

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123428.D
 Acq On : 24 Mar 2021 8:03
 Operator : JU/CG
 Sample : M1712-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BRICK-2

Quant Time: Mar 24 08:49:52 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)

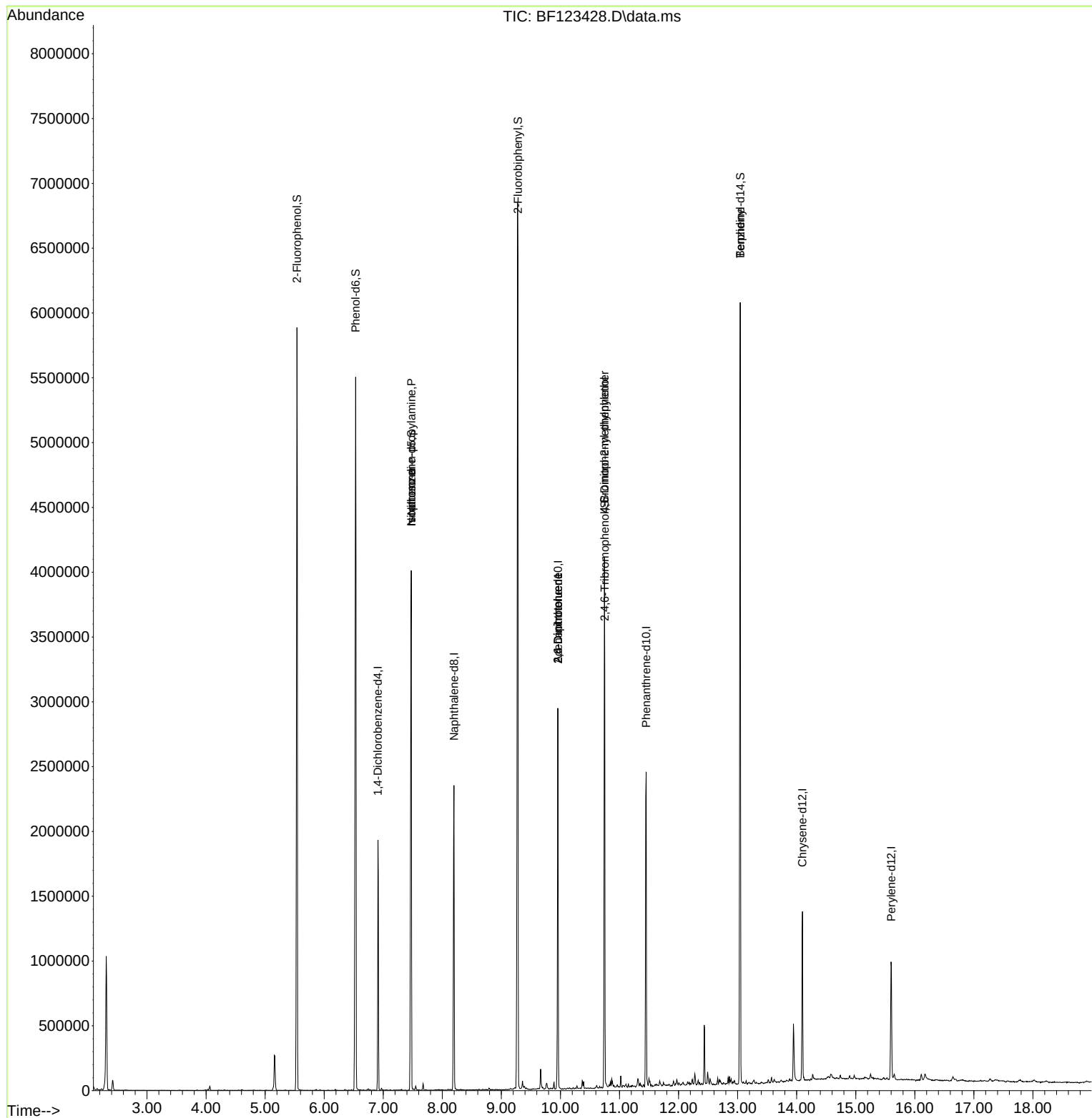
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	273550	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1048338	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	576897	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	896023	20.00	ng	0.00
76) Chrysene-d12	14.098	240	439057	20.00	ng	0.00
86) Perylene-d12	15.604	264	444191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1559170	93.25	ng	0.02
7) Phenol-d6	6.534	99	2030574	91.22	ng	0.00
23) Nitrobenzene-d5	7.475	82	1382974	71.20	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	478061	74.12	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2519159	62.38	ng	0.00
79) Terphenyl-d14	13.045	244	2063648	79.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	168	Below Cal	#	32
19) n-Nitroso-di-n-propyla...	7.475	70	190377	13.22	ng	# 82
25) Isophorone	7.475	82	1377862	32.99	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	75756	8.85	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	75757	7.09	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	1027	5.31	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	28457	2.68	ng	# 1
77) Benzidine	13.045	184	27213	2.08	ng	# 95

