

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123420.D
 Acq On : 24 Mar 2021 2:16
 Operator : JU/CG
 Sample : PB135234TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135234TB

Quant Time: Mar 24 03:36:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

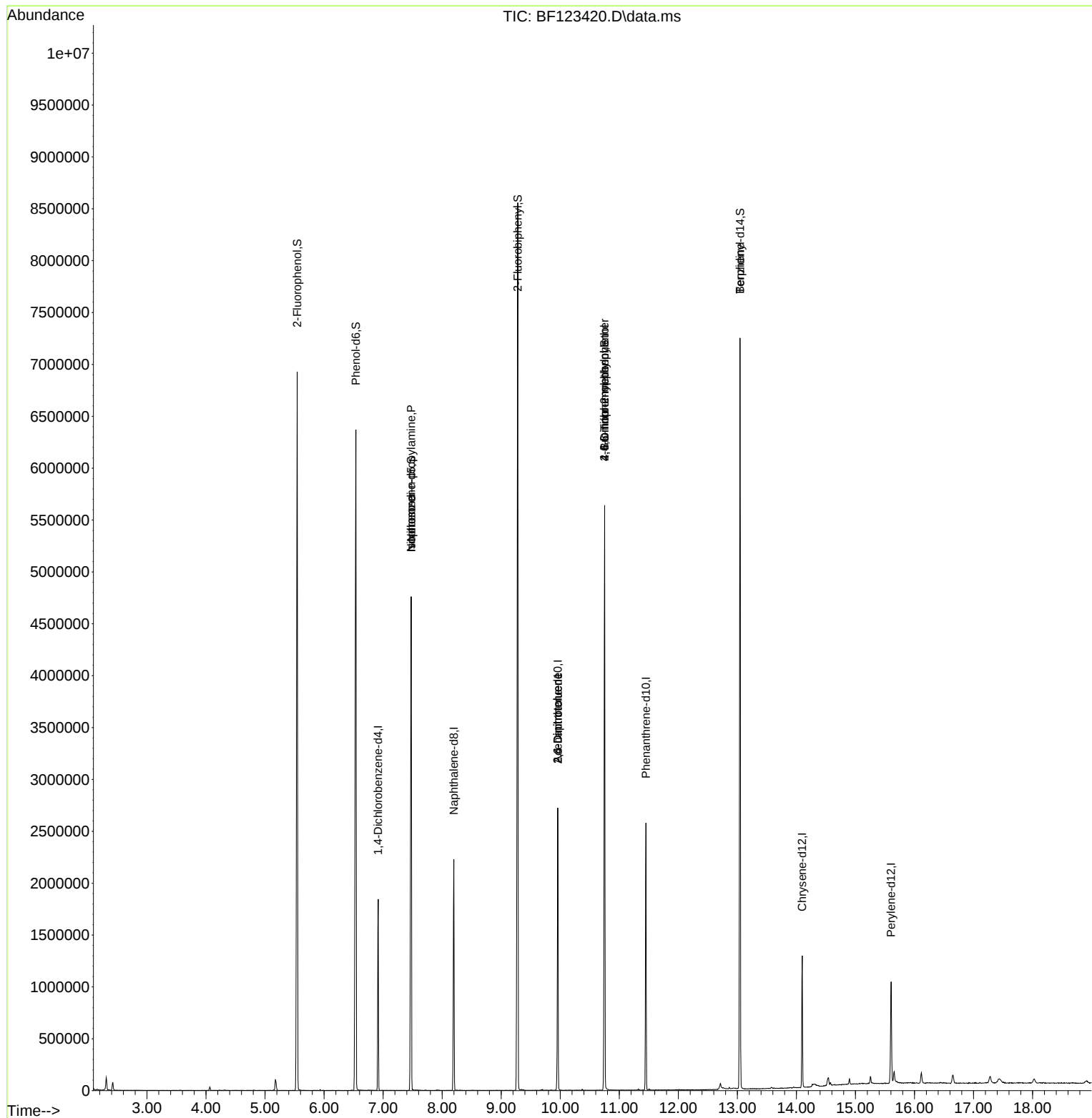
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	261580	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	985374	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	552208	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	878417	20.00	ng	0.00
76) Chrysene-d12	14.098	240	428642	20.00	ng	0.00
86) Perylene-d12	15.604	264	451736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1915347	119.79	ng	0.02
7) Phenol-d6	6.539	99	2395938	112.56	ng	0.00
23) Nitrobenzene-d5	7.475	82	1687887	92.45	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	686545	111.21	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2957978	76.53	ng	0.00
79) Terphenyl-d14	13.045	244	2566336	101.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.539	77	3804	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	230989	16.78	ng	# 78
25) Isophorone	7.475	82	1684110	42.90	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	71071	8.67	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	71071	6.95	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	1439	5.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	41010	3.94	ng	# 1
77) Benzidine	13.045	184	33837	2.65	ng	# 94

