

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123431.D
 Acq On : 24 Mar 2021 9:39
 Operator : JU/CG
 Sample : M1712-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YELLOW-WALL-1

Quant Time: Mar 24 10:01:30 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)

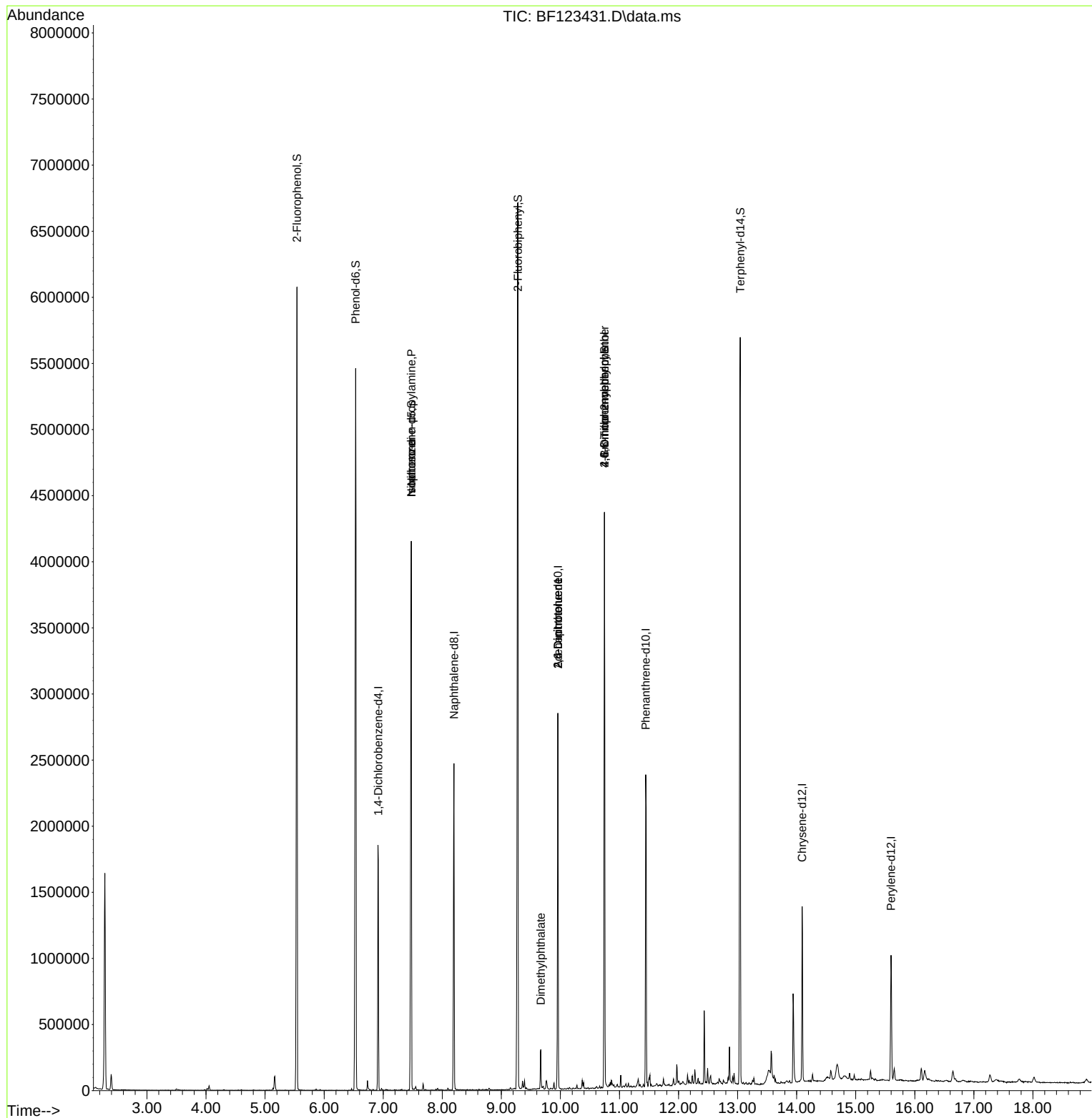
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	274230	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1026743	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	546998	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	858342	20.00	ng	0.00
76) Chrysene-d12	14.092	240	443830	20.00	ng	-0.01
86) Perylene-d12	15.598	264	452648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1565451	93.39	ng	0.02
7) Phenol-d6	6.534	99	1992329	89.28	ng	0.00
23) Nitrobenzene-d5	7.475	82	1361566	71.57	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	508835	83.21	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	2438052	63.68	ng	0.00
79) Terphenyl-d14	13.045	244	2035053	77.71	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.534	77	3782	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	189873	13.16	ng	# 81
25) Isophorone	7.475	82	1357142	33.18	ng	# 65
50) Dimethylphthalate	9.669	163	116131	2.99	ng	100
51) 2,6-Dinitrotoluene	9.957	165	74359	9.16	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	74359	7.34	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	1151	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	29663	2.92	ng	# 1

