

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123310.D
 Acq On : 26 Feb 2021 19:16
 Operator : JU/CG
 Sample : M1475-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WA-CON

Quant Time: Feb 26 23:27:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

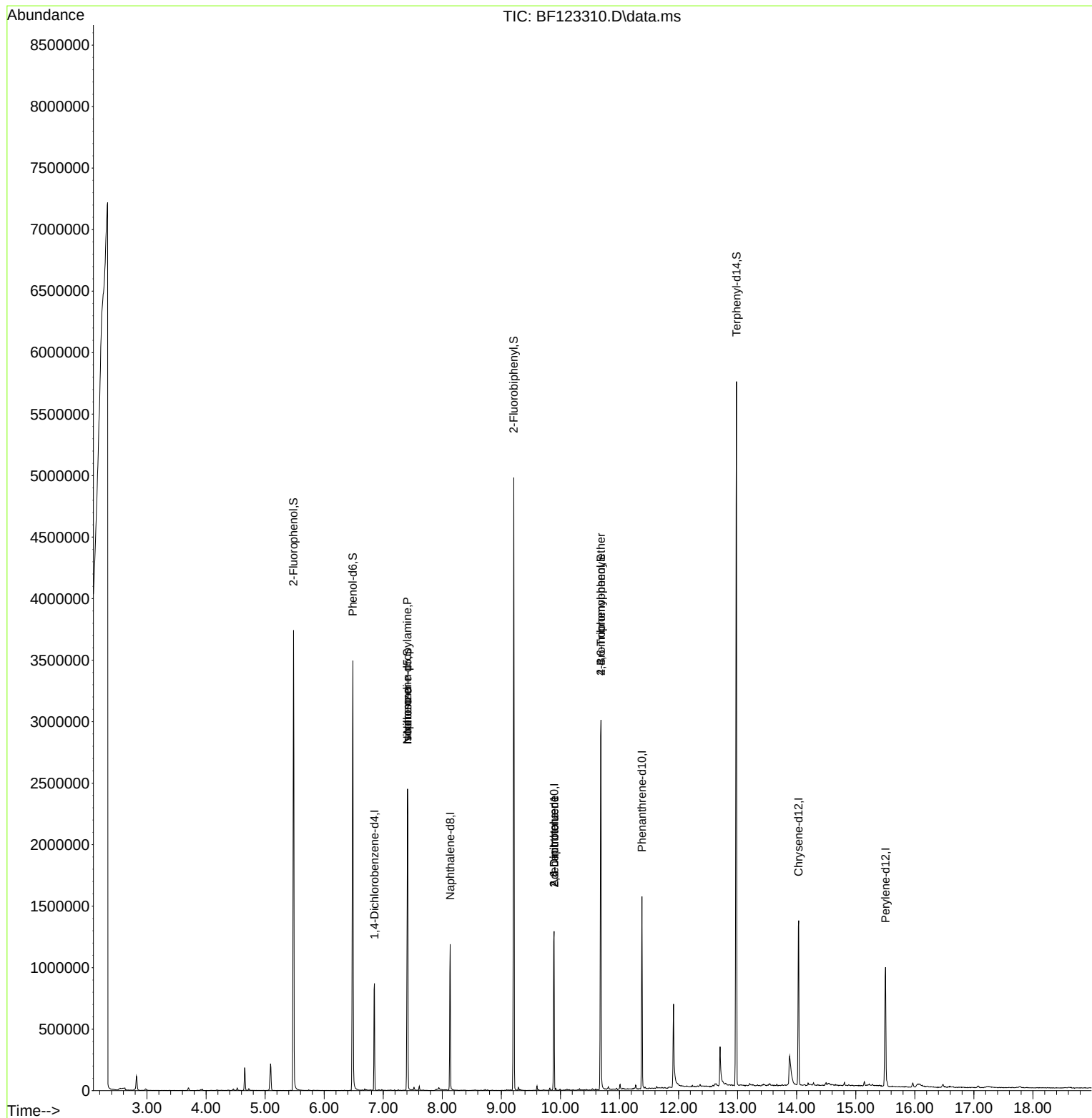
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	118740	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	484406	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	255017	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	491651	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	447358	20.00	ng	-0.01
86) Perylene-d12	15.504	264	424116	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	998821	121.08	ng	0.00
7) Phenol-d6	6.487	99	1199297	107.01	ng	0.00
23) Nitrobenzene-d5	7.410	82	885543	83.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	340967	131.31	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1413430	79.61	ng	-0.01
79) Terphenyl-d14	12.980	244	1737871	74.70	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	2438	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	122348	18.35	ng	# 81
25) Isophorone	7.410	82	879657	44.45	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	32360	7.36	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	32360	5.48	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	24861	4.64	ng	# 1

