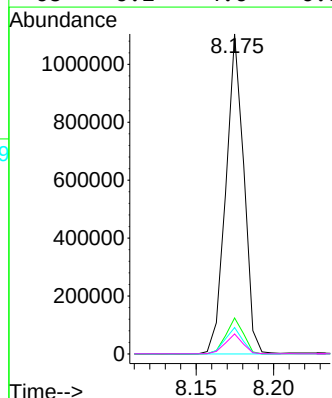
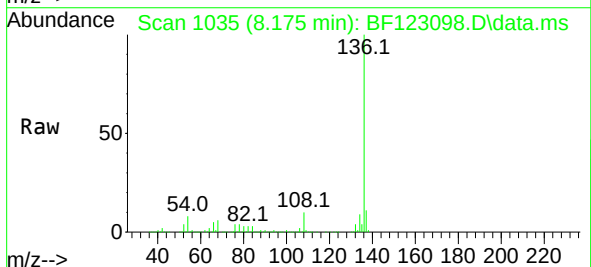
Instrument :
BNA_F
ClientSampleId :
TR-04-012921

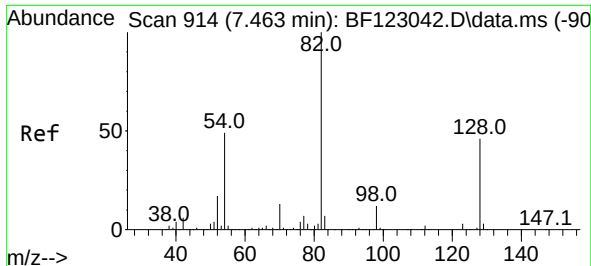
Tgt Ion: 99 Resp: 348215
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 32.3 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion: 136 Resp: 889296
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 5.5 8.3
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 11.99 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.018 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion: 82 Resp: 211903

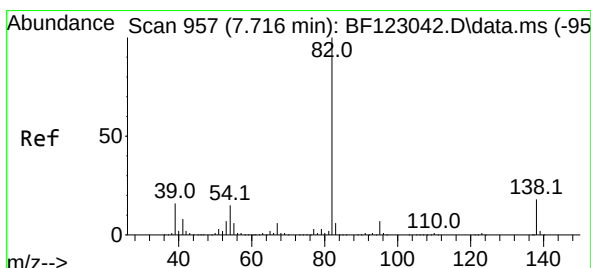
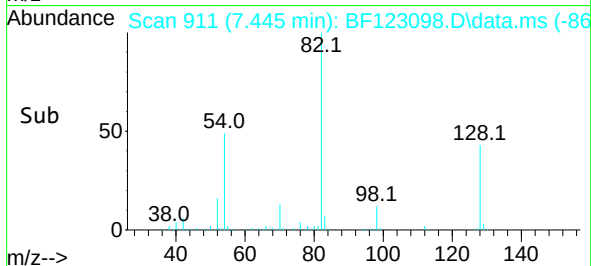
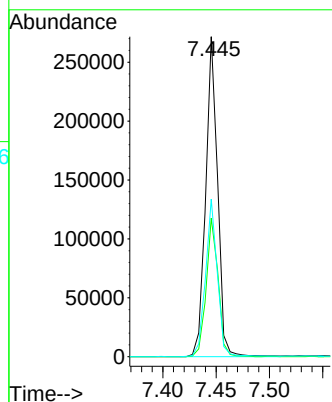
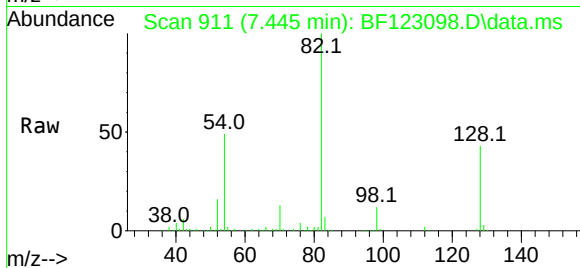
Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.0	55.4
54	49.2	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

