

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123430.D
 Acq On : 24 Mar 2021 9:07
 Operator : JU/CG
 Sample : M1712-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-PAT

Quant Time: Mar 24 10:01:18 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)

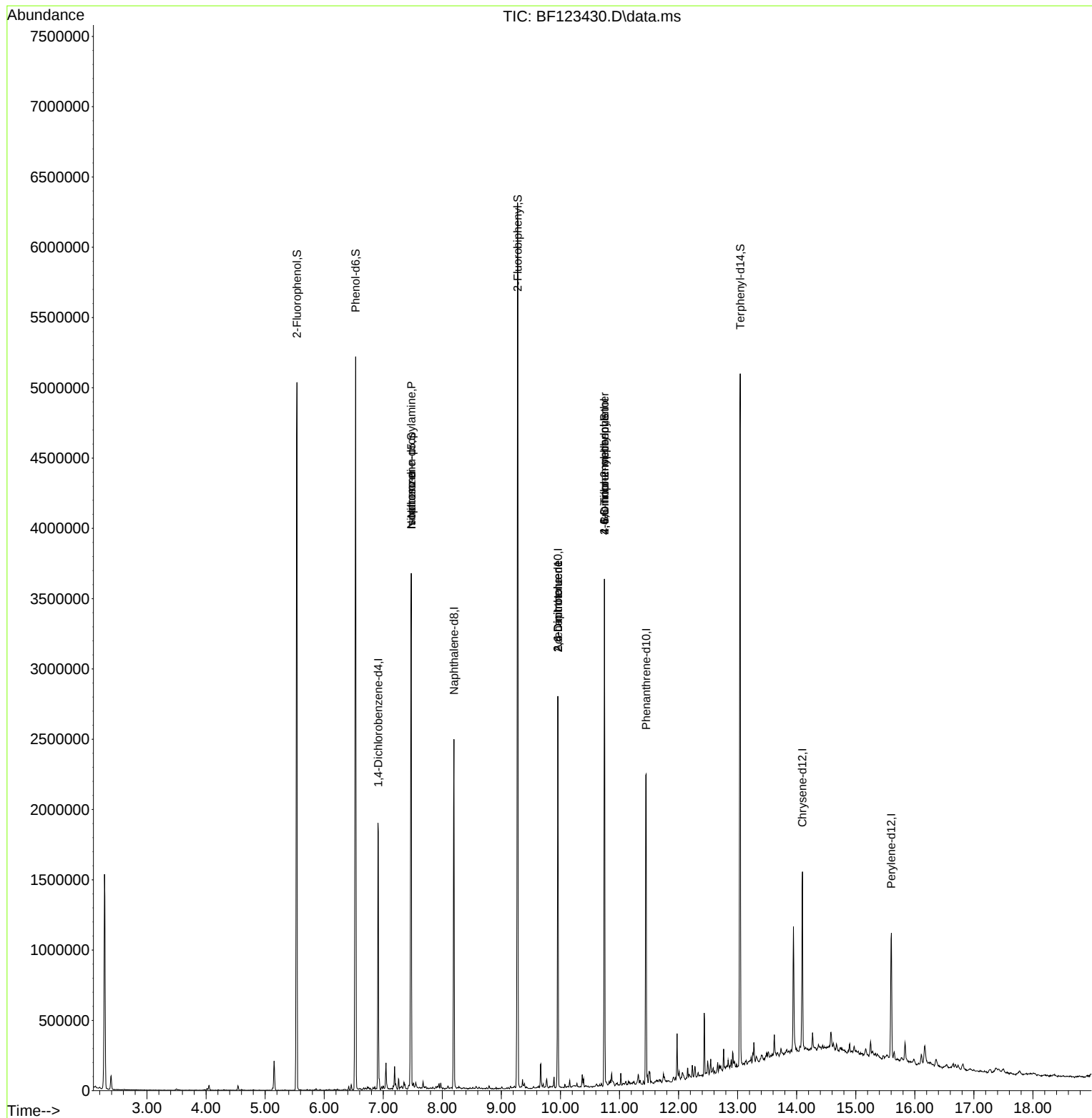
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	281868	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1036471	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	552265	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	849396	20.00	ng	0.00
76) Chrysene-d12	14.098	240	433394	20.00	ng	0.00
86) Perylene-d12	15.604	264	453541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1332458	77.34	ng	0.02
7) Phenol-d6	6.534	99	1703560	74.27	ng	0.00
23) Nitrobenzene-d5	7.475	82	1189840	61.96	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	411195	66.60	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	2137039	55.28	ng	0.00
79) Terphenyl-d14	13.045	244	1730176	67.66	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	1086	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.475	70	167831	11.31	ng	# 81
25) Isophorone	7.475	82	1184363	28.69	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	69897	8.53	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	69897	6.83	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	898	5.30	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	23401	2.33	ng	# 1