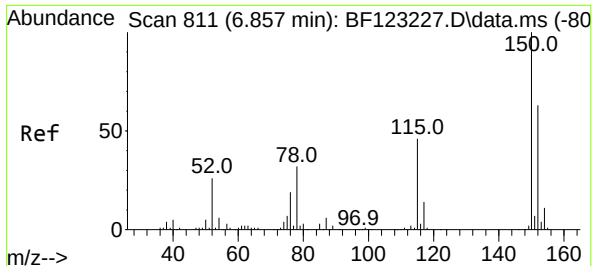
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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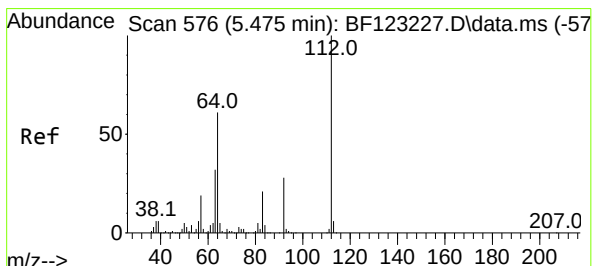
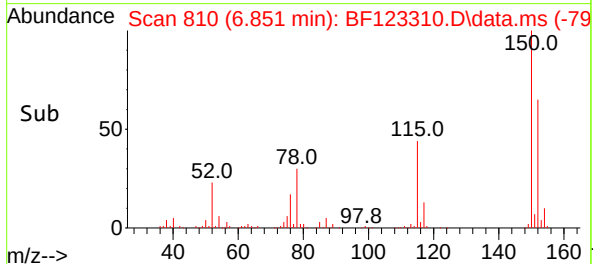
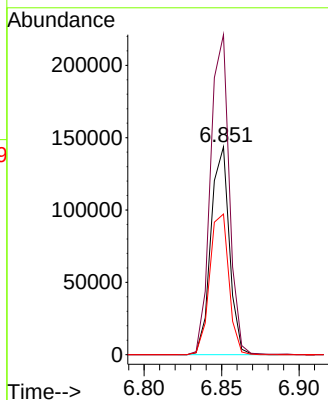
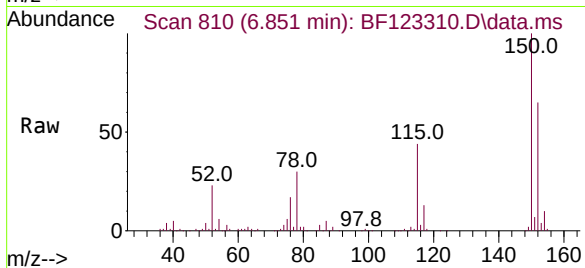




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF123310.D
 Acq: 26 Feb 2021 19:16

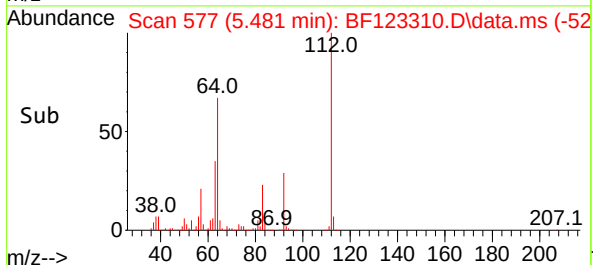
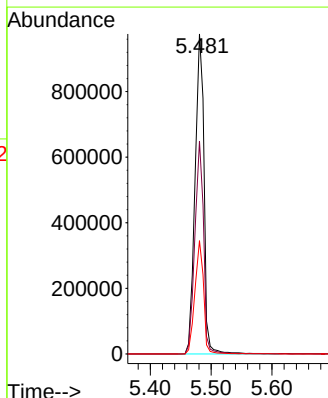
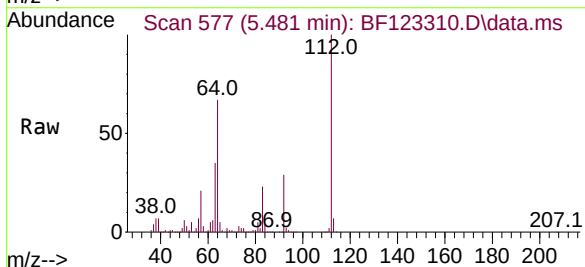
Instrument :
 BNA_F
 ClientSampleId :
 WA-CON

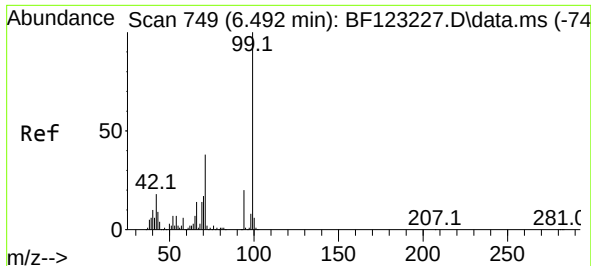
Tgt Ion:152 Resp: 118740
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.8 188.6
 115 67.7 49.3 73.9



#5
 2-Fluorophenol
 Concen: 121.08 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: BF123310.D
 Acq: 26 Feb 2021 19:16

Tgt Ion:112 Resp: 998821
 Ion Ratio Lower Upper
 112 100
 64 66.5 46.9 70.3
 63 35.4 24.5 36.7



