

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123509.D
 Acq On : 29 Mar 2021 22:28
 Operator : JU/CG
 Sample : M1791-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROSE-BRICK-INTERIOR

Quant Time: Mar 30 00:35:02 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

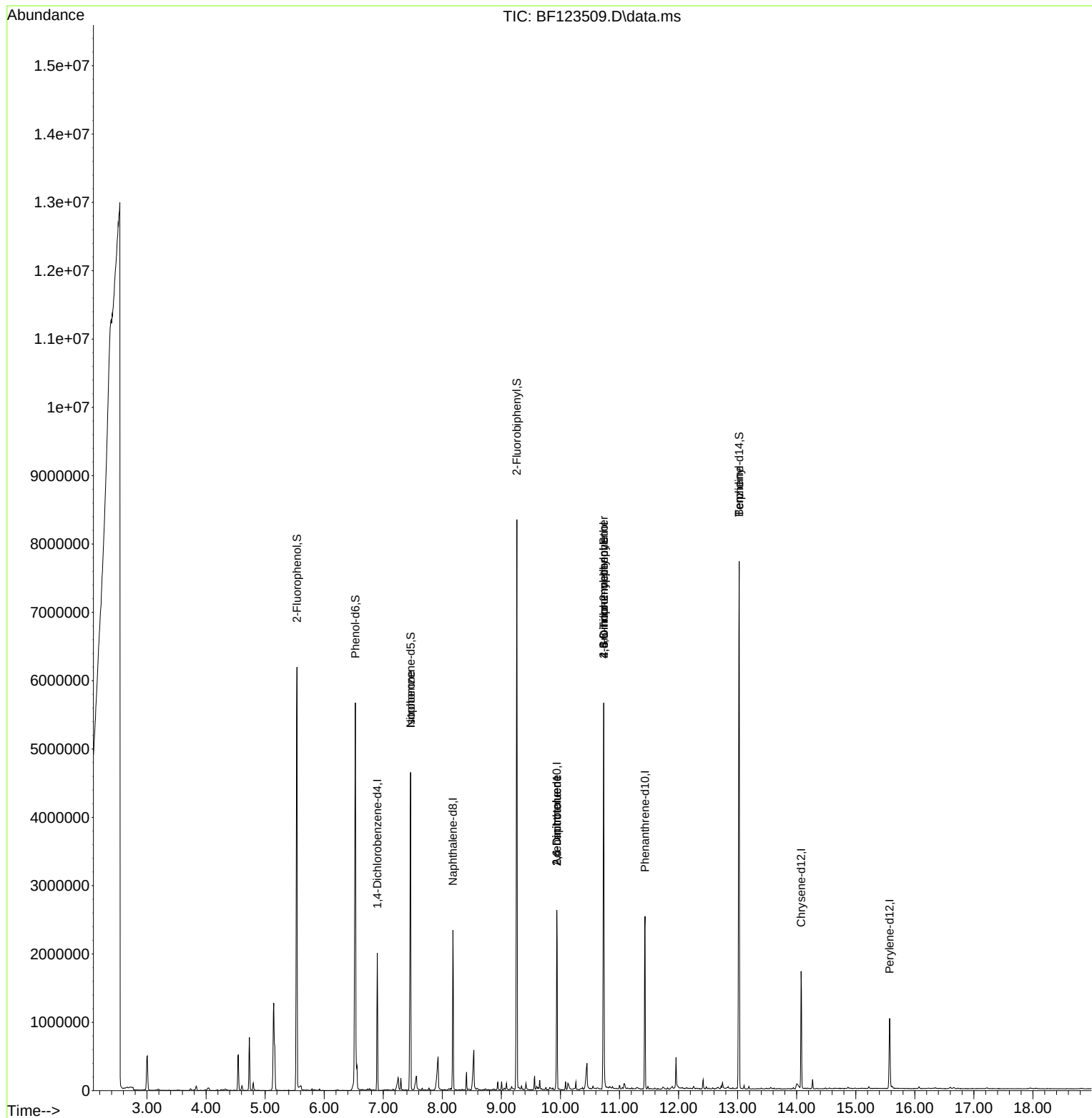
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	261831	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	976779	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	523308	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	935166	20.00	ng	0.00
76) Chrysene-d12	14.074	240	581566	20.00	ng	-0.01
86) Perylene-d12	15.574	264	485293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1662551	103.88	ng	0.02
7) Phenol-d6	6.528	99	1964038	92.18	ng	0.00
23) Nitrobenzene-d5	7.463	82	1503835	83.09	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	730049	124.78	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2550658	69.63	ng	0.00
79) Terphenyl-d14	13.027	244	2808008	81.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	848	Below Cal	#	76
25) Isophorone	7.463	82	1503807	38.65	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	67121	8.64	ng	# 32
57) 2,4-Dinitrotoluene	9.939	165	67121	6.93	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.733	198	1252	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	42897	3.87	ng	# 1
77) Benzdine	13.027	184	37508	2.17	ng	99