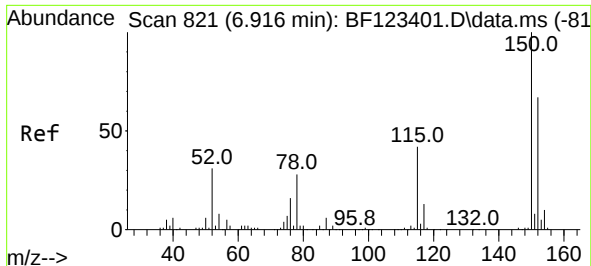
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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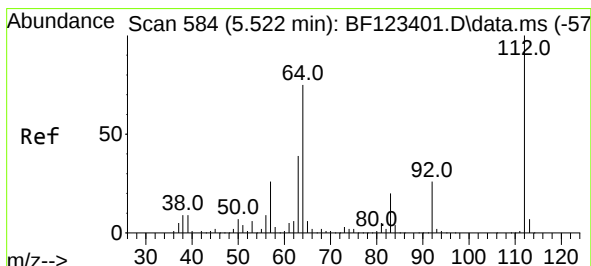
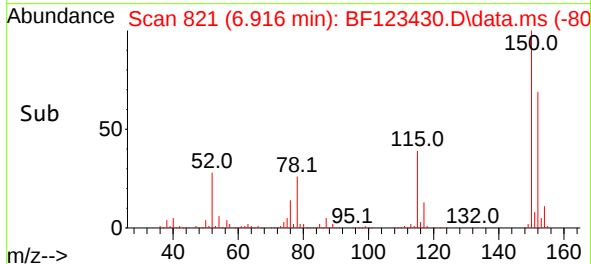
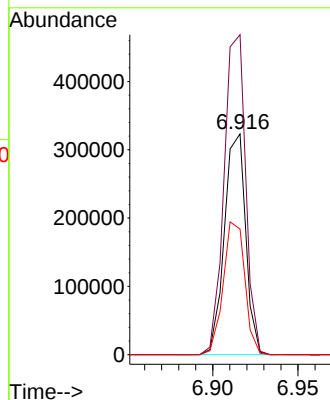
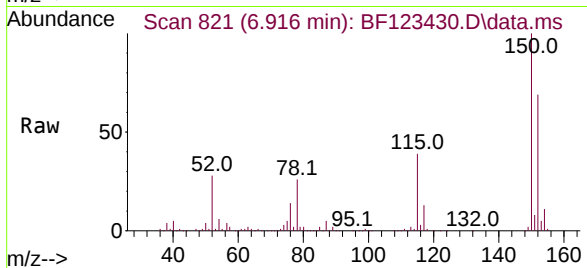




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

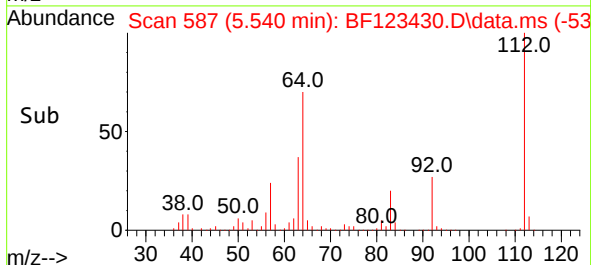
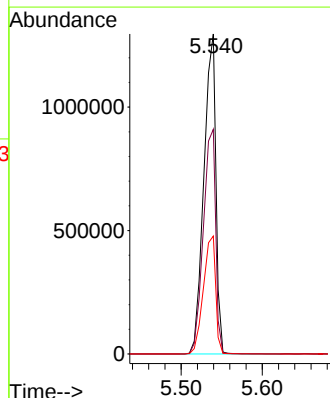
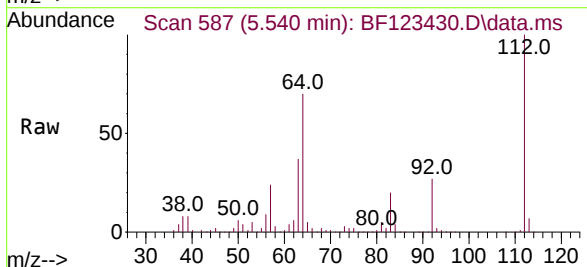
Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

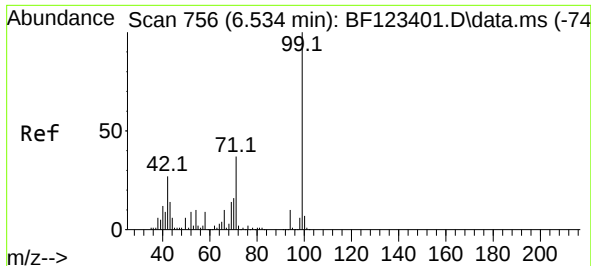
Tgt Ion:152 Resp: 281868
Ion Ratio Lower Upper
152 100
150 144.9 125.8 188.6
115 56.9 49.3 73.9



#5
2-Fluorophenol
Concen: 77.34 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion:112 Resp: 1332458
Ion Ratio Lower Upper
112 100
64 70.2 46.9 70.3
63 36.9 24.5 36.7#