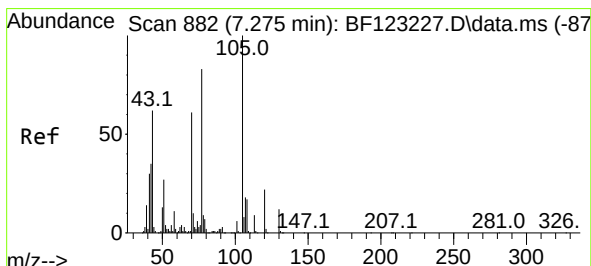
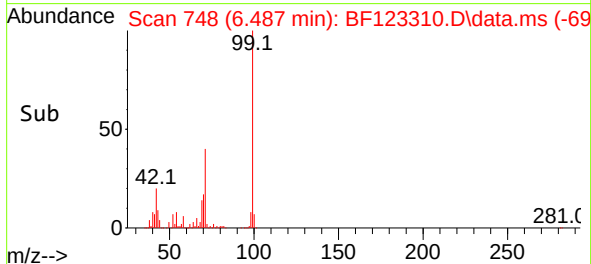
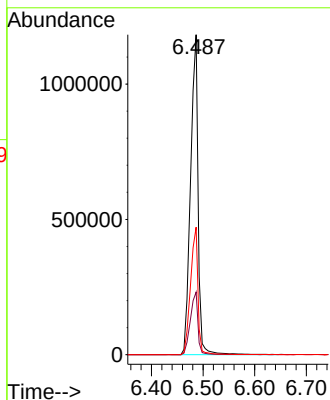
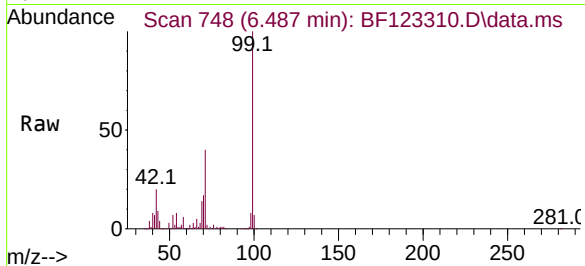


#7
Phenol-d6
Concen: 107.01 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Instrument :
BNA_F
ClientSampleId :
WA-CON

Tgt Ion: 99 Resp: 1199297

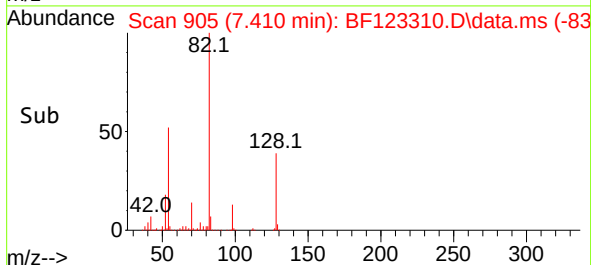
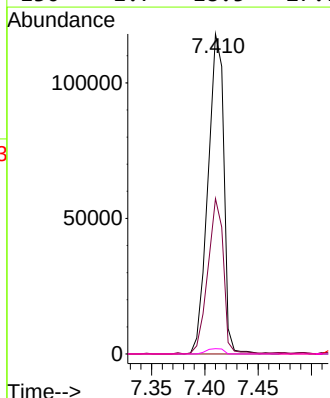
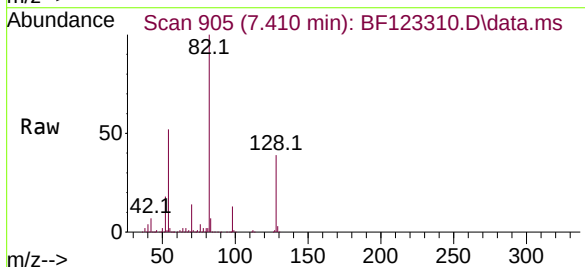
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.8	20.6
71	39.9	26.9	40.3

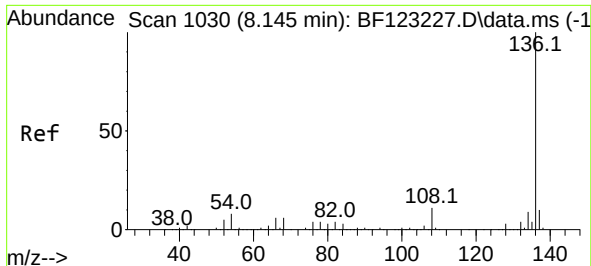


#19
n-Nitroso-di-n-propylamine
Concen: 18.35 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion: 70 Resp: 122348

Ion	Ratio	Lower	Upper
70	100		
42	48.6	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#

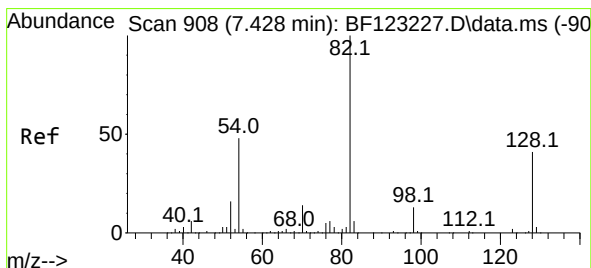
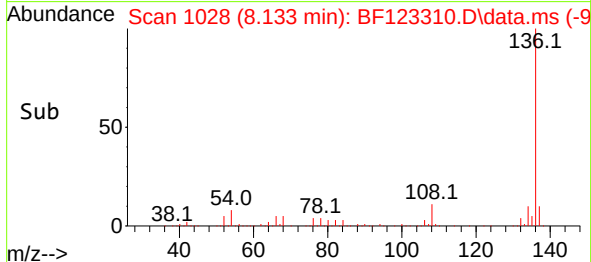
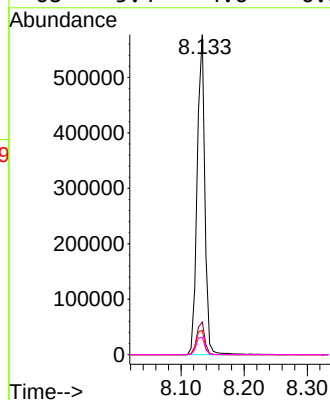
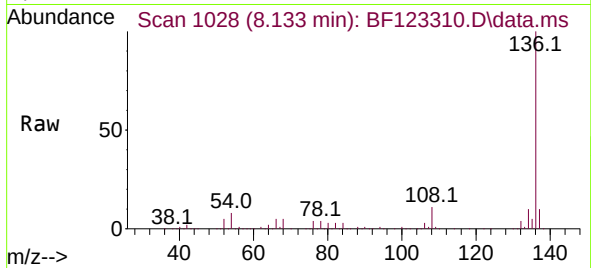




