

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123422.D
 Acq On : 24 Mar 2021 4:54
 Operator : JU/CG
 Sample : M1712-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-COMP

Quant Time: Mar 24 05:44:55 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)

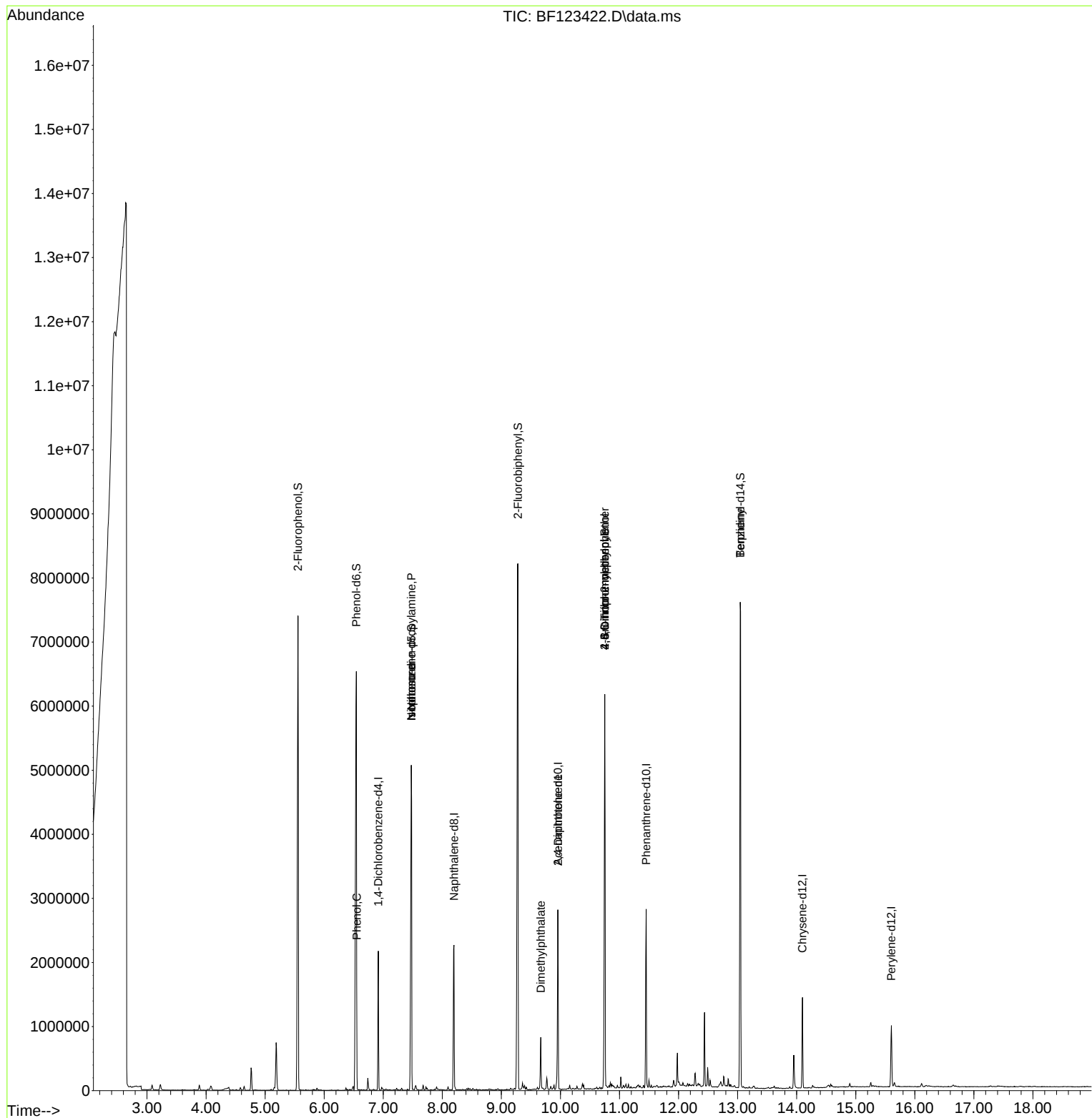
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	280016	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1083094	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	594737	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	925566	20.00	ng	0.00
76) Chrysene-d12	14.098	240	473134	20.00	ng	0.00
86) Perylene-d12	15.604	264	452442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	2148040	125.50	ng	0.04
7) Phenol-d6	6.545	99	2573655	112.95	ng	0.01
23) Nitrobenzene-d5	7.475	82	1932529	96.30	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	830489	124.90	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	3400800	81.69	ng	0.00
79) Terphenyl-d14	13.045	244	2943568	105.44	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	619	Below Cal	#	51
10) Phenol	6.551	94	108811	4.65	ng	94
19) n-Nitroso-di-n-propyla...	7.475	70	269903	18.31	ng	# 80
25) Isophorone	7.475	82	1928189	44.69	ng	# 65
50) Dimethylphthalate	9.669	163	315380	7.47	ng	99
57) 2,4-Dinitrotoluene	9.957	165	77743	7.06	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.751	198	1785	5.44	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	49379	4.50	ng	# 1
77) Benzidine	13.045	184	39737	2.82	ng	# 95