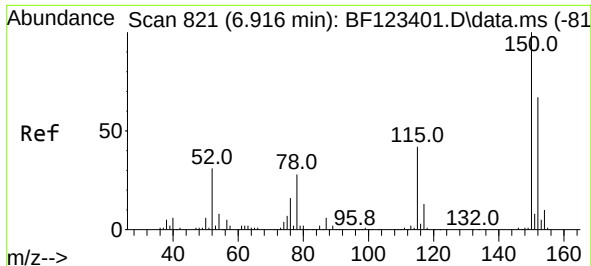
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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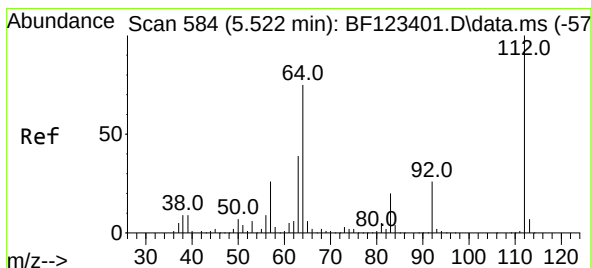
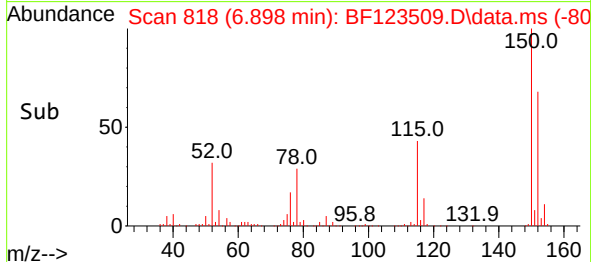
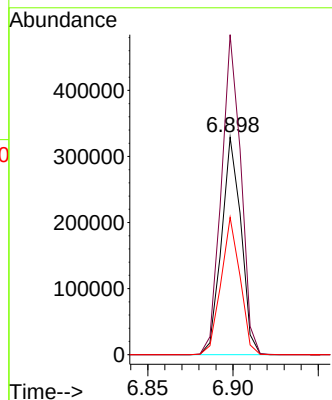
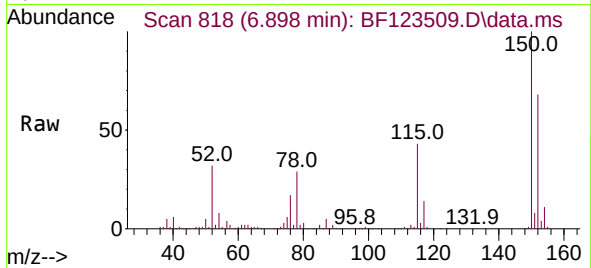




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

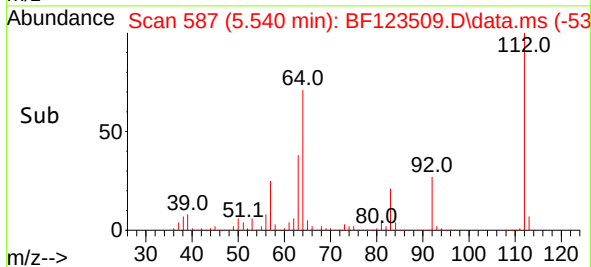
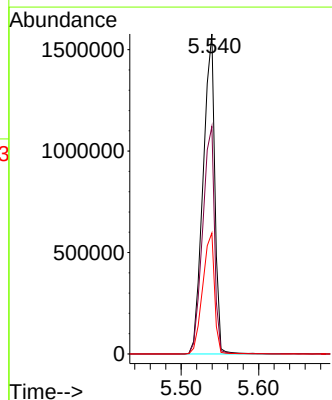
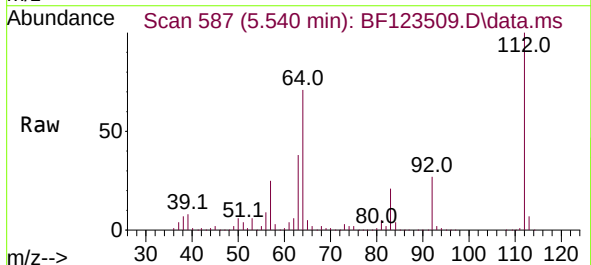
Instrument :
BNA_F
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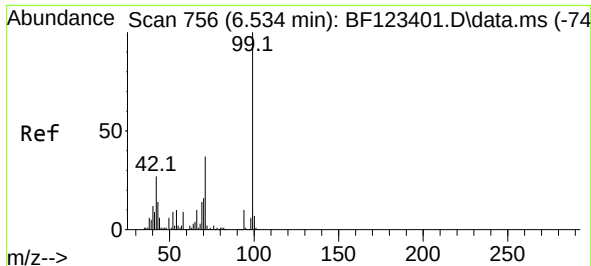
Tgt Ion:152 Resp: 261831
Ion Ratio Lower Upper
152 100
150 147.2 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 103.88 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.024 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:112 Resp: 1662551
Ion Ratio Lower Upper
112 100
64 71.1 46.9 70.3#
63 37.8 24.5 36.7#