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

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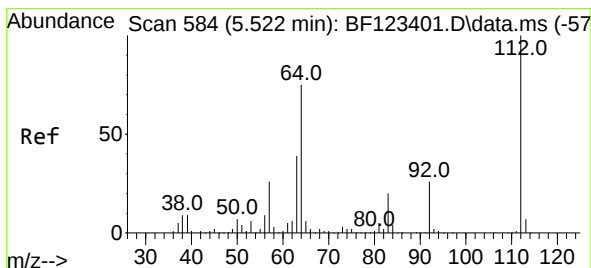
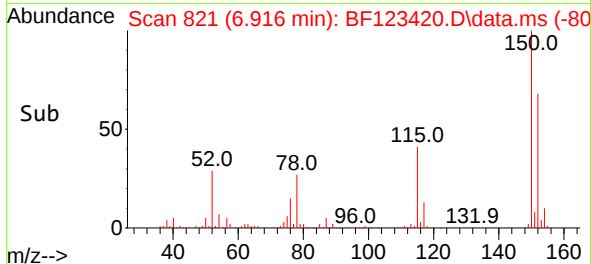
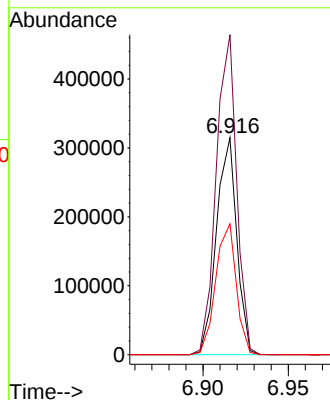
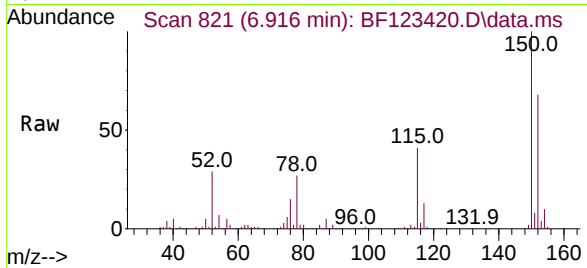




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

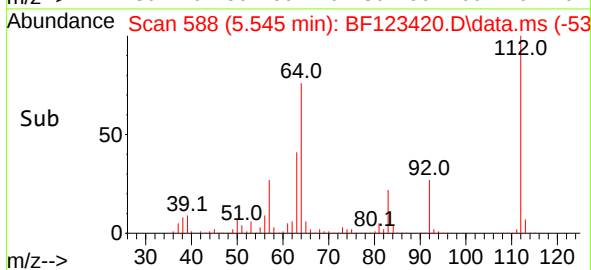
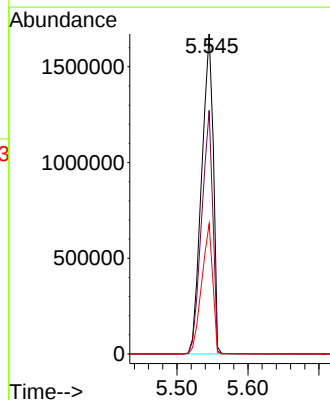
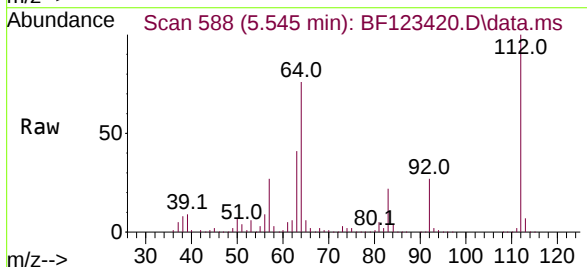
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BNA_F
ClientSampleId :
PB135234TB

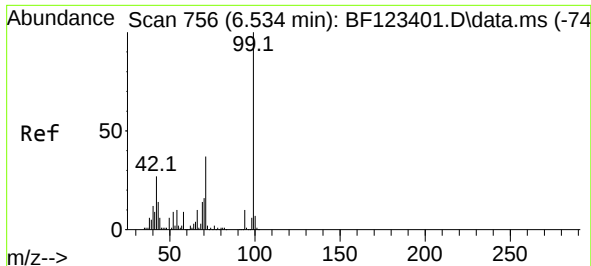
Tgt Ion:152 Resp: 261580
Ion Ratio Lower Upper
152 100
150 147.5 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 119.79 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.023 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:112 Resp: 1915347
Ion Ratio Lower Upper
112 100
64 76.1 46.9 70.3#
63 40.8 24.5 36.7#

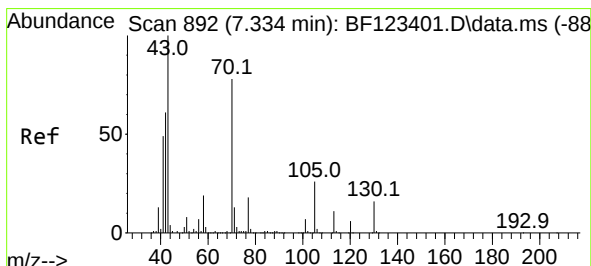
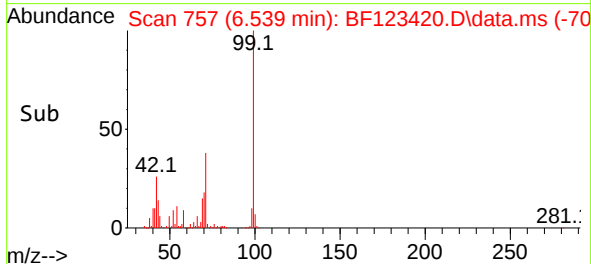
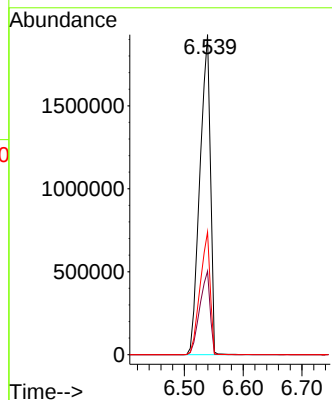
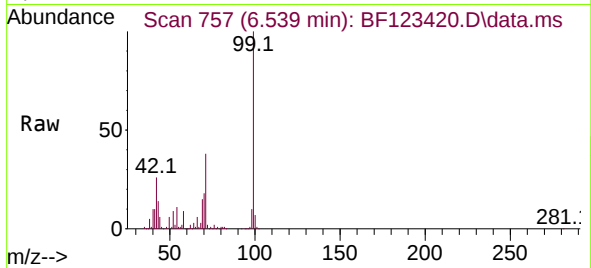