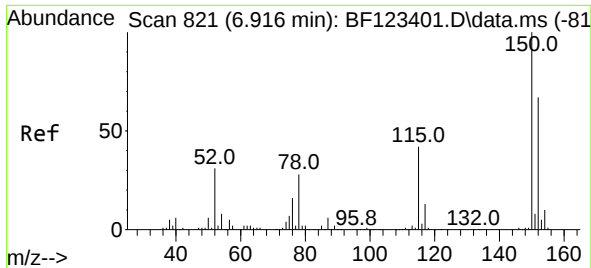
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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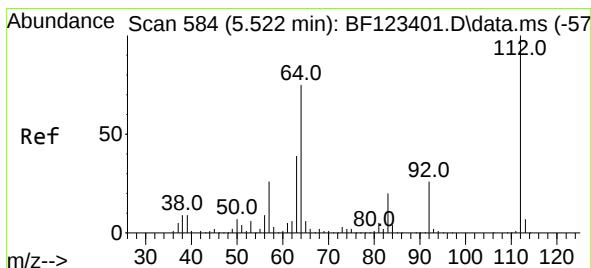
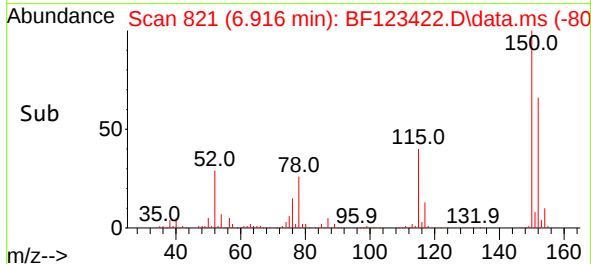
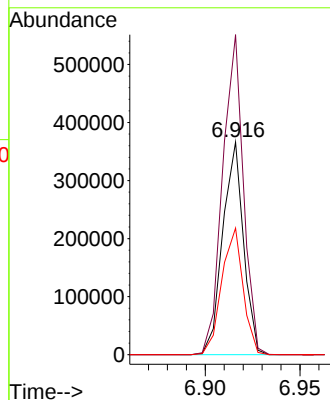
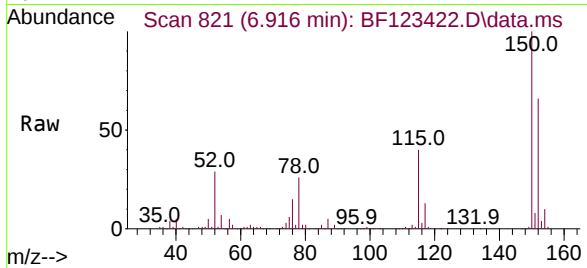




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

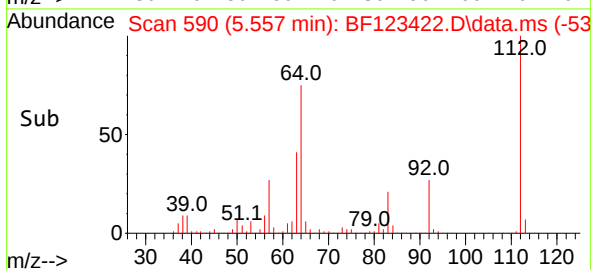
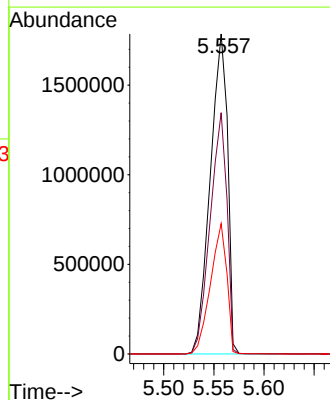
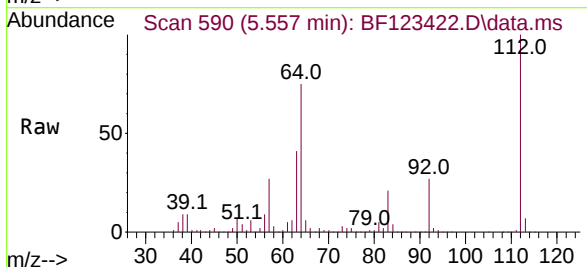
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-COMP

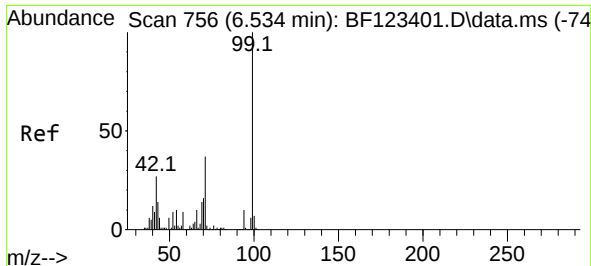
Tgt Ion:152 Resp: 280016
Ion Ratio Lower Upper
152 100
150 150.5 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 125.50 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.035 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:112 Resp: 2148040
Ion Ratio Lower Upper
112 100
64 75.4 46.9 70.3#
63 40.8 24.5 36.7#

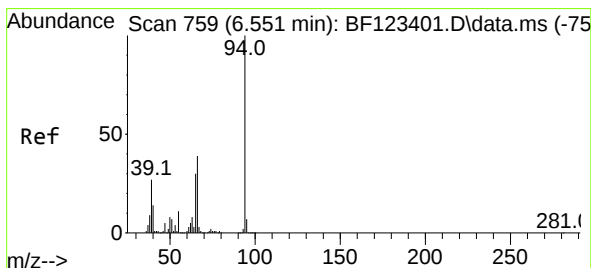
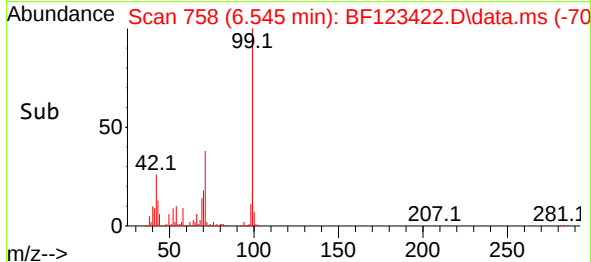
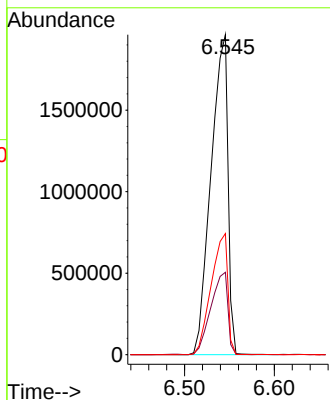
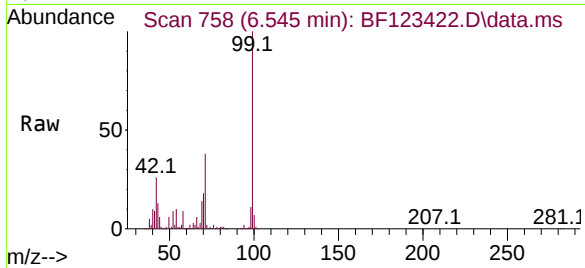




