

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123504.D
 Acq On : 29 Mar 2021 19:48
 Operator : JU/CG
 Sample : M1791-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-1

Quant Time: Mar 30 00:33:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

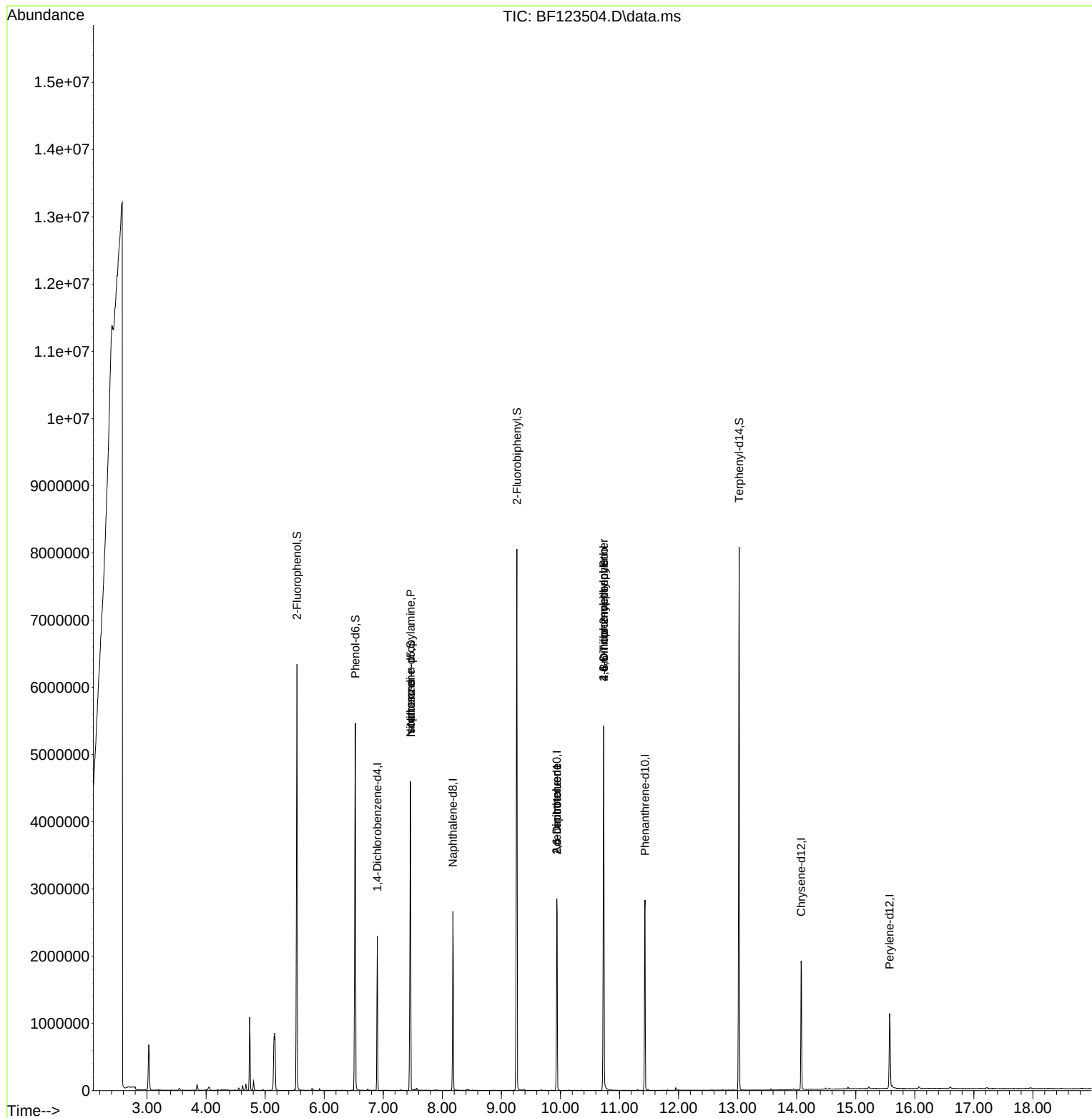
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	301637	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	1112902	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	635758	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1069196	20.00	ng	0.00
76) Chrysene-d12	14.074	240	681178	20.00	ng	-0.01
86) Perylene-d12	15.574	264	562528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1644076	89.17	ng	0.02
7) Phenol-d6	6.528	99	1892573	77.11	ng	0.00
23) Nitrobenzene-d5	7.463	82	1530239	74.21	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	709280	99.79	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2660544	59.79	ng	0.00
79) Terphenyl-d14	13.027	244	2788942	69.39	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	264	Below Cal	#	24
19) n-Nitroso-di-n-propyla...	7.463	70	210826	13.28	ng	# 82
25) Isophorone	7.463	82	1527906	34.46	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	83546	8.86	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	83546	7.10	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1522	5.36	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	43145	3.41	ng	# 1