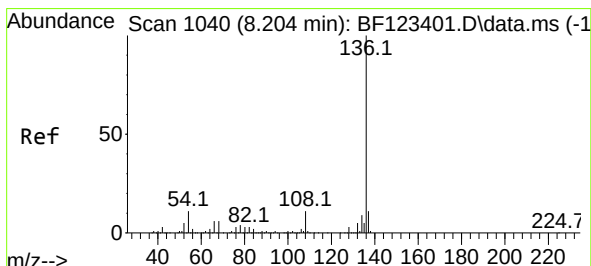
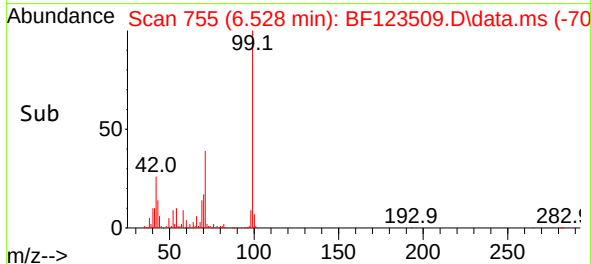
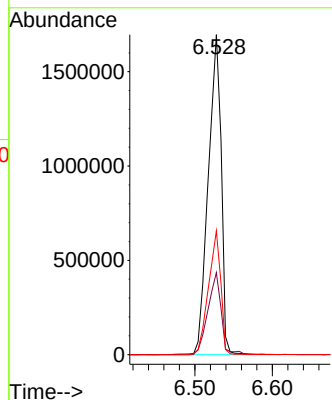
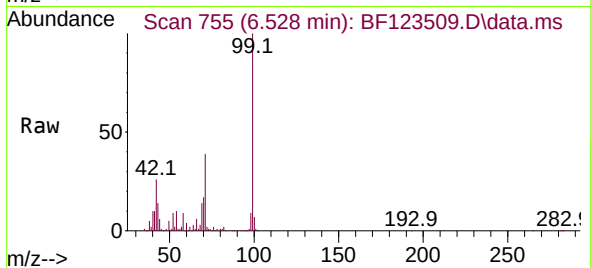




#7
Phenol-d6
Concen: 92.18 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

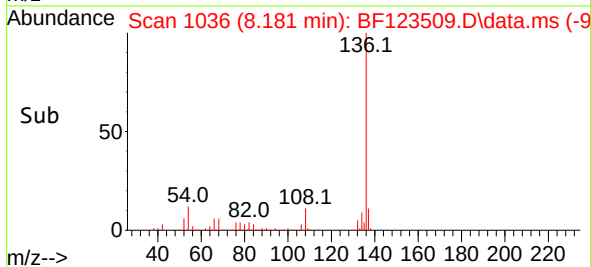
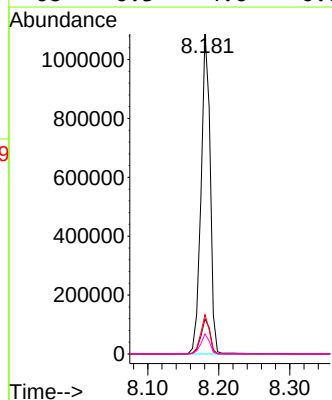
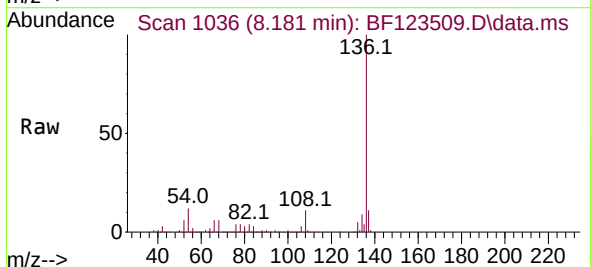
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ClientSampleId :
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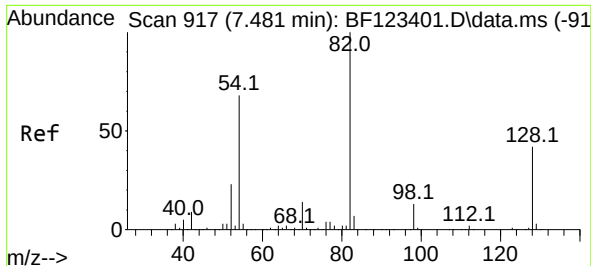
Tgt Ion: 99 Resp: 1964038
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 38.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion: 136 Resp: 976779
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.3 5.5 8.3#
68 6.3 4.6 6.8

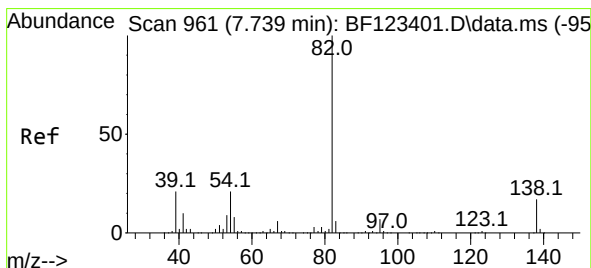
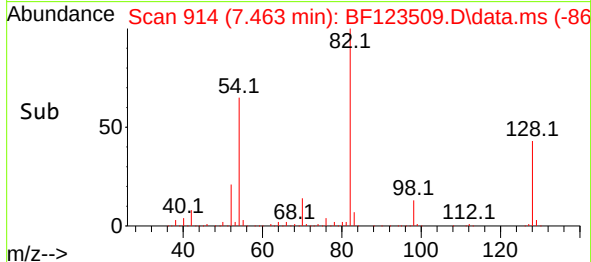
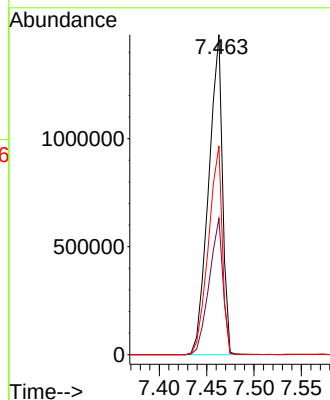
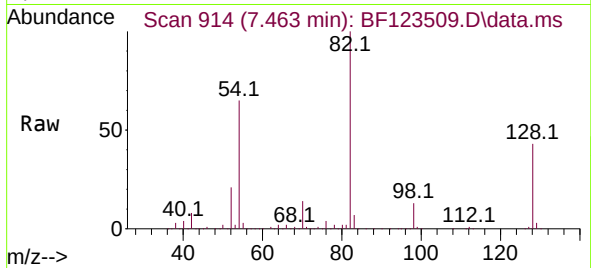




