

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123429.D
 Acq On : 24 Mar 2021 8:35
 Operator : JU/CG
 Sample : M1712-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-BLOCK

Quant Time: Mar 24 09:25:44 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)

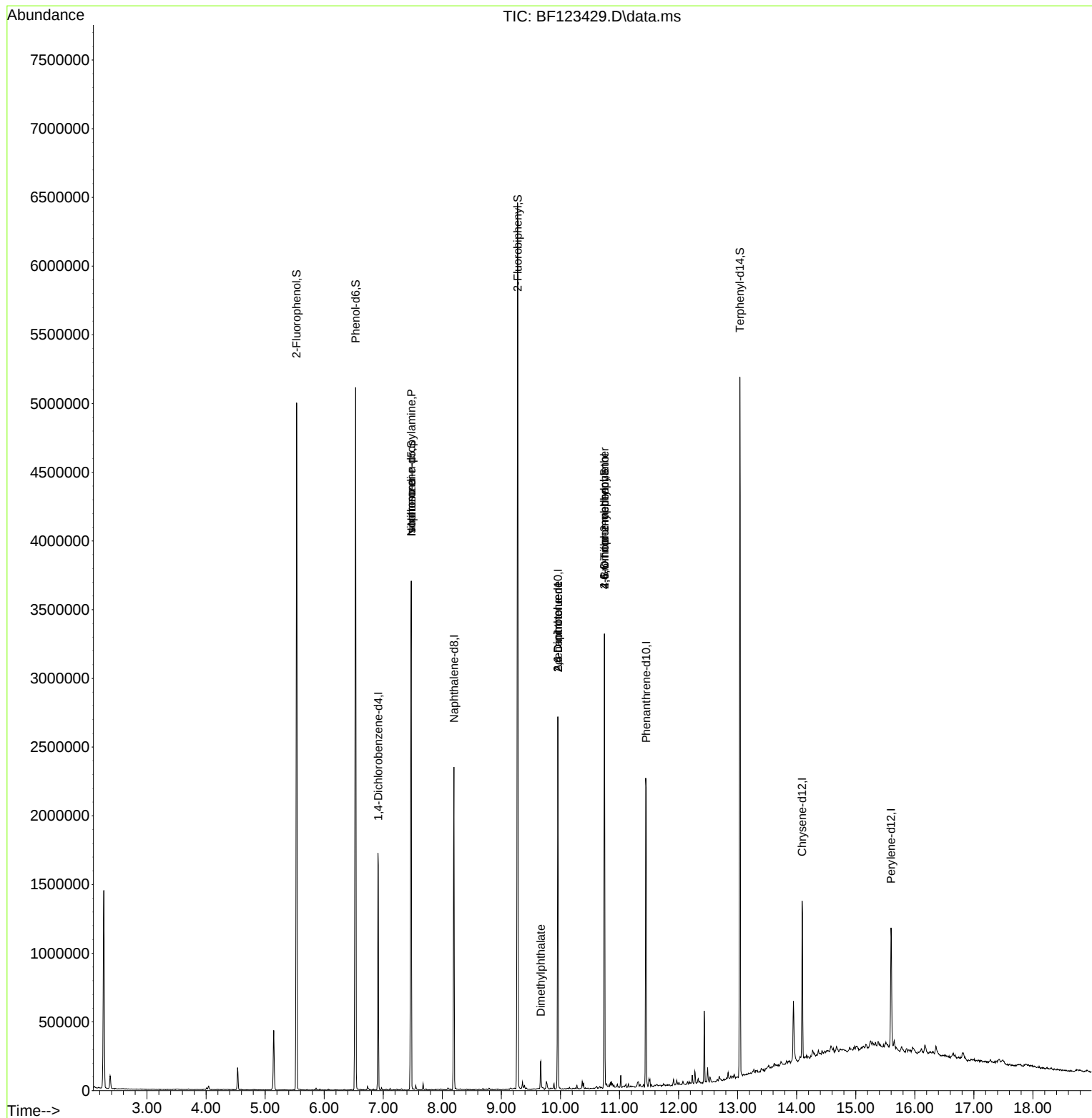
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	258655	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	973449	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	537399	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	835878	20.00	ng	0.00
76) Chrysene-d12	14.092	240	407184	20.00	ng	-0.01
86) Perylene-d12	15.598	264	419640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1286098	81.34	ng	0.01
7) Phenol-d6	6.534	99	1727483	82.08	ng	0.00
23) Nitrobenzene-d5	7.475	82	1201517	66.62	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	370361	61.64	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	2243940	59.65	ng	0.00
79) Terphenyl-d14	13.039	244	1718174	71.51	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	201	Below Cal	#	55
19) n-Nitroso-di-n-propyla...	7.475	70	165469	12.15	ng	# 80
25) Isophorone	7.475	82	1197431	30.88	ng	# 65
50) Dimethylphthalate	9.669	163	79736	2.09	ng	99
51) 2,6-Dinitrotoluene	9.957	165	69479	8.71	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	69479	6.98	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	970	5.32	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	21983	2.22	ng	# 1