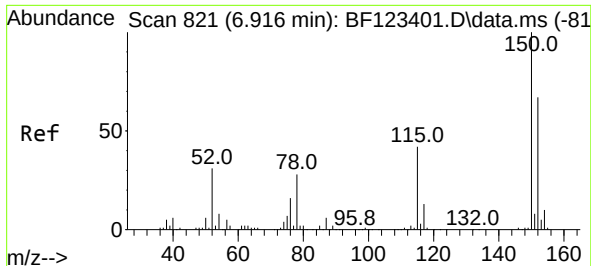
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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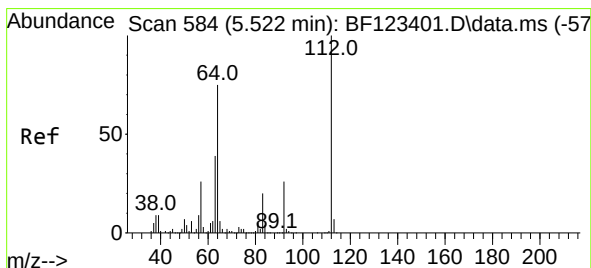
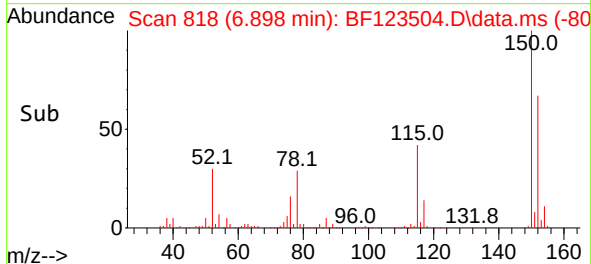
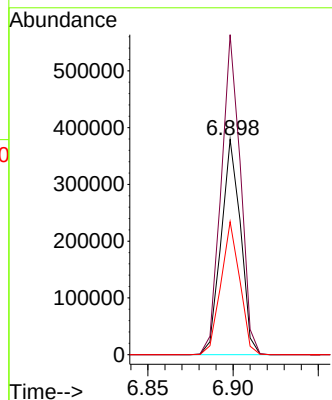
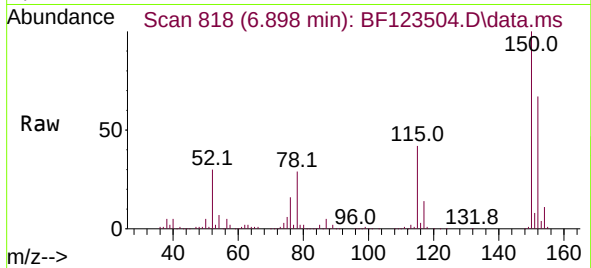




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

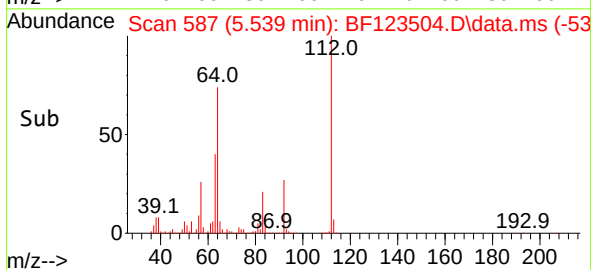
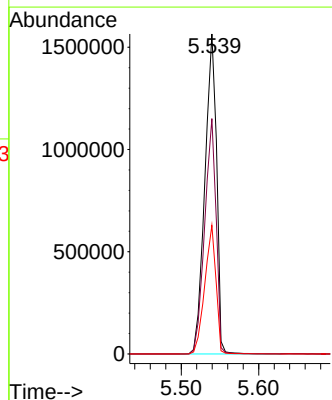
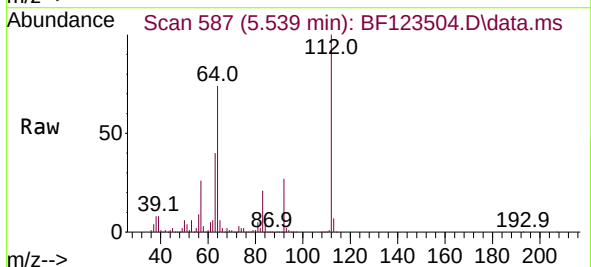
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

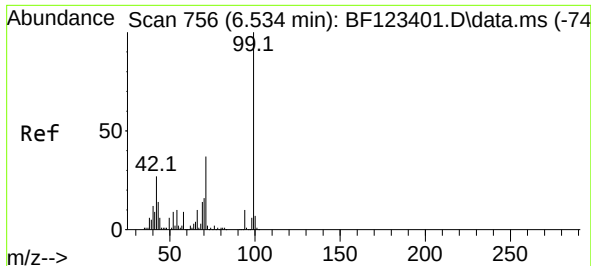
Tgt Ion:152 Resp: 301637
Ion Ratio Lower Upper
152 100
150 148.6 125.8 188.6
115 61.7 49.3 73.9



#5
2-Fluorophenol
Concen: 89.17 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.024 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Tgt Ion:112 Resp: 1644076
Ion Ratio Lower Upper
112 100
64 73.6 46.9 70.3#
63 40.2 24.5 36.7#