#23
Nitrobenzene-d5
Concen: 83.09 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

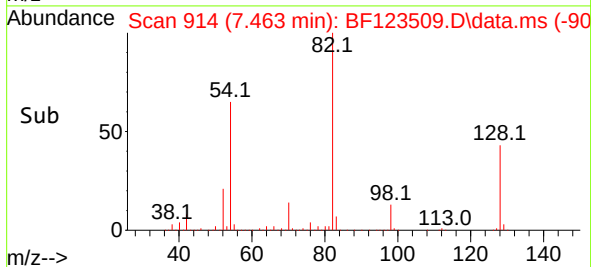
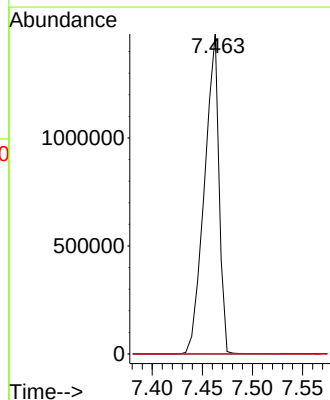
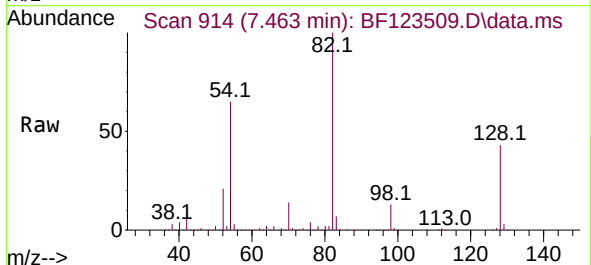
Instrument :
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ClientSampleId :
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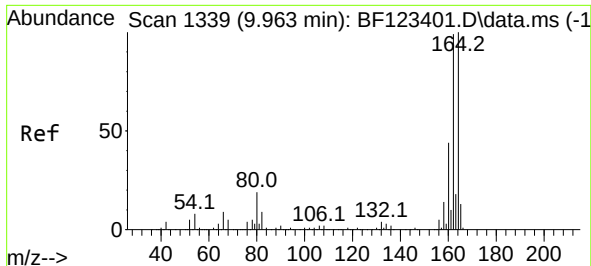
Tgt Ion: 82 Resp: 1503835
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 65.2 38.4 57.6#



#25
Isophorone
Concen: 38.65 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion: 82 Resp: 1503807
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

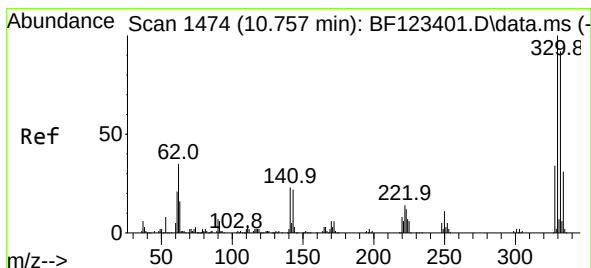
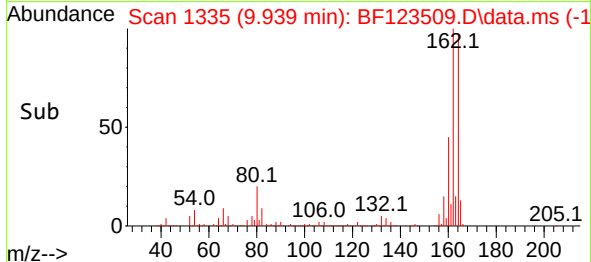
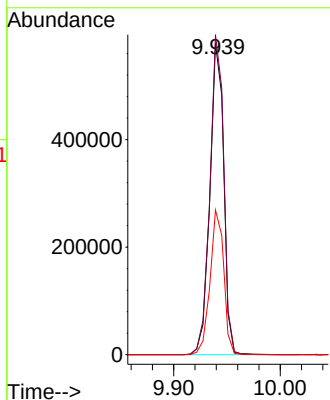
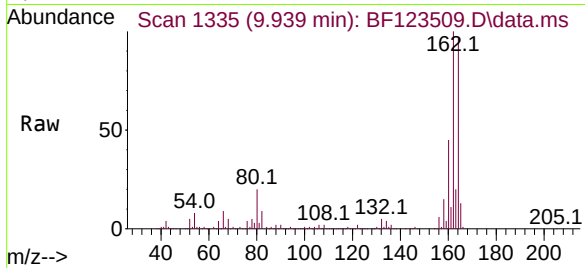