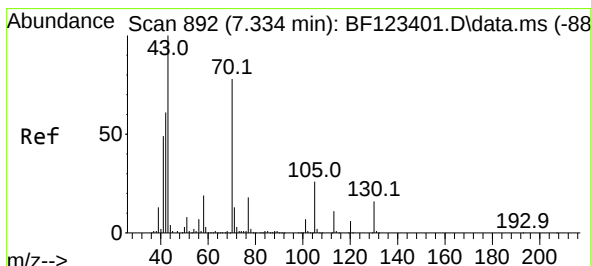
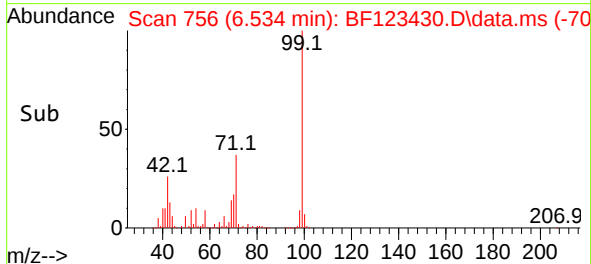
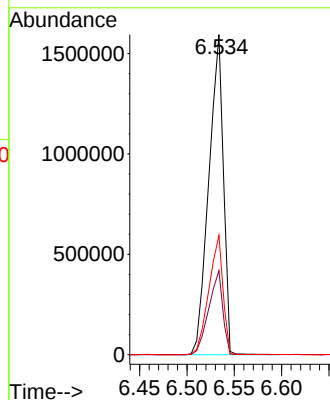
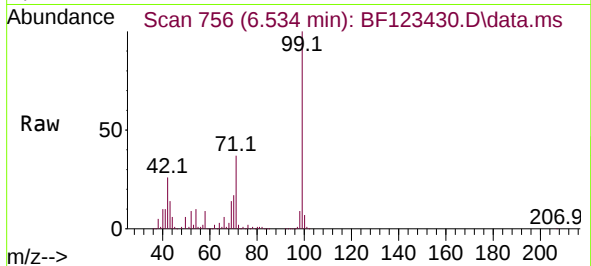




#7
Phenol-d6
Concen: 74.27 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

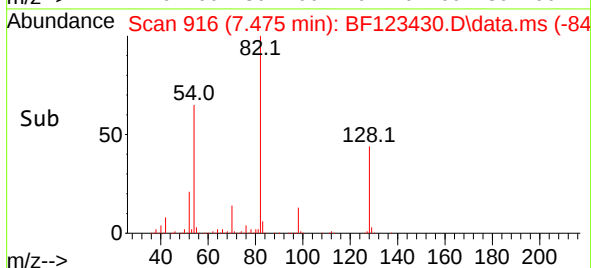
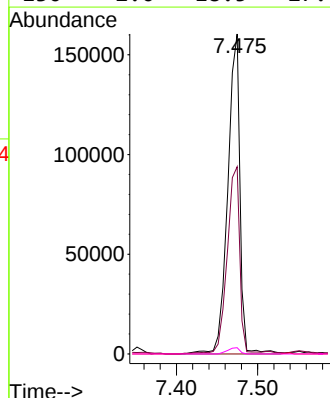
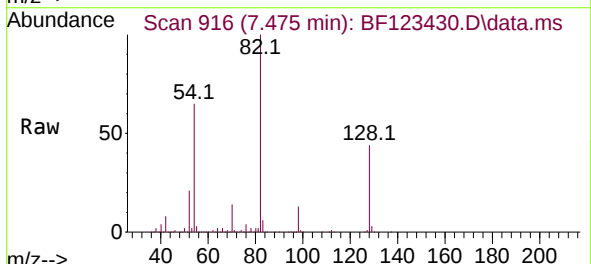
Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

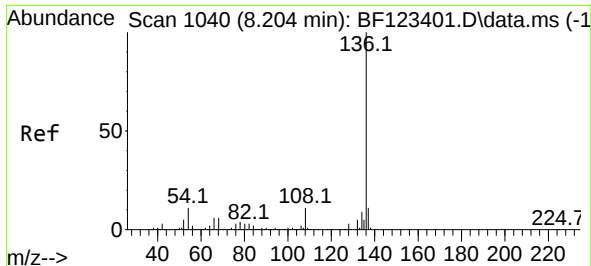
Tgt Ion: 99 Resp: 1703560
Ion Ratio Lower Upper
99 100
42 26.2 13.8 20.6#
71 37.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.31 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion: 70 Resp: 167831
Ion Ratio Lower Upper
70 100
42 58.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



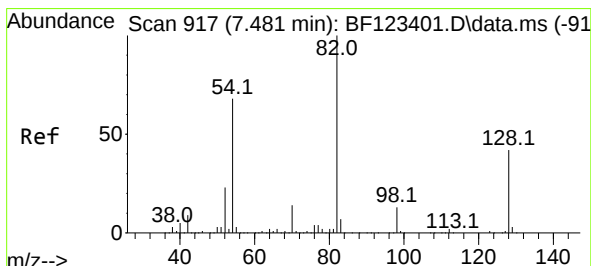
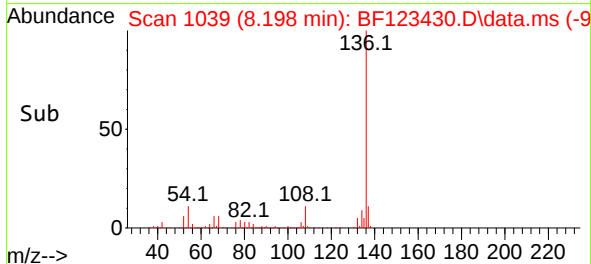
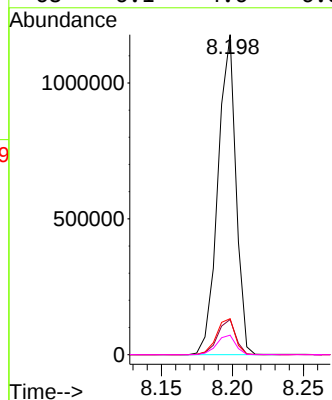
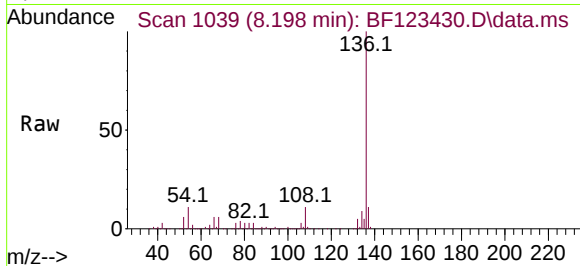