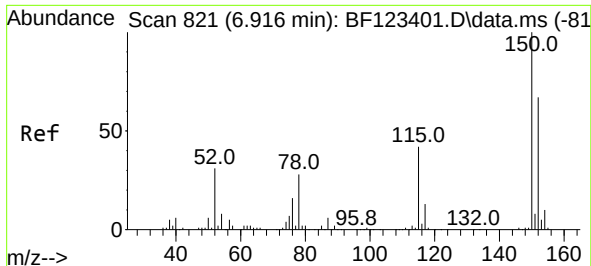
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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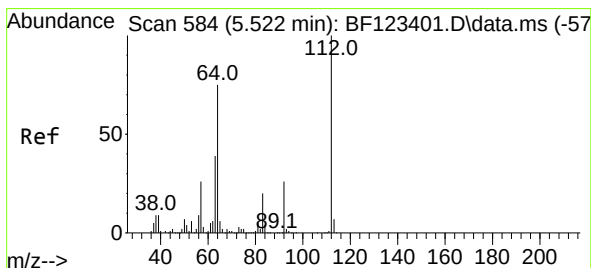
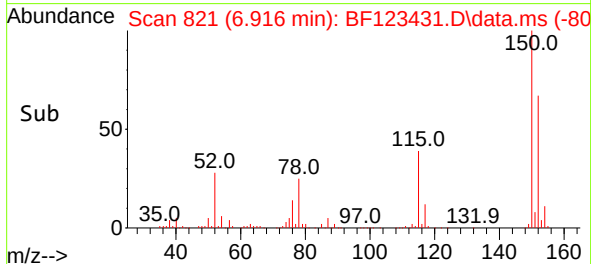
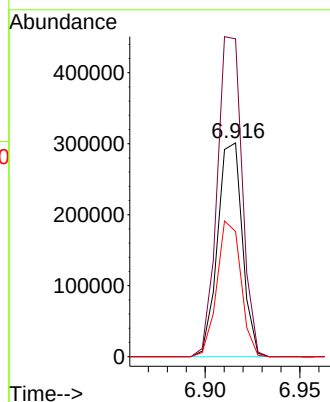
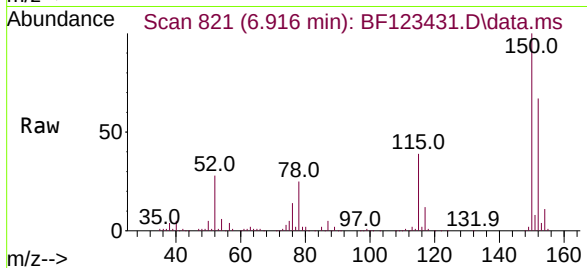




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

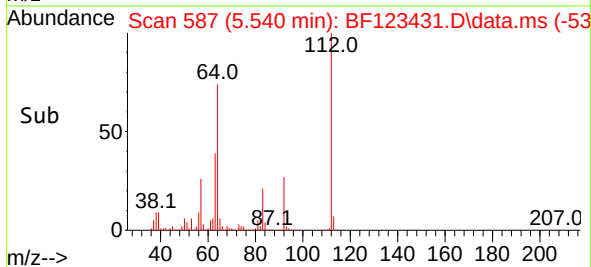
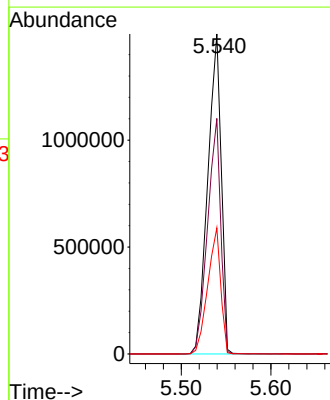
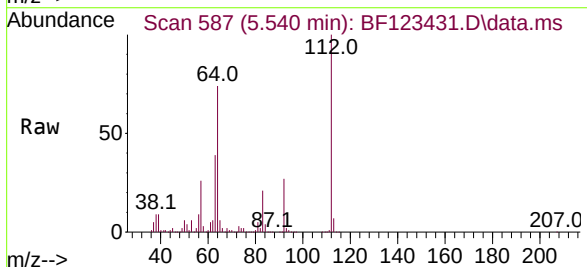
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

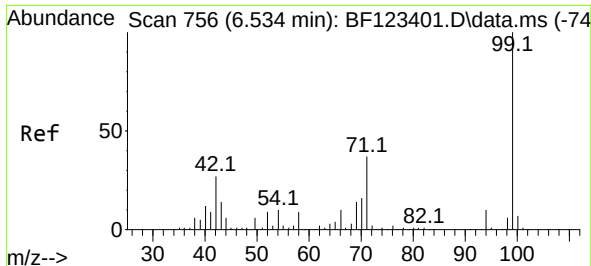
Tgt Ion:152 Resp: 274230
Ion Ratio Lower Upper
152 100
150 148.7 125.8 188.6
115 58.6 49.3 73.9



#5
2-Fluorophenol
Concen: 93.39 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:112 Resp: 1565451
Ion Ratio Lower Upper
112 100
64 73.6 46.9 70.3#
63 39.4 24.5 36.7#

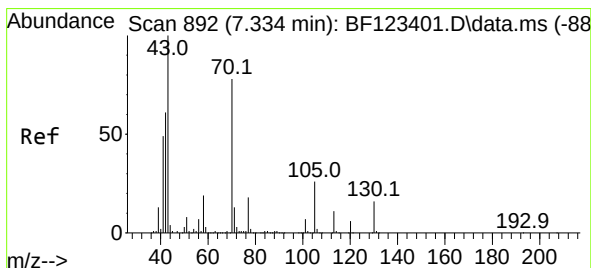
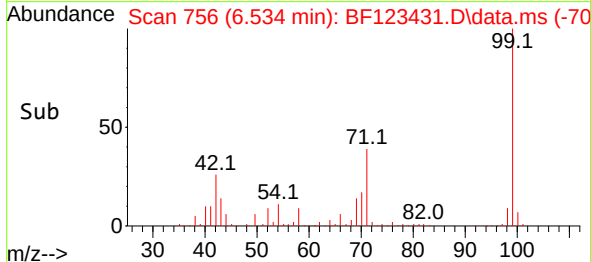
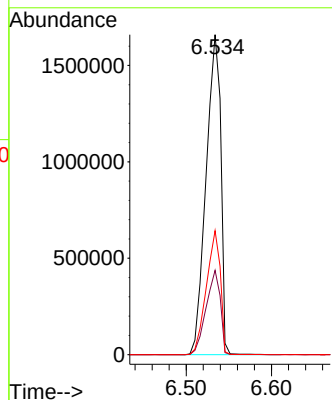
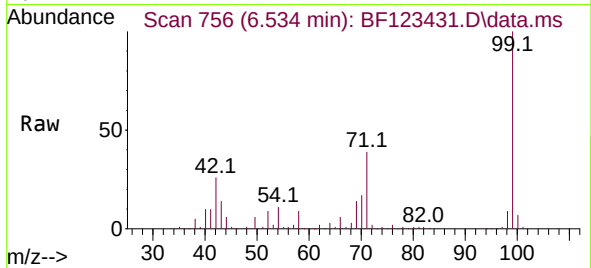