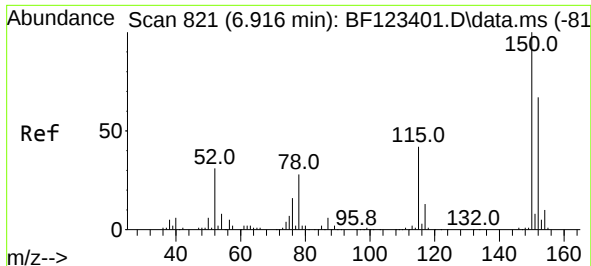
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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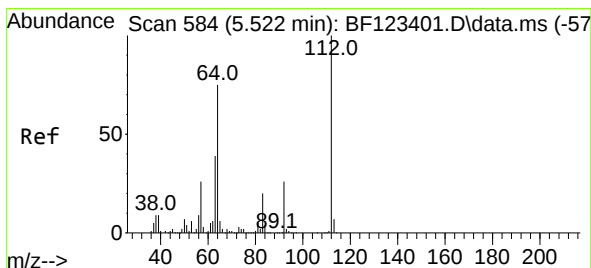
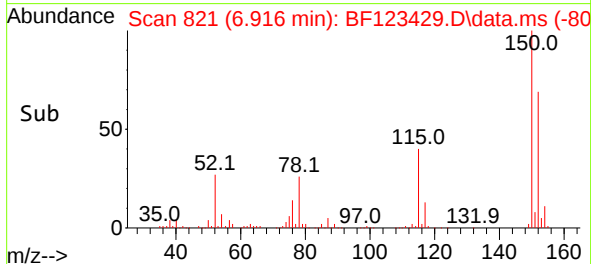
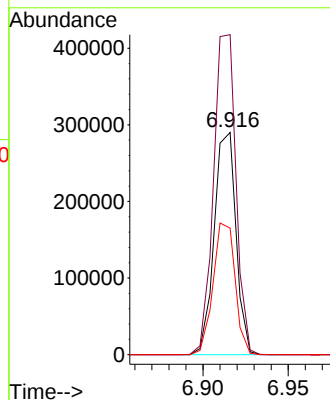
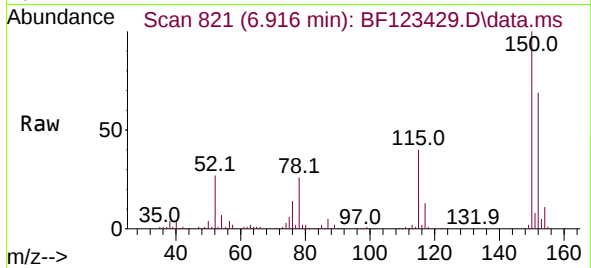




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

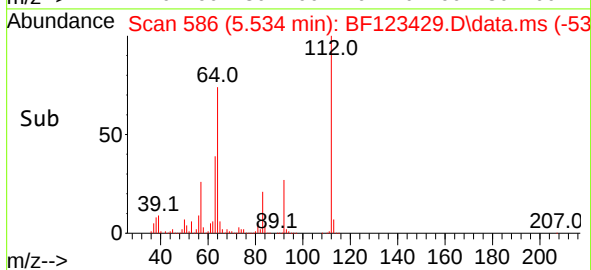
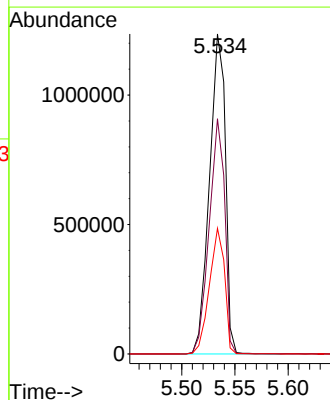
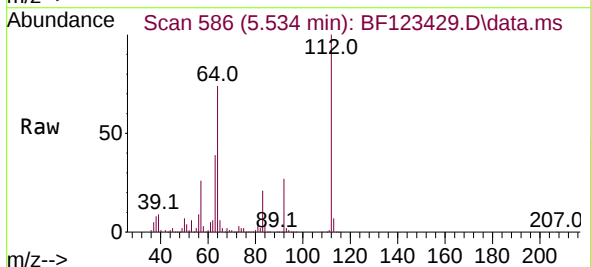
Instrument :
BNA_F
ClientSampleId :
NEW-BLOCK

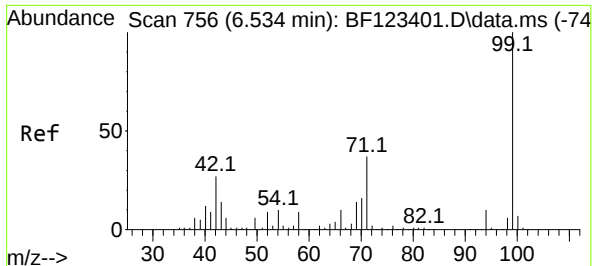
Tgt Ion:152 Resp: 258655
Ion Ratio Lower Upper
152 100
150 144.0 125.8 188.6
115 56.9 49.3 73.9



#5
2-Fluorophenol
Concen: 81.34 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion:112 Resp: 1286098
Ion Ratio Lower Upper
112 100
64 73.5 46.9 70.3#
63 39.3 24.5 36.7#



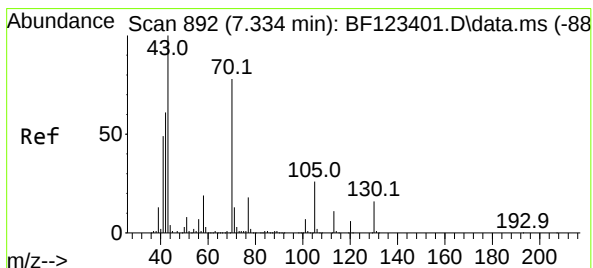
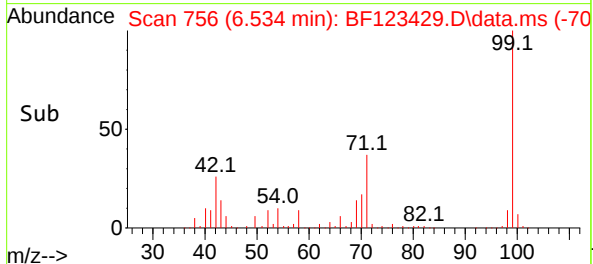
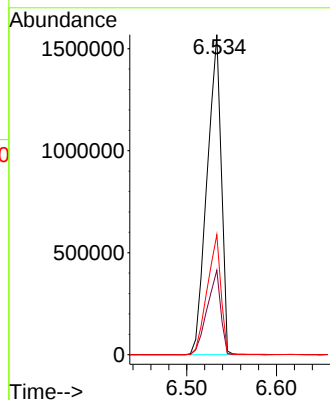
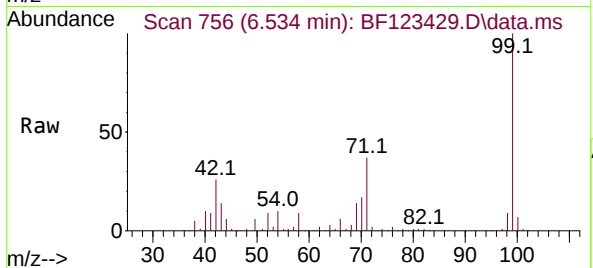