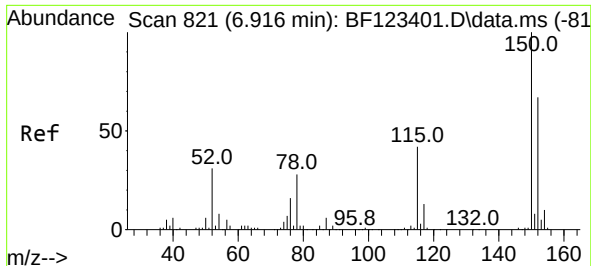
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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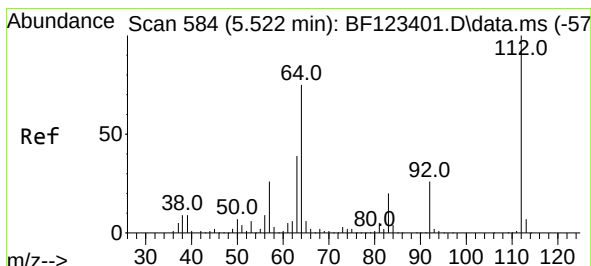
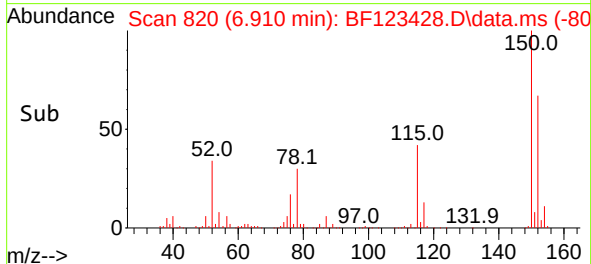
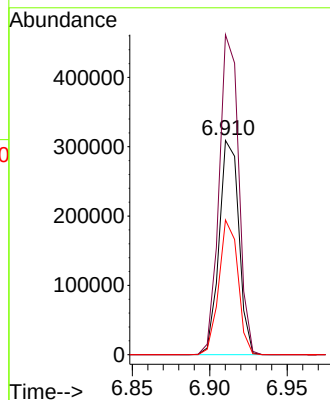
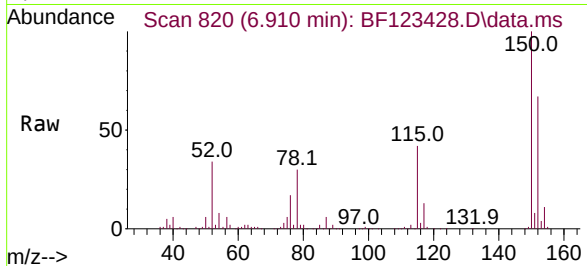




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

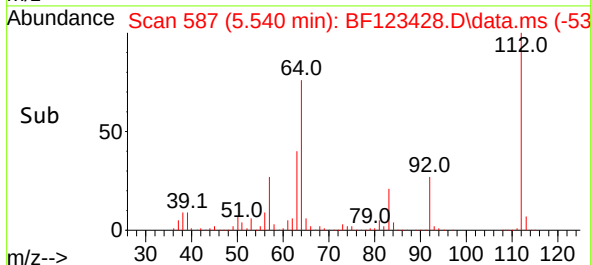
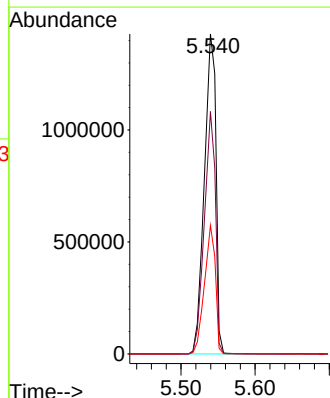
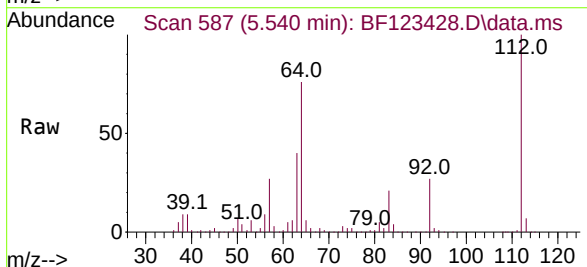
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

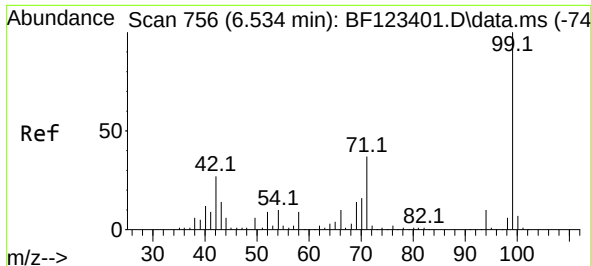
Tgt Ion:152 Resp: 273550
Ion Ratio Lower Upper
152 100
150 149.4 125.8 188.6
115 62.9 49.3 73.9



#5
2-Fluorophenol
Concen: 93.25 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:112 Resp: 1559170
Ion Ratio Lower Upper
112 100
64 75.7 46.9 70.3#
63 40.2 24.5 36.7#

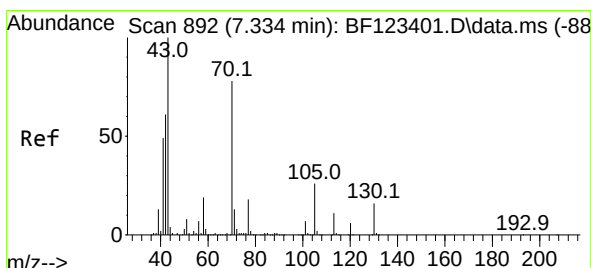
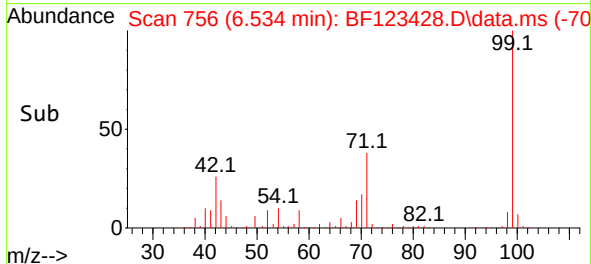
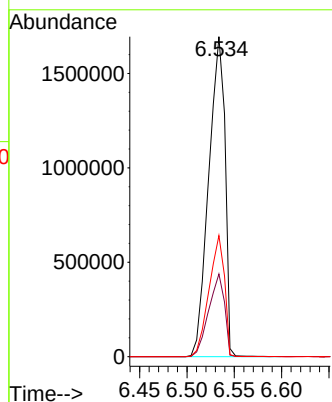
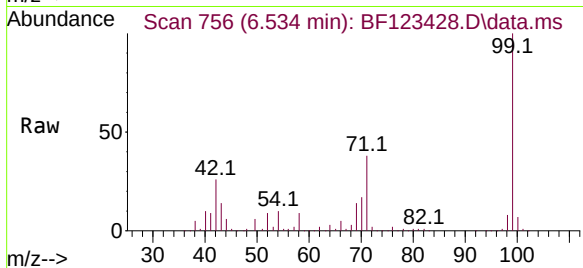