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

Tgt Ion:136 Resp: 1036471

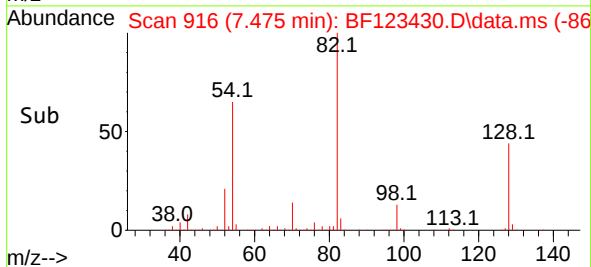
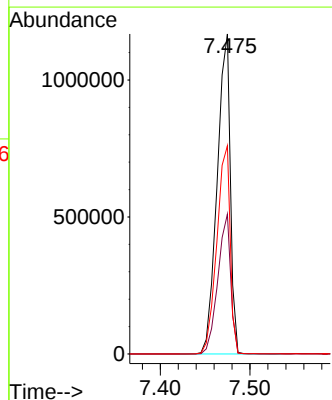
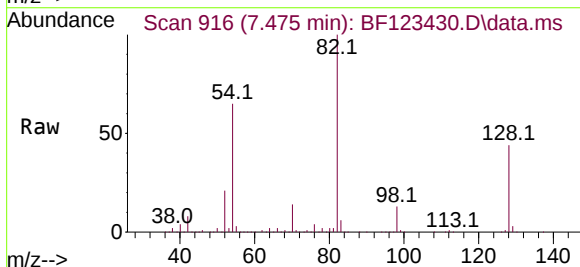
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.2	5.5	8.3#
68	6.1	4.6	6.8

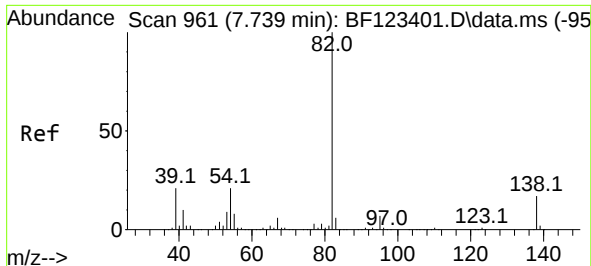


#23
Nitrobenzene-d5
Concen: 61.96 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion: 82 Resp: 1189840

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.4
54	65.1	38.4	57.6#

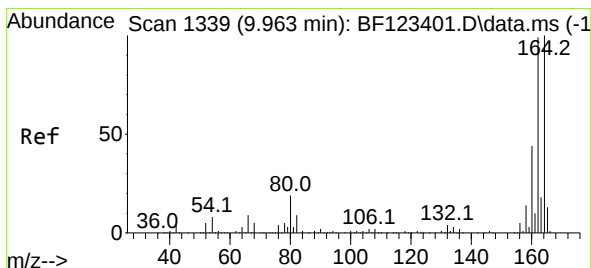
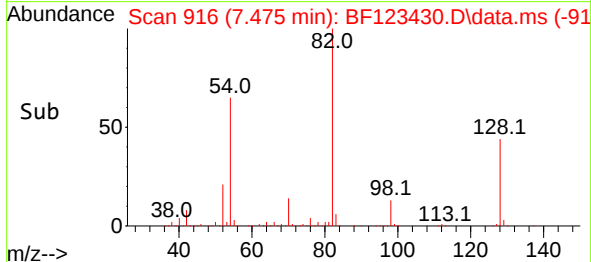
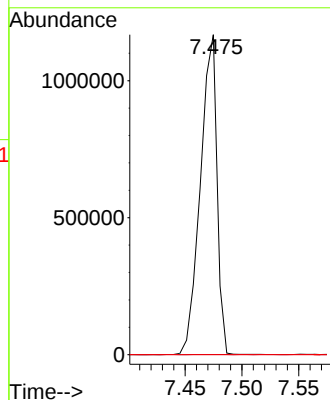
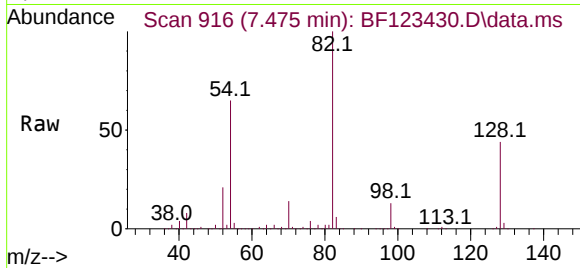




#25
Isophorone
Concen: 28.69 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