#7
Phenol-d6
Concen: 112.56 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

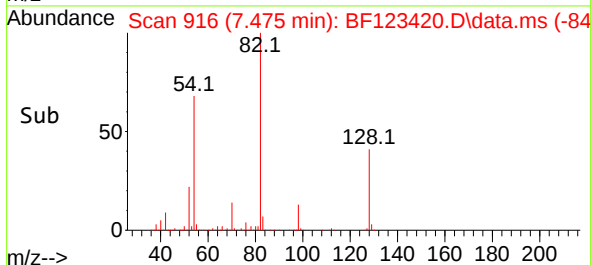
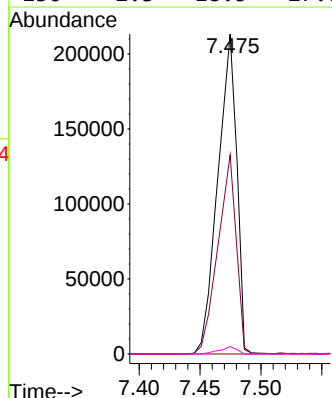
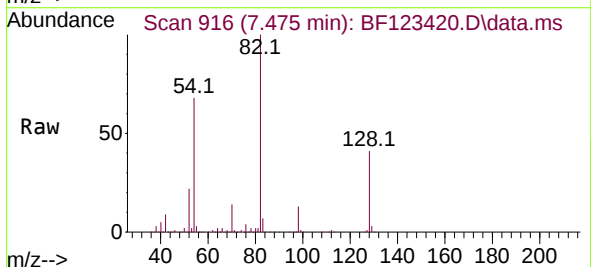
Instrument :
BNA_F
ClientSampleId :
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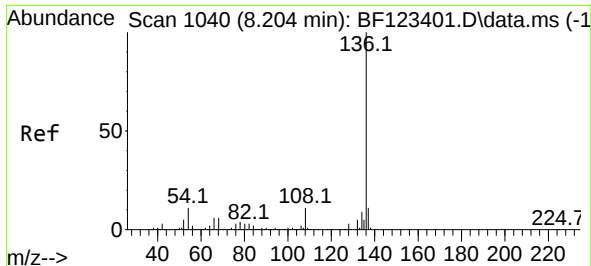
Tgt Ion: 99 Resp: 2395938
Ion Ratio Lower Upper
99 100
42 26.1 13.8 20.6#
71 38.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion: 70 Resp: 230989
Ion Ratio Lower Upper
70 100
42 62.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#

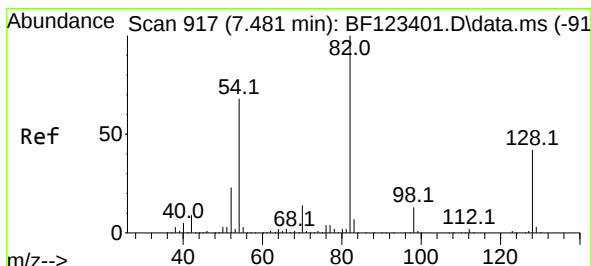
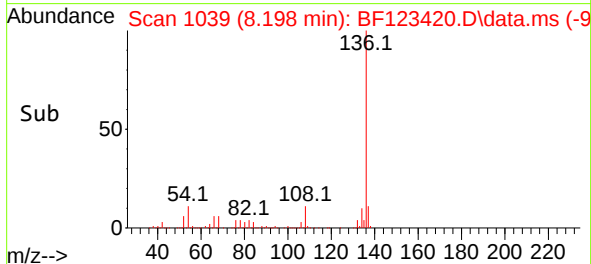
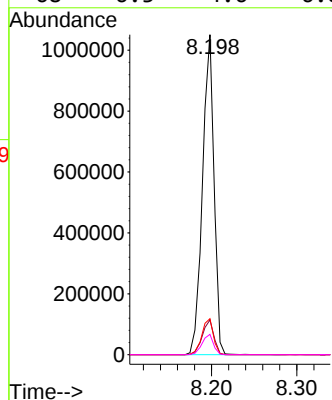
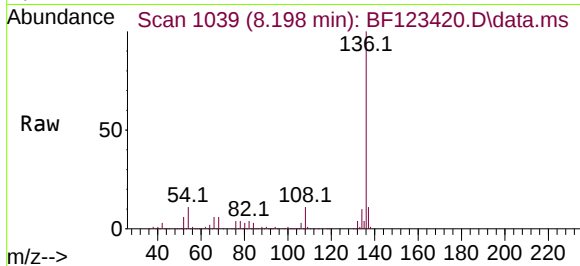




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

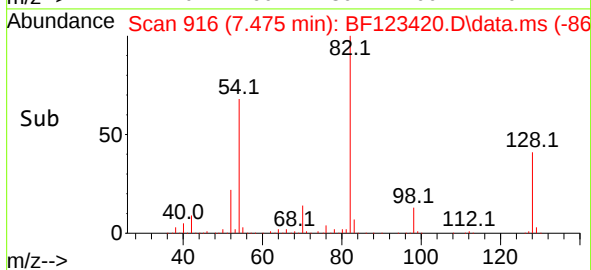
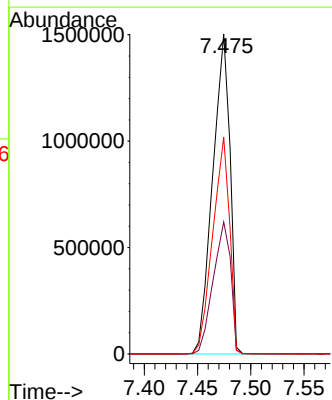
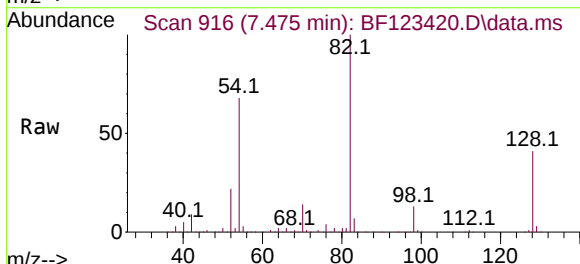
Instrument :
BNA_F
ClientSampleId :
PB135234TB