#7
Phenol-d6
Concen: 91.22 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

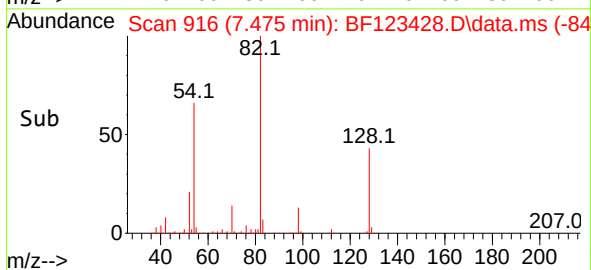
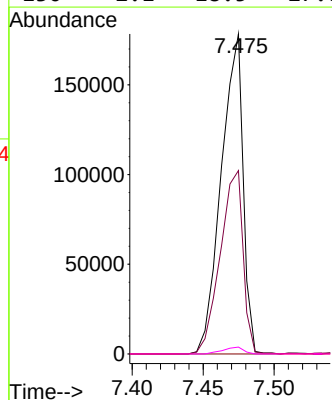
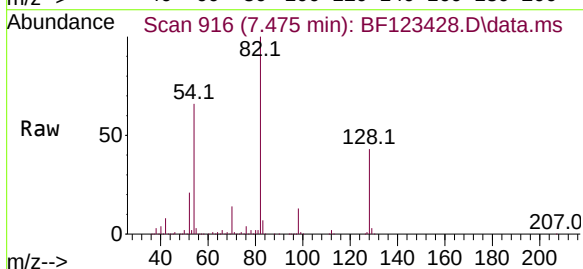
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

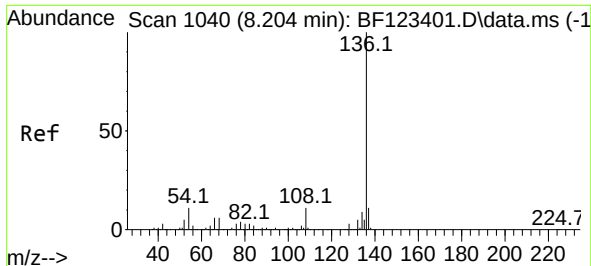
Tgt Ion: 99 Resp: 2030574
Ion Ratio Lower Upper
99 100
42 25.8 13.8 20.6#
71 37.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion: 70 Resp: 190377
Ion Ratio Lower Upper
70 100
42 57.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



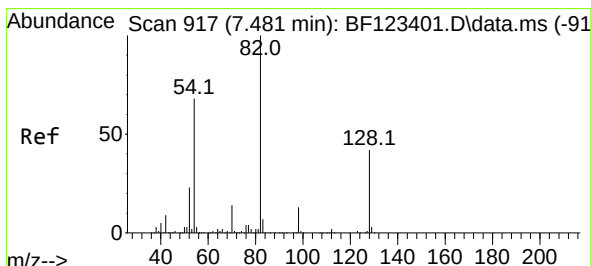
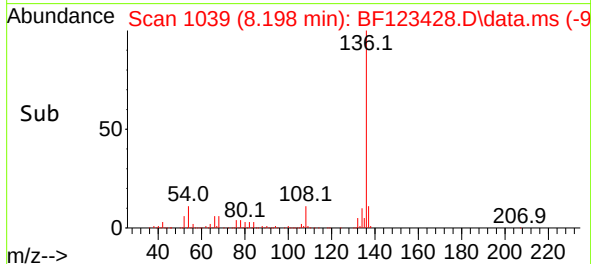
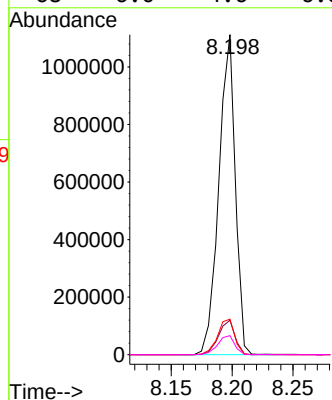
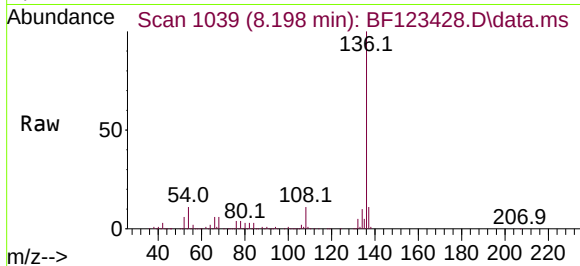