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

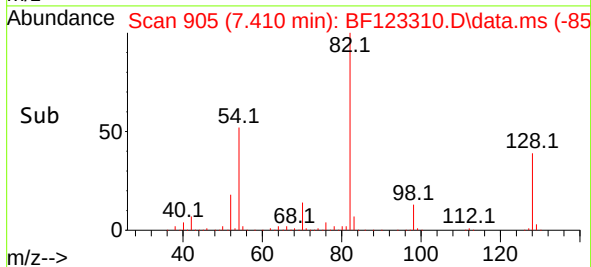
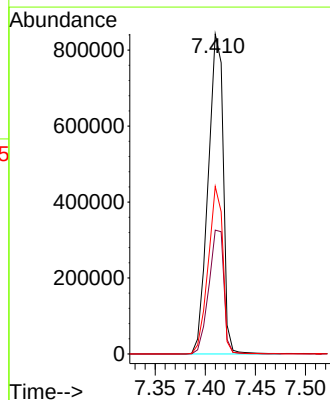
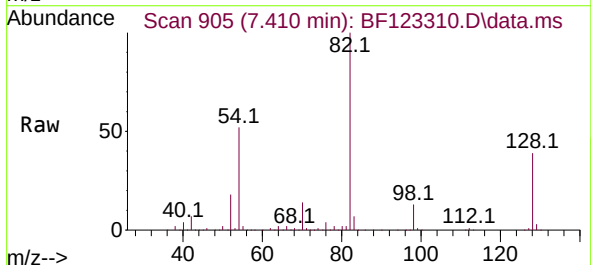
Instrument :
BNA_F
ClientSampleId :
WA-CON

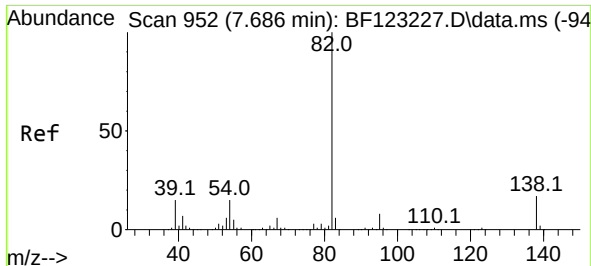
Tgt Ion:136	Resp: 484406
Ion Ratio	Lower Upper
136 100	
137 10.2	8.8 13.2
54 7.6	5.5 8.3
68 5.4	4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.68 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion: 82	Resp: 885543
Ion Ratio	Lower Upper
82 100	
128 38.7	37.0 55.4
54 52.4	38.4 57.6

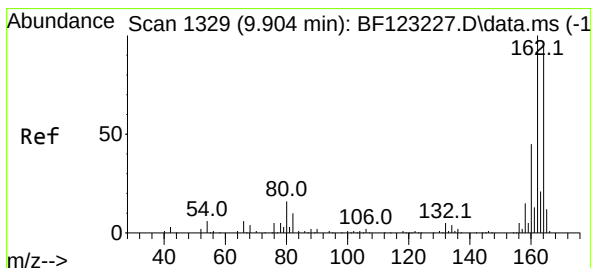
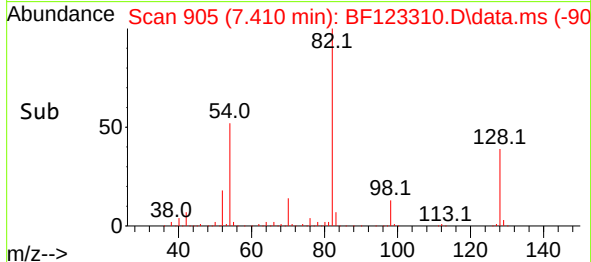
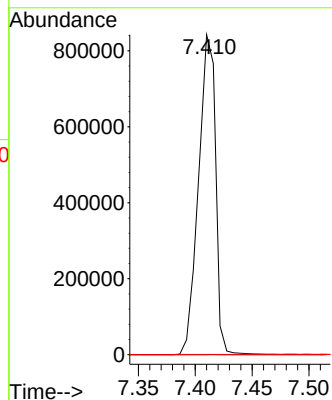
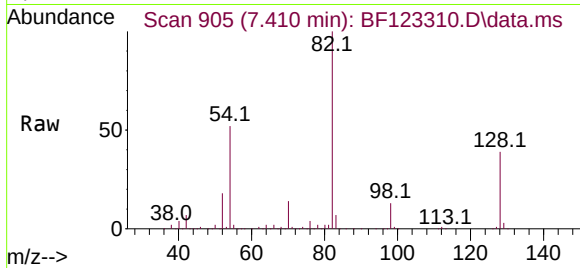