#7
Phenol-d6
Concen: 89.28 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

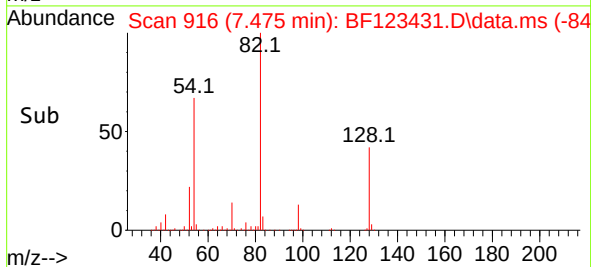
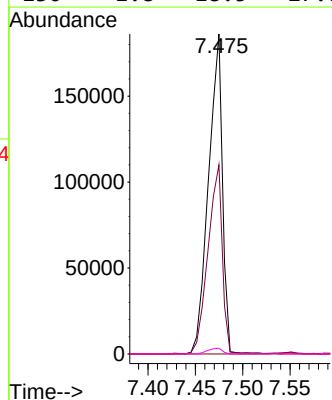
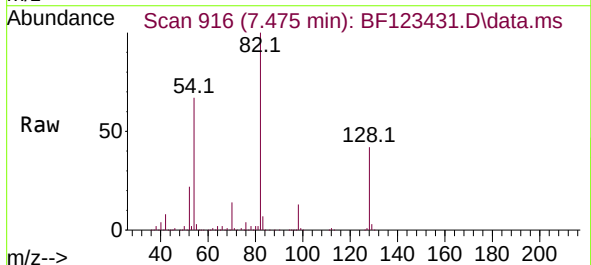
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

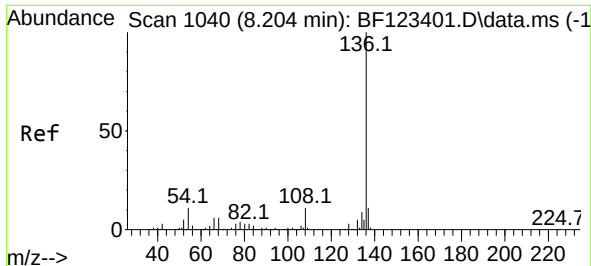
Tgt Ion: 99 Resp: 1992329
Ion Ratio Lower Upper
99 100
42 26.3 13.8 20.6#
71 38.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion: 70 Resp: 189873
Ion Ratio Lower Upper
70 100
42 59.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



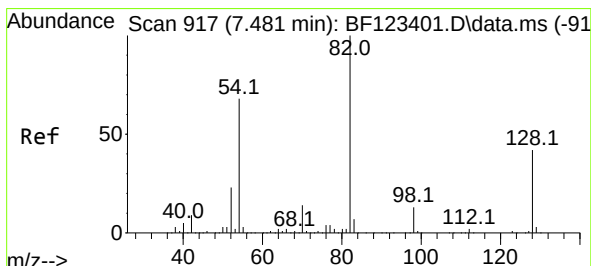
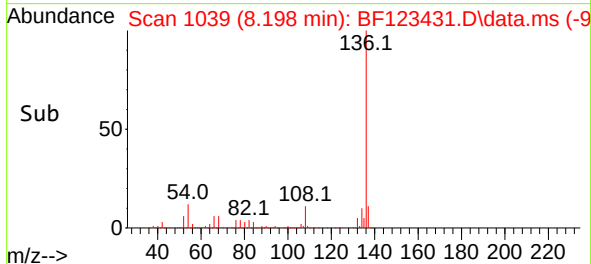
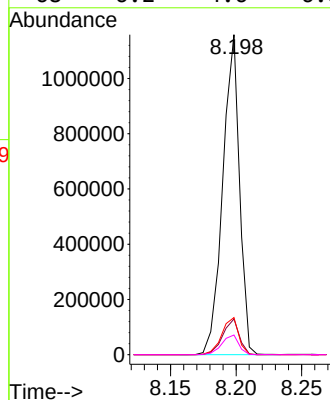
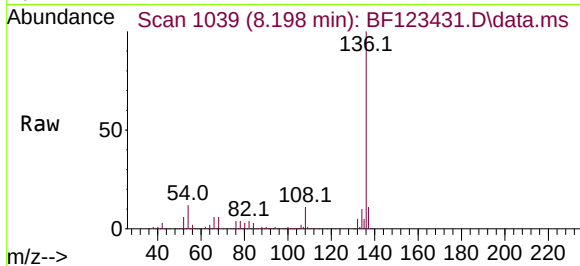