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

Tgt Ion:136 Resp: 1048338

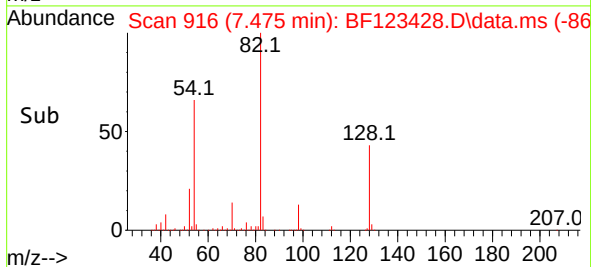
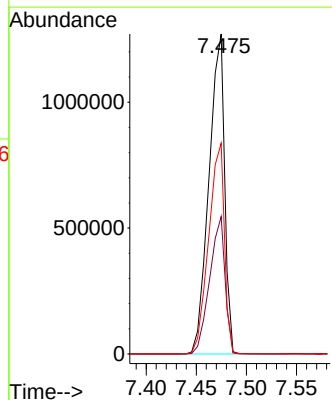
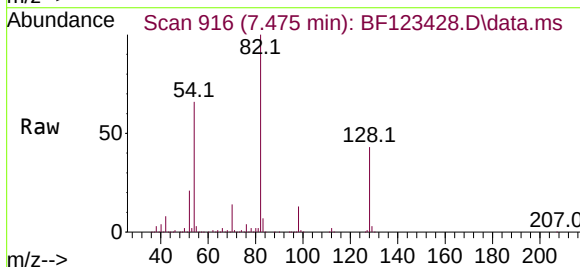
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.1	5.5	8.3#
68	6.0	4.6	6.8

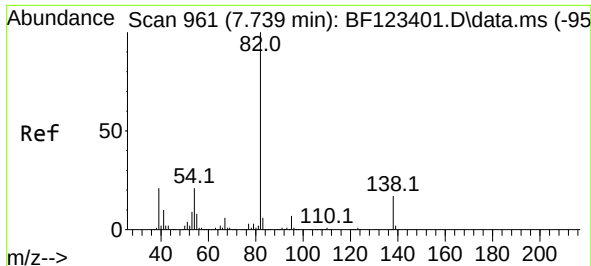


#23
Nitrobenzene-d5
Concen: 71.20 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion: 82 Resp: 1382974

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.0	55.4
54	65.9	38.4	57.6#

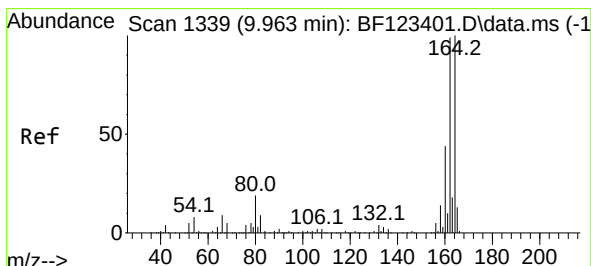
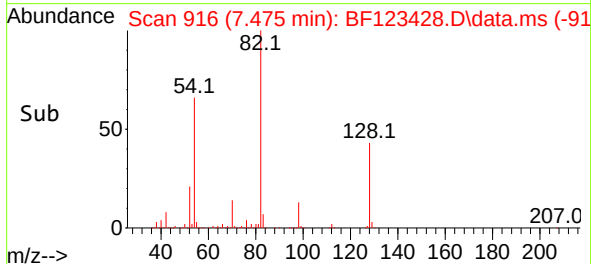
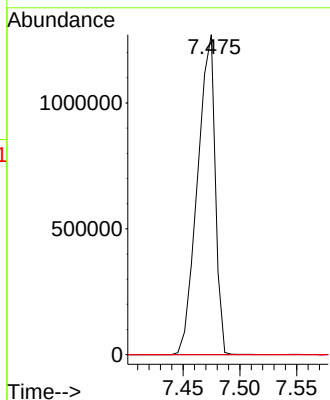
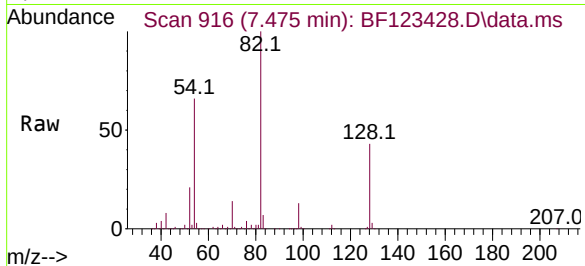




#25
Isophorone
Concen: 32.99 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

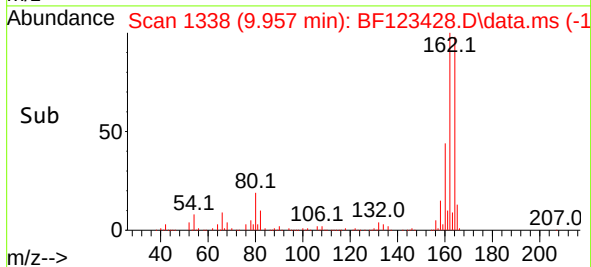
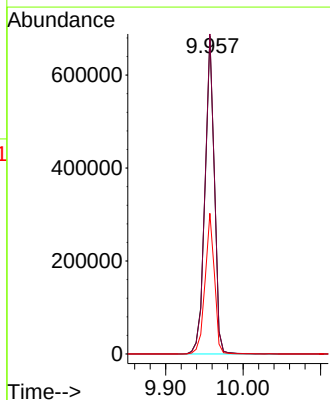
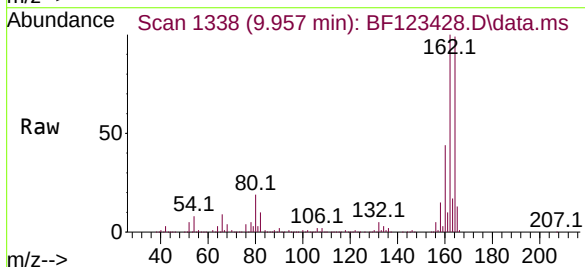
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