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

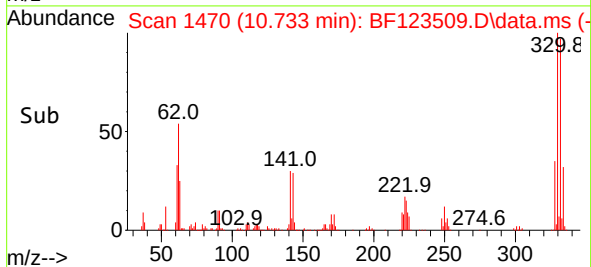
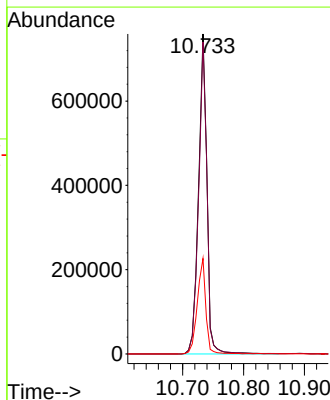
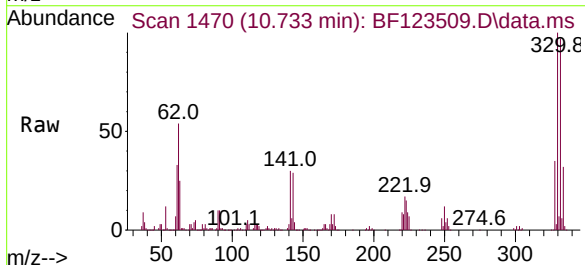
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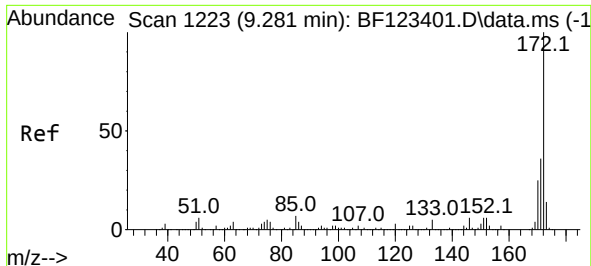
Tgt Ion:164	Resp: 523308
Ion Ratio	Lower Upper
164 100	
162 102.8	80.8 121.2
160 46.5	35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.78 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:330	Resp: 730049
Ion Ratio	Lower Upper
330 100	
332 96.9	77.5 116.3
141 30.6	23.8 35.8

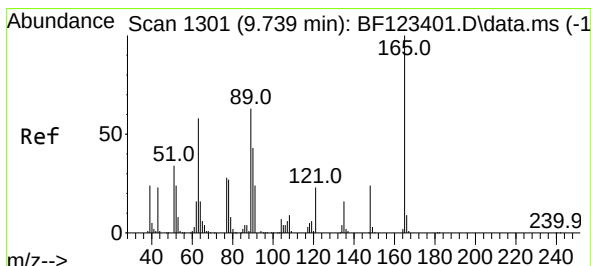
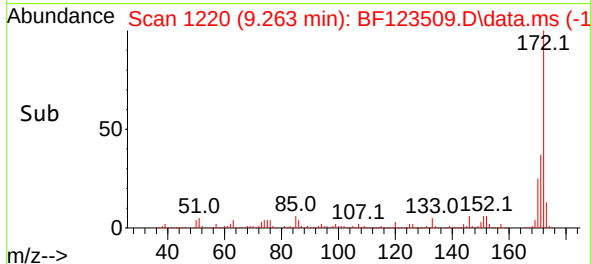
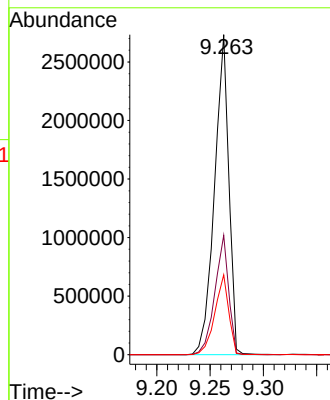
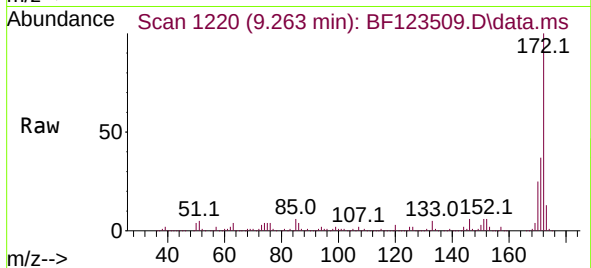




#45
2-Fluorobiphenyl
Concen: 69.63 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

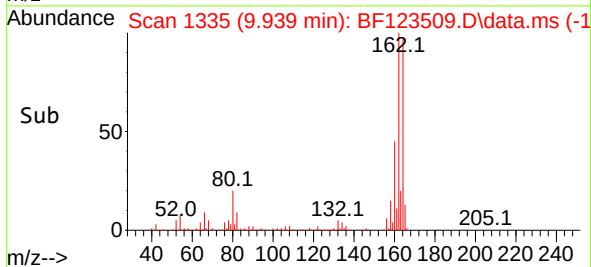
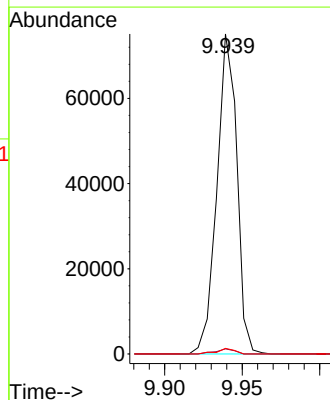
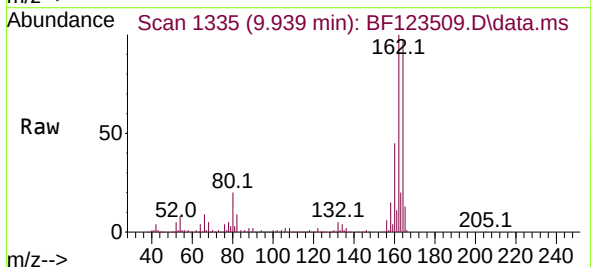
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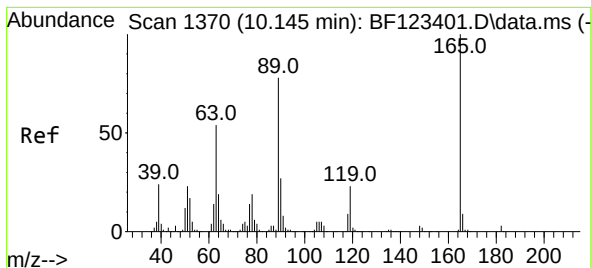
Tgt Ion:172 Resp: 2550658
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:165 Resp: 67121
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#