TR-04-012921



#25

Isophorone

Concen: 6.55 ng

RT: 7.445 min Scan# 911

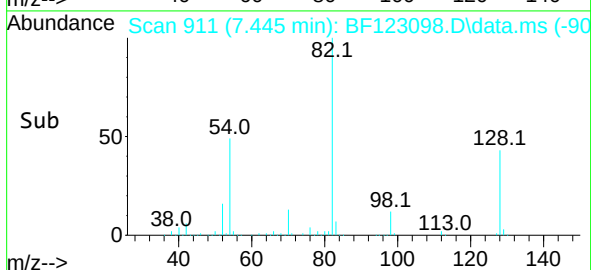
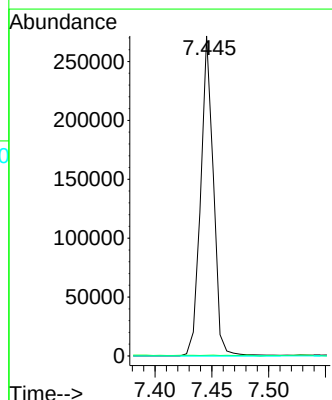
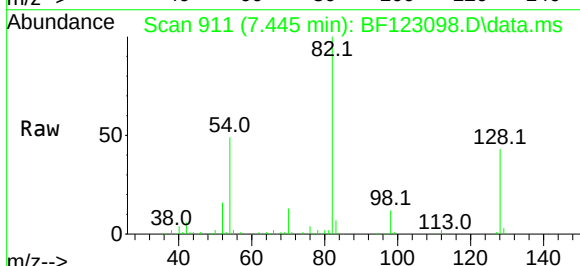
Delta R.T. -0.271 min

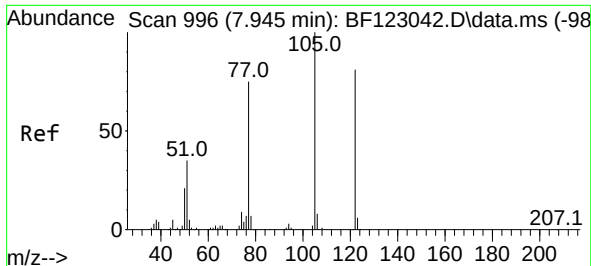
Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion: 82 Resp: 211898

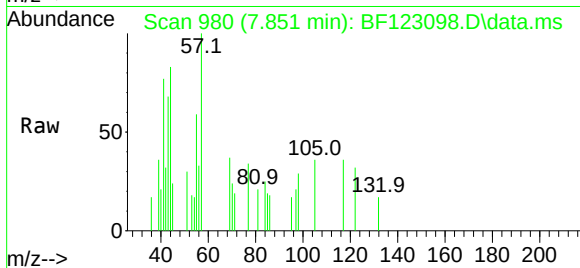
Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	14.6	21.8#



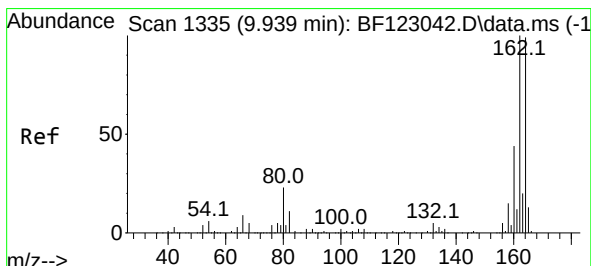
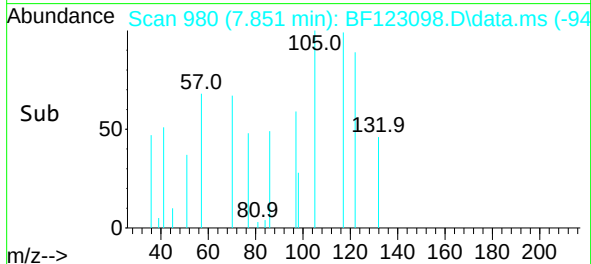
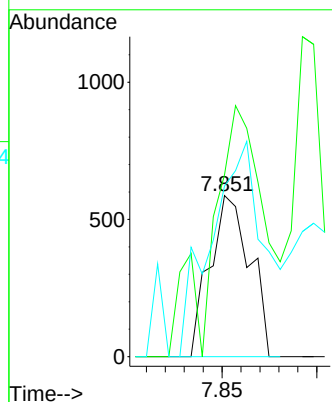