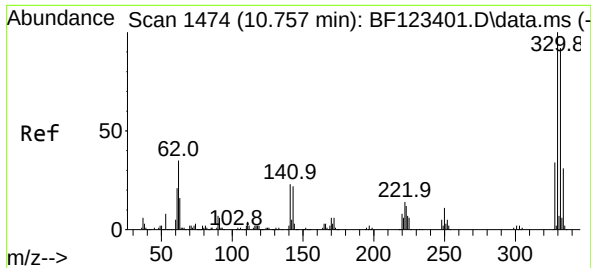
Tgt Ion: 82 Resp: 1377862
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:164 Resp: 576897
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 44.3 35.4 53.0

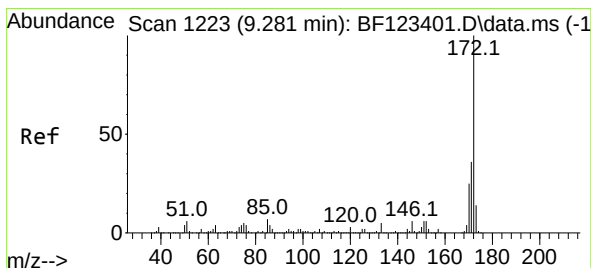
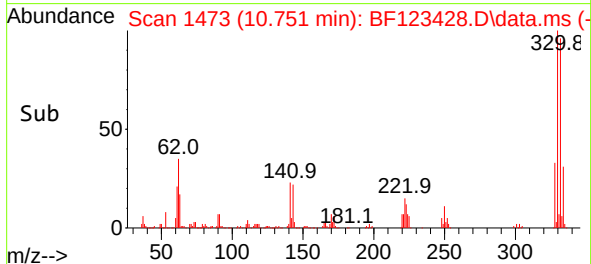
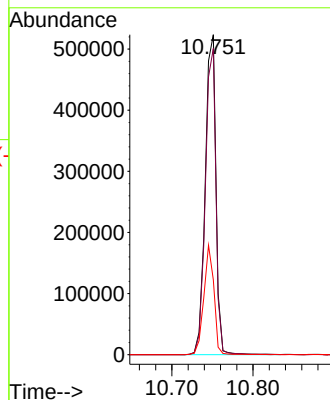
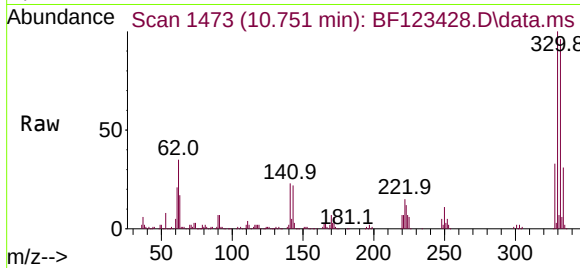




#42
2,4,6-Tribromophenol
Concen: 74.12 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

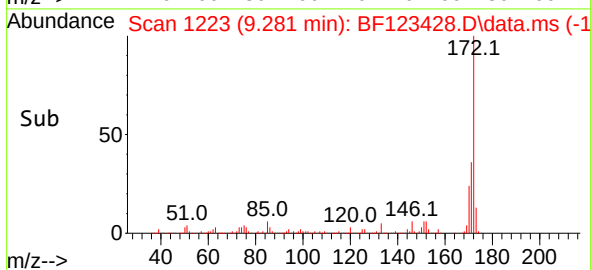
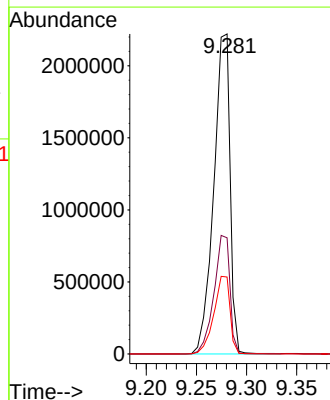
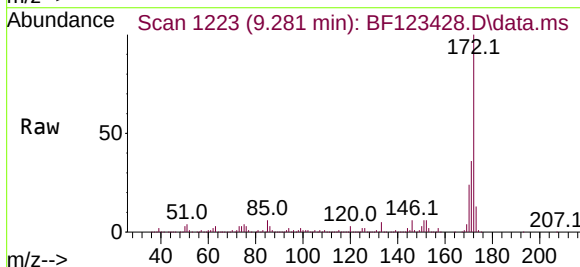
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

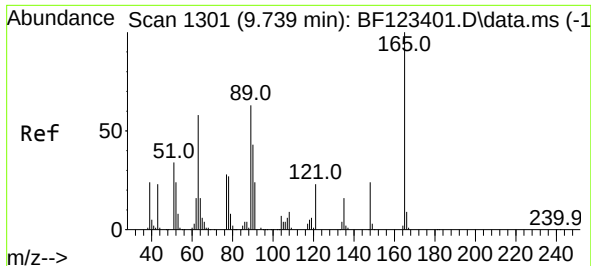
Tgt Ion: 330 Resp: 478061
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 32.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.38 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion: 172 Resp: 2519159
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.5 29.3