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

Tgt Ion:136 Resp: 1026743

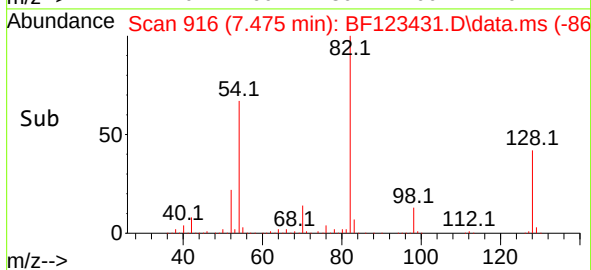
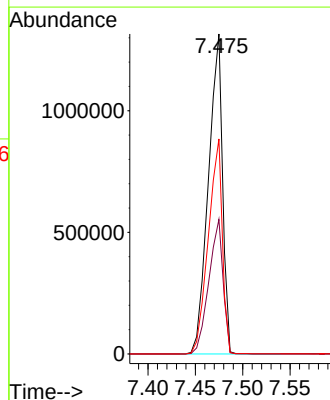
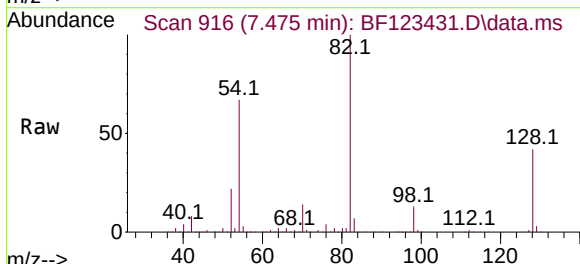
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.6	5.5	8.3#
68	6.2	4.6	6.8

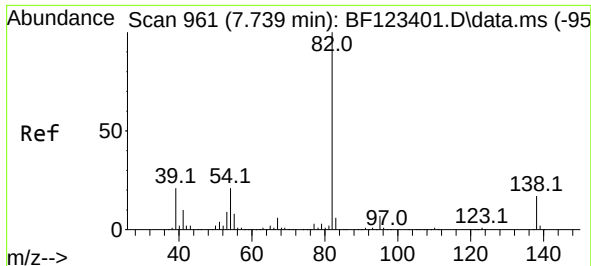


#23
Nitrobenzene-d5
Concen: 71.57 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion: 82 Resp: 1361566

Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.0	55.4
54	67.2	38.4	57.6#

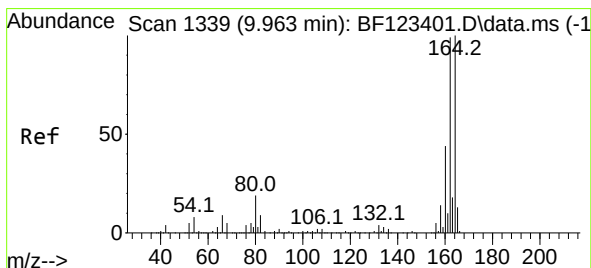
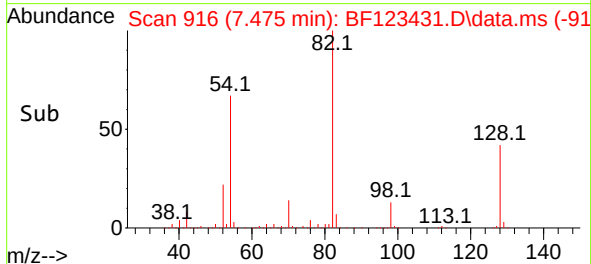
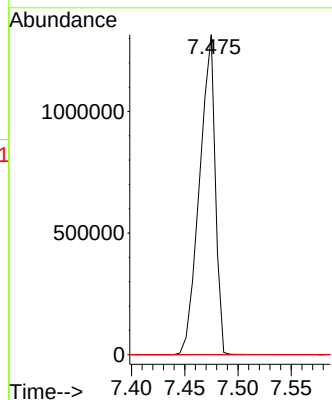
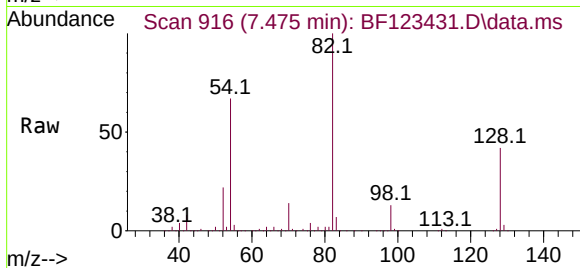




#25
Isophorone
Concen: 33.18 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

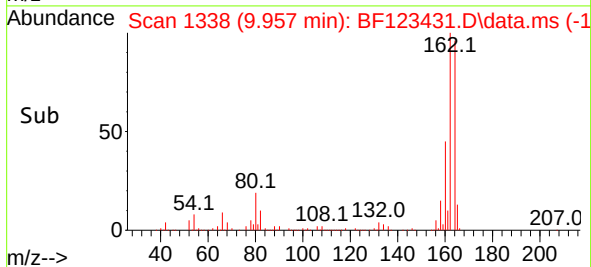
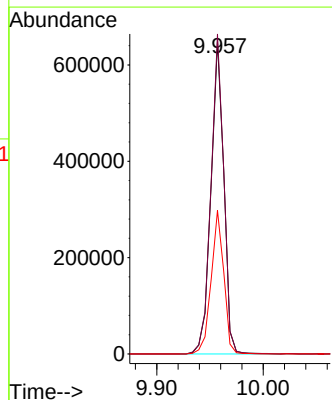
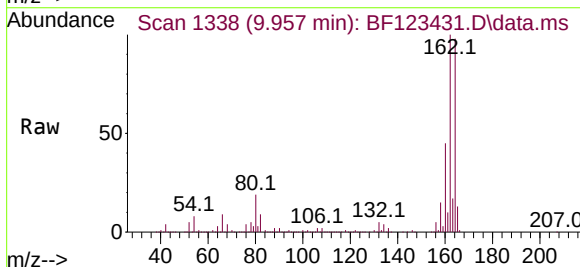
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