#7
Phenol-d6
Concen: 112.95 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

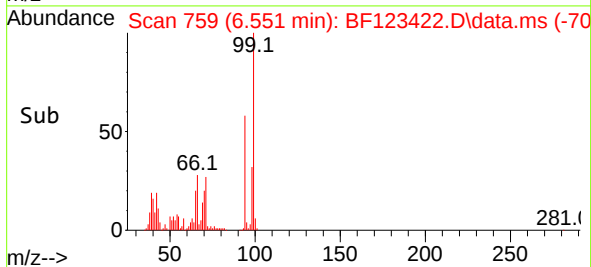
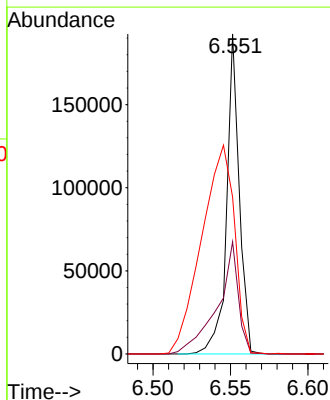
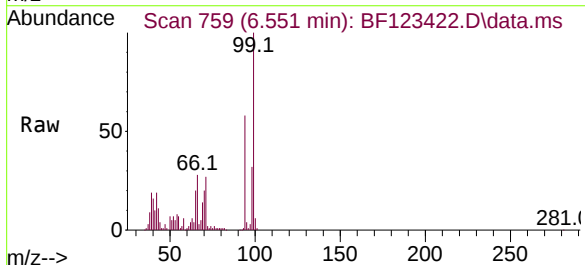
Instrument :
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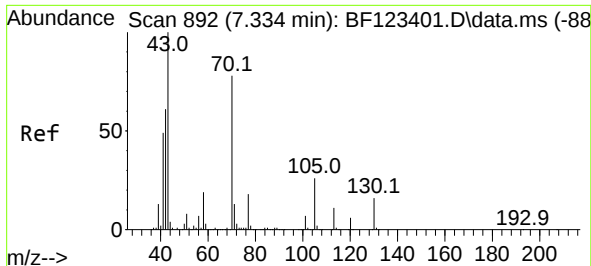
Tgt Ion: 99 Resp: 2573655
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 37.9 26.9 40.3



#10
Phenol
Concen: 4.65 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

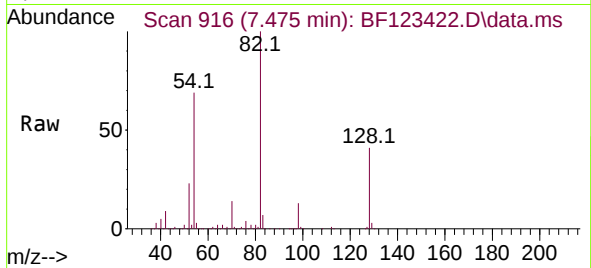
Tgt Ion: 94 Resp: 108811
Ion Ratio Lower Upper
94 100
65 35.0 11.2 51.2
66 49.1 25.8 65.8



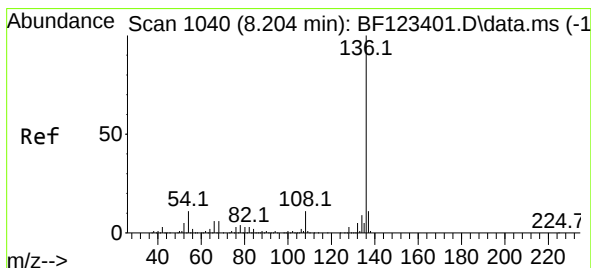
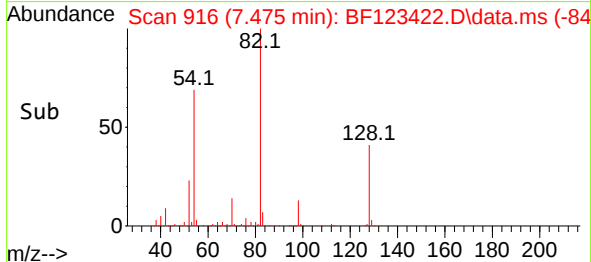
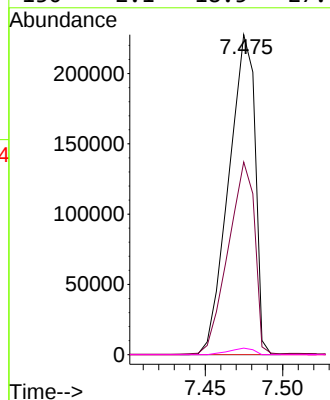


#19
n-Nitroso-di-n-propylamine
Concen: 18.31 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-COMP

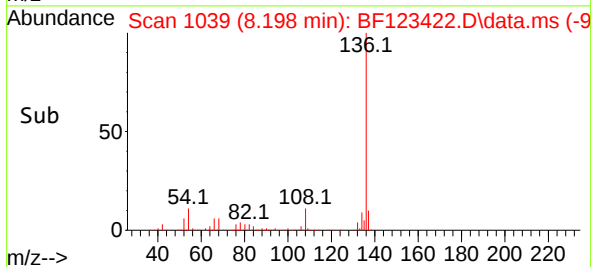
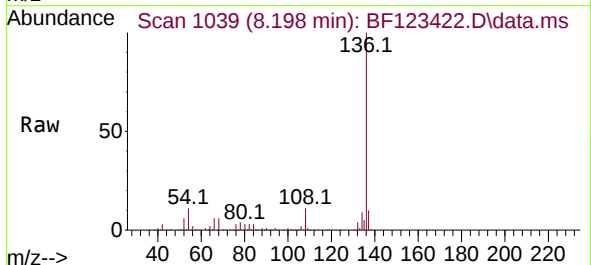
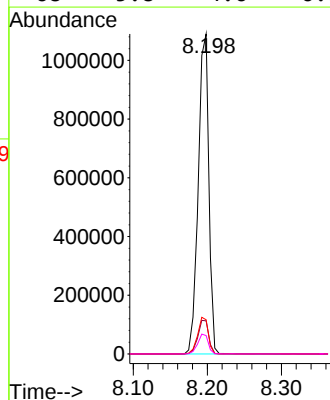