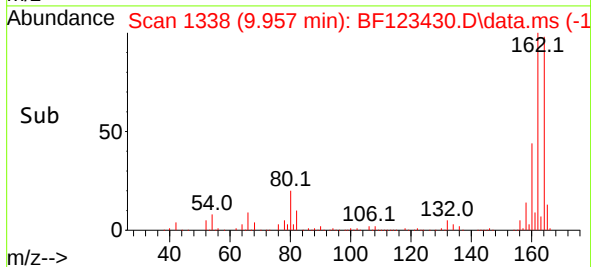
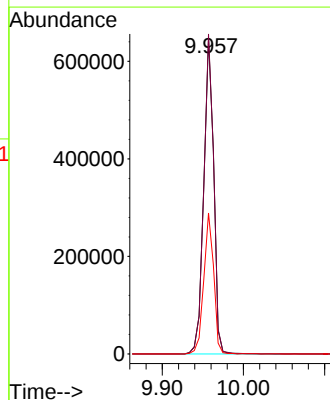
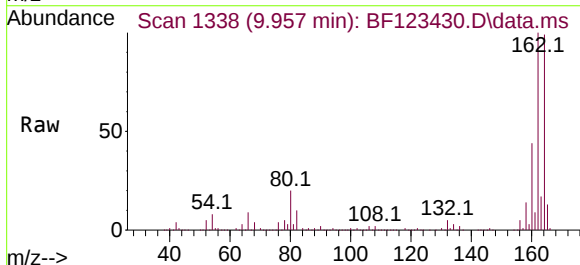
Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

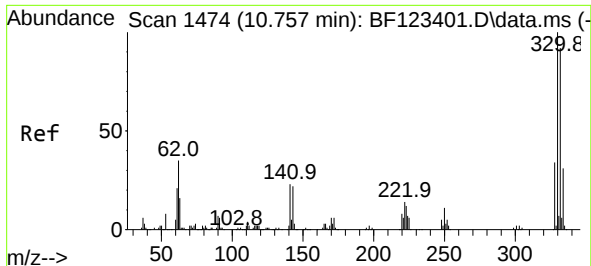
Tgt Ion: 82 Resp: 1184363
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion: 164 Resp: 552265
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.6 35.4 53.0

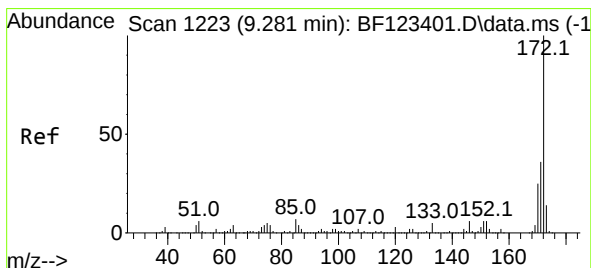
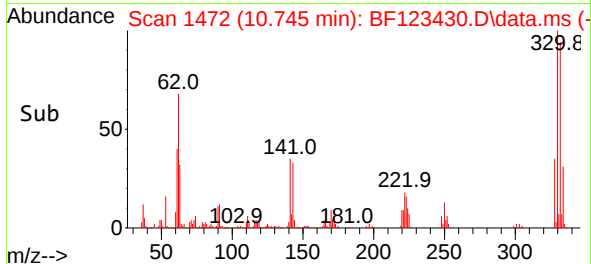
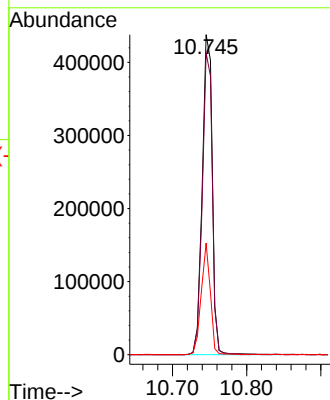
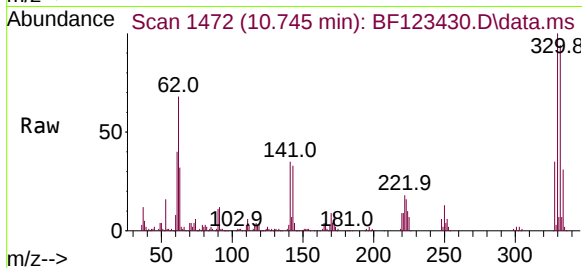




#42
2,4,6-Tribromophenol
Concen: 66.60 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

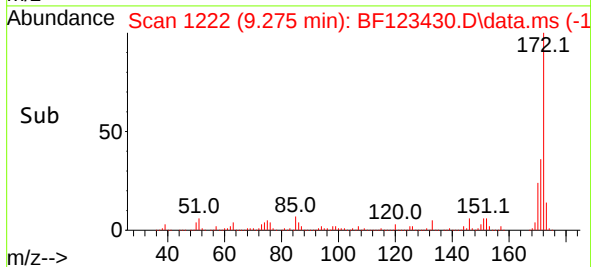
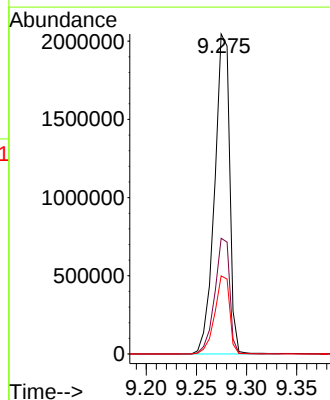
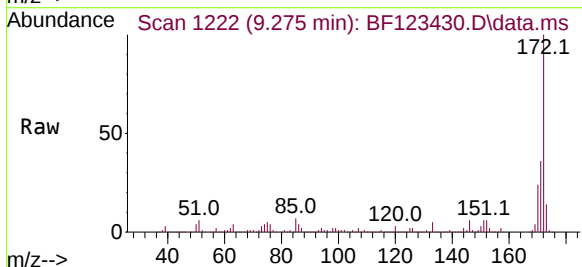
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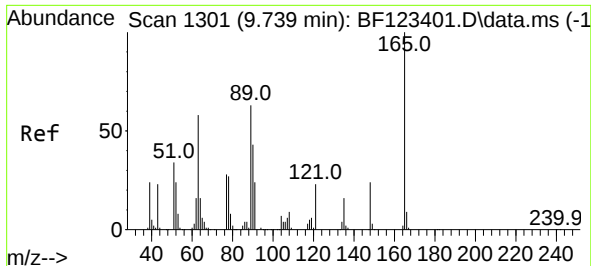
Tgt Ion: 330 Resp: 411195
Ion Ratio Lower Upper
330 100
332 94.1 77.5 116.3
141 31.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.28 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion: 172 Resp: 2137039
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.4 19.5 29.3