#32
Benzoic acid
Concen: 4.99 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.094 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Instrument :
BNA_F
ClientSampleId :
TR-04-012921

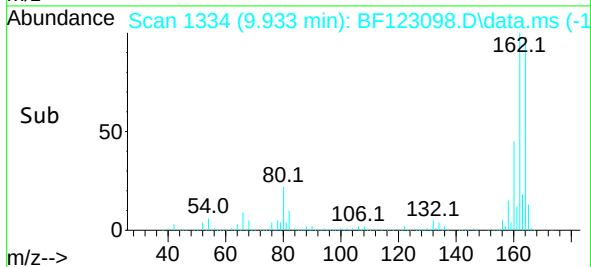
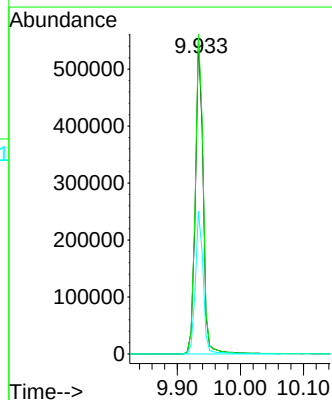
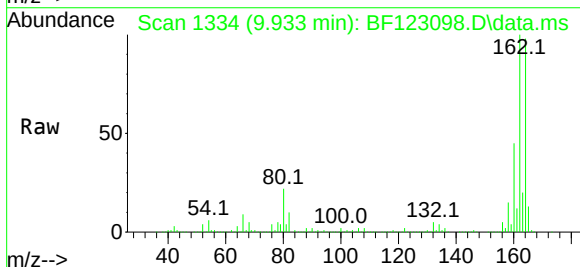


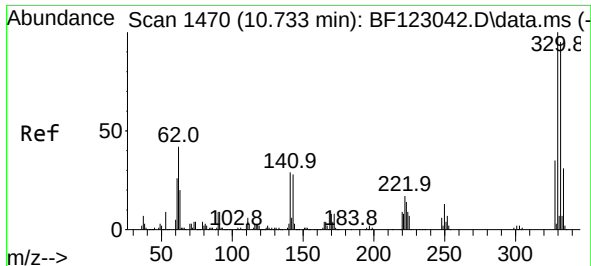
Tgt Ion:122 Resp: 867
Ion Ratio Lower Upper
122 100
105 112.9 104.8 144.8
77 106.0 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion:164 Resp: 475034
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.4 35.4 53.0