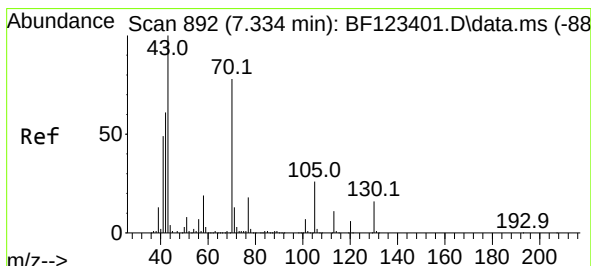
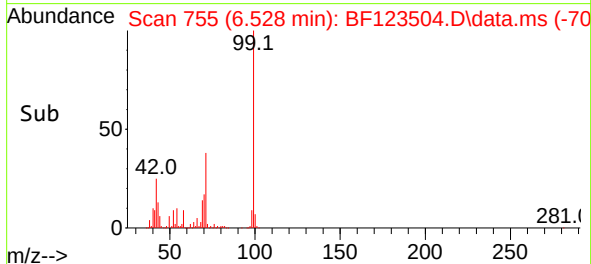
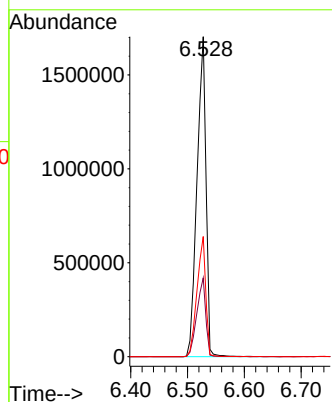
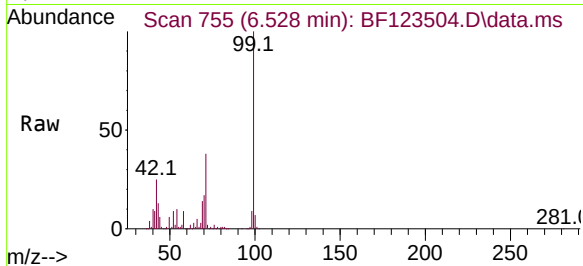




#7
Phenol-d6
Concen: 77.11 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

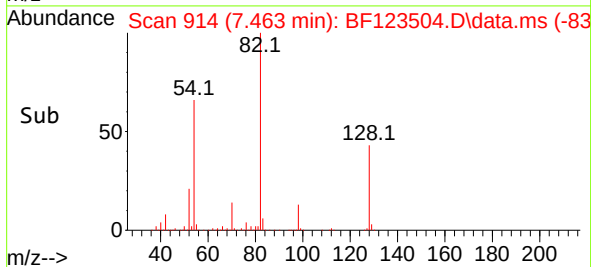
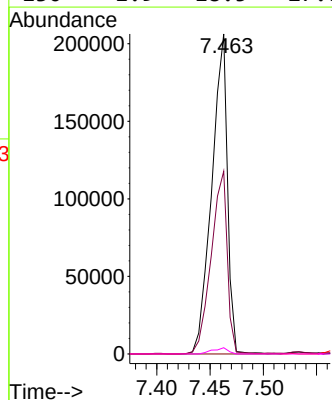
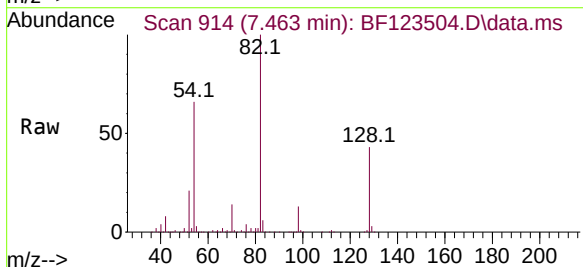
Instrument :
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ClientSampleId :
EXTERIOR-SLAB-BRICK-1

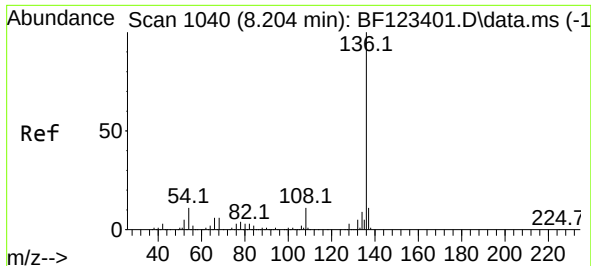
Tgt Ion: 99 Resp: 1892573
Ion Ratio Lower Upper
99 100
42 24.6 13.8 20.6#
71 37.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

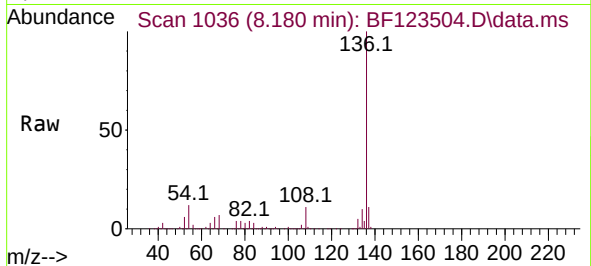
Tgt Ion: 70 Resp: 210826
Ion Ratio Lower Upper
70 100
42 57.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#





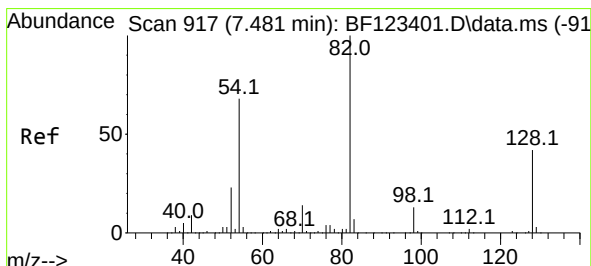
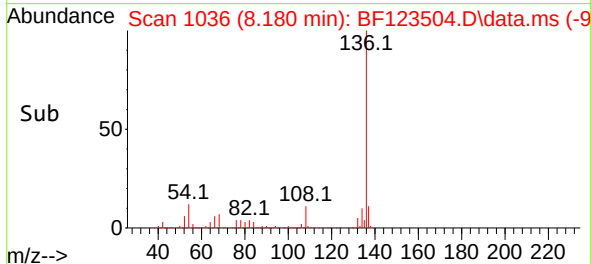
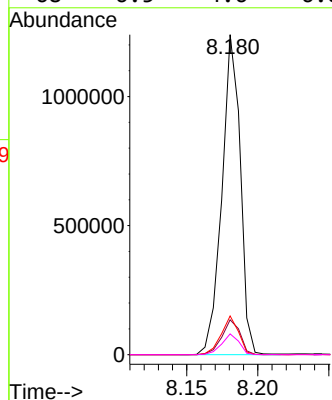
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-SLAB-BRICK-1