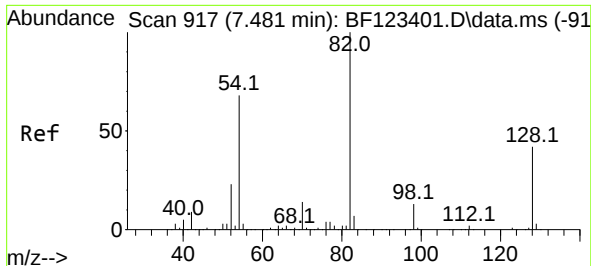
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.2	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.7	5.5	8.3#
68	5.8	4.6	6.8

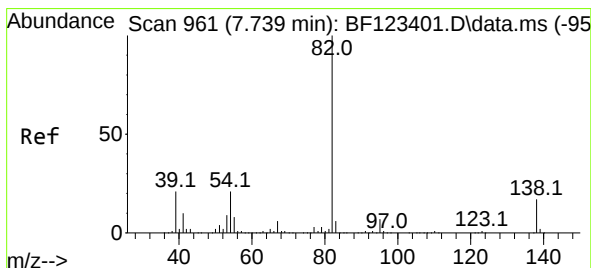
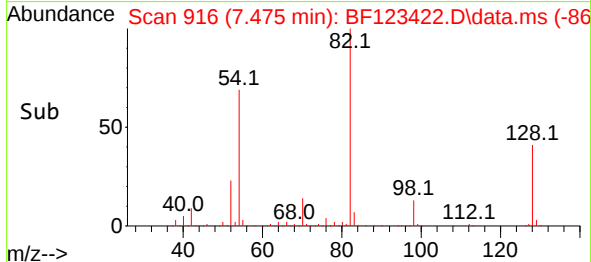
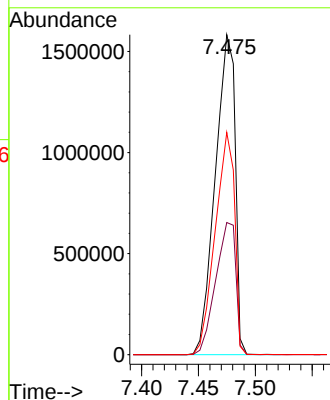
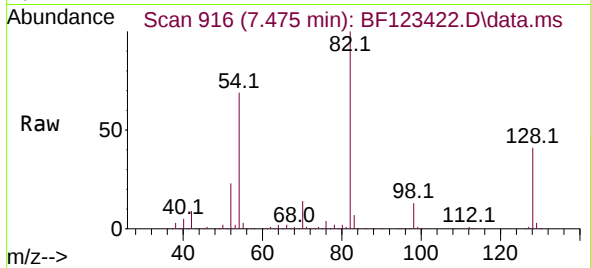




#23
Nitrobenzene-d5
Concen: 96.30 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

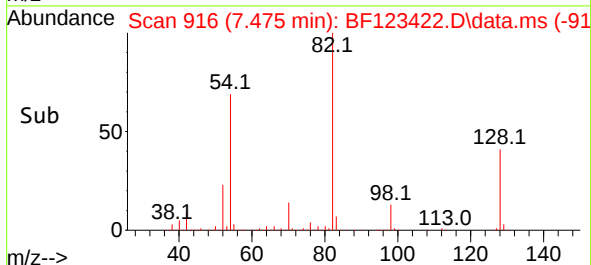
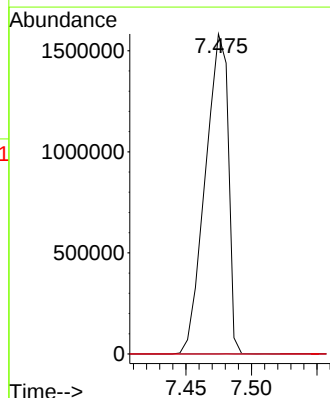
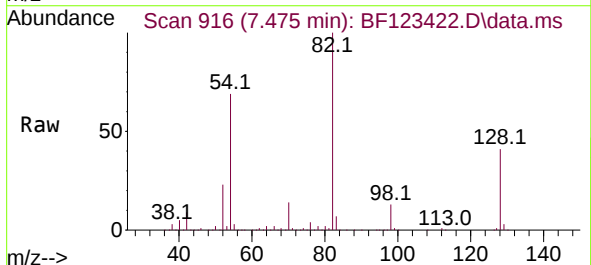
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-COMP

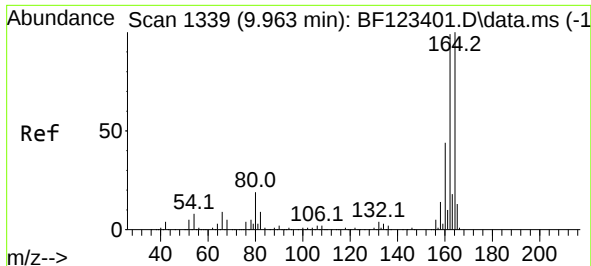
Tgt Ion: 82 Resp: 1932529
Ion Ratio Lower Upper
82 100
128 41.3 37.0 55.4
54 69.5 38.4 57.6#



#25
Isophorone
Concen: 44.69 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion: 82 Resp: 1928189
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