#7
Phenol-d6
Concen: 82.08 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Instrument :
BNA_F
ClientSampleId :
NEW-BLOCK

Tgt Ion: 99 Resp: 1727483

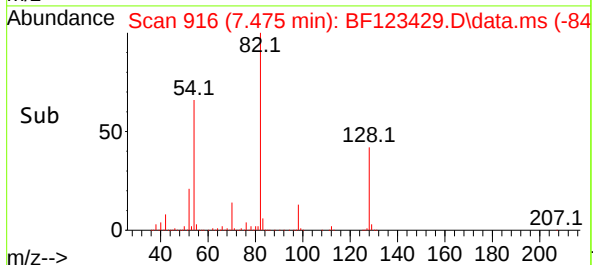
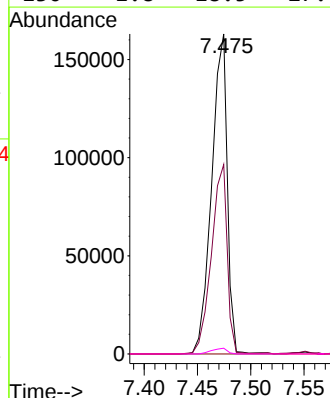
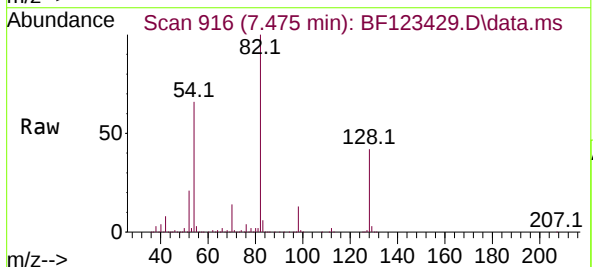
Ion	Ratio	Lower	Upper
99	100		
42	26.4	13.8	20.6#
71	37.5	26.9	40.3

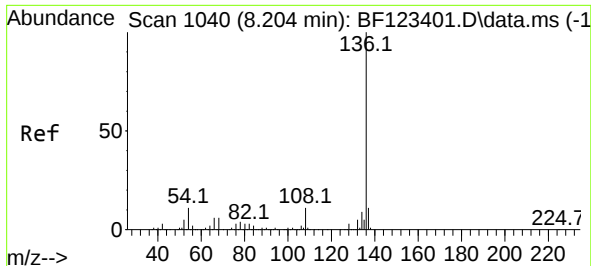


#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion: 70 Resp: 165469

Ion	Ratio	Lower	Upper
70	100		
42	59.2	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#

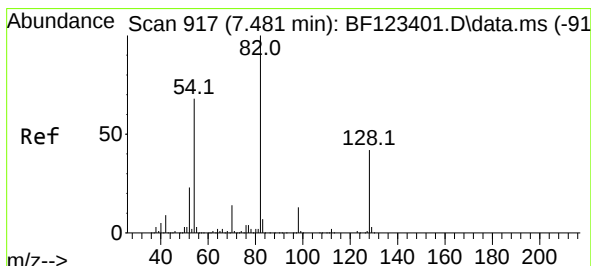
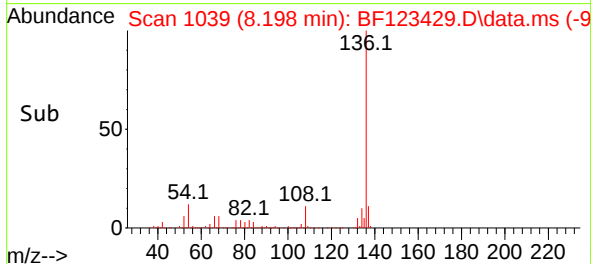
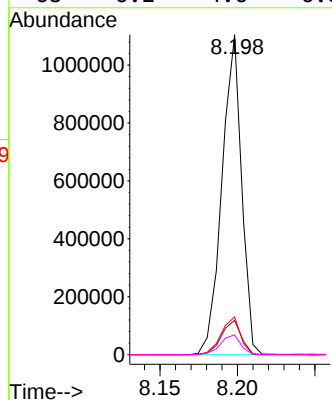
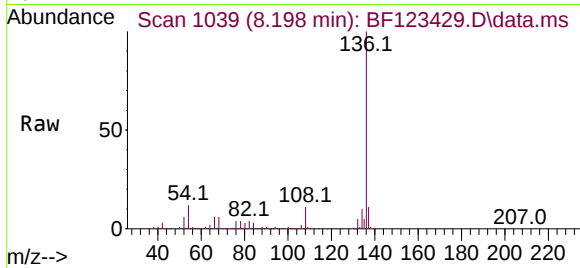