Tgt Ion:136 Resp: 1112902

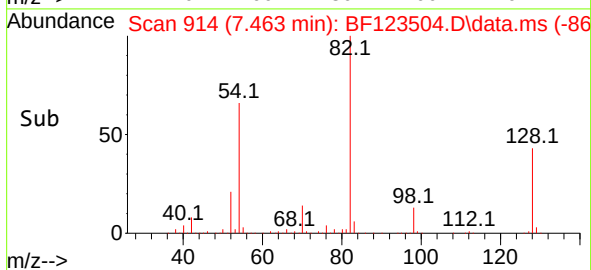
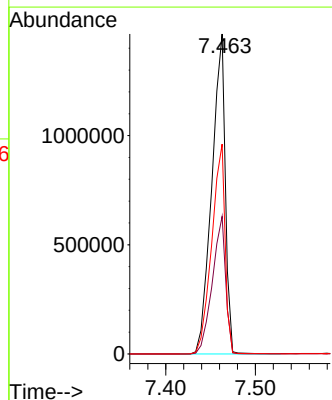
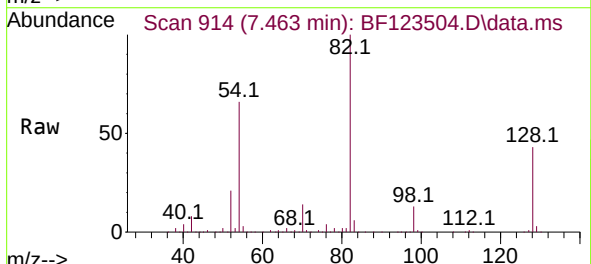
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	12.1	5.5	8.3#
68	6.5	4.6	6.8

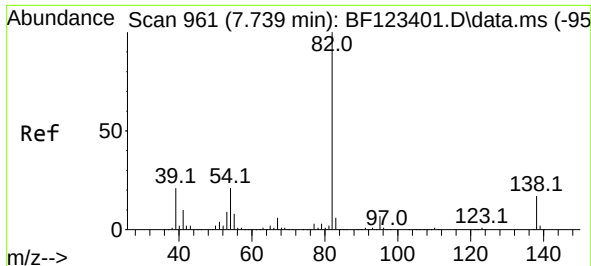


#23
Nitrobenzene-d5
Concen: 74.21 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Tgt Ion: 82 Resp: 1530239

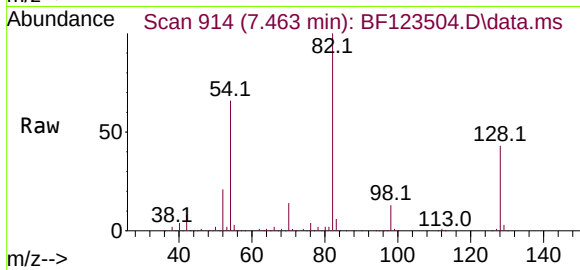
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.4
54	65.6	38.4	57.6#



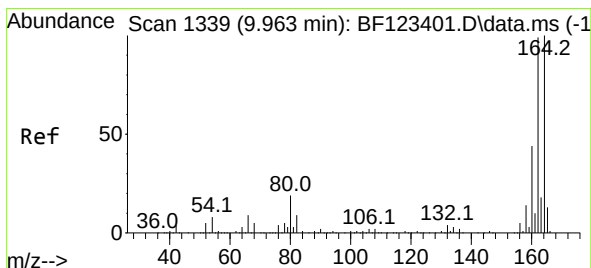
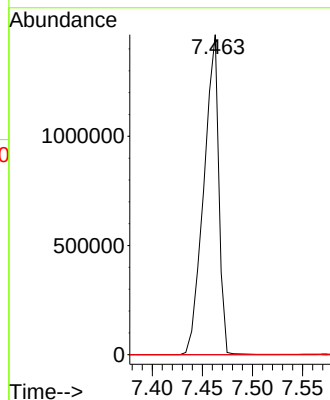
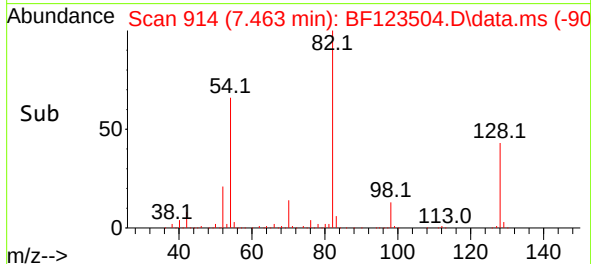


#25
Isophorone
Concen: 34.46 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

