

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123307.D
 Acq On : 26 Feb 2021 17:39
 Operator : JU/CG
 Sample : M1501-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-3-7-WC

Quant Time: Feb 26 23:26:56 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)

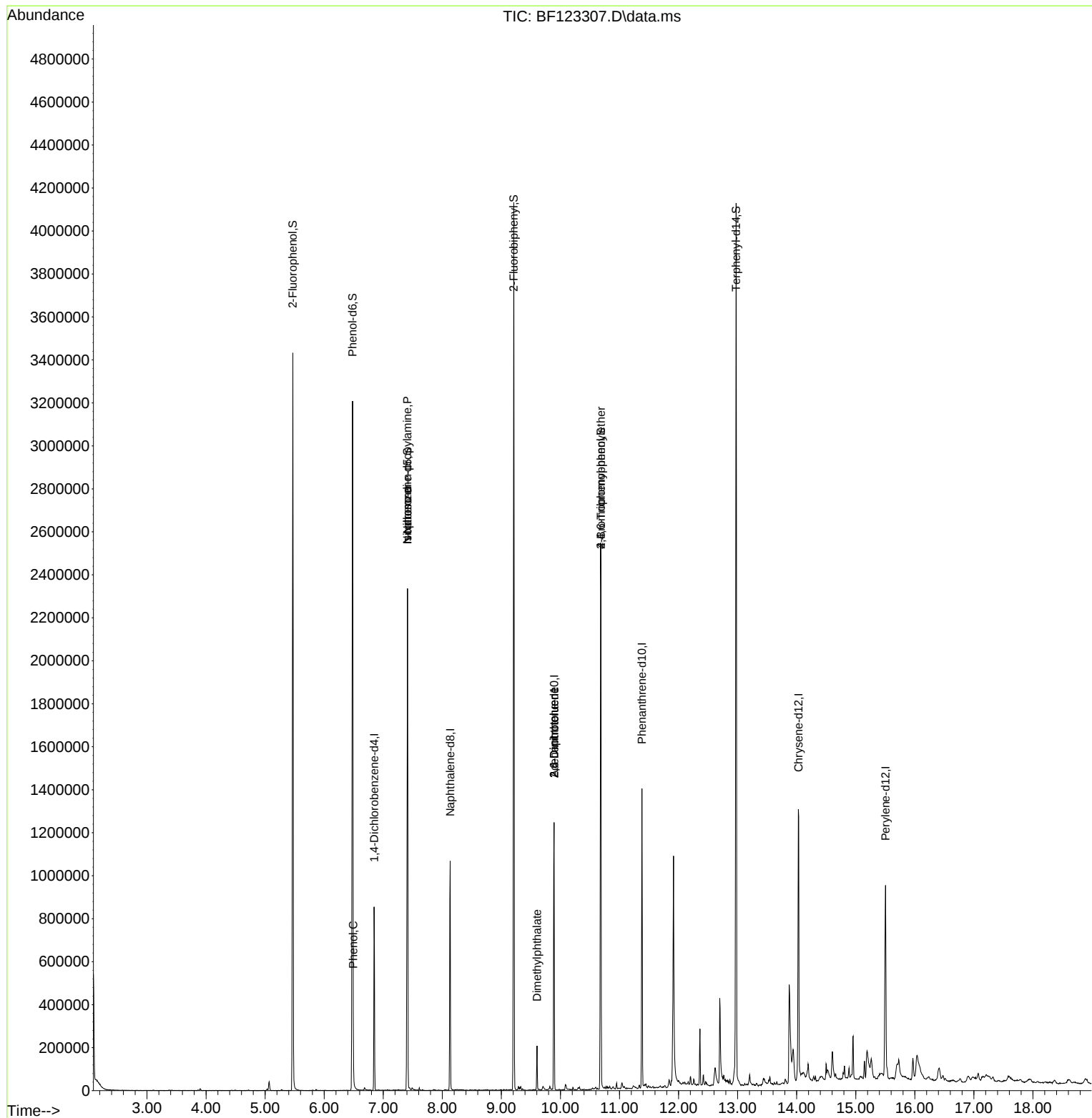
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	105688	20.00	ng	#-0.01
21) Naphthalene-d8	8.133	136	432029	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	227182	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	434623	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	394969	20.00	ng	-0.01
86) Perylene-d12	15.504	264	378512	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	858779	116.96	ng	0.00
7) Phenol-d6	6.481	99	1143032	114.59	ng	-0.01
23) Nitrobenzene-d5	7.410	82	754593	79.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	268283	115.97	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1105541	69.90	ng	-0.01
79) Terphenyl-d14	12.974	244	1193918	58.13	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	2472	Below Cal	#	1
10) Phenol	6.492	94	34888	3.21	ng	97
19) n-Nitroso-di-n-propyla...	7.410	70	104383	17.59	ng	# 80
25) Isophorone	7.410	82	750862	42.55	ng	# 65
50) Dimethylphthalate	9.604	163	62827	3.70	ng	100
51) 2,6-Dinitrotoluene	9.892	165	29159	7.45	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	29159	5.54	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	20647	4.36	ng	# 1