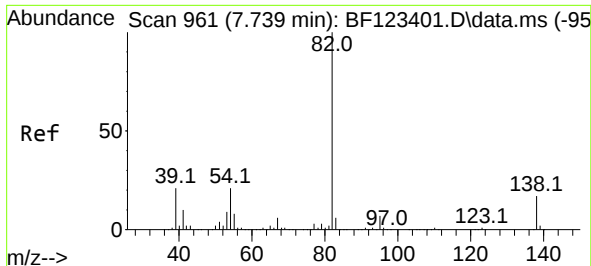
Tgt Ion:136	Resp: 985374
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 11.3	5.5 8.3#
68 6.3	4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.45 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion: 82	Resp: 1687887
Ion Ratio	Lower Upper
82 100	
128 41.2	37.0 55.4
54 67.8	38.4 57.6#

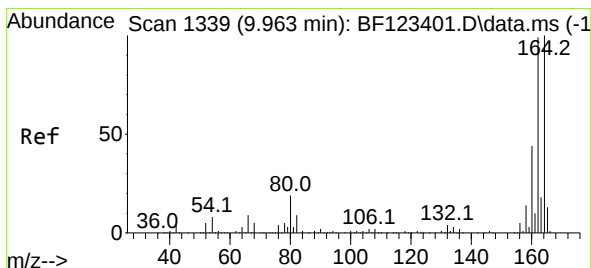
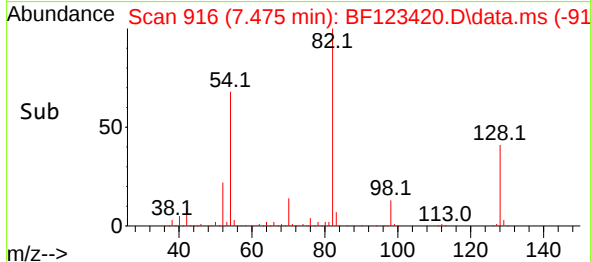
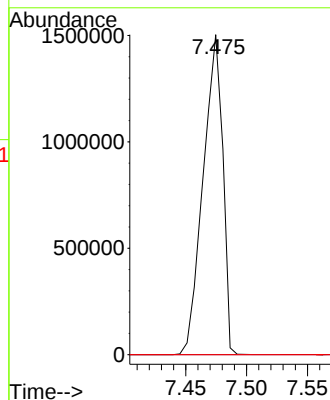
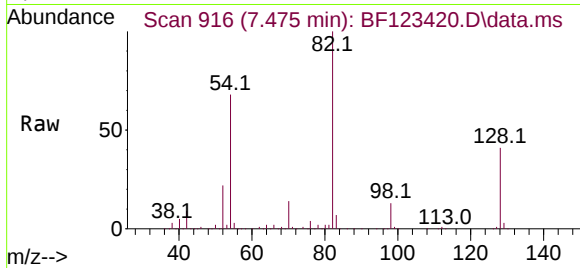




#25
Isophorone
Concen: 42.90 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

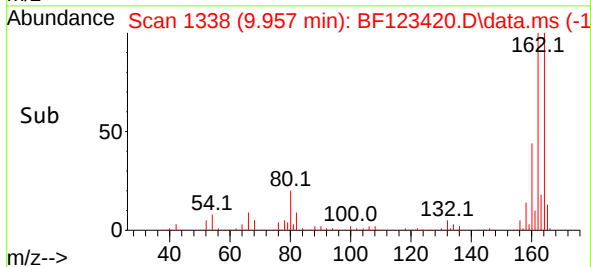
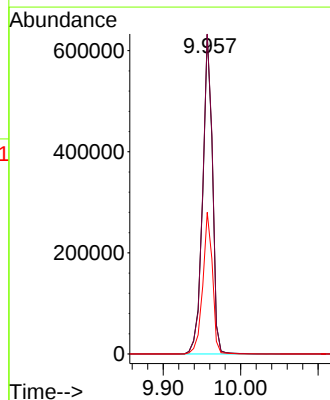
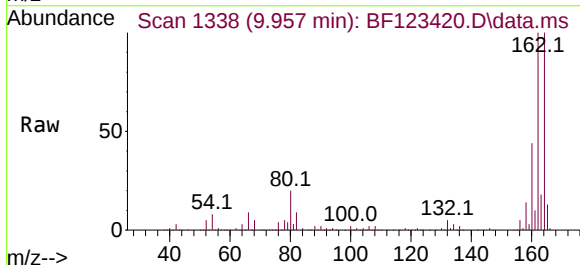
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ClientSampleId :
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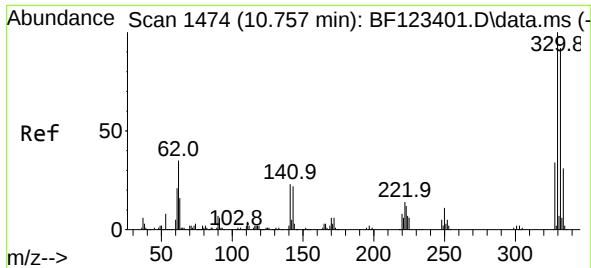
Tgt Ion: 82 Resp: 1684110
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:164 Resp: 552208
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.3 35.4 53.0