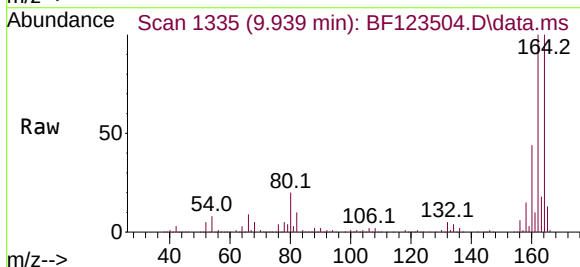
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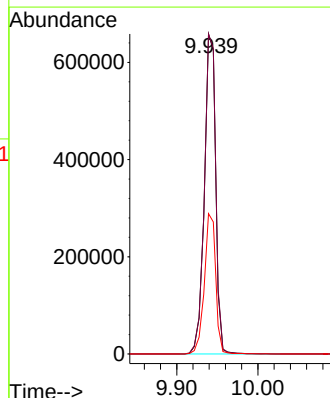
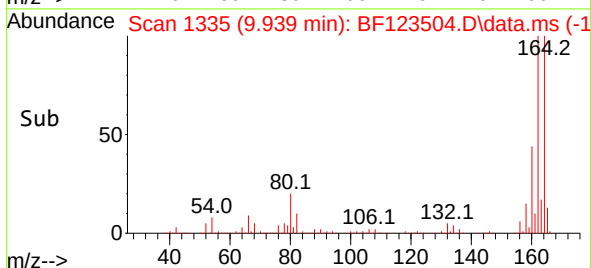
Tgt Ion: 82 Resp: 1527906
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

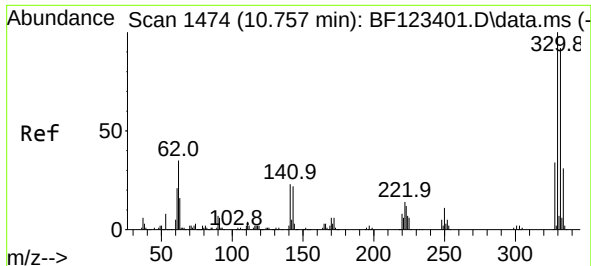


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48



Tgt Ion: 164 Resp: 635758
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 43.9 35.4 53.0

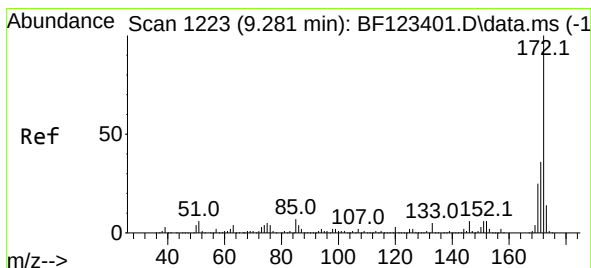
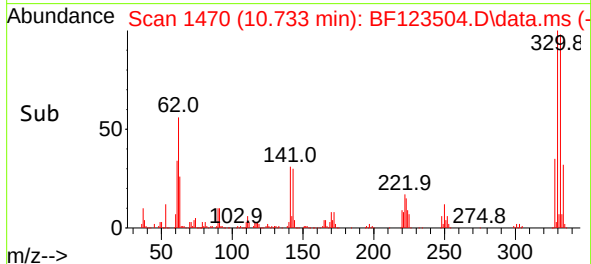
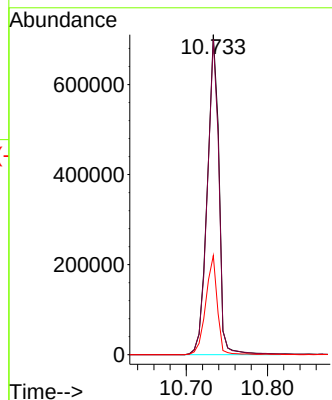
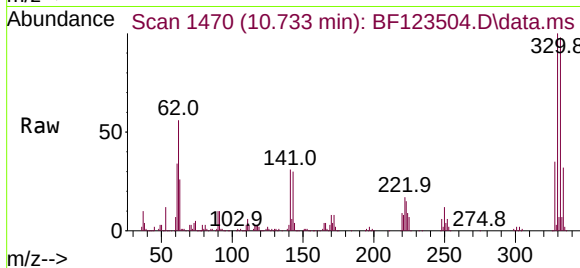




#42
2,4,6-Tribromophenol
Concen: 99.79 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

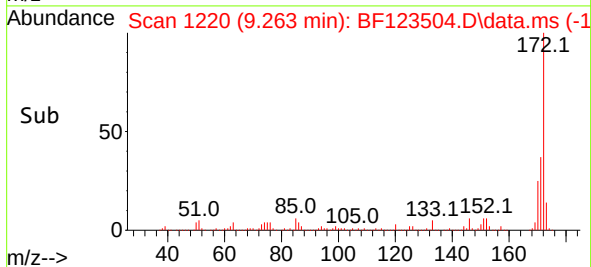
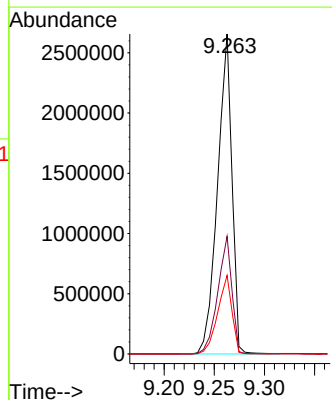
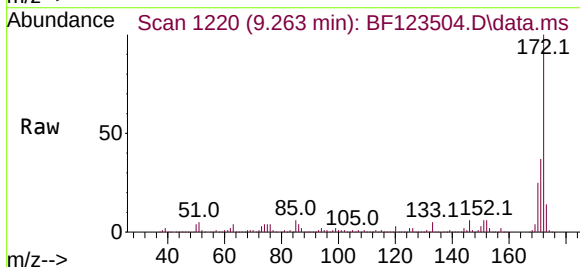
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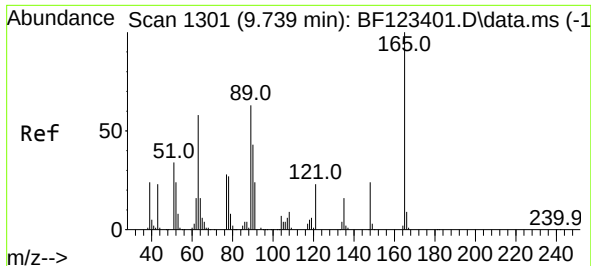
Tgt Ion: 330 Resp: 709280
Ion Ratio Lower Upper
330 100
332 98.1 77.5 116.3
141 30.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.79 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Tgt Ion: 172 Resp: 2660544
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