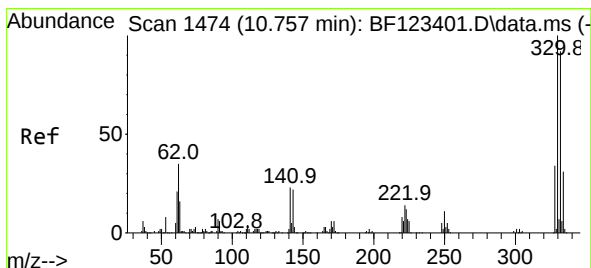
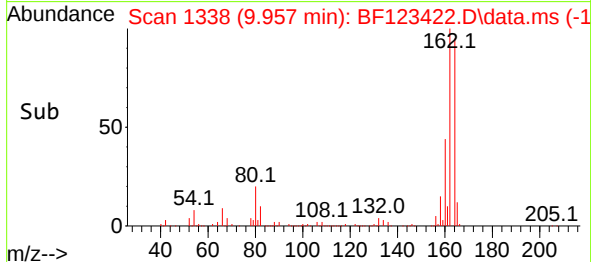
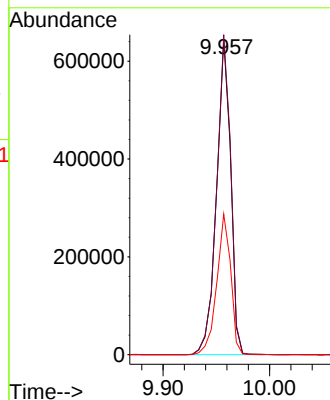
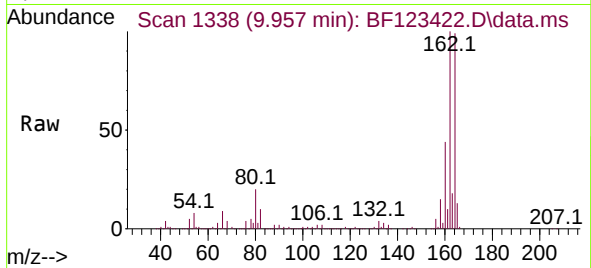




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

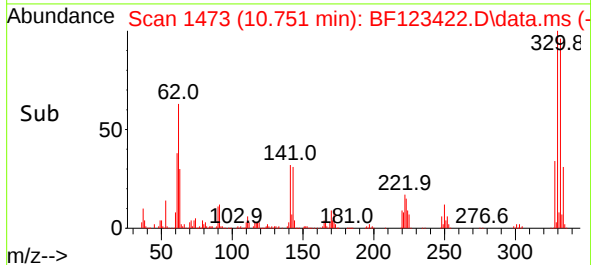
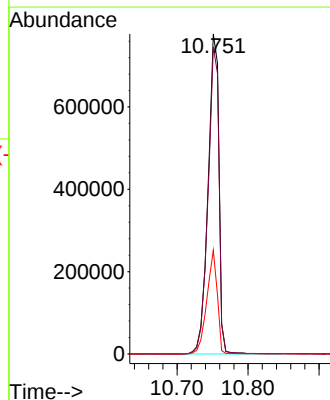
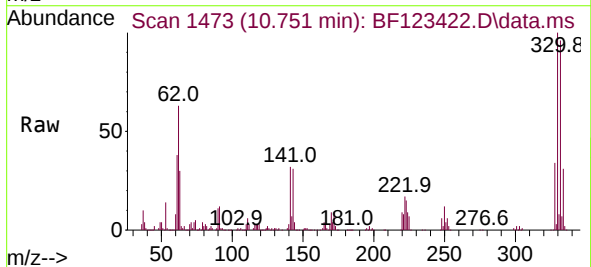
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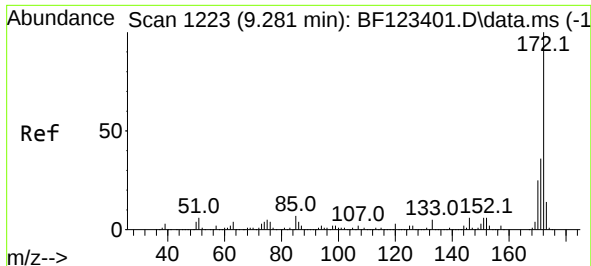
Tgt Ion:164 Resp: 594737
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.90 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:330 Resp: 830489
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 31.1 23.8 35.8

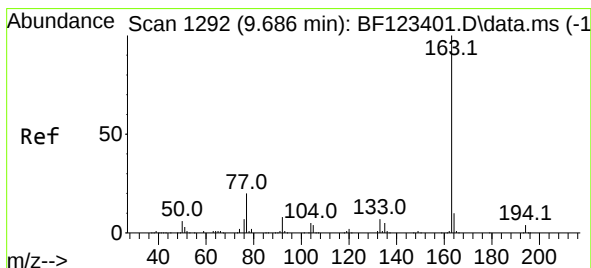
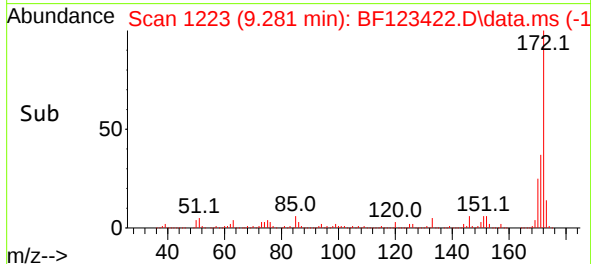
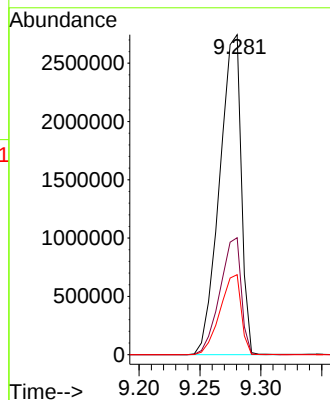
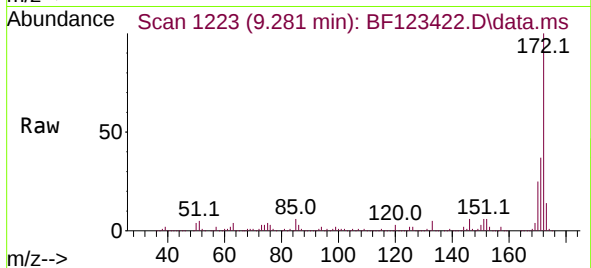




#45
2-Fluorobiphenyl
Concen: 81.69 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