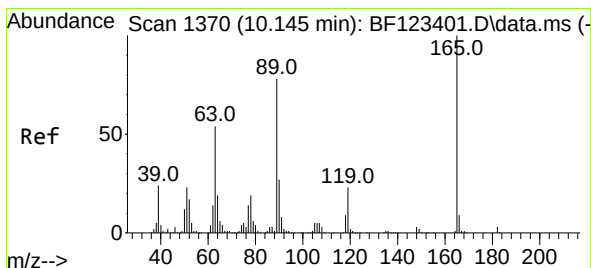
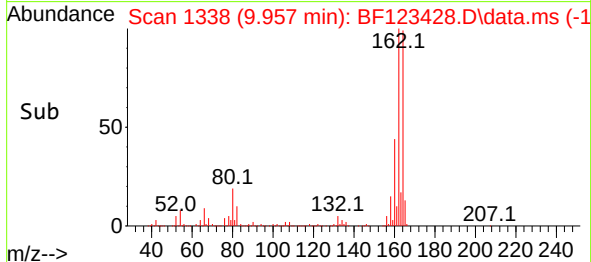
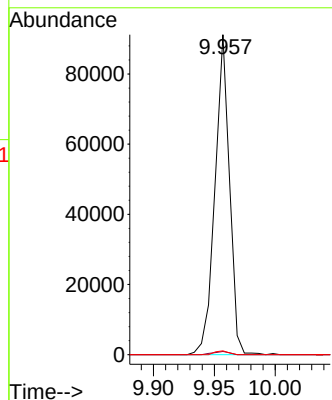
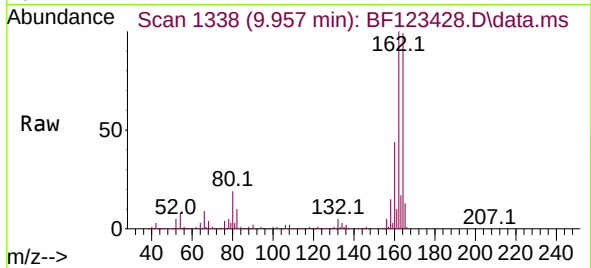




#51
2,6-Dinitrotoluene
Concen: 8.85 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

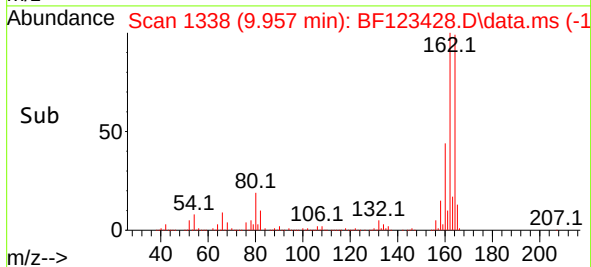
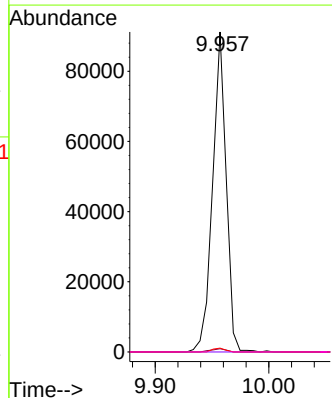
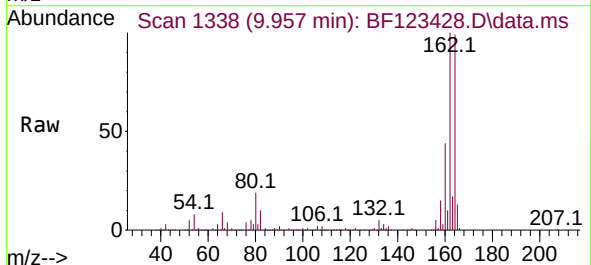
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

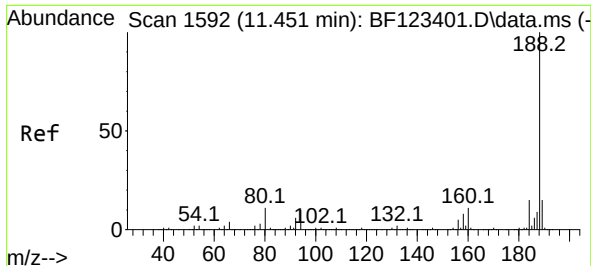
Tgt Ion:165 Resp: 75756
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:165 Resp: 75757
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

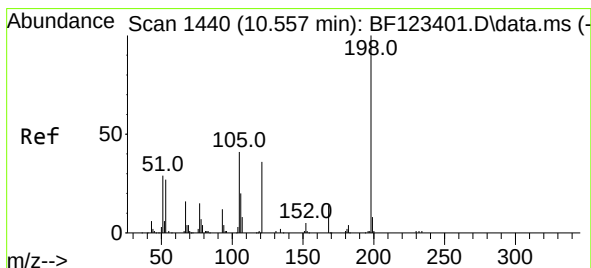
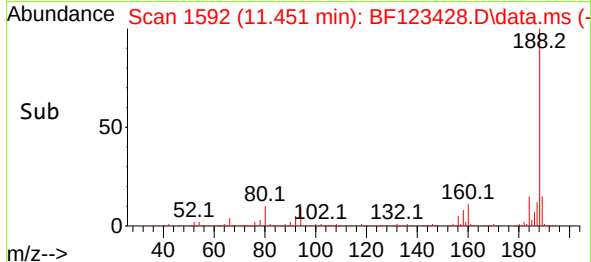
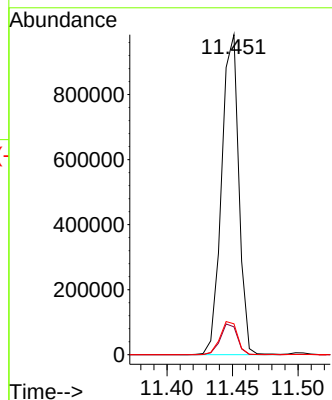
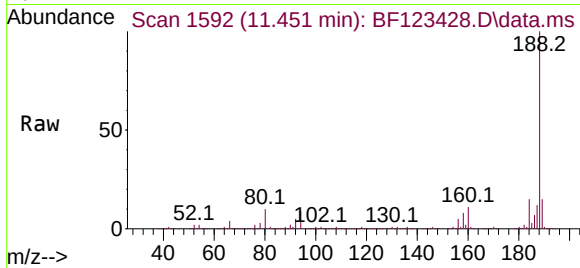