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

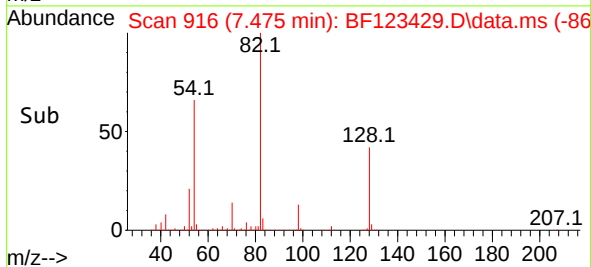
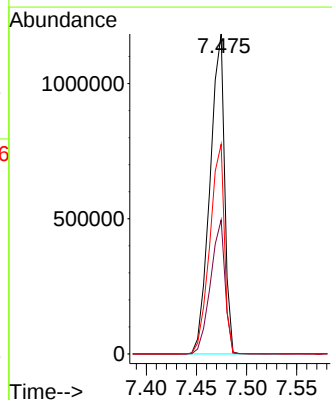
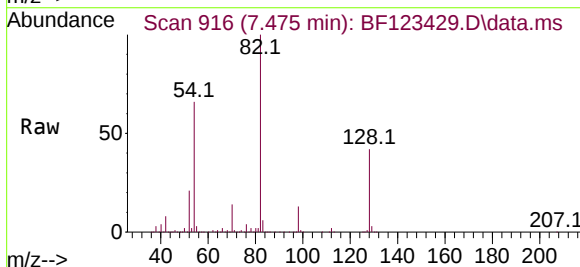
Instrument :
BNA_F
ClientSampleId :
NEW-BLOCK

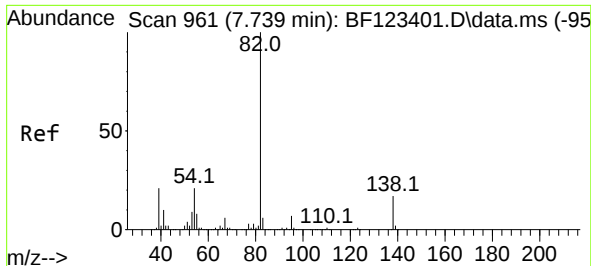
Tgt Ion:136	Resp: 973449
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 11.7	5.5 8.3#
68 6.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.62 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion: 82	Resp: 1201517
Ion Ratio	Lower Upper
82 100	
128 41.9	37.0 55.4
54 65.6	38.4 57.6#

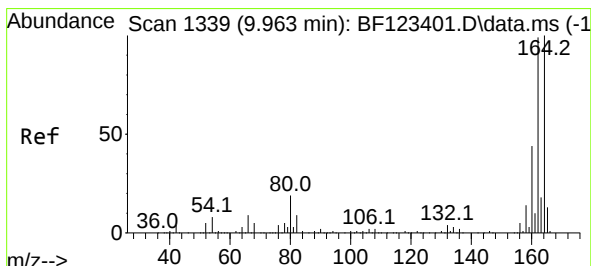
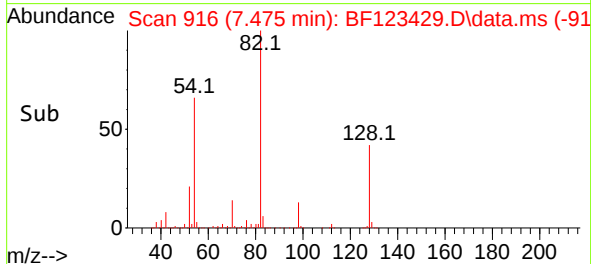
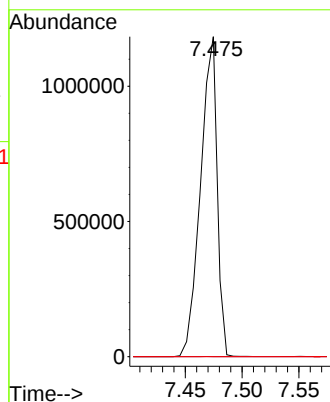
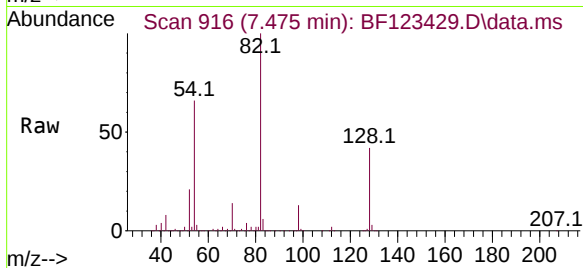




#25
Isophorone
Concen: 30.88 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

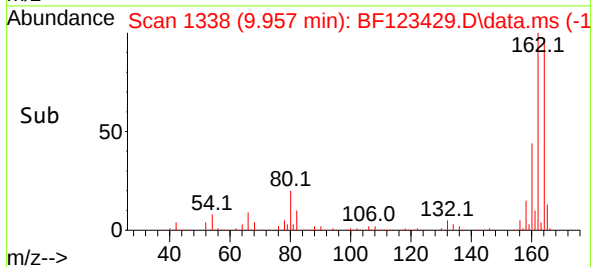
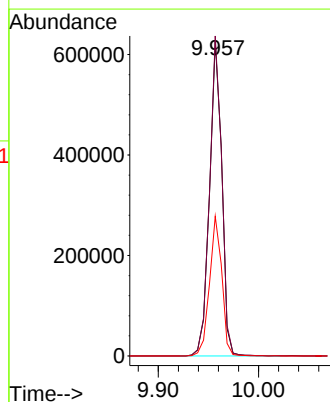
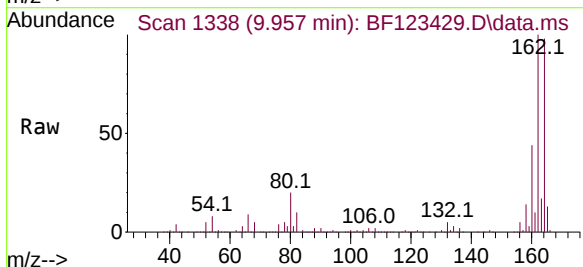
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ClientSampleId :
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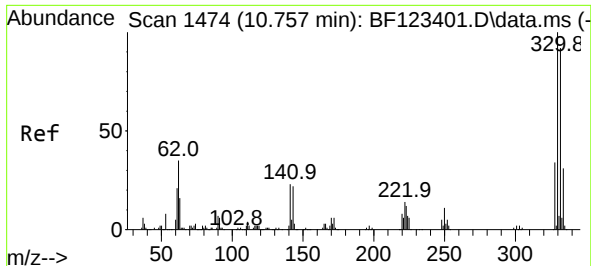
Tgt Ion: 82 Resp: 1197431
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion:164 Resp: 537399
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 44.4 35.4 53.0