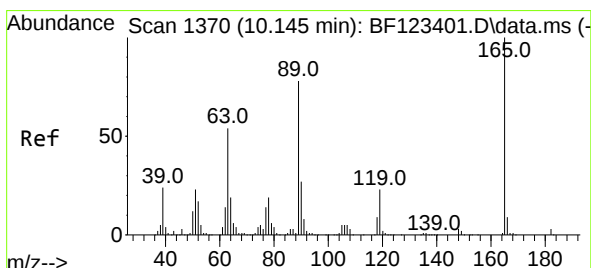
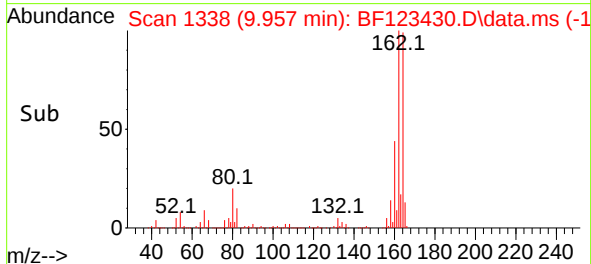
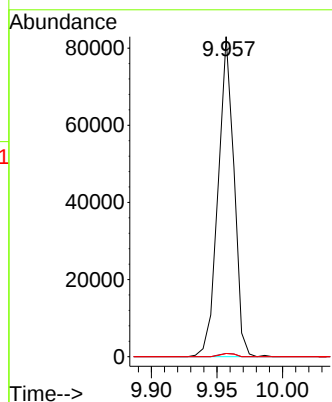
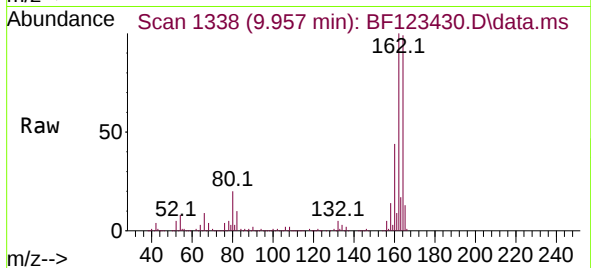




#51
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

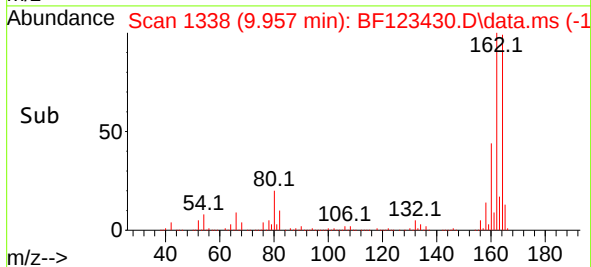
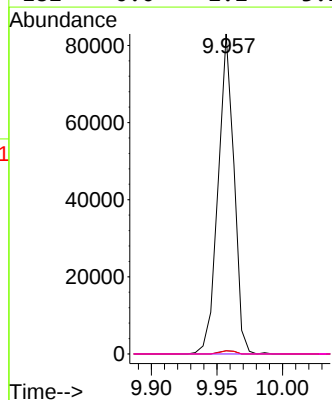
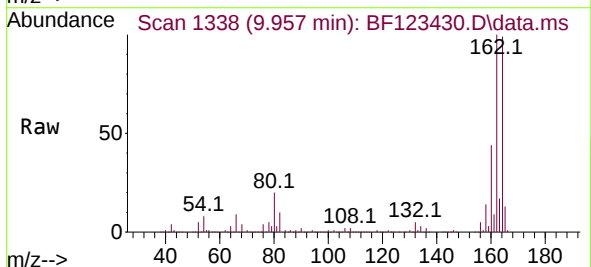
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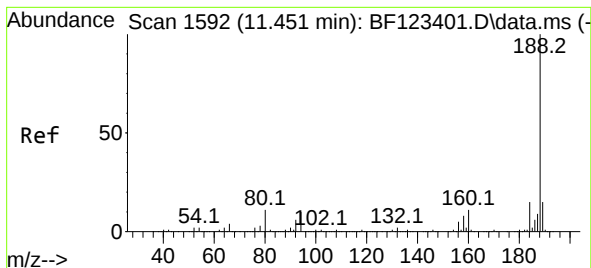
Tgt Ion:165 Resp: 69897
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion:165 Resp: 69897
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#