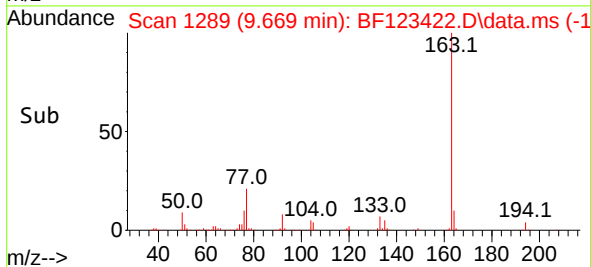
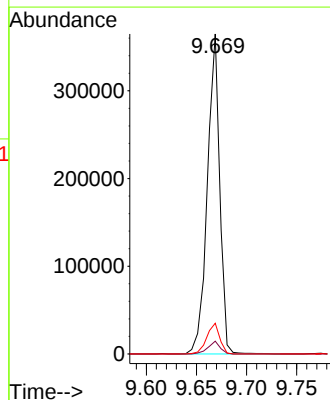
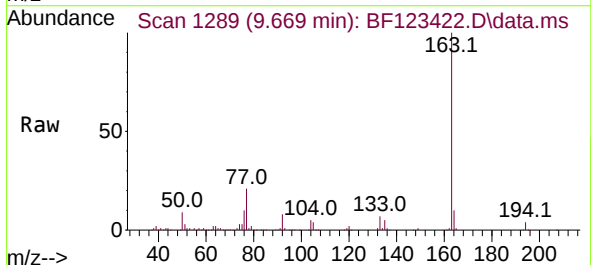
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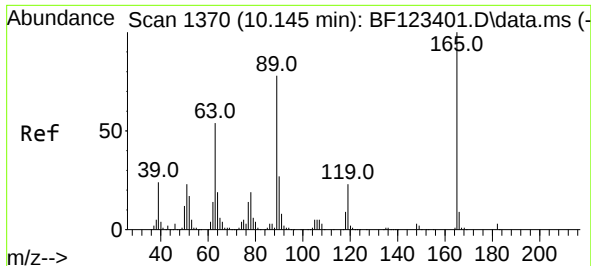
Tgt Ion:172 Resp: 3400800
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 25.0 19.5 29.3



#50
Dimethylphthalate
Concen: 7.47 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:163 Resp: 315380
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.6 8.1 12.1

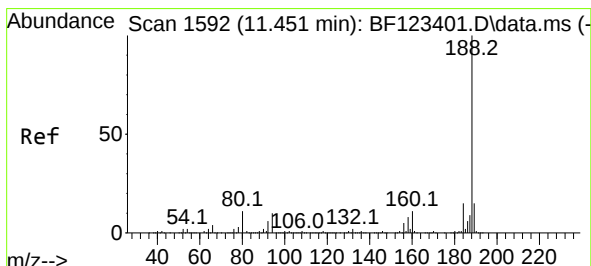
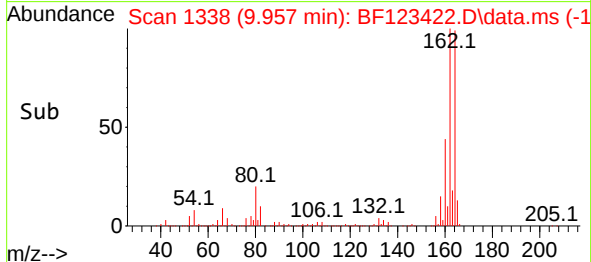
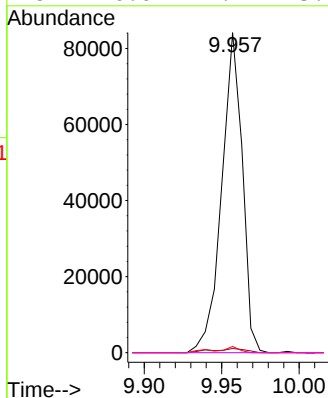
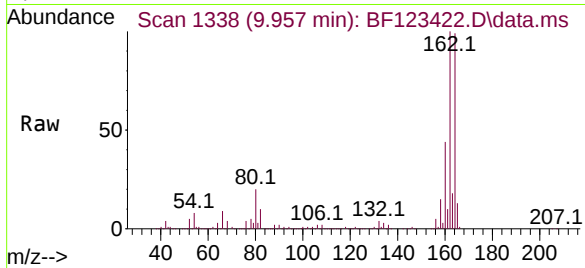




#57
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

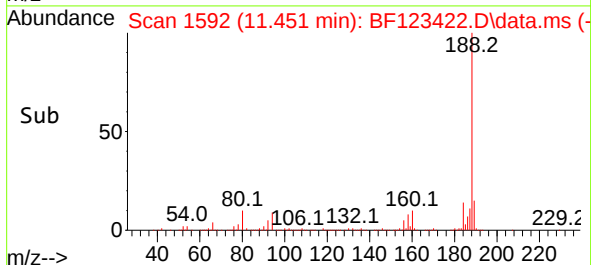
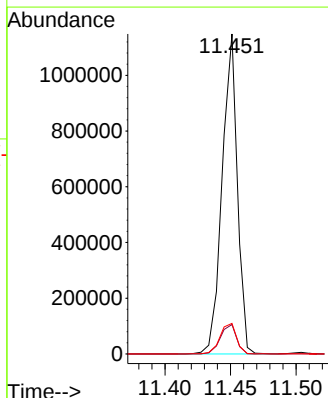
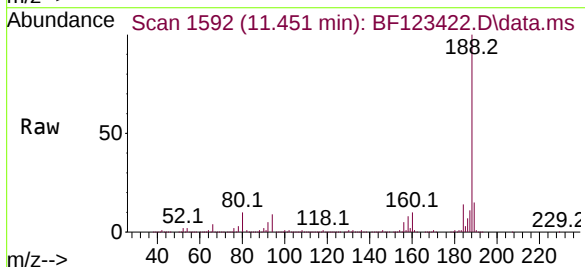
Instrument :
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ClientSampleId :
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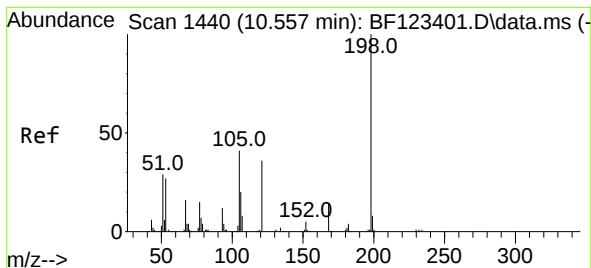
Tgt Ion:	165	Resp:	77743
Ion Ratio	Lower	Upper	
165	100		
63	1.3	34.3	51.5#
89	1.9	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:	188	Resp:	925566
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.4	11.2
80	9.6	8.2	12.4