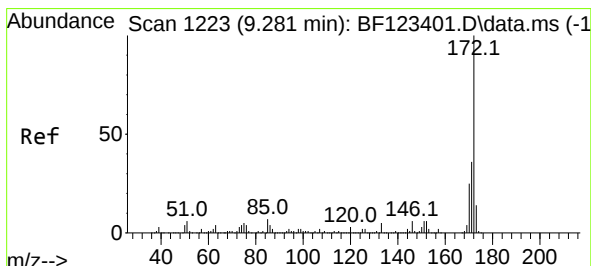
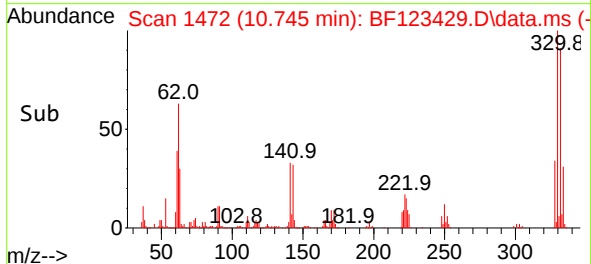
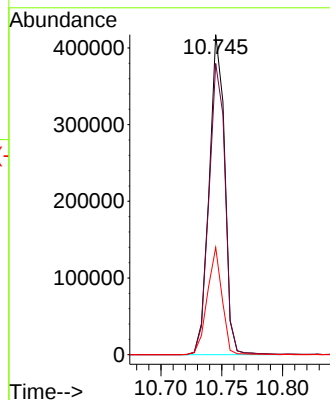
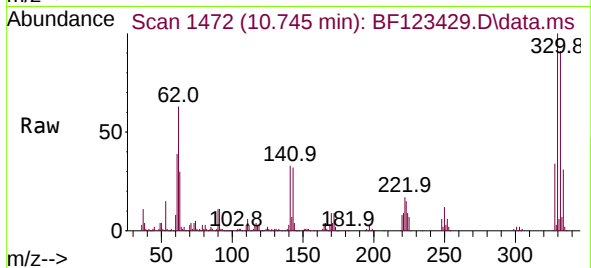




#42
2,4,6-Tribromophenol
Concen: 61.64 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

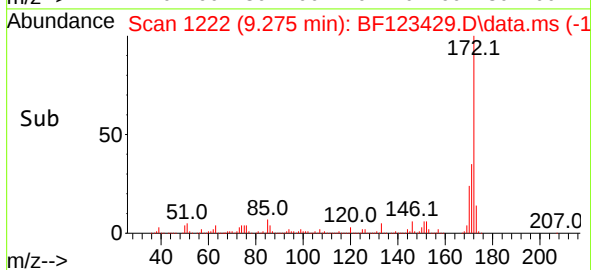
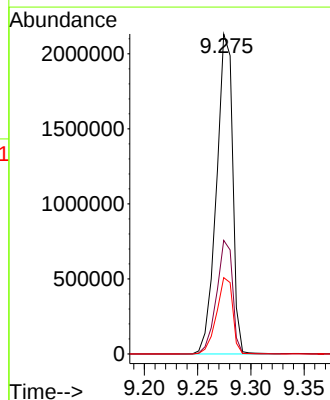
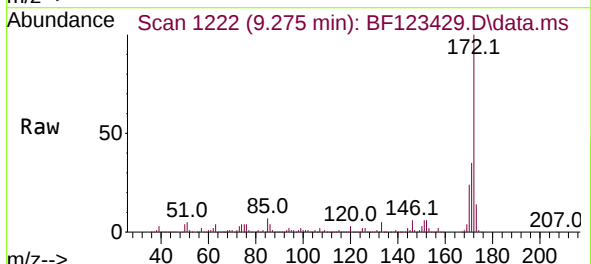
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ClientSampleId :
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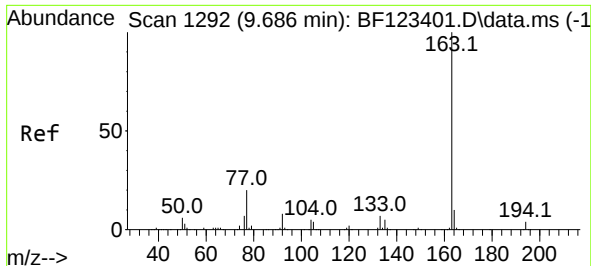
Tgt Ion: 330 Resp: 370361
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.65 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion: 172 Resp: 2243940
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.9 19.5 29.3

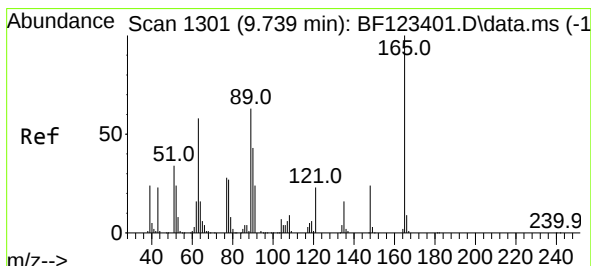
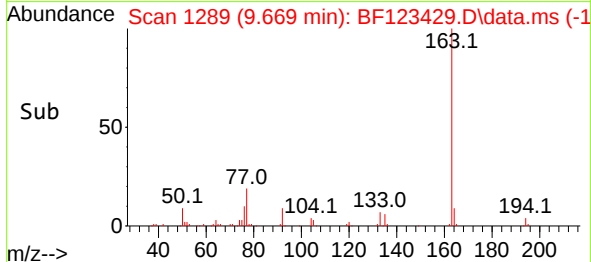
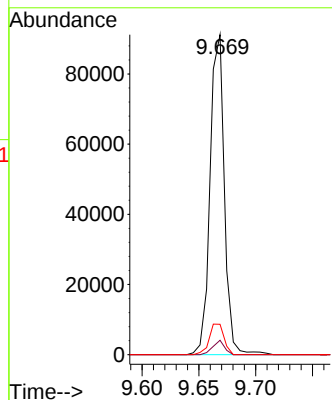
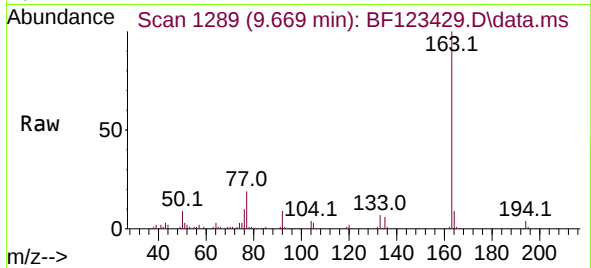