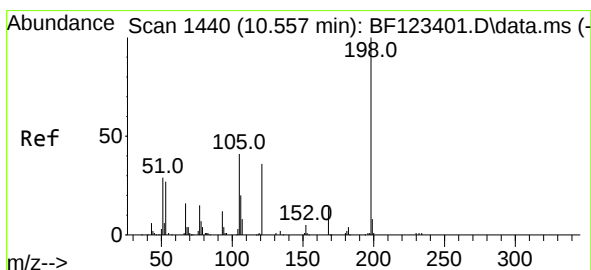
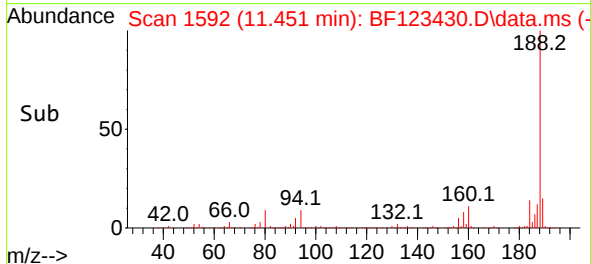
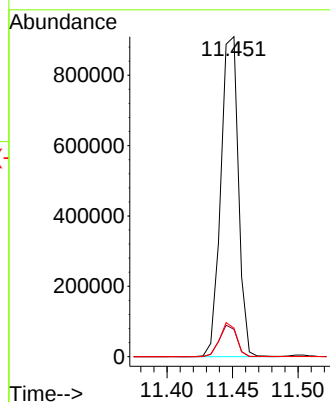
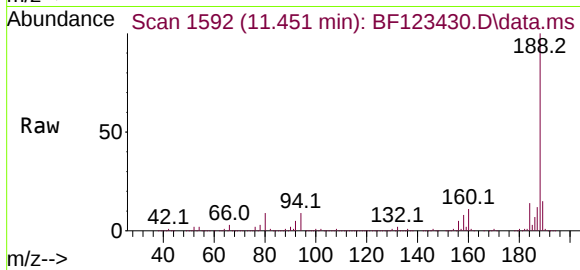




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

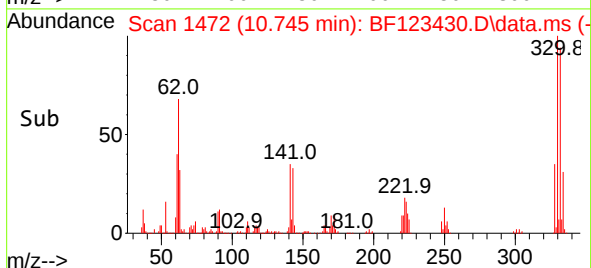
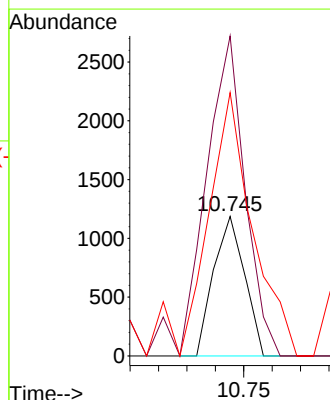
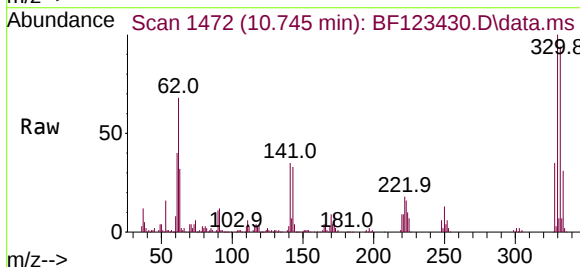
Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

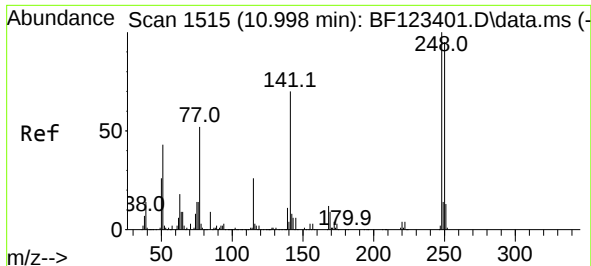
Tgt Ion:188 Resp: 849396
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion:198 Resp: 898
Ion Ratio Lower Upper
198 100
51 229.3 20.3 60.3#
105 188.7 23.0 63.0#

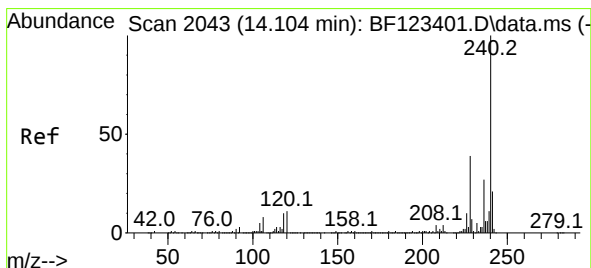
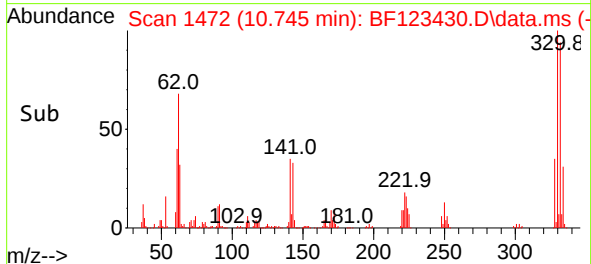
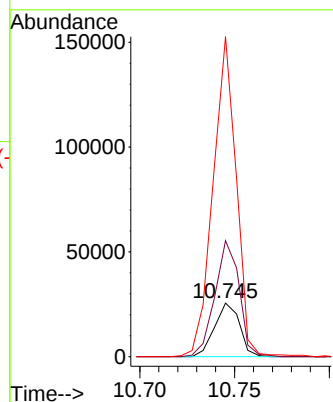
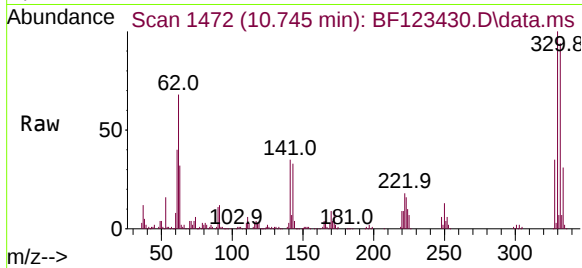