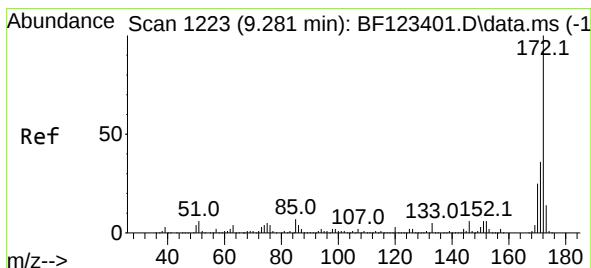
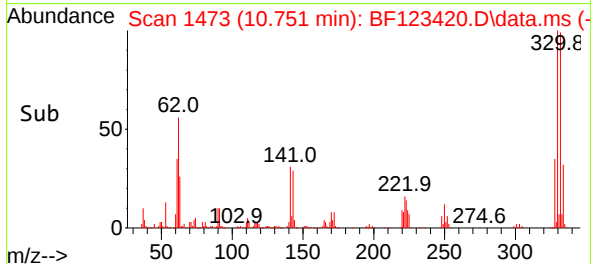
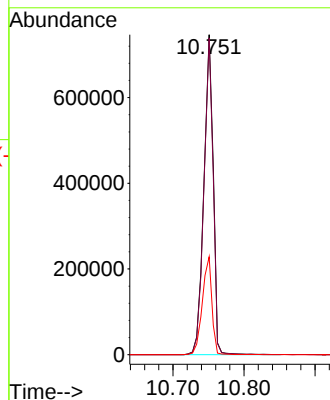
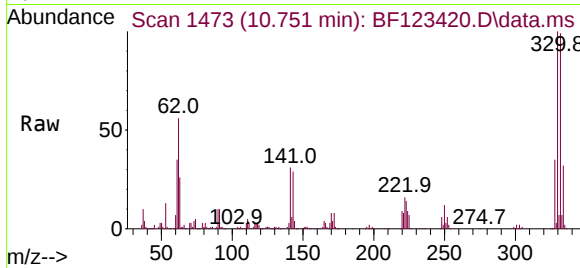




#42
2,4,6-Tribromophenol
Concen: 111.21 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

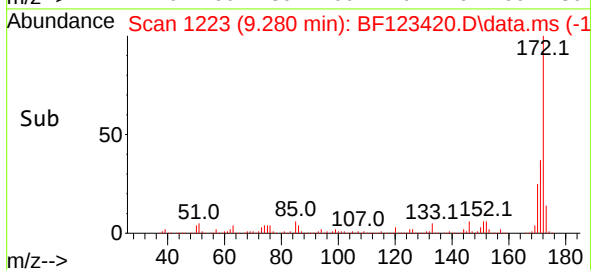
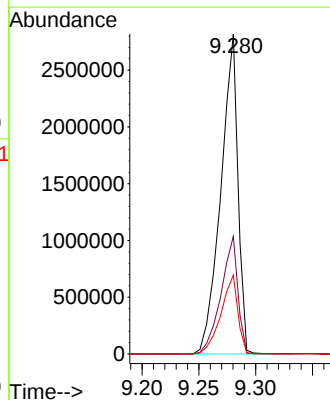
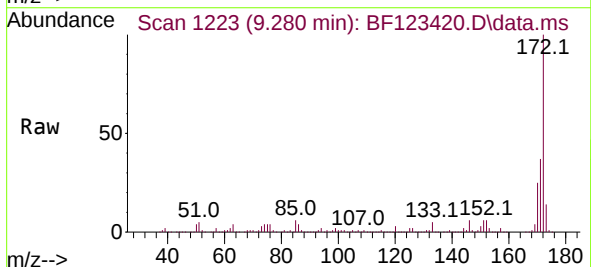
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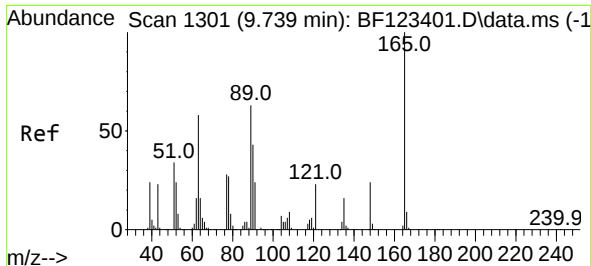
Tgt Ion: 330 Resp: 686545
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 31.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.53 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion: 172 Resp: 2957978
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