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

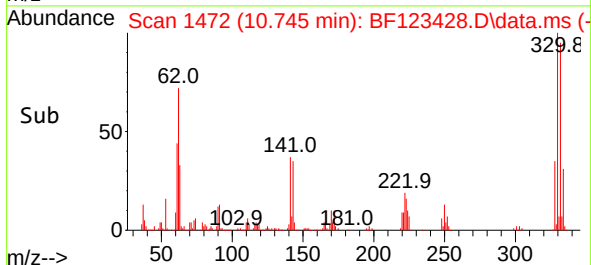
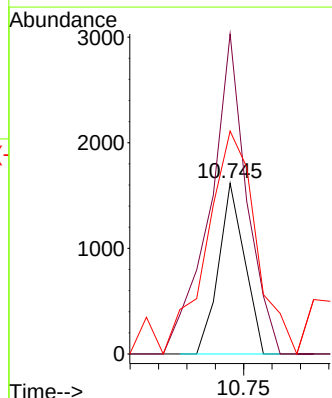
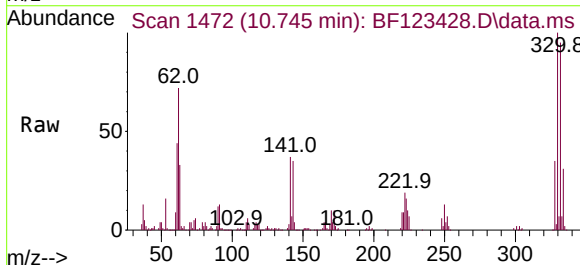
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

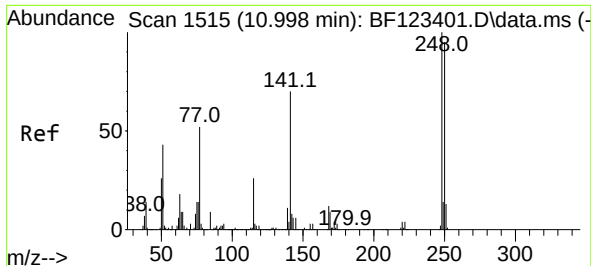
Tgt Ion:188 Resp: 896023
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.31 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:198 Resp: 1027
Ion Ratio Lower Upper
198 100
51 187.4 20.3 60.3#
105 130.6 23.0 63.0#

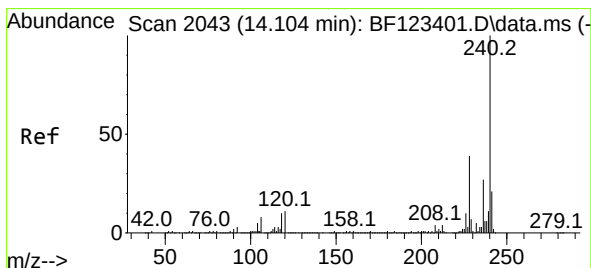
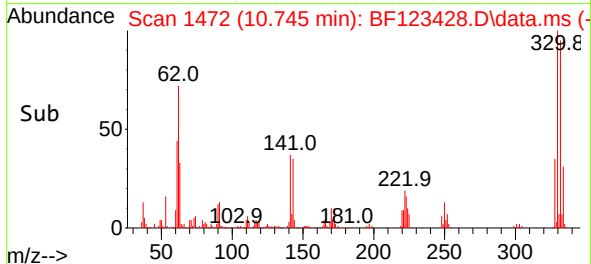
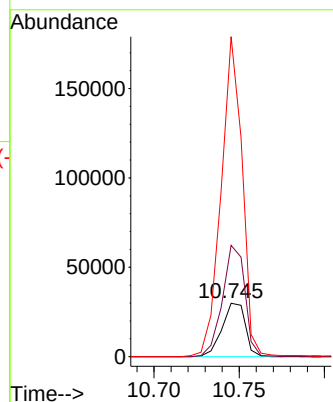
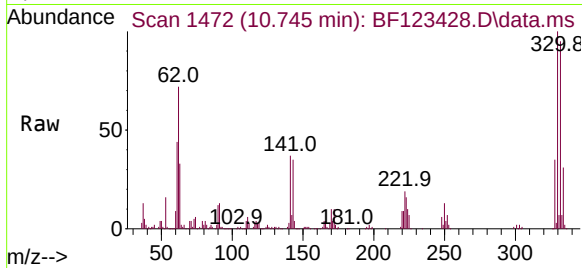




#67
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

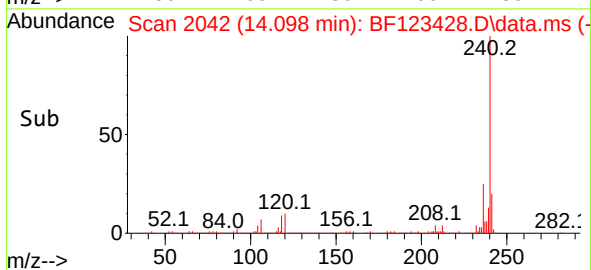
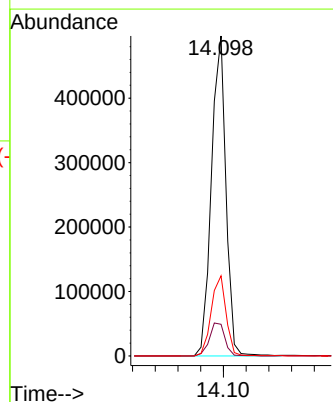
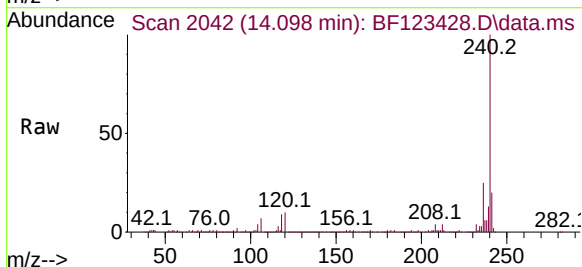
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