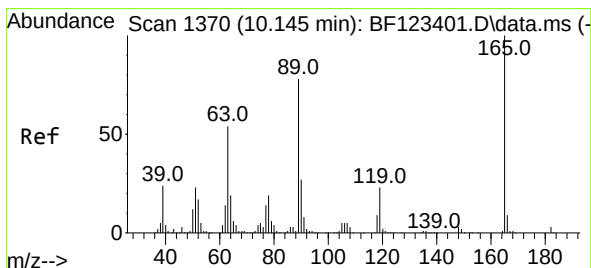
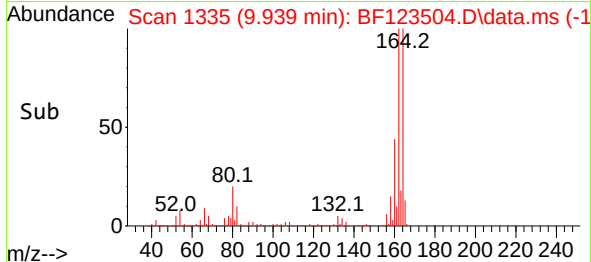
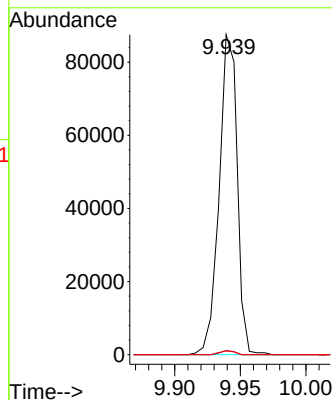
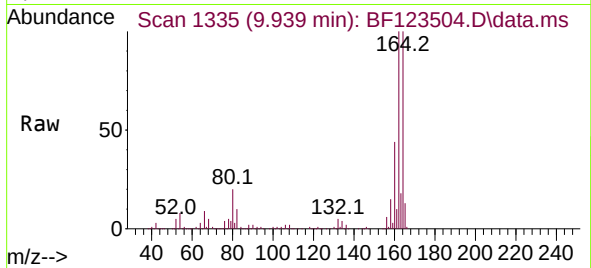




#51
2,6-Dinitrotoluene
Concen: 8.86 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

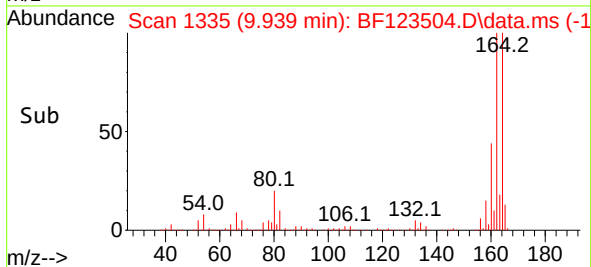
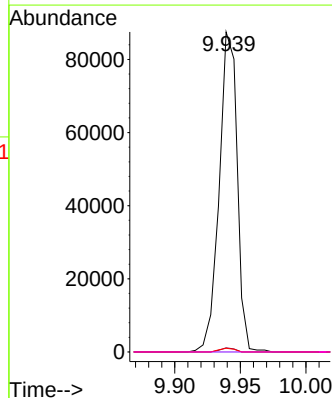
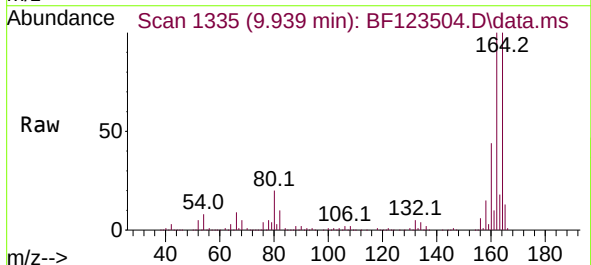
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EXTERIOR-SLAB-BRICK-1

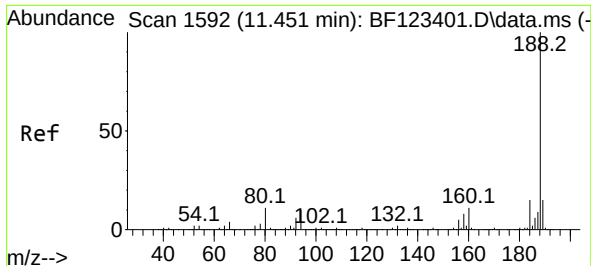
Tgt Ion:165 Resp: 83546
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

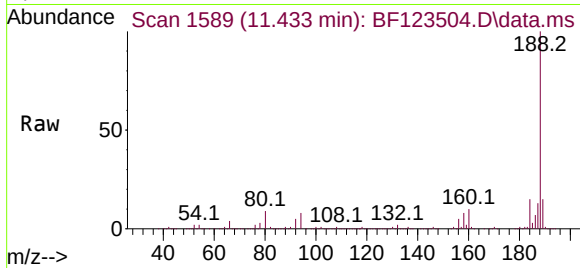
Tgt Ion:165 Resp: 83546
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