#67
4-Bromophenyl-phenylether
Concen: 2.33 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

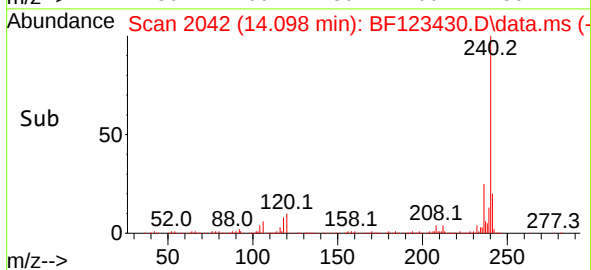
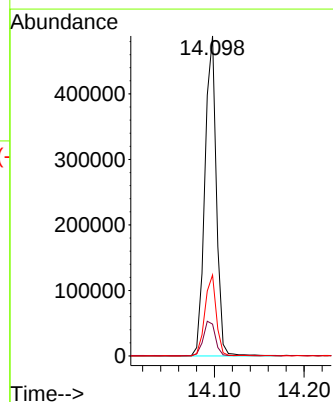
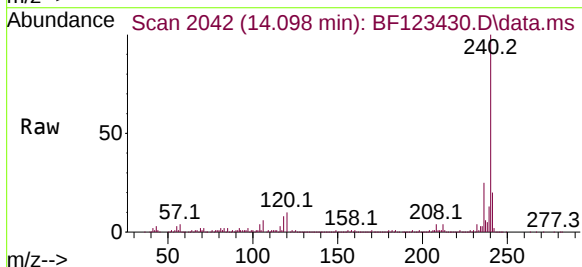
Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

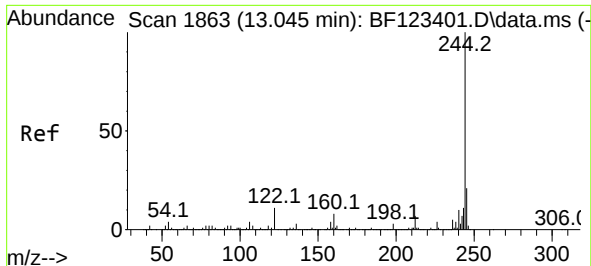
Tgt Ion:248 Resp: 23401
Ion Ratio Lower Upper
248 100
250 216.4 76.8 115.2#
141 596.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion:240 Resp: 433394
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.3 20.3 30.5

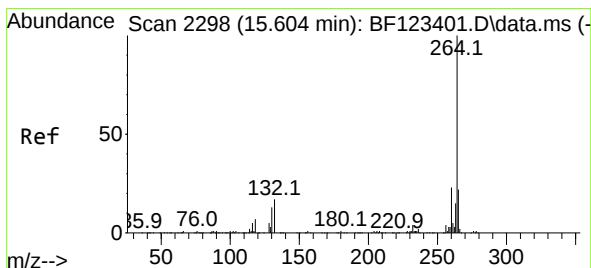
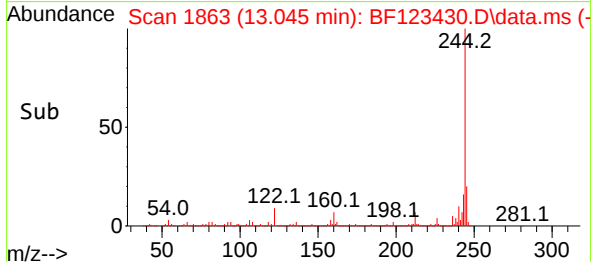
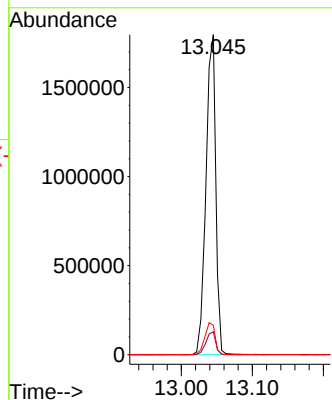
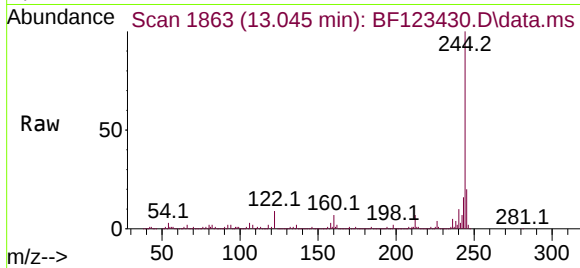




#79
Terphenyl-d14
Concen: 67.66 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123430.D
Acq: 24 Mar 2021 9:07

Instrument :
BNA_F
ClientSampleId :
FLOOR-PAT

Tgt Ion:244 Resp: 1730176
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.1 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: BF123430.D
Acq: 24 Mar 2021 9:07

Tgt Ion:264 Resp: 453541
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.9 17.0 25.6