#50
Dimethylphthalate
Concen: 2.09 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

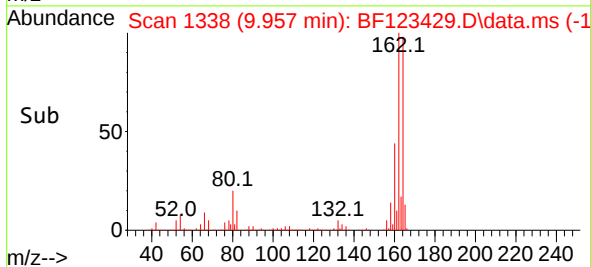
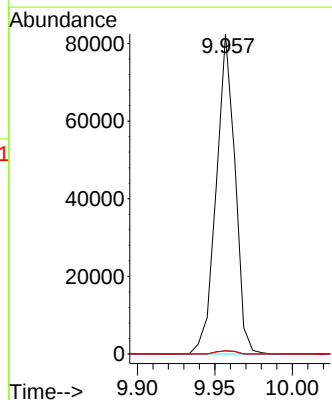
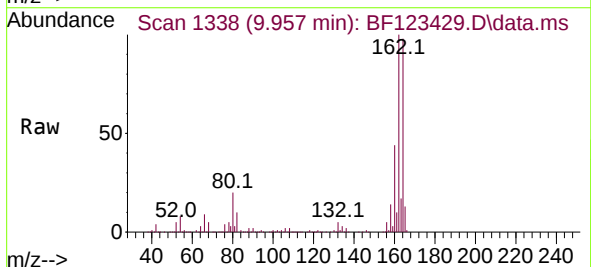
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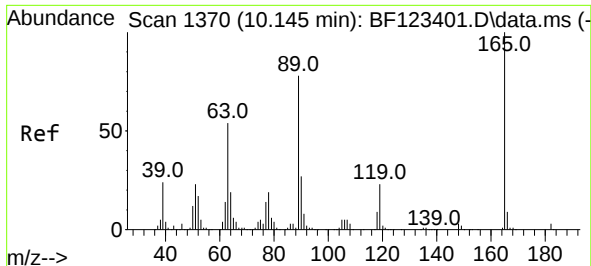
Tgt Ion:163 Resp: 79736
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion:165 Resp: 69479
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#

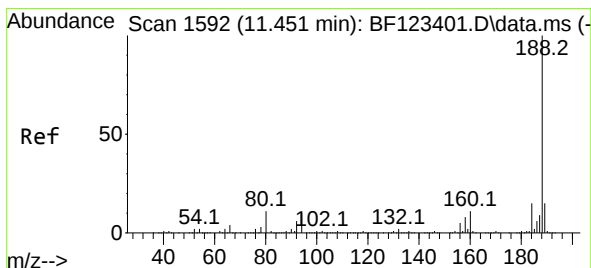
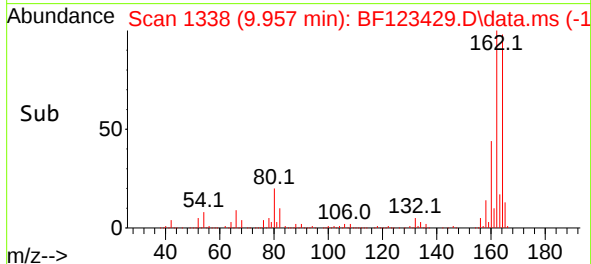
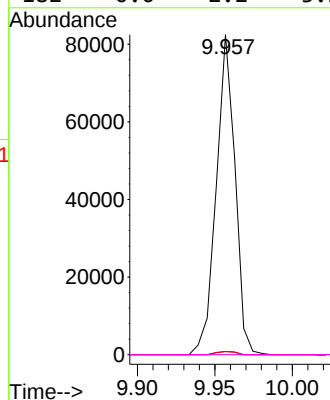
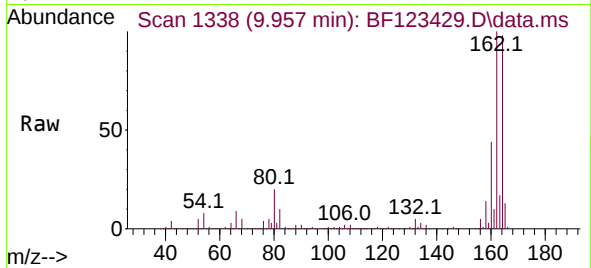