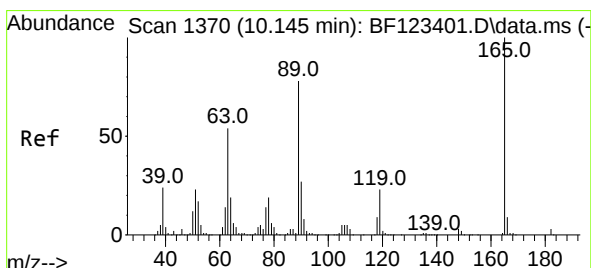
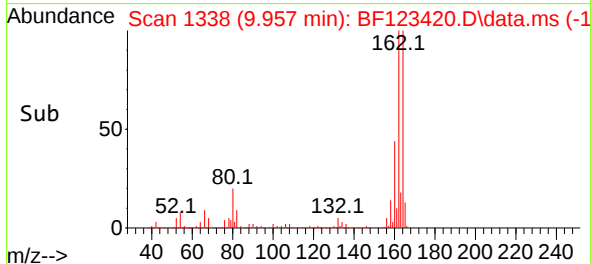
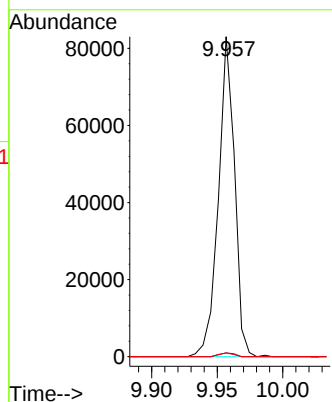
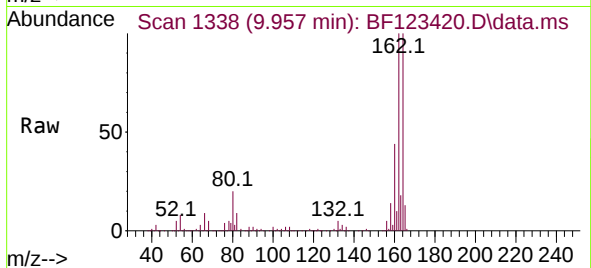




#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

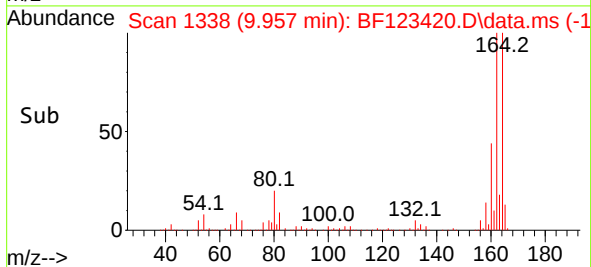
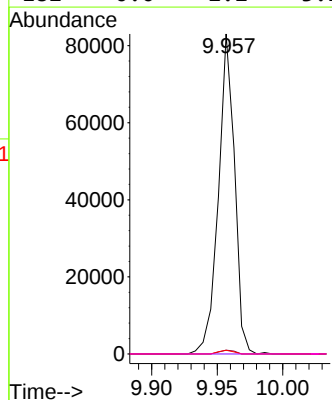
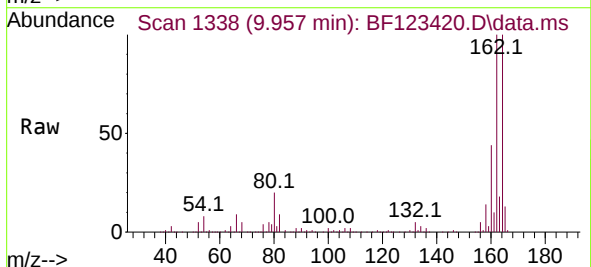
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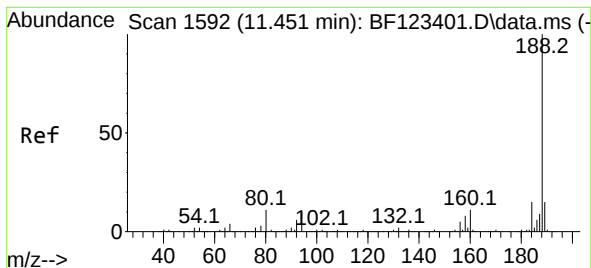
Tgt Ion:165 Resp: 71071
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:165 Resp: 71071
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

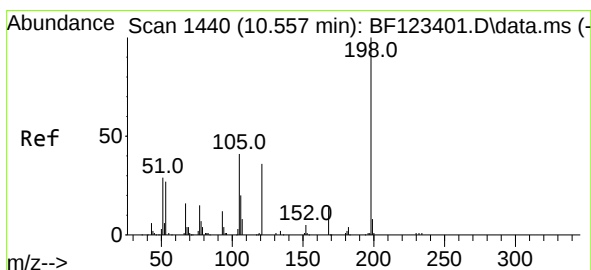
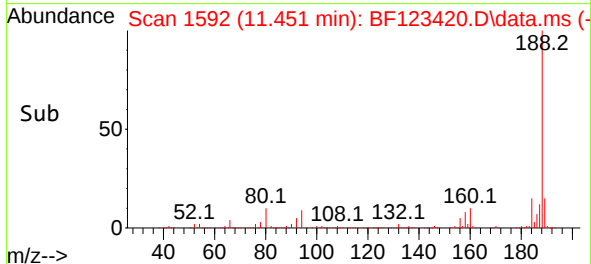
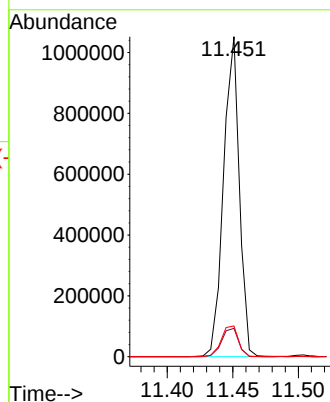
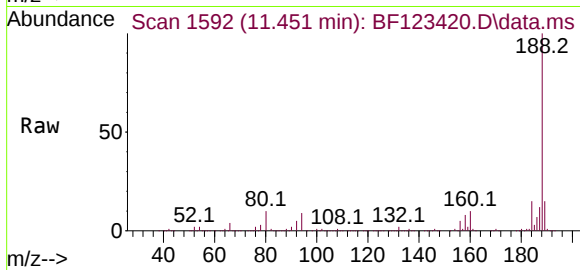