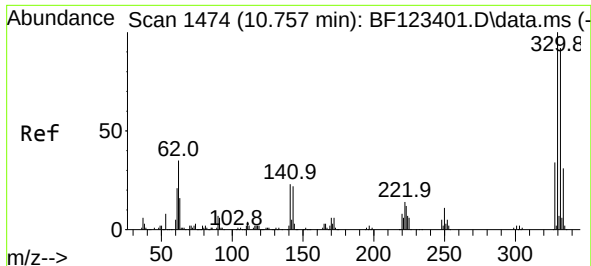
Tgt Ion: 82 Resp: 1357142
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:164 Resp: 546998
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 45.9 35.4 53.0

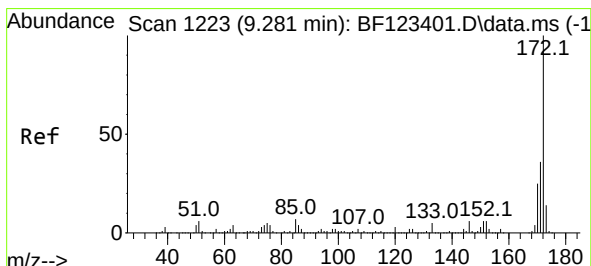
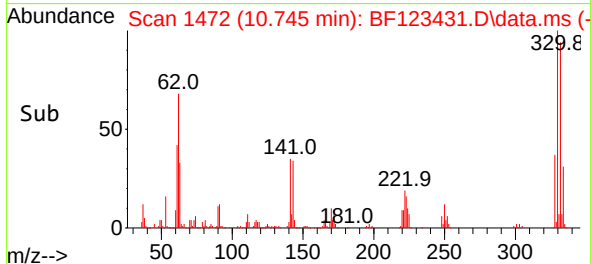
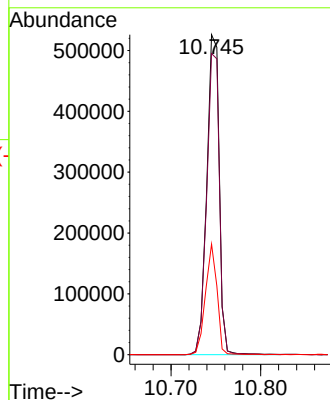
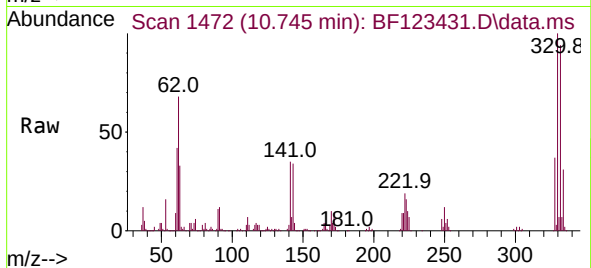




#42
2,4,6-Tribromophenol
Concen: 83.21 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

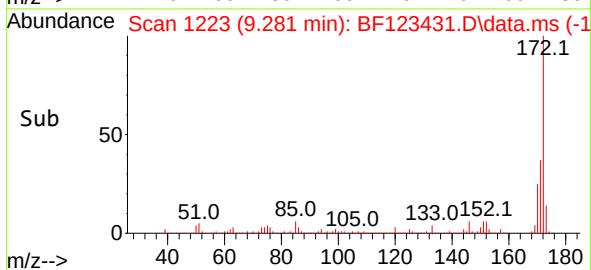
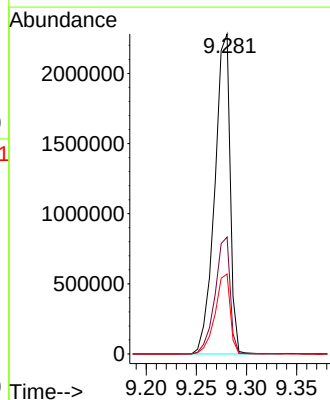
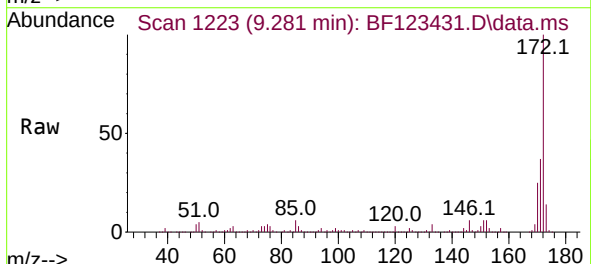
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BNA_F
ClientSampleId :
YELLOW-WALL-1

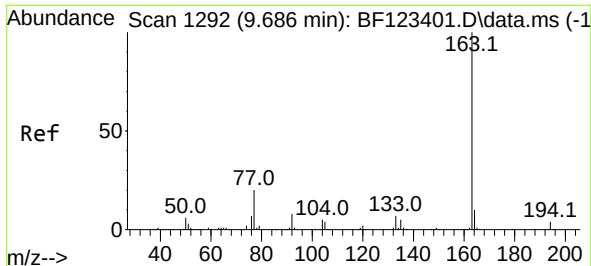
Tgt Ion: 330 Resp: 508835
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 32.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 63.68 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion: 172 Resp: 2438052
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 25.0 19.5 29.3