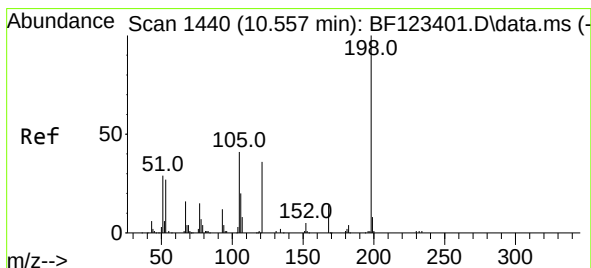
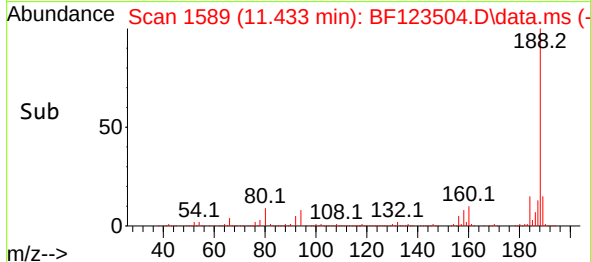
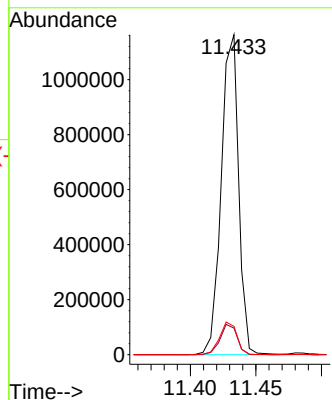


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Instrument :
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ClientSampleId :
EXTERIOR-SLAB-BRICK-1

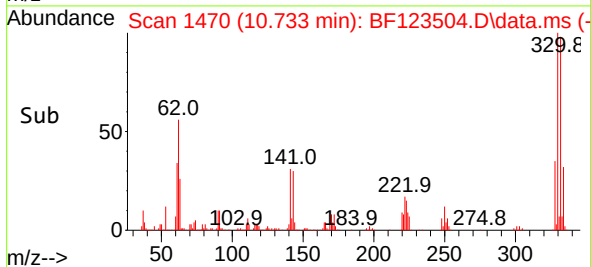
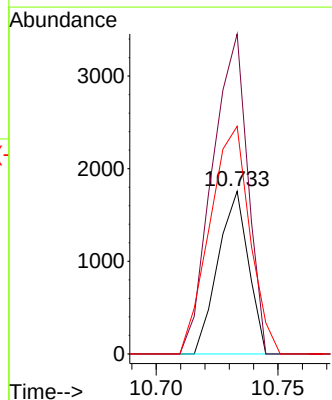
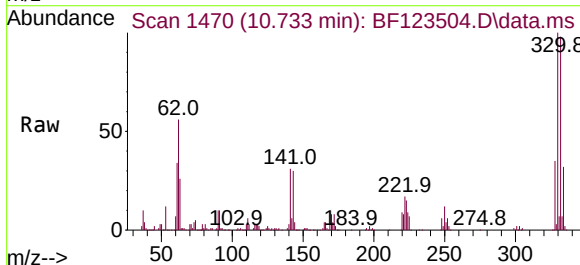


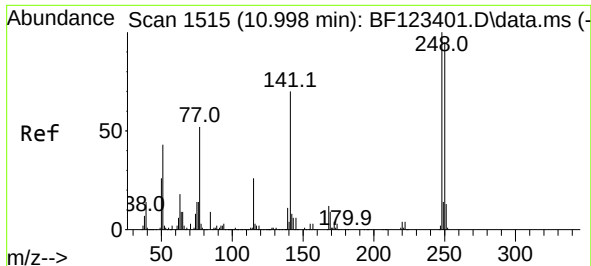
Tgt Ion:188 Resp: 1069196
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.36 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Tgt Ion:198 Resp: 1522
Ion Ratio Lower Upper
198 100
51 196.8 20.3 60.3#
105 140.0 23.0 63.0#

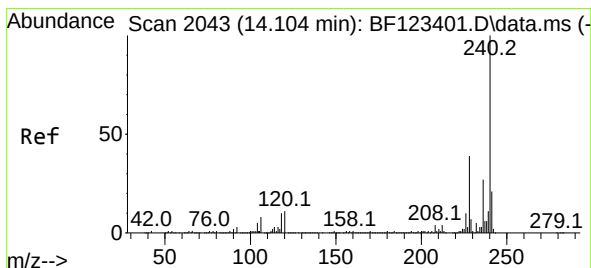
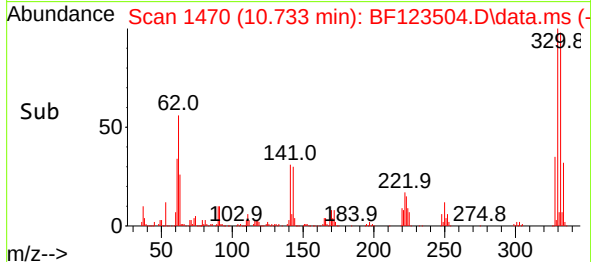
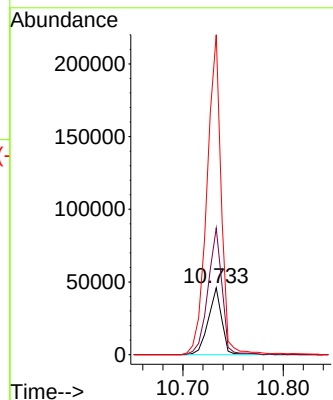
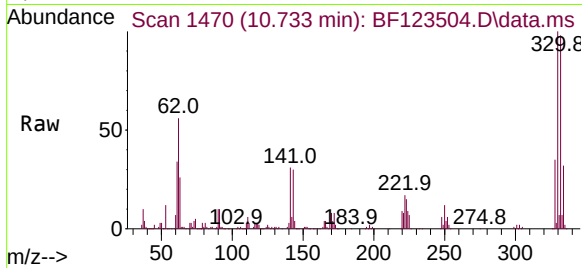