#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

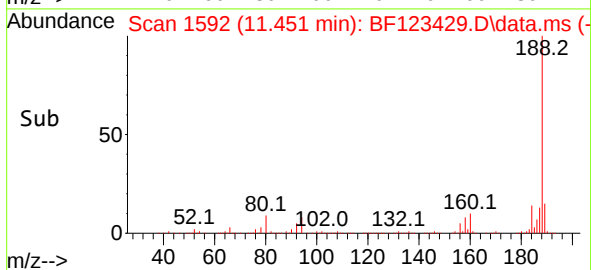
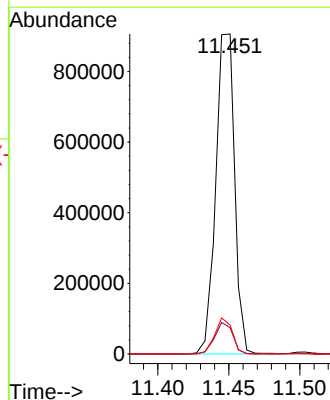
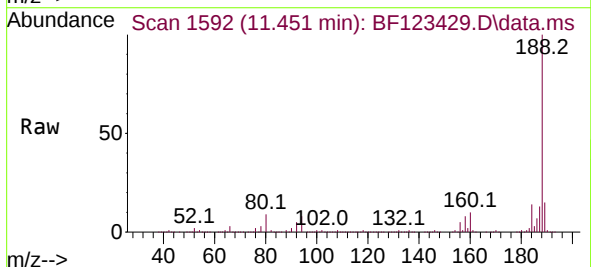
Instrument :
BNA_F
ClientSampled :
NEW-BLOCK

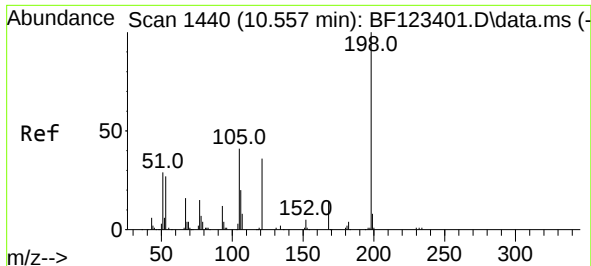
Tgt Ion:165	Resp:	69479
Ion Ratio	Lower	Upper
165	100	
63	1.0	34.3 51.5#
89	1.0	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion:188	Resp:	835878
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.4 11.2
80	9.1	8.2 12.4

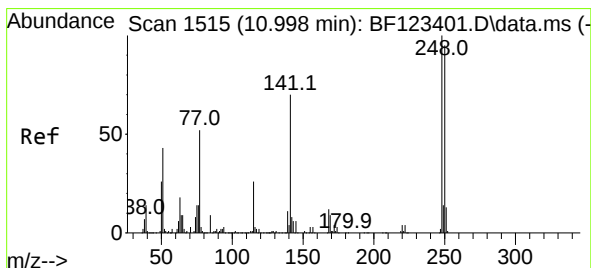
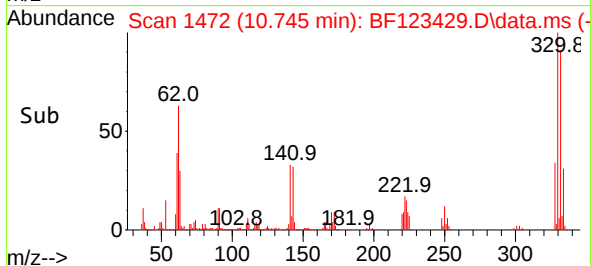
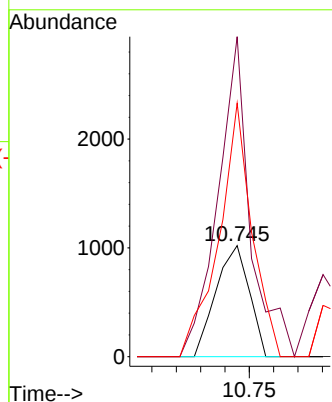
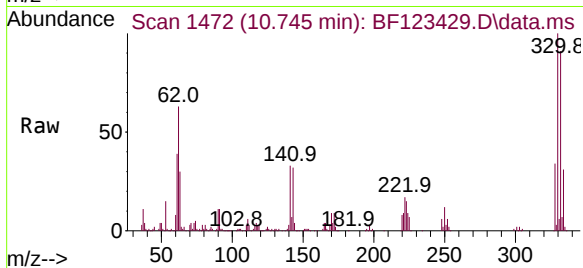




#65
4,6-Dinitro-2-methylphenol
Concen: 5.32 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

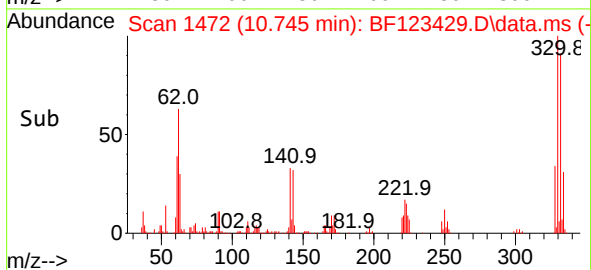
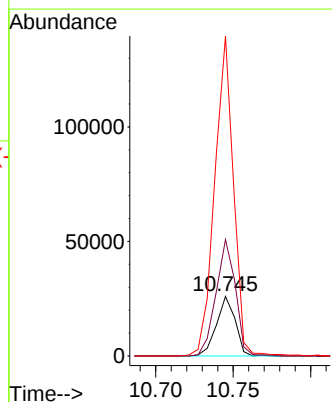
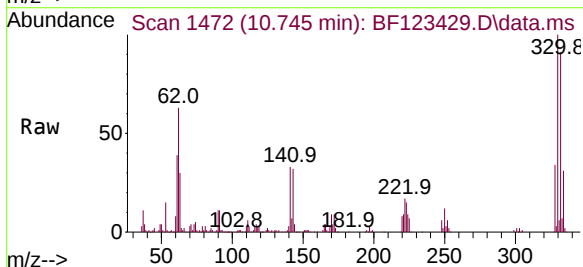
Instrument :
BNA_F
ClientSampled :
NEW-BLOCK