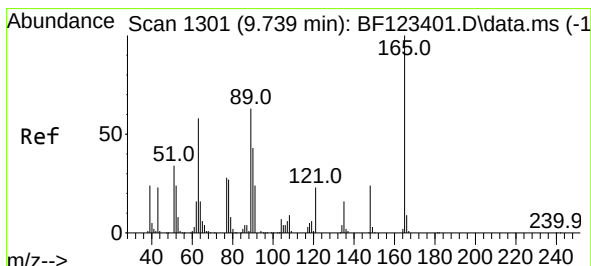
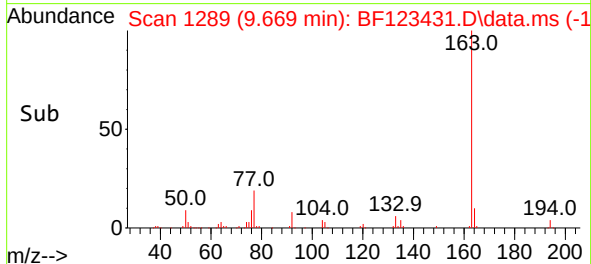
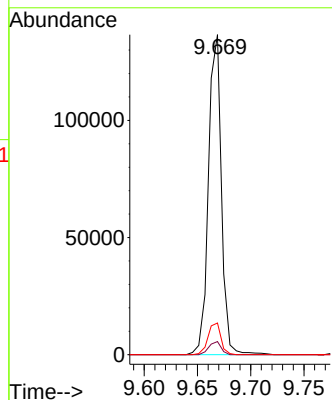
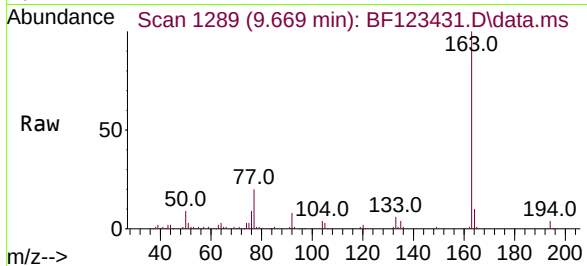




#50
Dimethylphthalate
Concen: 2.99 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

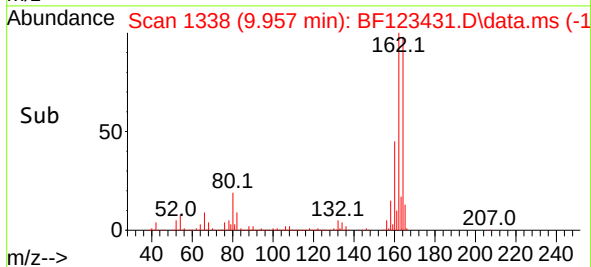
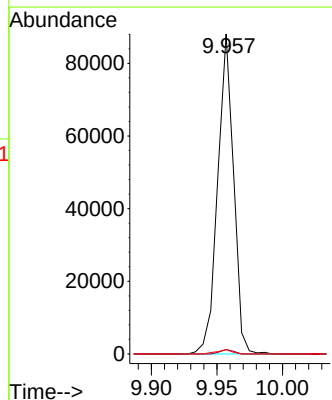
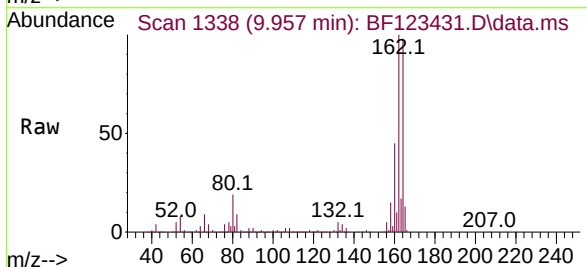
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YELLOW-WALL-1

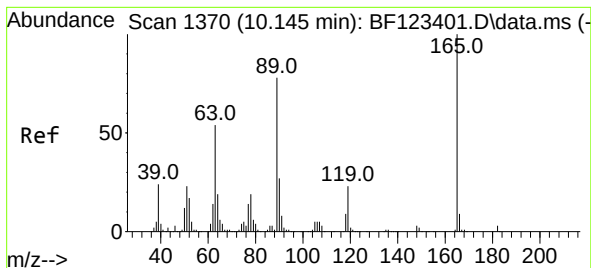
Tgt Ion:163 Resp: 116131
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 9.16 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:165 Resp: 74359
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.3 39.4 59.0#

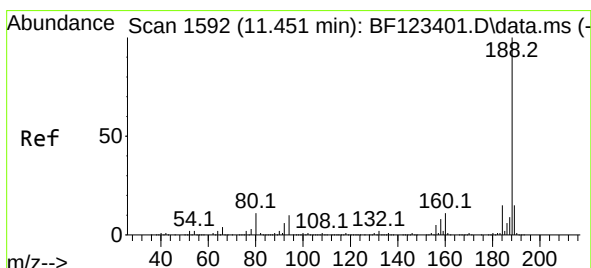
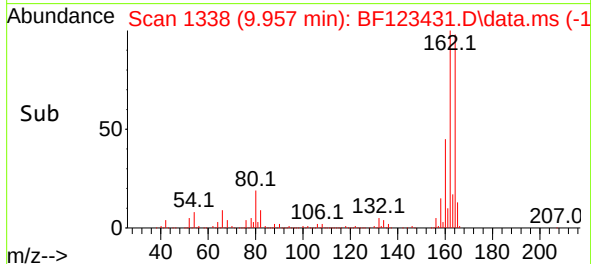
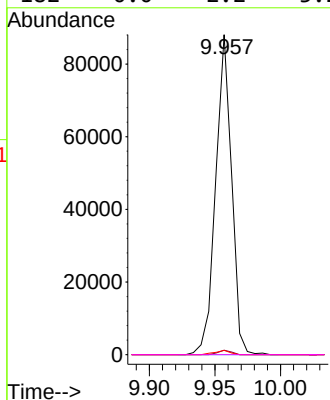
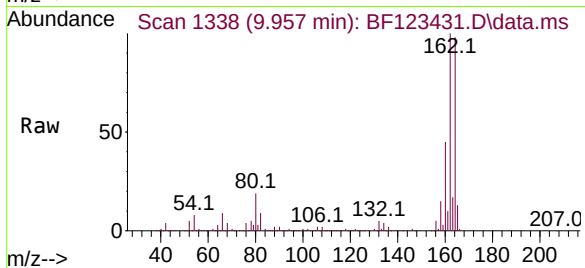