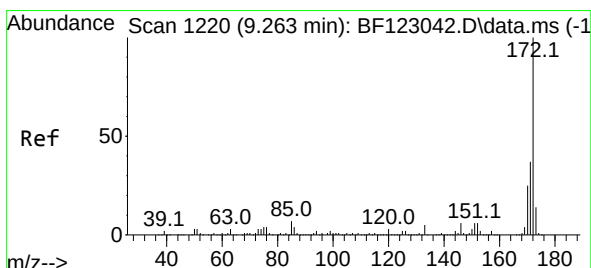
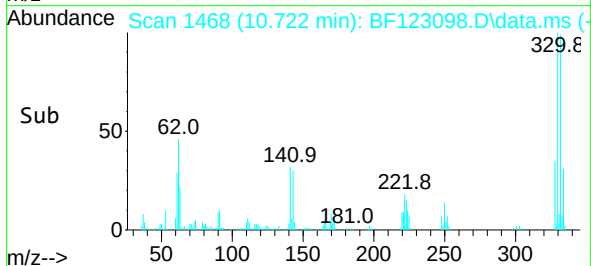
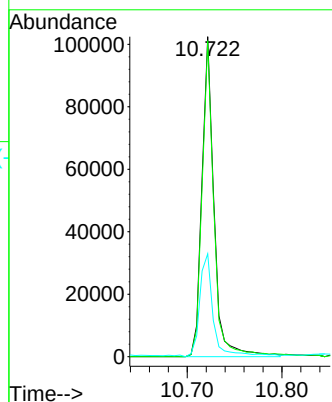
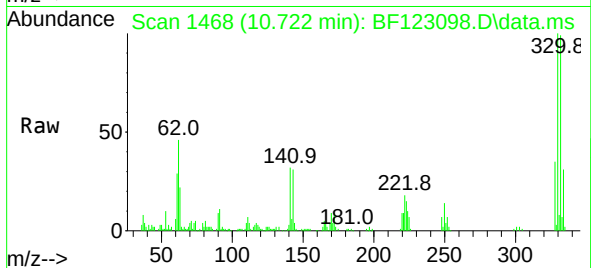




#42
2,4,6-Tribromophenol
Concen: 17.62 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

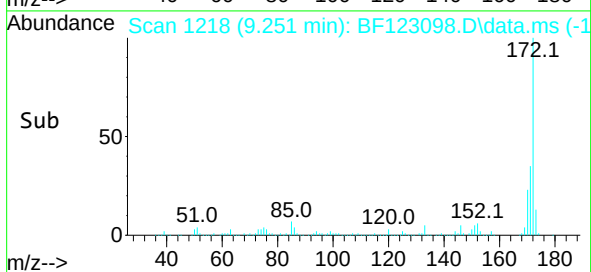
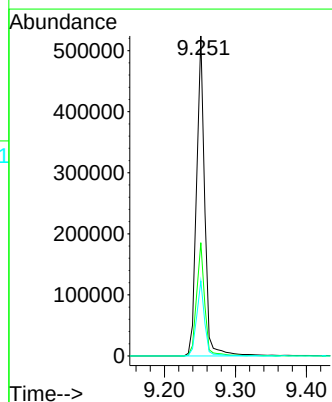
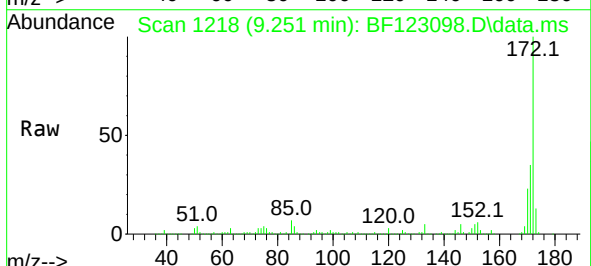
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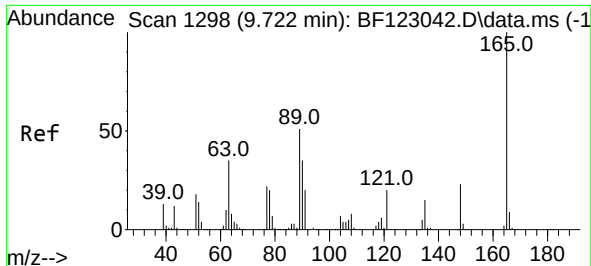
Tgt Ion: 330 Resp: 90887
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.7 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 13.22 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion: 172 Resp: 422367
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.5 19.5 29.3