#25
Isophorone
Concen: 44.45 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.276 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

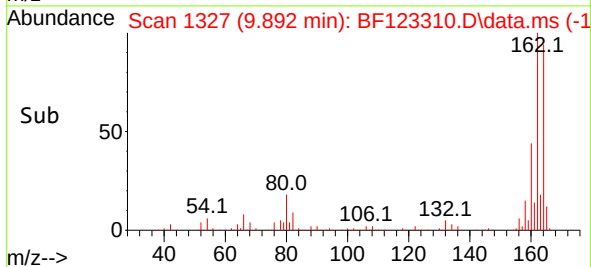
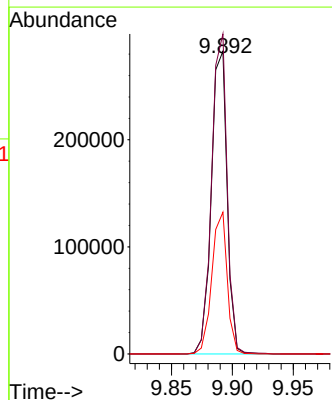
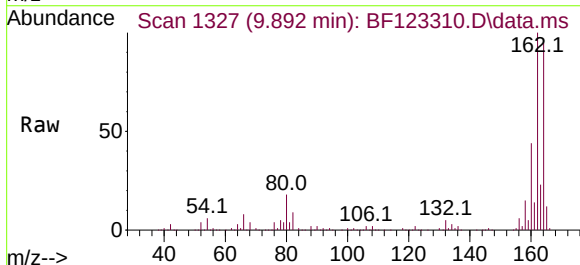
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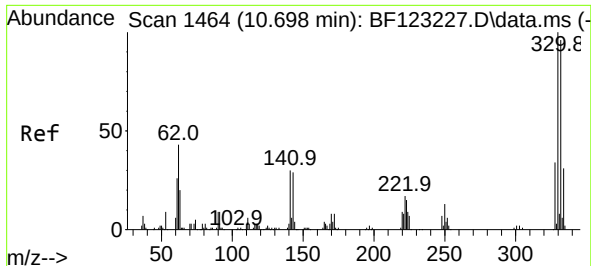
Tgt Ion: 82 Resp: 879657
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion: 164 Resp: 255017
Ion Ratio Lower Upper
164 100
162 105.7 80.8 121.2
160 46.8 35.4 53.0

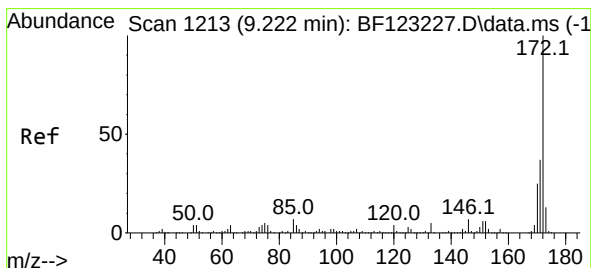
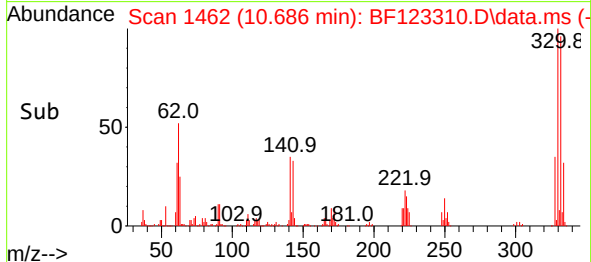
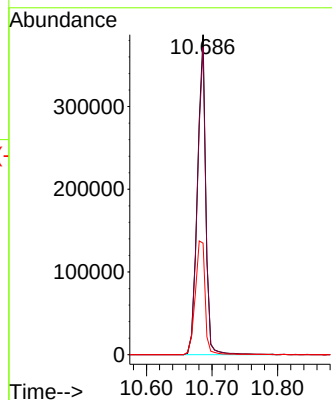
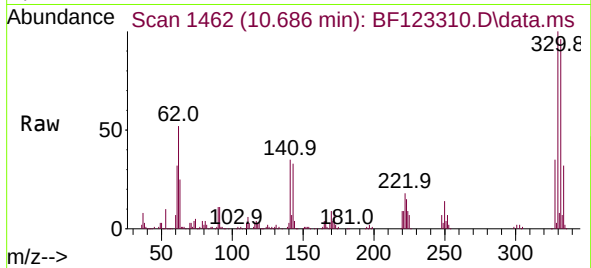




#42
 2,4,6-Tribromophenol
 Concen: 131.31 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF123310.D
 Acq: 26 Feb 2021 19:16