#57
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

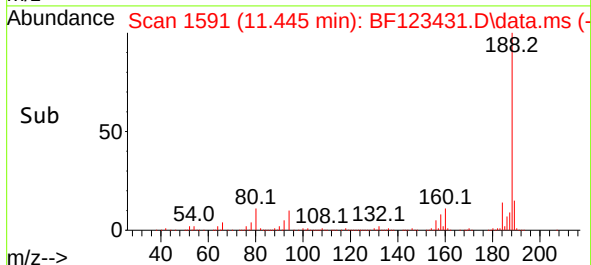
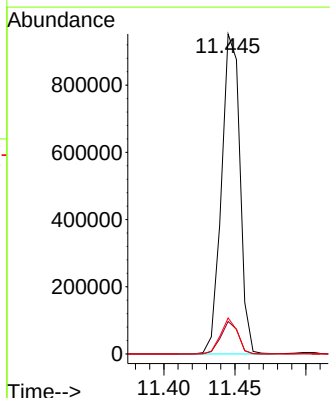
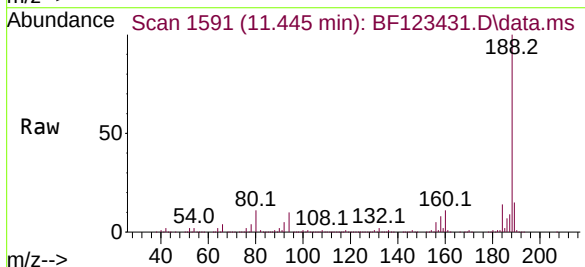
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

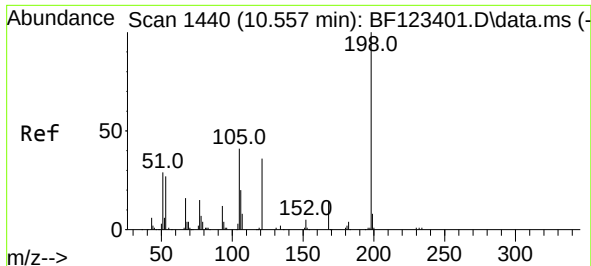
Tgt Ion:	165	Resp:	74359
Ion Ratio	Lower	Upper	
165	100		
63	1.4	34.3	51.5#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:	188	Resp:	858342
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.4	11.2
80	11.3	8.2	12.4

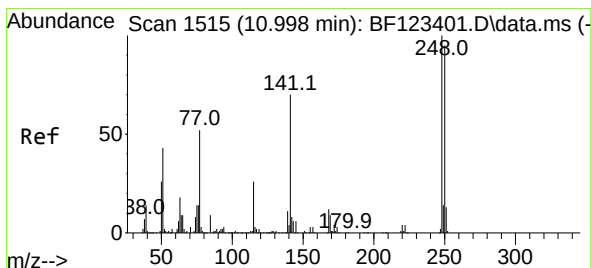
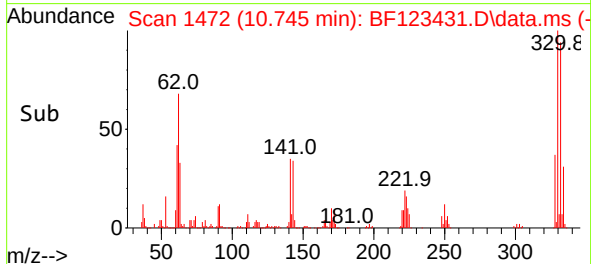
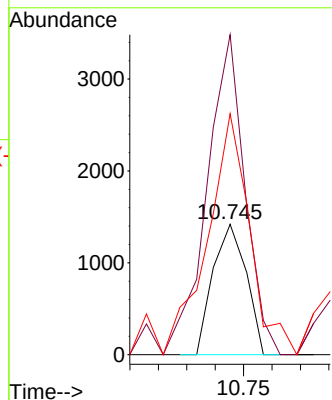
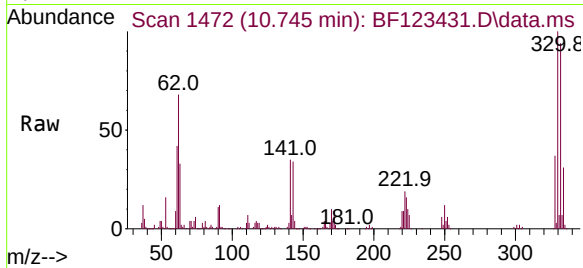




#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

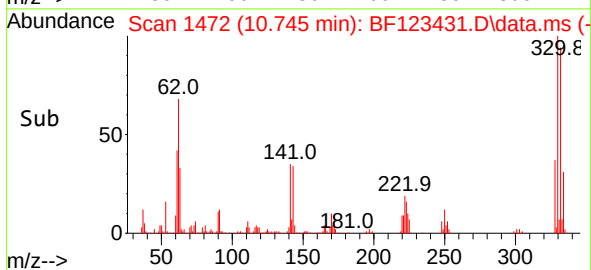
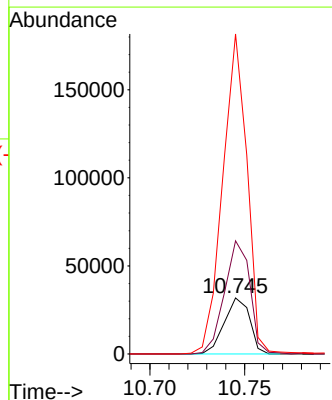
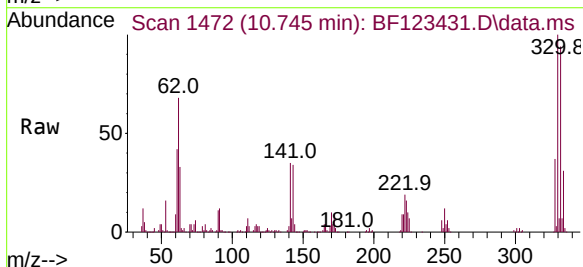
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