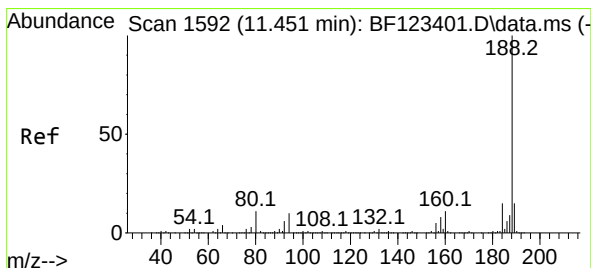
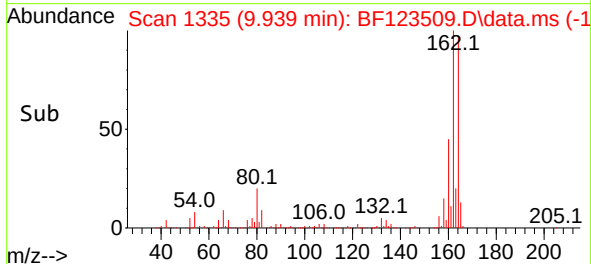
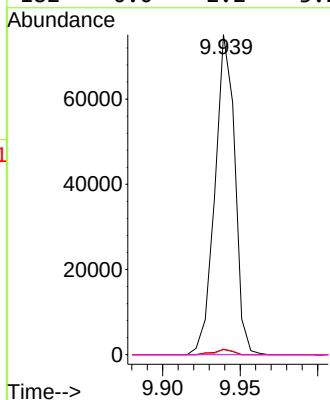
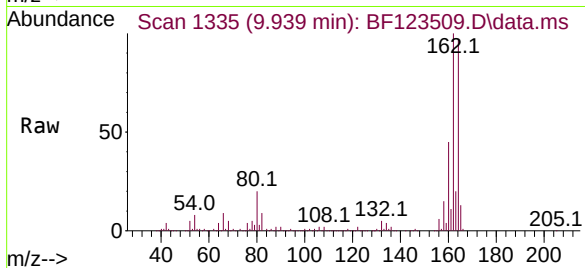




#57
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

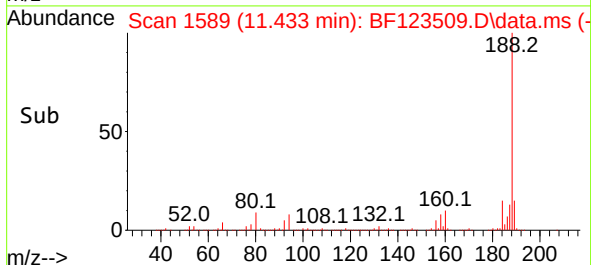
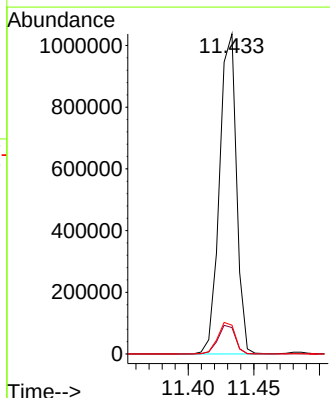
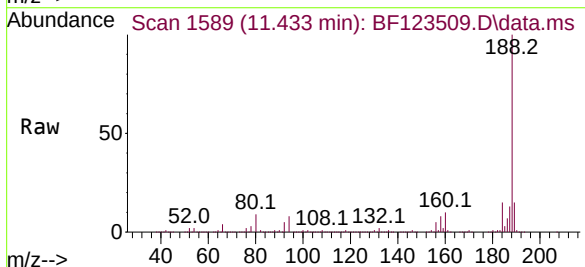
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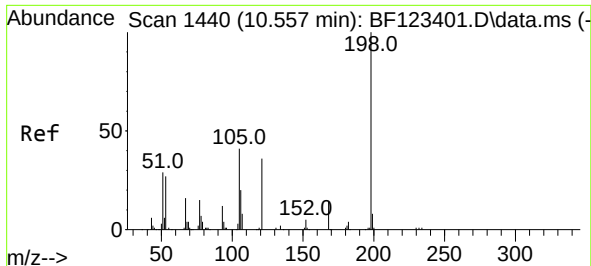
Tgt Ion:165 Resp: 67121
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:188 Resp: 935166
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.0 8.2 12.4