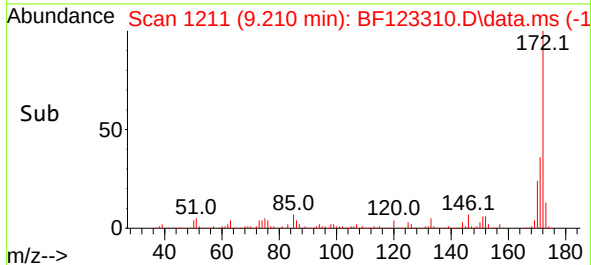
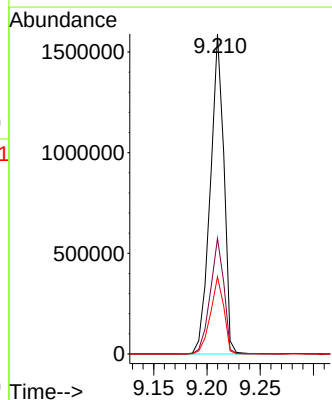
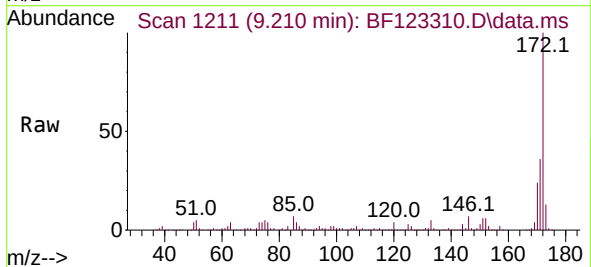
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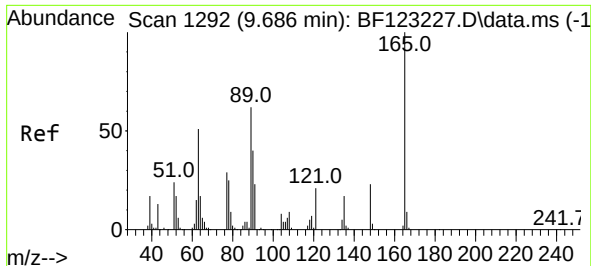
Tgt Ion:330 Resp: 340967
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.5 116.3
 141 41.9 23.8 35.8#



#45
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.012 min
 Lab File: BF123310.D
 Acq: 26 Feb 2021 19:16

Tgt Ion:172 Resp: 1413430
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 19.5 29.3

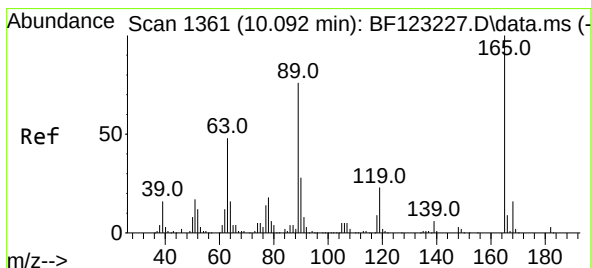
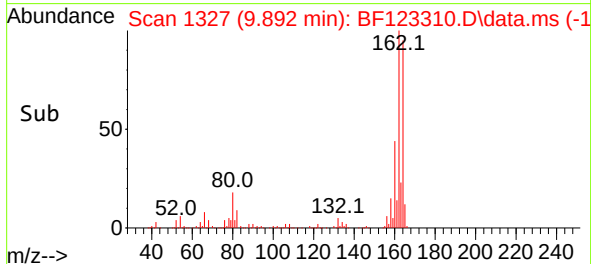
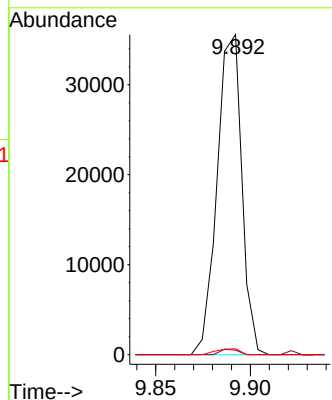
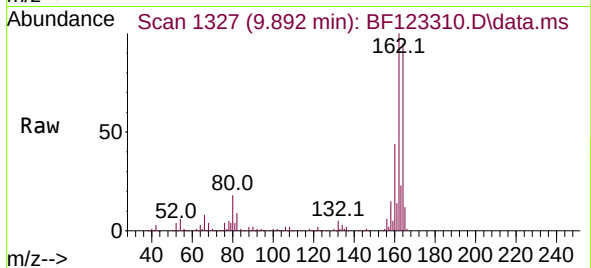