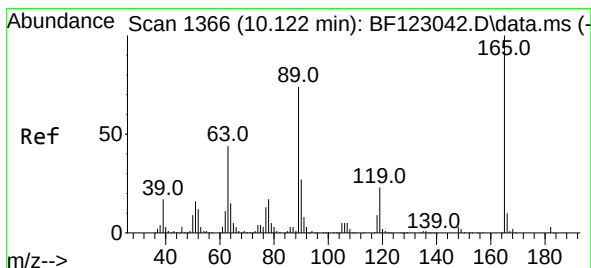
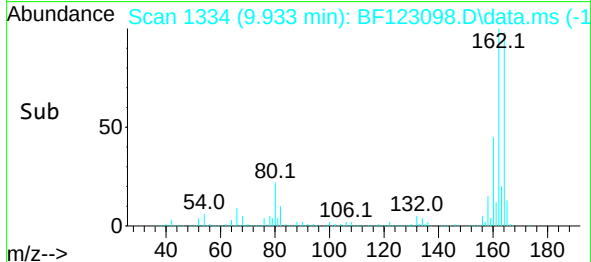
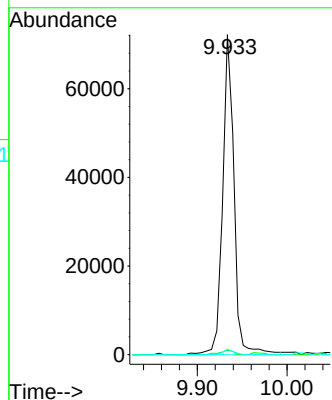
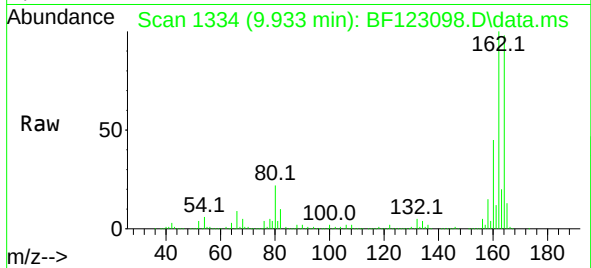




#51
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

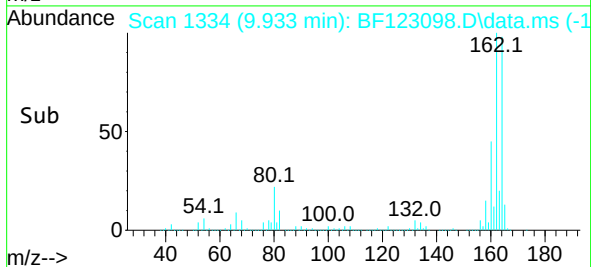
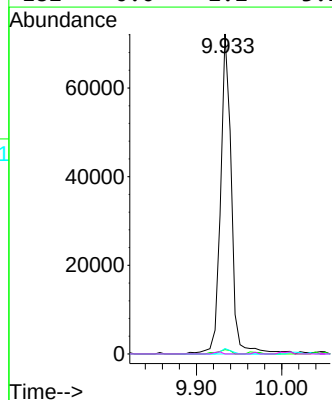
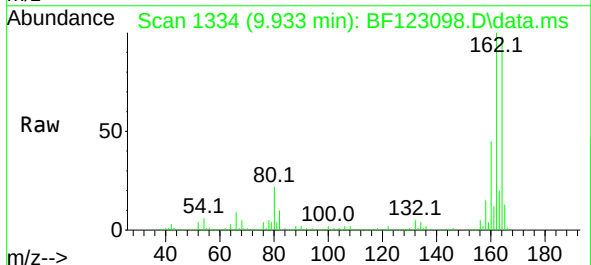
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TR-04-012921

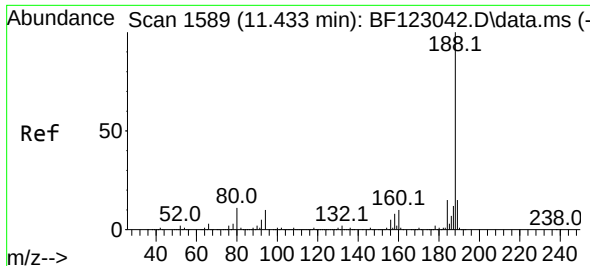
Tgt Ion:165 Resp: 63467
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion:165 Resp: 63656
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