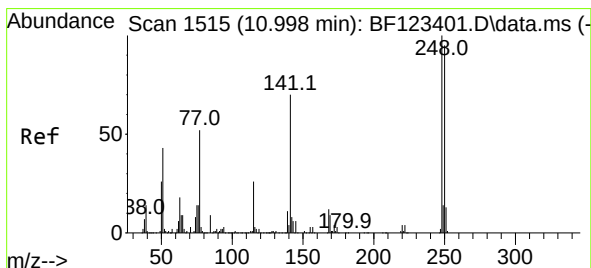
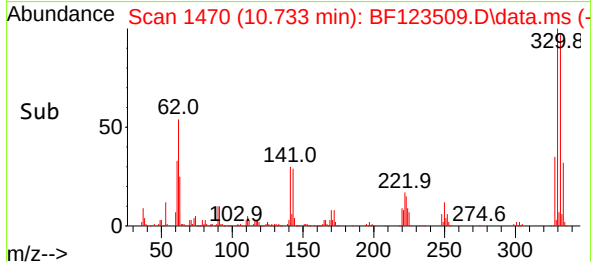
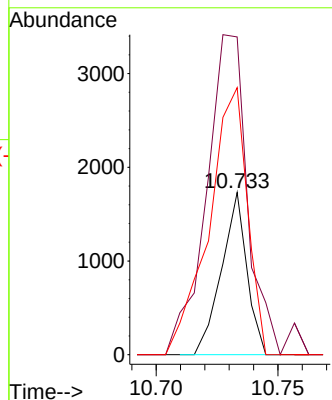
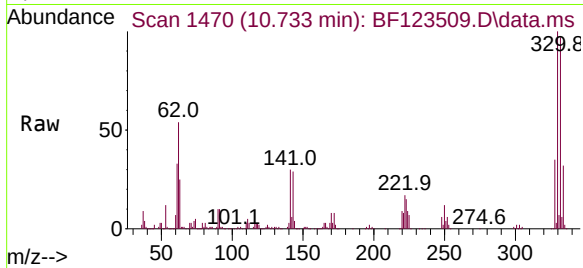




#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

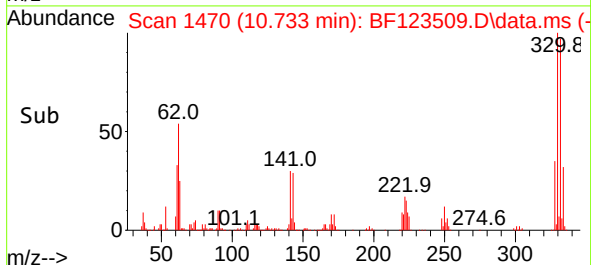
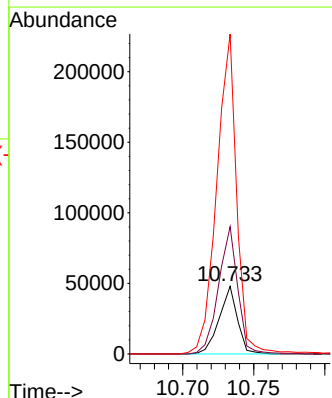
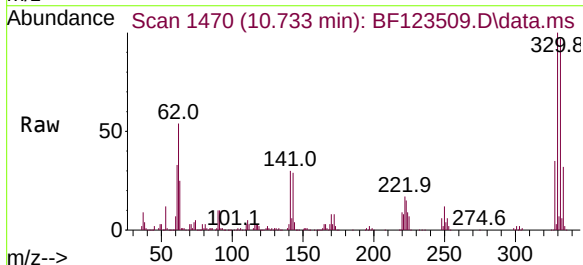
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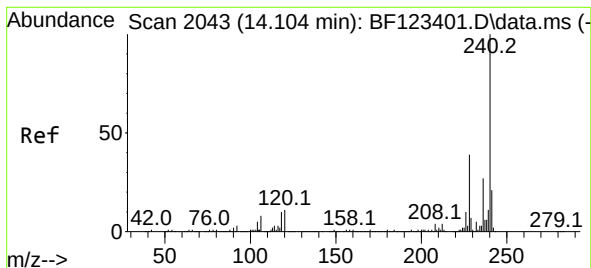
Tgt Ion:198 Resp: 1252
Ion Ratio Lower Upper
198 100
51 195.9 20.3 60.3#
105 164.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:248 Resp: 42897
Ion Ratio Lower Upper
248 100
250 188.3 76.8 115.2#
141 473.2 59.8 89.8#

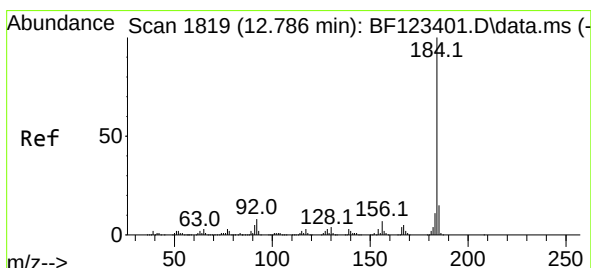
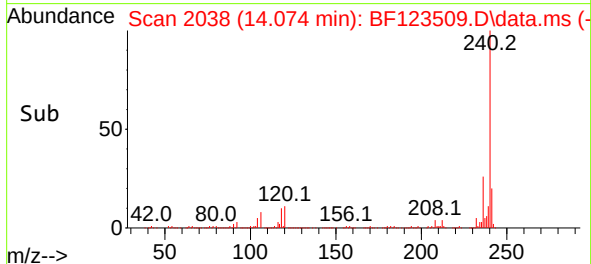
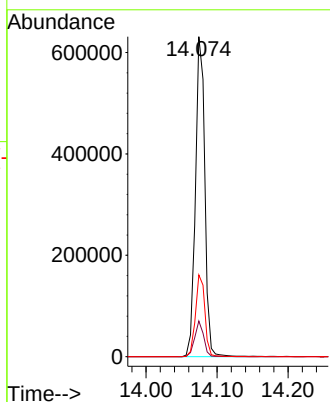
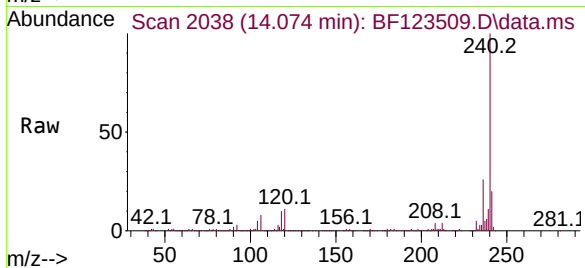