#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

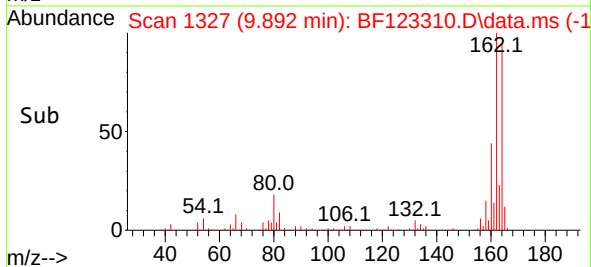
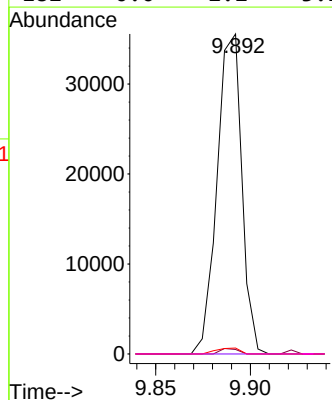
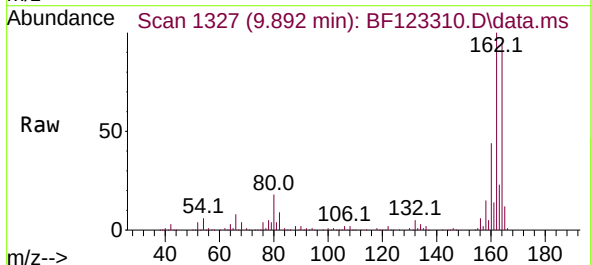
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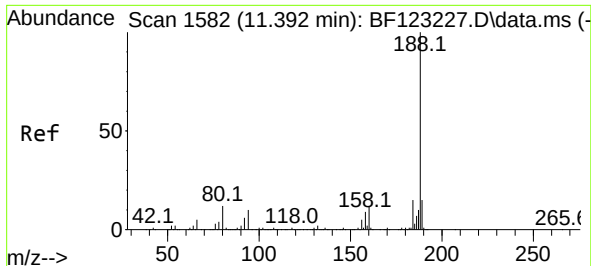
Tgt Ion:165 Resp: 32360
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion:165 Resp: 32360
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

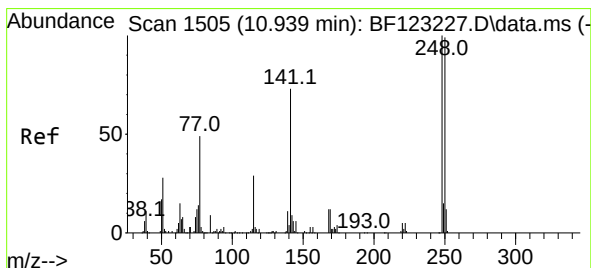
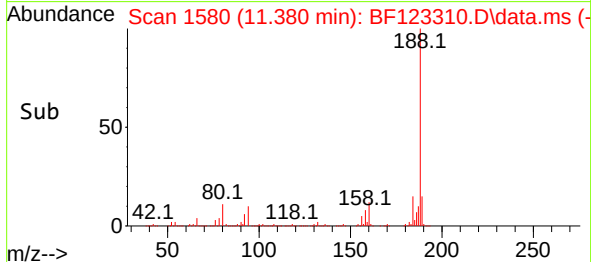
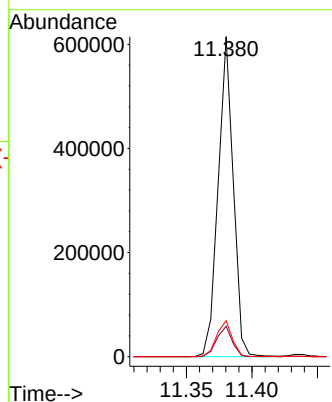
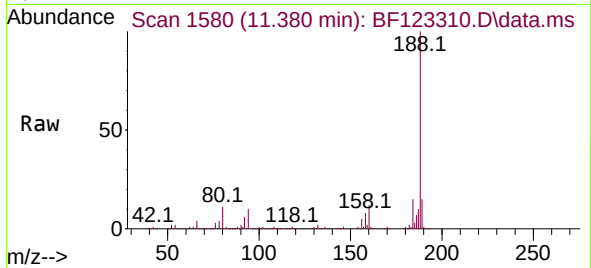




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

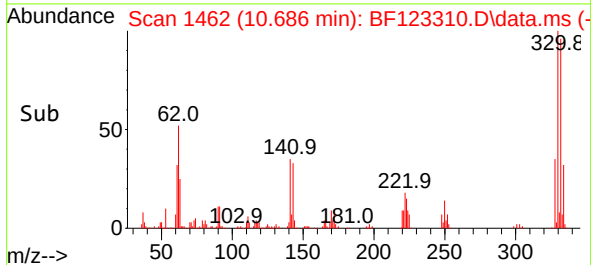
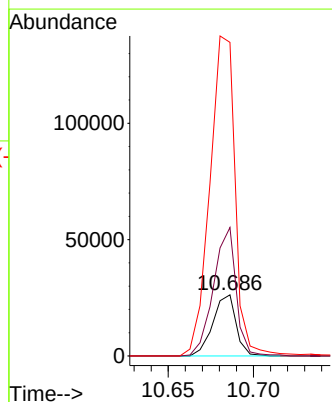
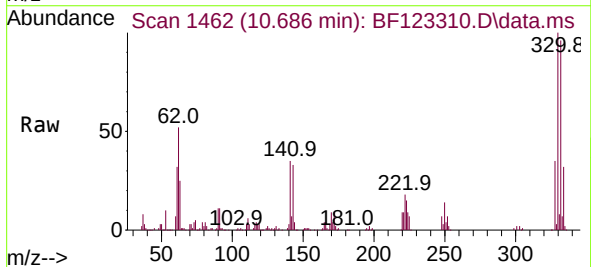
Instrument :
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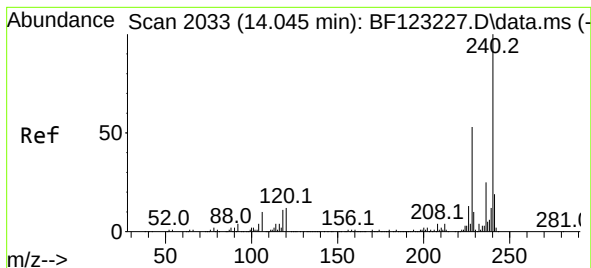
Tgt Ion:188 Resp: 491651
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion:248 Resp: 24861
Ion Ratio Lower Upper
248 100
250 210.2 76.8 115.2#
141 513.0 59.8 89.8#