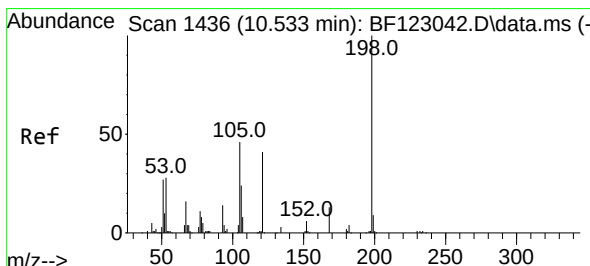
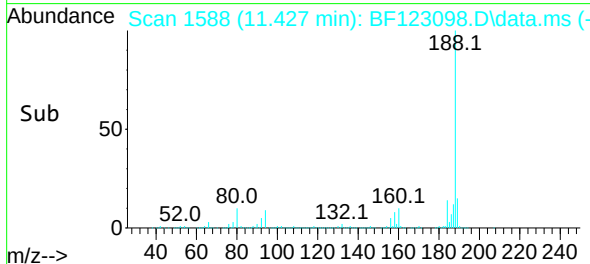
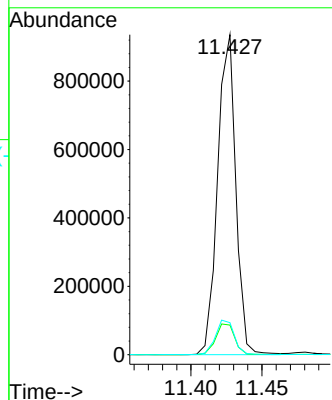
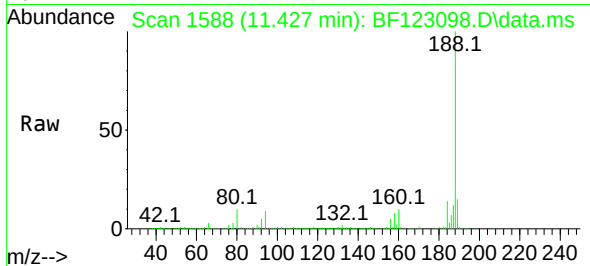




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

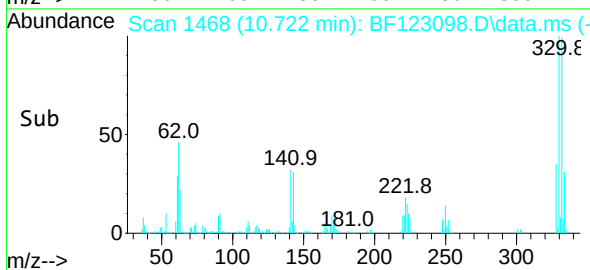
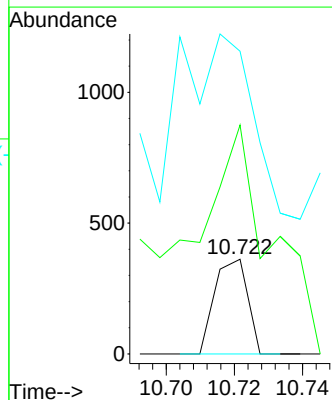
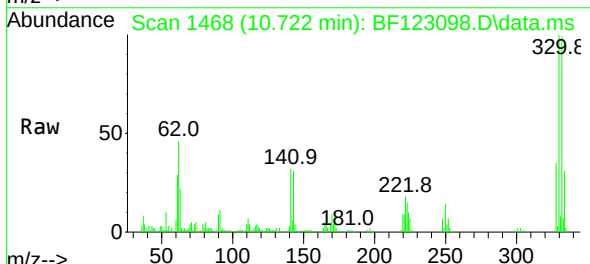
Instrument :
BNA_F
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TR-04-012921