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

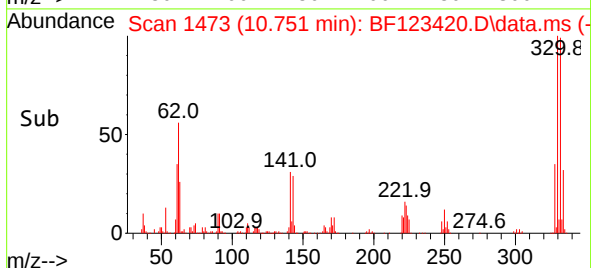
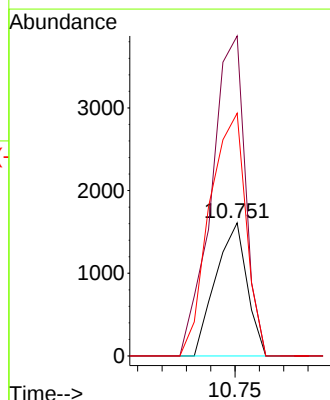
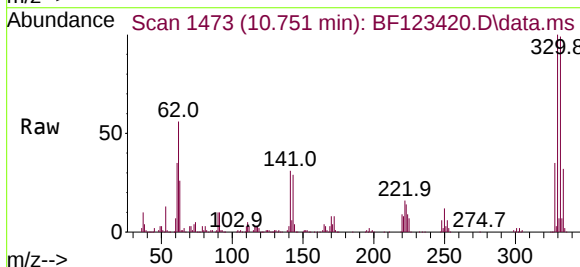
Instrument :
BNA_F
ClientSampleId :
PB135234TB

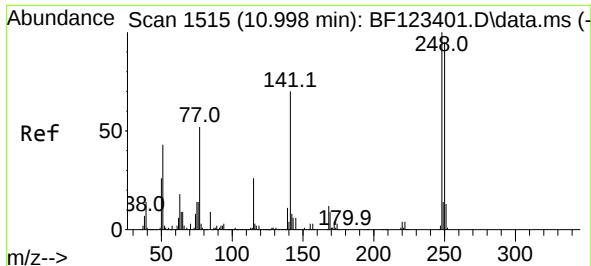
Tgt Ion:188 Resp: 878417
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.40 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:198 Resp: 1439
Ion Ratio Lower Upper
198 100
51 240.2 20.3 60.3#
105 182.2 23.0 63.0#

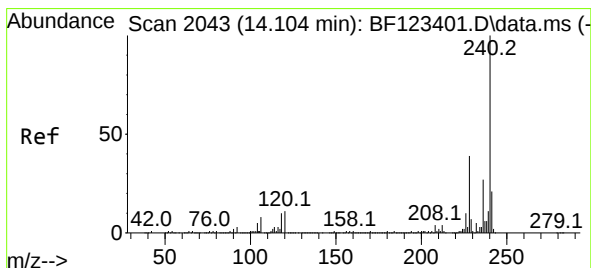
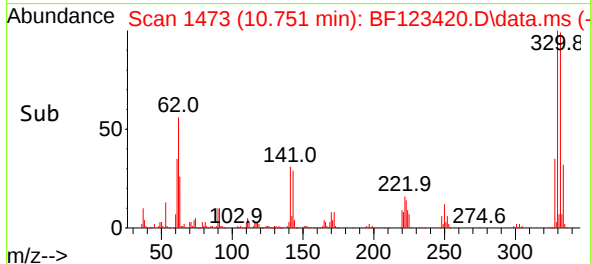
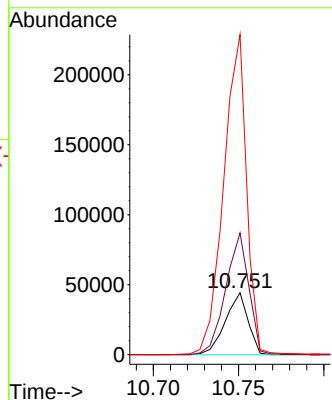
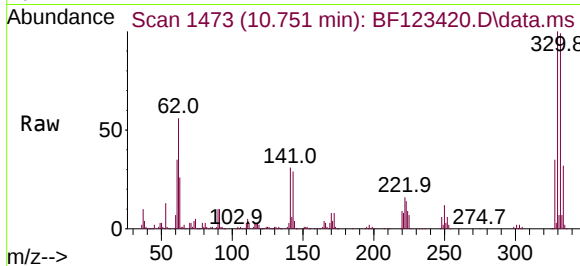




#67
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

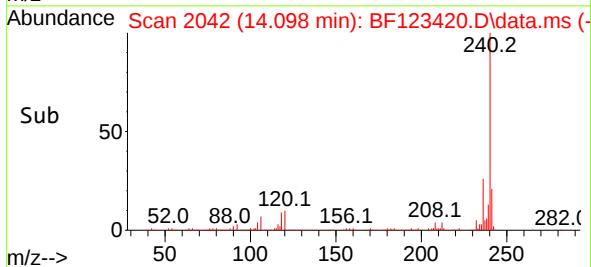
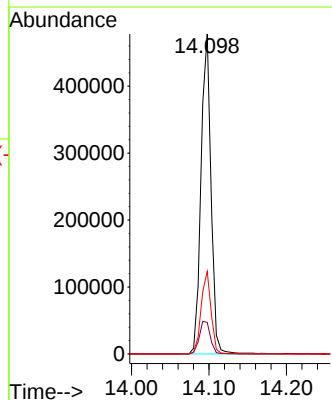
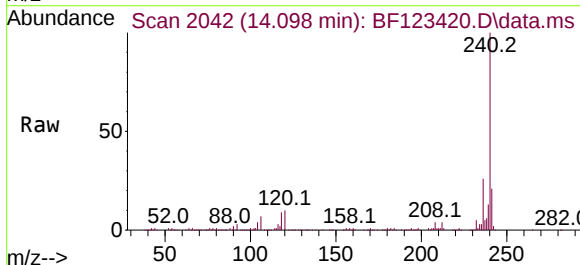
Instrument :
BNA_F
ClientSampleId :
PB135234TB