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

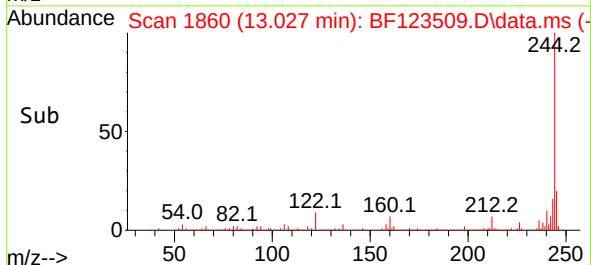
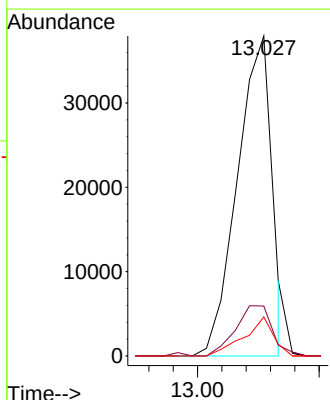
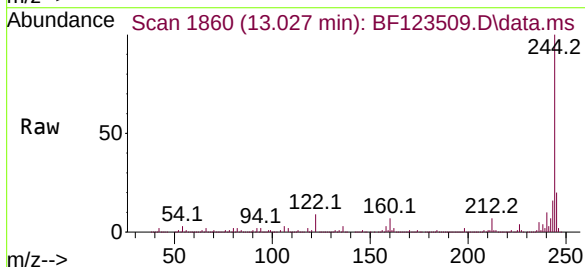
Instrument :
BNA_F
ClientSampleId :
ROSE-BRICK-INTERIOR

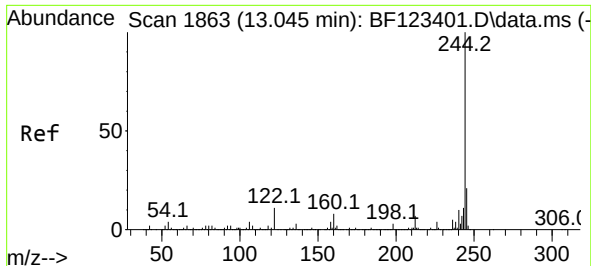
Tgt Ion:240 Resp: 581566
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.17 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123509.D
Acq: 29 Mar 2021 22:28

Tgt Ion:184 Resp: 37508
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 12.2 9.7 14.5

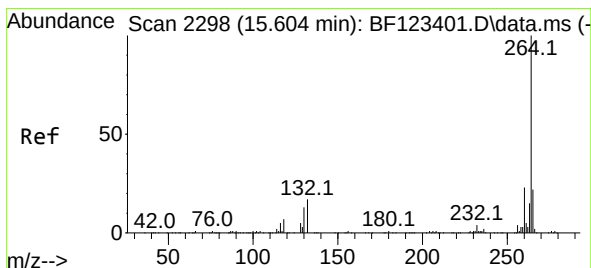
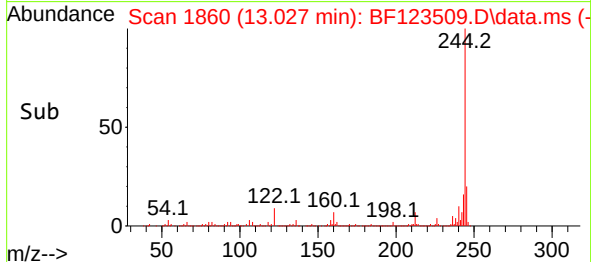
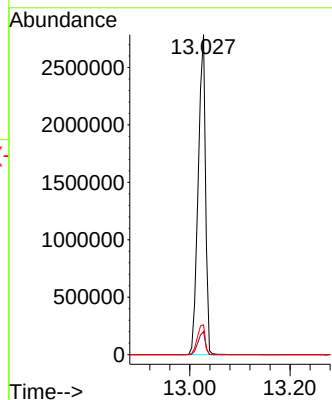
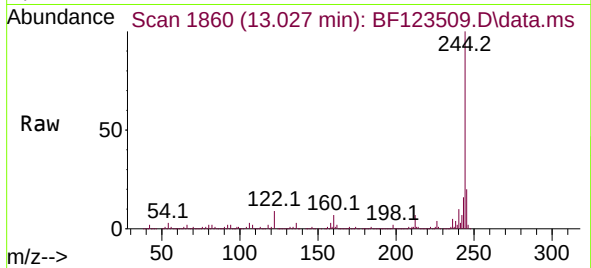




#79
 Terphenyl-d14
 Concen: 81.83 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123509.D
 Acq: 29 Mar 2021 22:28

Instrument :
 BNA_F
 ClientSampleId :
 ROSE-BRICK-INTERIOR

Tgt Ion:244 Resp: 2808008
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.4 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: BF123509.D
 Acq: 29 Mar 2021 22:28

Tgt Ion:264 Resp: 485293
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 28.0
 265 20.9 17.0 25.6