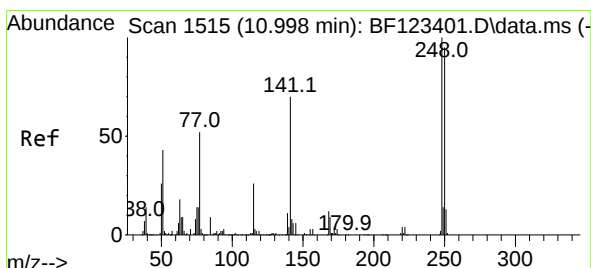
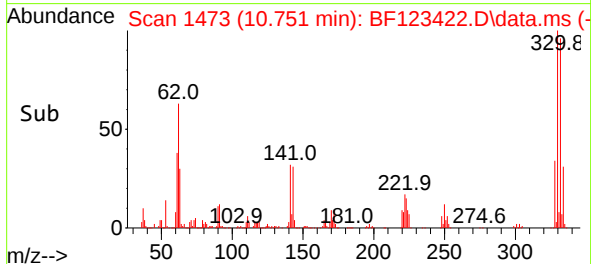
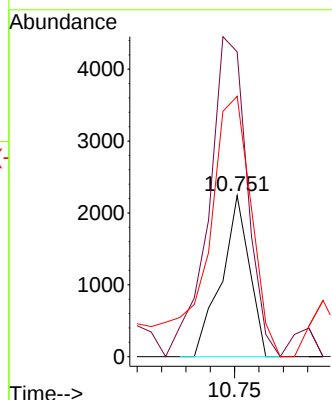
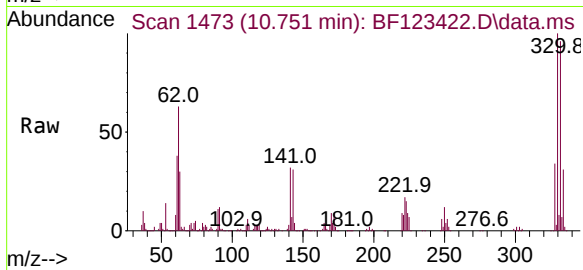




#65
4,6-Dinitro-2-methylphenol
Concen: 5.44 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

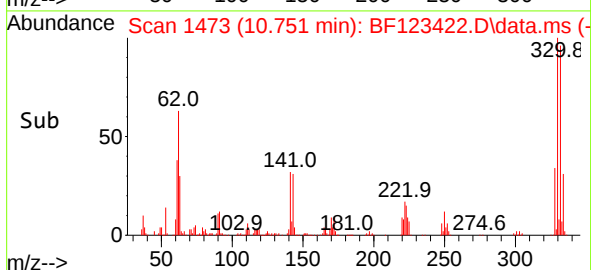
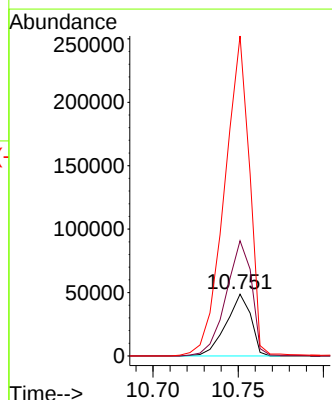
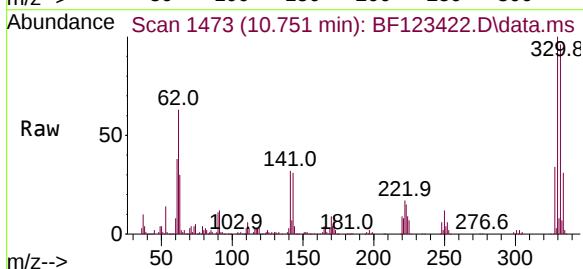
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-COMP

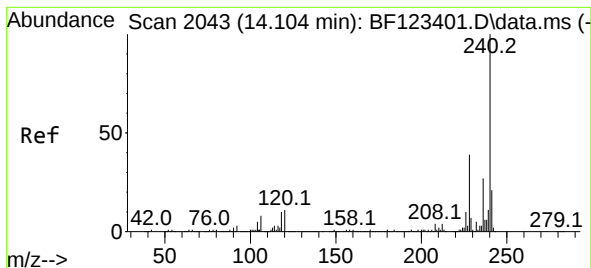
Tgt Ion:198 Resp: 1785
Ion Ratio Lower Upper
198 100
51 189.3 20.3 60.3#
105 161.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:248 Resp: 49379
Ion Ratio Lower Upper
248 100
250 186.5 76.8 115.2#
141 518.3 59.8 89.8#