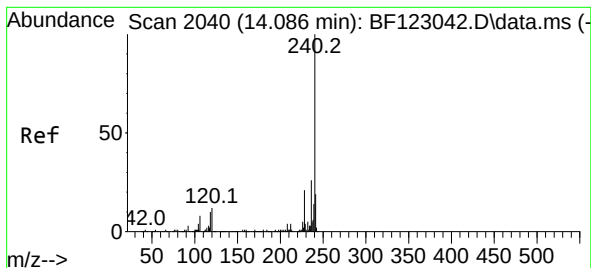
Tgt Ion:188 Resp: 832924
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.02 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion:198 Resp: 242
Ion Ratio Lower Upper
198 100
51 241.7 20.3 60.3#
105 319.6 23.0 63.0#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.074 min Scan# 2038

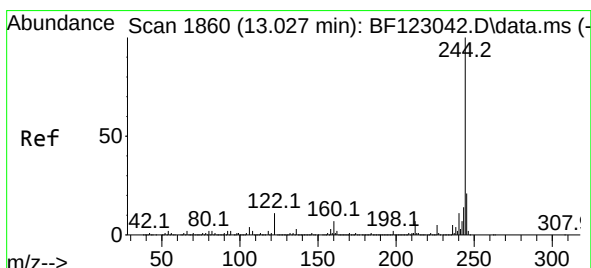
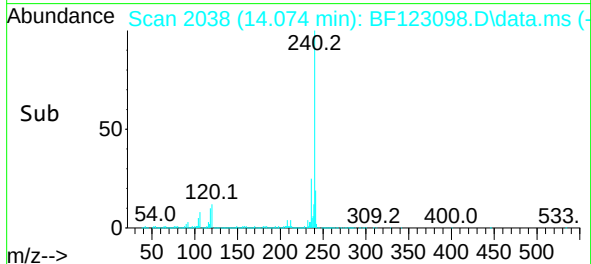
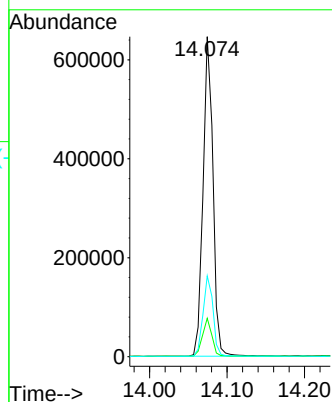
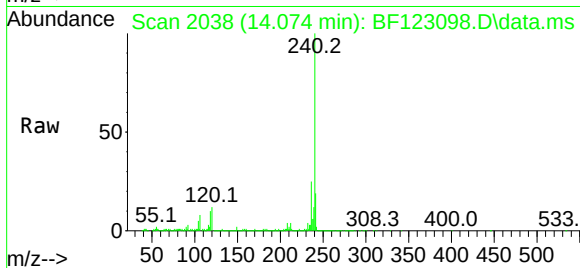
Delta R.T. -0.012 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:240 Resp: 574294