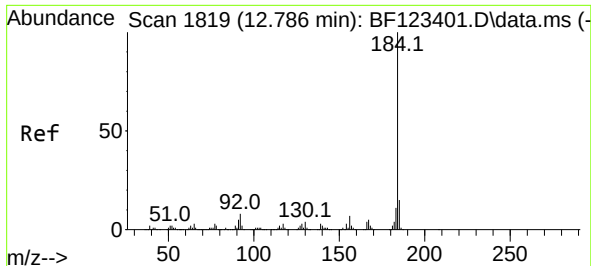
Tgt Ion:248 Resp: 28457
Ion Ratio Lower Upper
248 100
250 208.5 76.8 115.2#
141 598.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:240 Resp: 439057
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.1 20.3 30.5

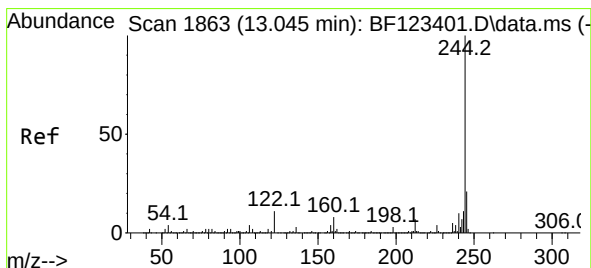
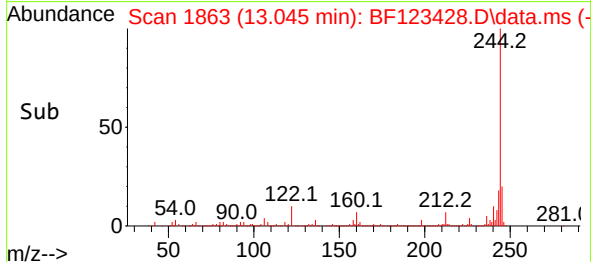
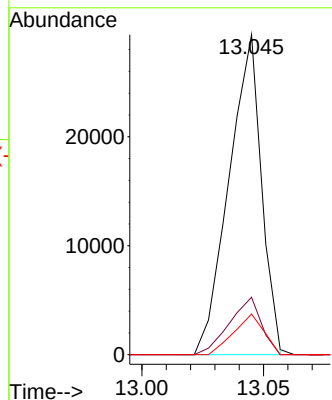
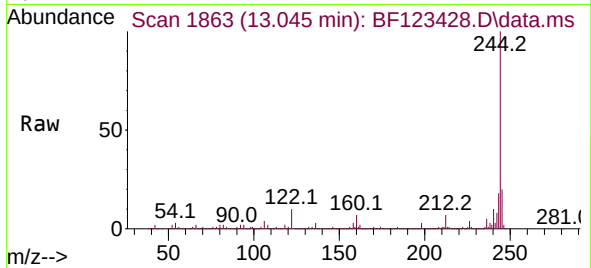




#77
Benzidine
Concen: 2.08 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

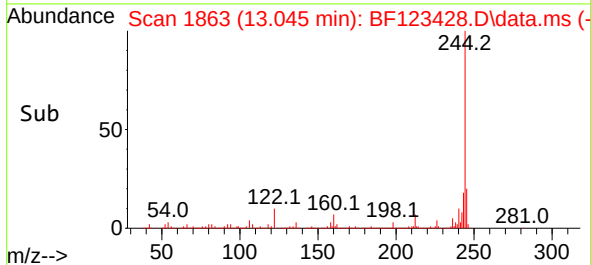
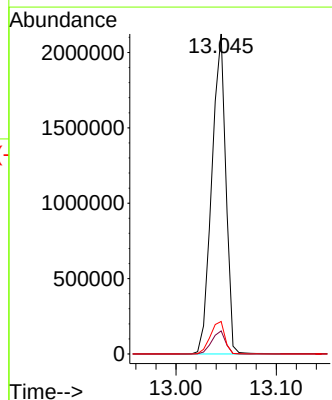
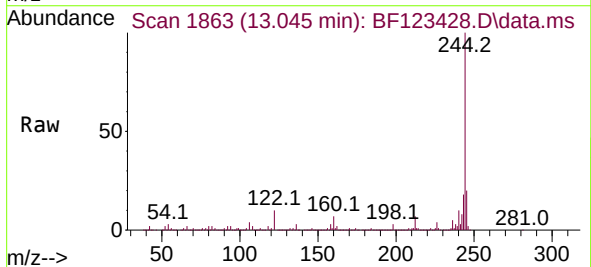
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-2

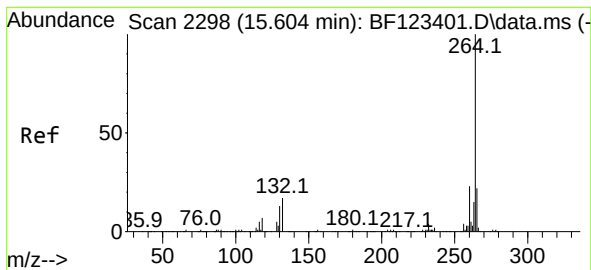
Tgt Ion:184 Resp: 27213
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 12.7 9.7 14.5



#79
Terphenyl-d14
Concen: 79.66 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF123428.D
Acq: 24 Mar 2021 8:03

Tgt Ion:244 Resp: 2063648
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 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: BF123428.D
 Acq: 24 Mar 2021 8:03

Instrument :
 BNA_F
 ClientSampleId :
 RED-BRICK-2

Tgt Ion:	264	Resp:	444191
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.6	28.0
265	20.9	17.0	25.6