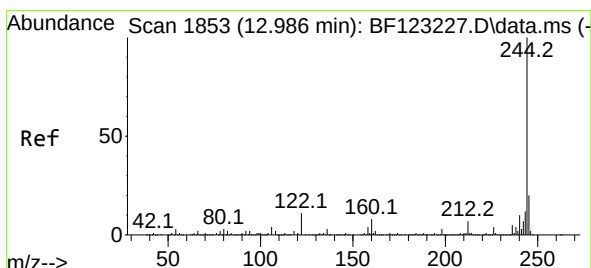
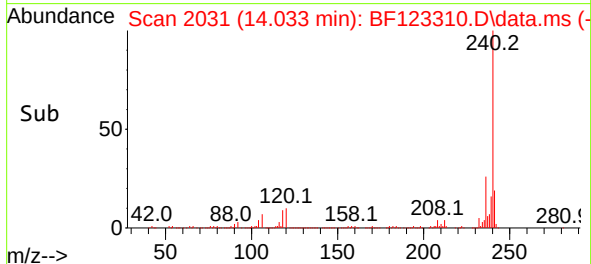
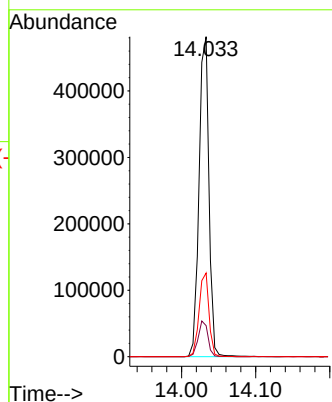
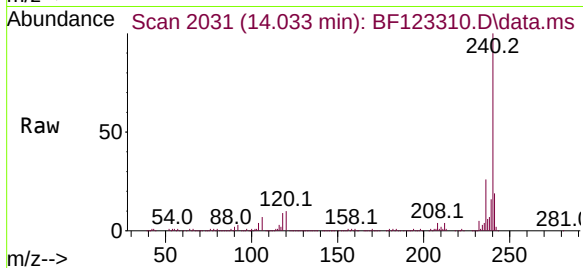




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

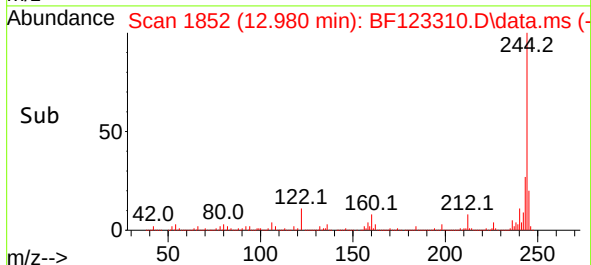
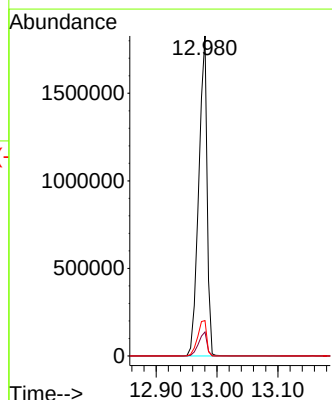
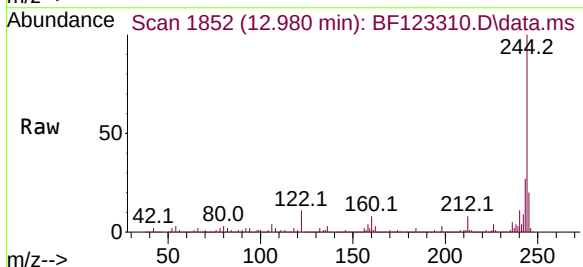
Instrument :
BNA_F
ClientSampleId :
WA-CON

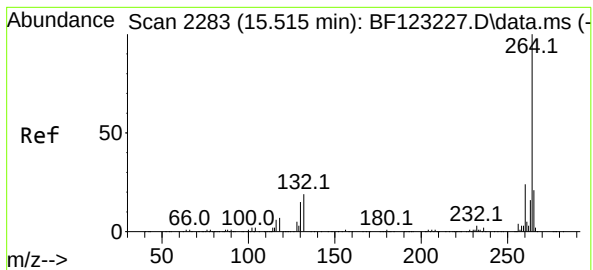
Tgt Ion:240 Resp: 447358
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 74.70 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123310.D
Acq: 26 Feb 2021 19:16

Tgt Ion:244 Resp: 1737871
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF123310.D
 Acq: 26 Feb 2021 19:16

Instrument :
 BNA_F
 ClientSampleId :
 WA-CON

Tgt Ion:264	Resp: 424116
Ion Ratio	Lower Upper
264	100
260	24.1 18.6 28.0
265	20.7 17.0 25.6