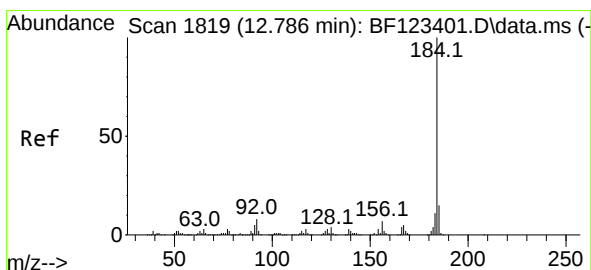
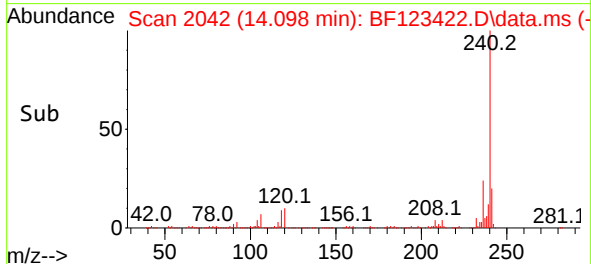
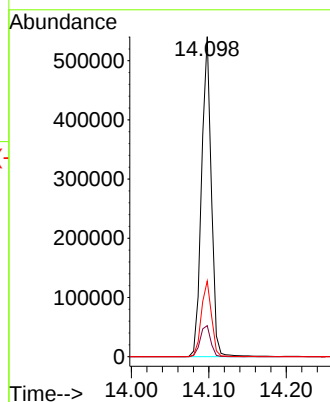
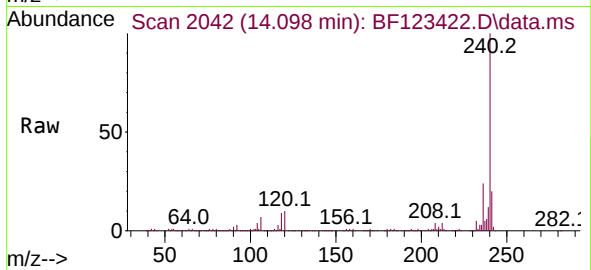




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

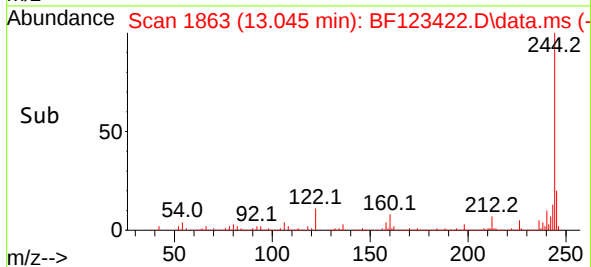
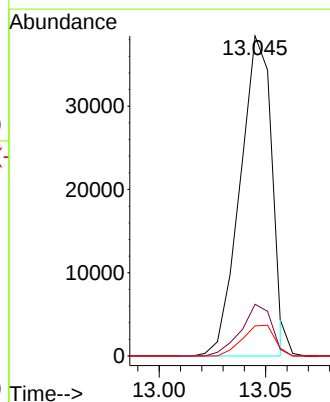
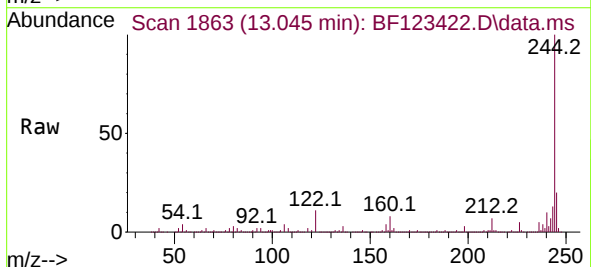
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-COMP

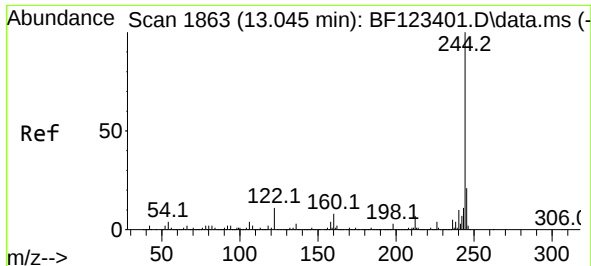
Tgt Ion:240 Resp: 473134
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 23.7 20.3 30.5



#77
Benzidine
Concen: 2.82 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF123422.D
Acq: 24 Mar 2021 4:54

Tgt Ion:184 Resp: 39737
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 9.4 9.7 14.5#

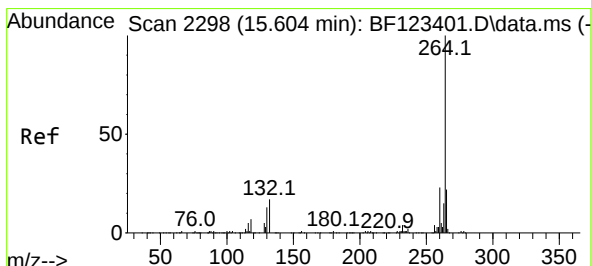
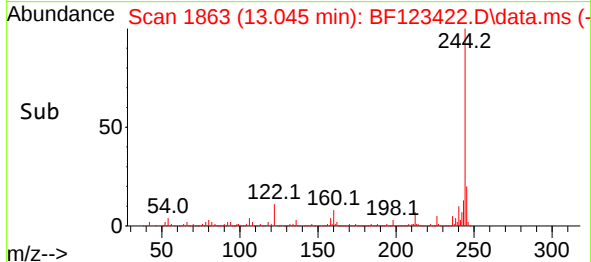
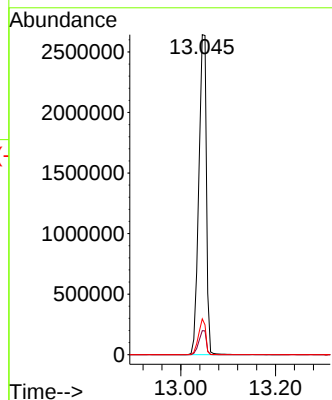
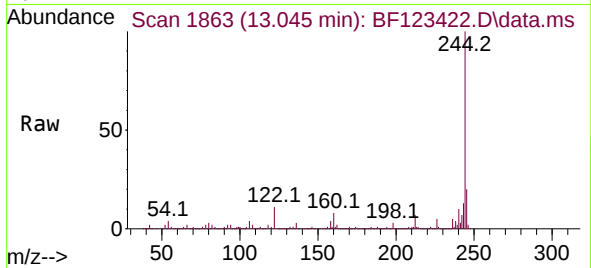




#79
 Terphenyl-d14
 Concen: 105.44 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF123422.D
 Acq: 24 Mar 2021 4:54

Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-COMP

Tgt Ion:244 Resp: 2943568
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 11.2 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: BF123422.D
 Acq: 24 Mar 2021 4:54

Tgt Ion:264 Resp: 452442
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.0 17.0 25.6