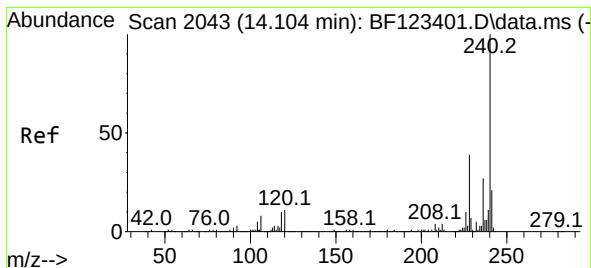
Tgt Ion:198 Resp: 1151
Ion Ratio Lower Upper
198 100
51 245.5 20.3 60.3#
105 184.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:248 Resp: 29663
Ion Ratio Lower Upper
248 100
250 202.1 76.8 115.2#
141 571.9 59.8 89.8#

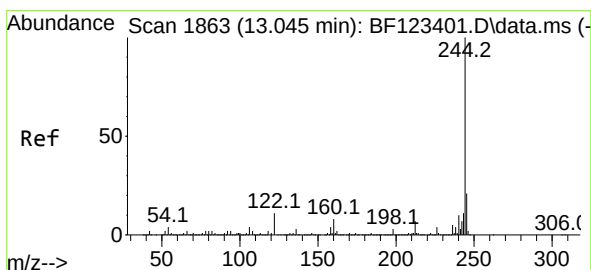
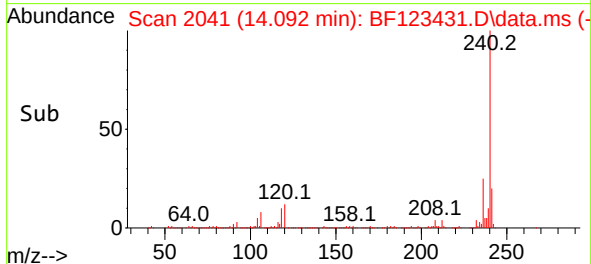
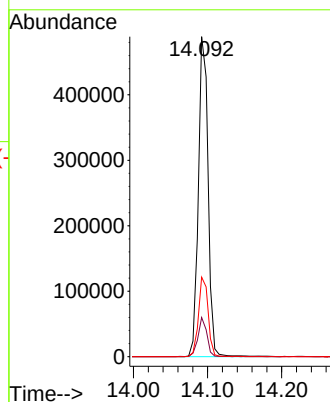
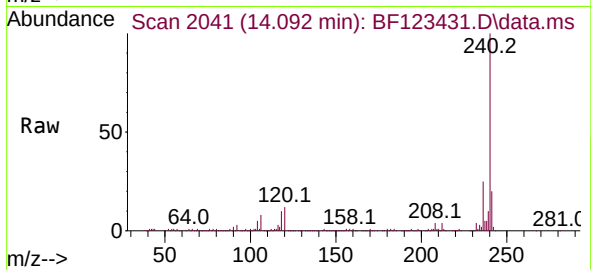




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

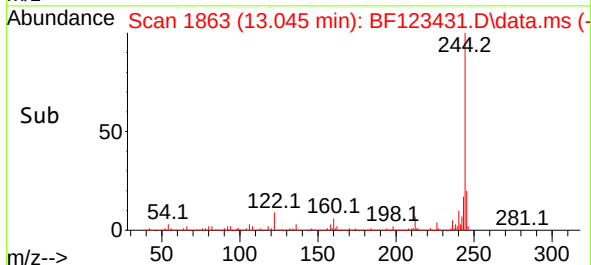
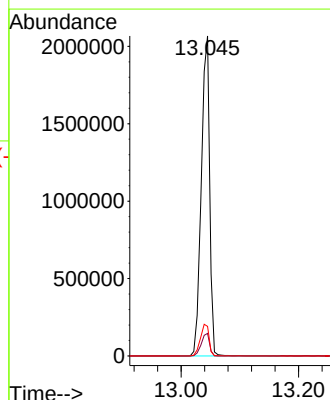
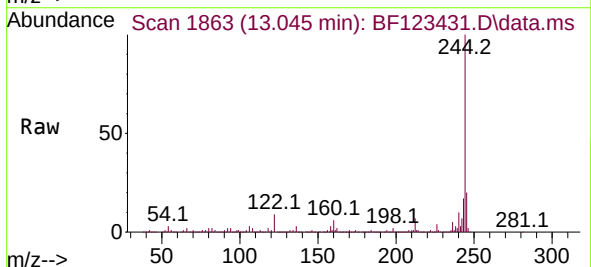
Instrument :
BNA_F
ClientSampleId :
YELLOW-WALL-1

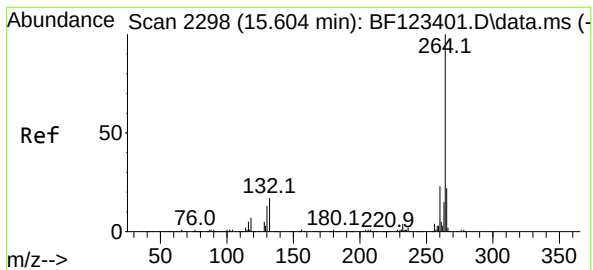
Tgt Ion:240 Resp: 443830
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 77.71 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF123431.D
Acq: 24 Mar 2021 9:39

Tgt Ion:244 Resp: 2035053
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.3 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: BF123431.D
 Acq: 24 Mar 2021 9:39

Instrument :
 BNA_F
 ClientSampleId :
 YELLOW-WALL-1

Tgt Ion:264 Resp: 452648
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.6 28.0
 265 21.0 17.0 25.6