#67
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

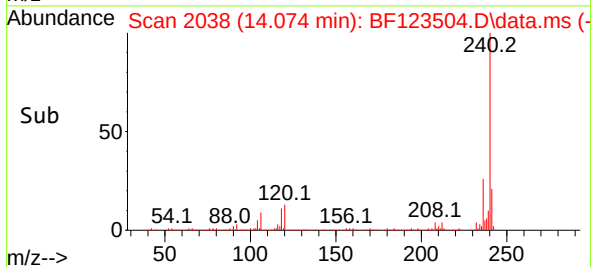
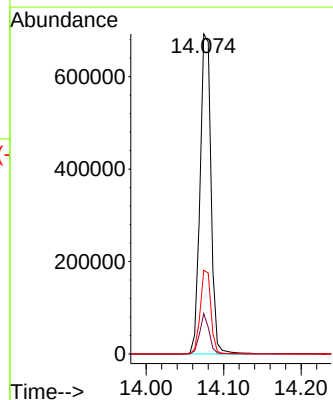
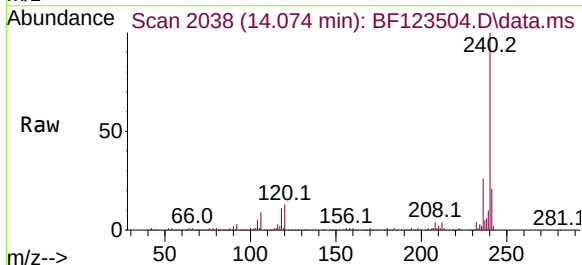
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

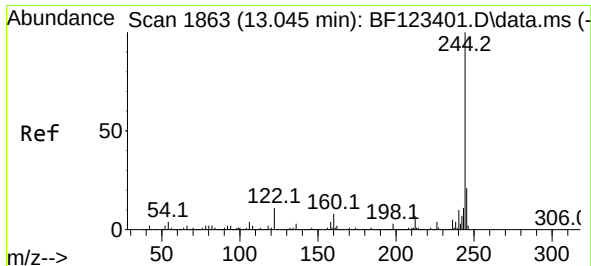
Tgt Ion:248 Resp: 43145
Ion Ratio Lower Upper
248 100
250 189.1 76.8 115.2#
141 477.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123504.D
Acq: 29 Mar 2021 19:48

Tgt Ion:240 Resp: 681178
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.2 20.3 30.5

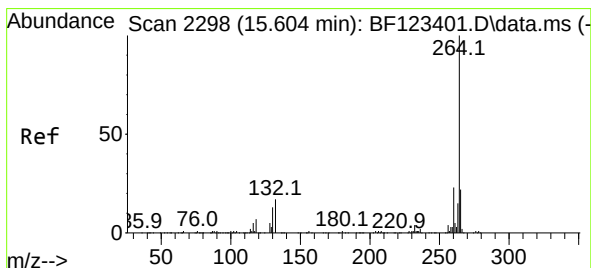
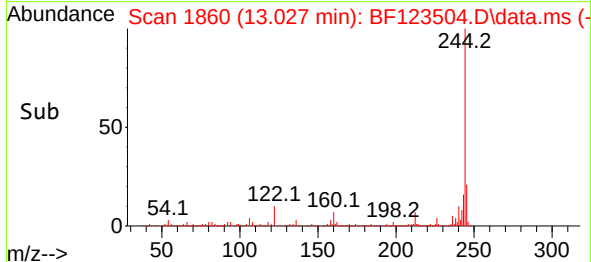
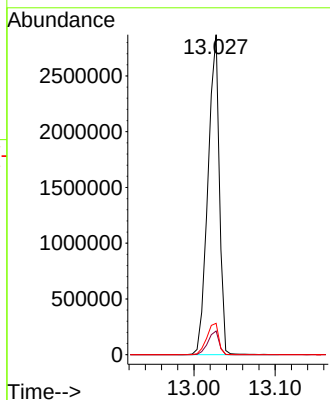
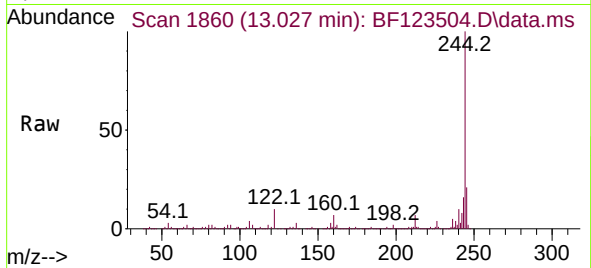




#79
 Terphenyl-d14
 Concen: 69.39 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123504.D
 Acq: 29 Mar 2021 19:48

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-1

Tgt Ion:244 Resp: 2788942
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BF123504.D
 Acq: 29 Mar 2021 19:48

Tgt Ion:264 Resp: 562528
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.8 17.0 25.6