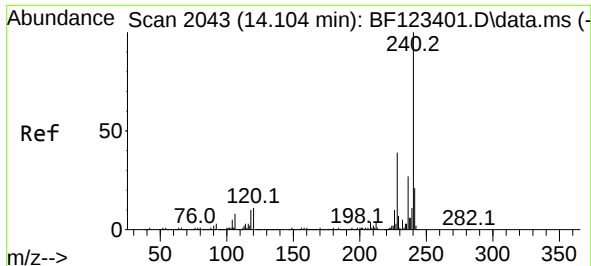
Tgt Ion:198 Resp: 970
Ion Ratio Lower Upper
198 100
51 288.1 20.3 60.3#
105 228.2 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.22 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

Tgt Ion:248 Resp: 21983
Ion Ratio Lower Upper
248 100
250 195.3 76.8 115.2#
141 537.0 59.8 89.8#

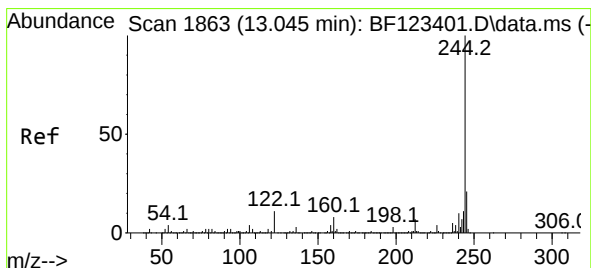
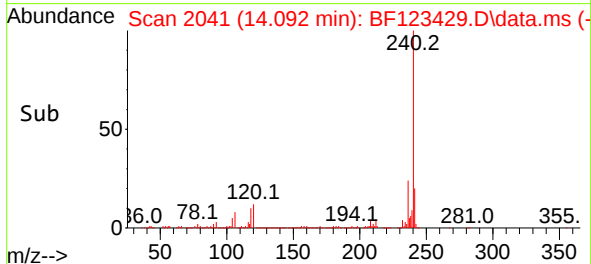
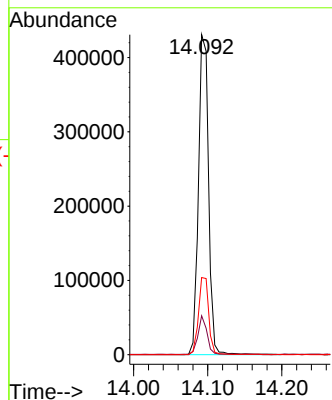
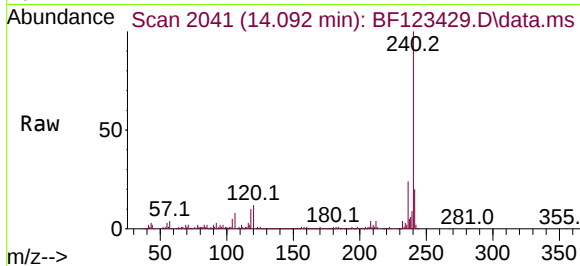




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

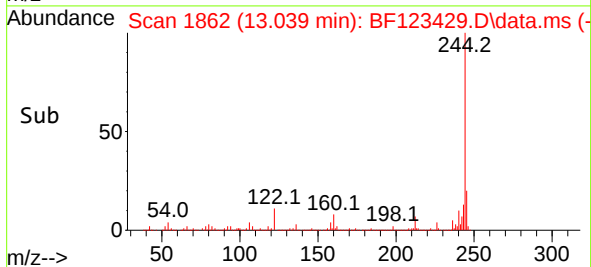
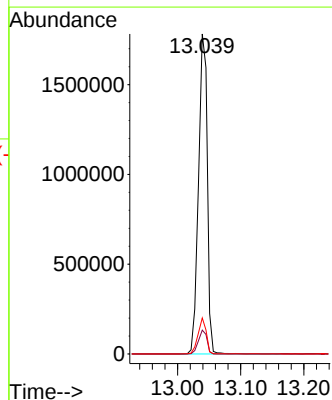
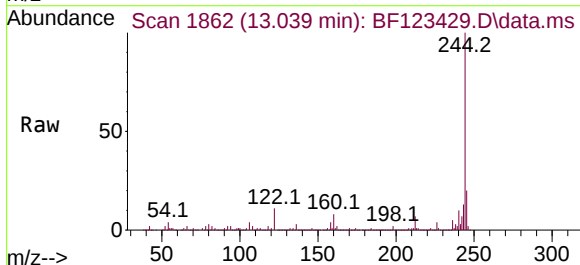
Instrument :
BNA_F
ClientSampleId :
NEW-BLOCK

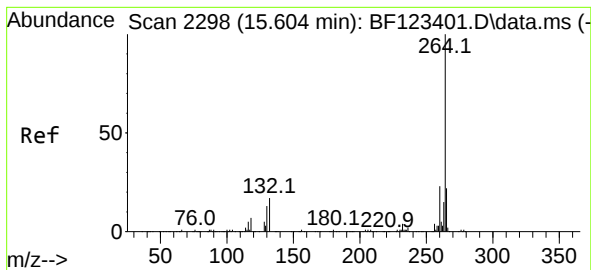
Tgt Ion:240 Resp: 407184
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 24.1 20.3 30.5



#79
Terphenyl-d14
Concen: 71.51 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF123429.D
Acq: 24 Mar 2021 8:35

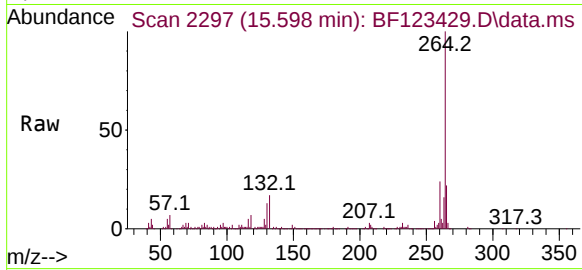
Tgt Ion:244 Resp: 1718174
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.598 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: BF123429.D
 Acq: 24 Mar 2021 8:35

Instrument :
 BNA_F
 ClientSampleId :
 NEW-BLOCK



Tgt Ion:264 Resp: 419640
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.3 17.0 25.6