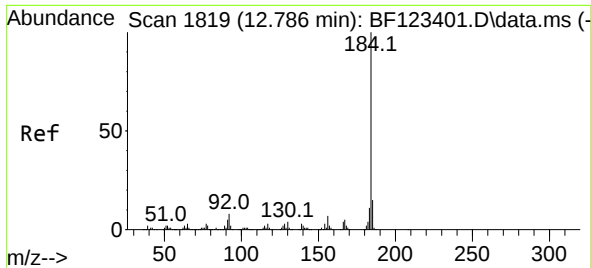
Tgt Ion:248 Resp: 41010
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 516.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:240 Resp: 428642
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.8 20.3 30.5

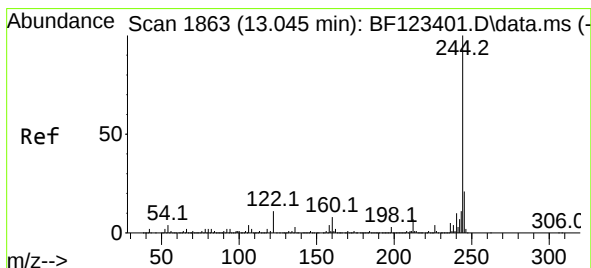
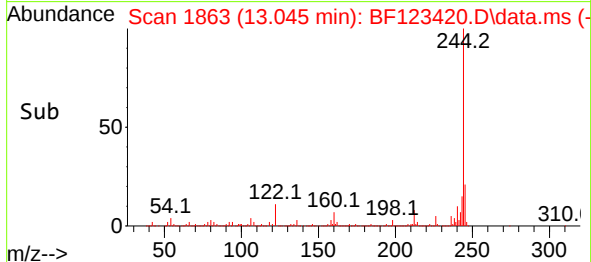
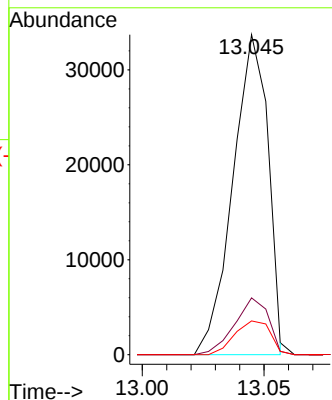
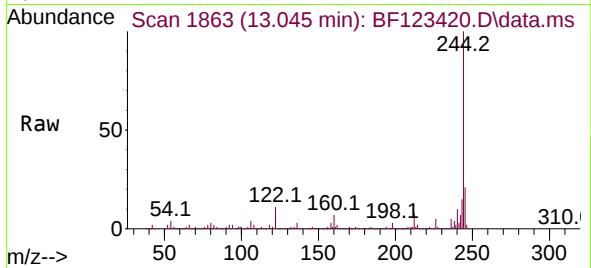




#77
Benzidine
Concen: 2.65 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

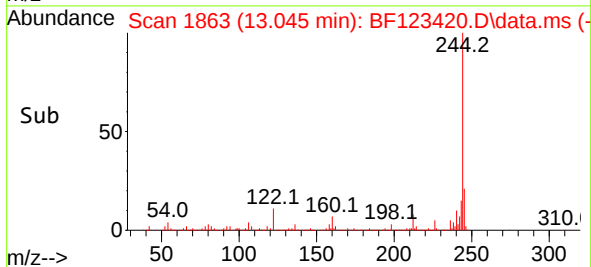
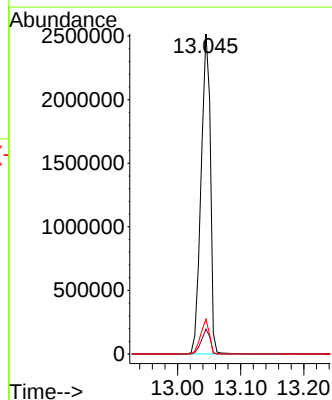
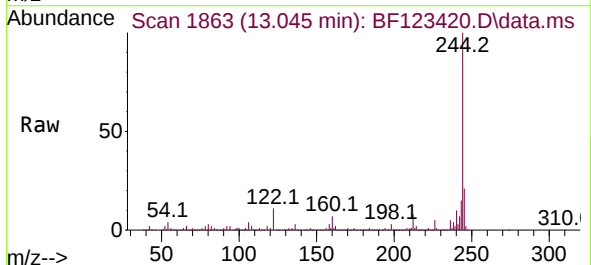
Instrument :
BNA_F
ClientSampleId :
PB135234TB

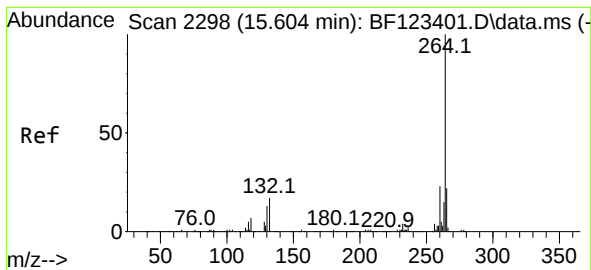
Tgt Ion:184 Resp: 33837
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 10.6 9.7 14.5



#79
Terphenyl-d14
Concen: 101.47 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123420.D
Acq: 24 Mar 2021 2:16

Tgt Ion:244 Resp: 2566336
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 10.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: BF123420.D
 Acq: 24 Mar 2021 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PB135234TB

Tgt Ion:264 Resp: 451736
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 21.7 17.0 25.6