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	12.8
236	25.2	20.3	30.5



#79

Terphenyl-d14

Concen: 14.94 ng

RT: 13.016 min Scan# 1858

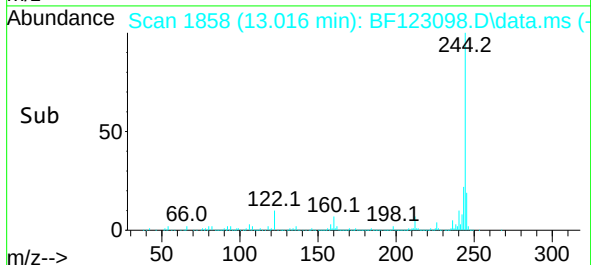
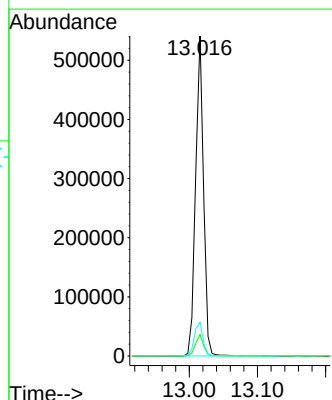
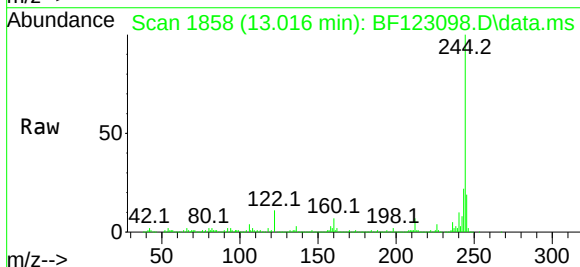
Delta R.T. -0.012 min

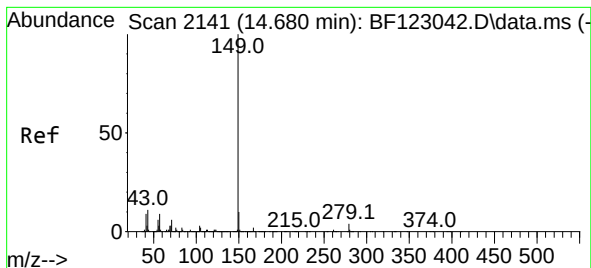
Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:244 Resp: 436831

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.5	8.3	12.5





#85

Di-n-octyl phthalate

Concen: 2.03 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.041 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:149 Resp: 84599

Ion Ratio Lower Upper

149 100

167 0.7 1.3 1.9#

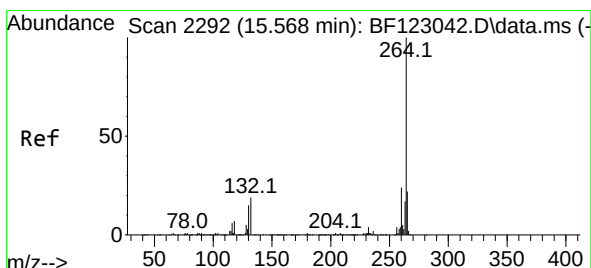
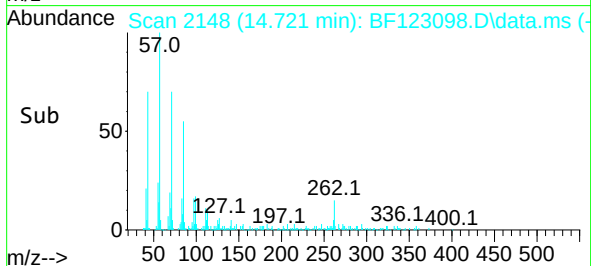
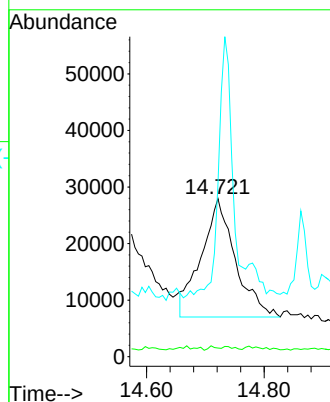
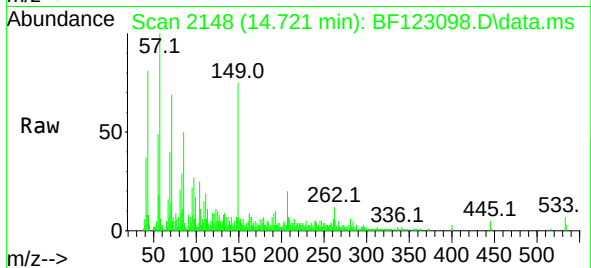
43 89.9 7.6 11.4#

Instrument :

BNA_F

ClientSampleId :

TR-04-012921



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:264 Resp: 530775

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 20.7 17.0 25.6