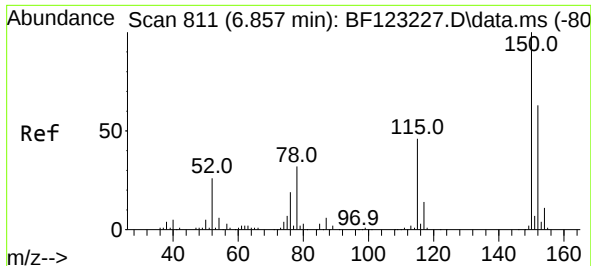
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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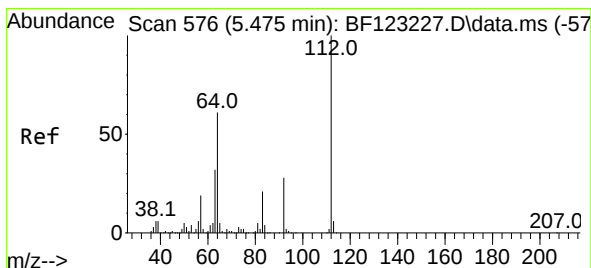
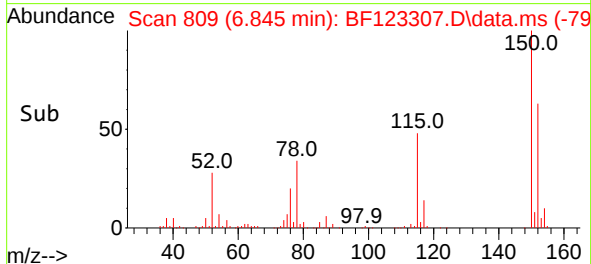
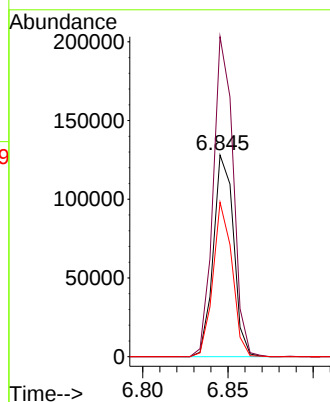
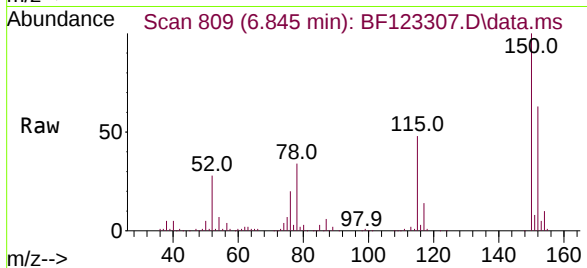




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

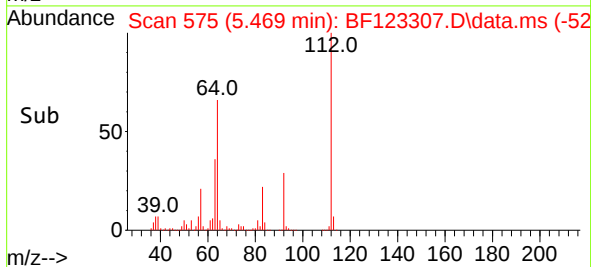
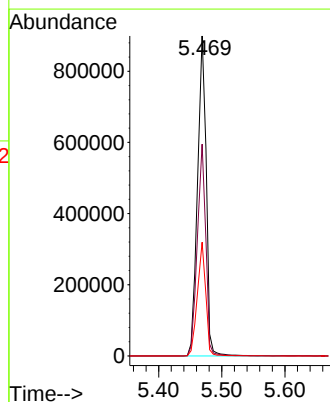
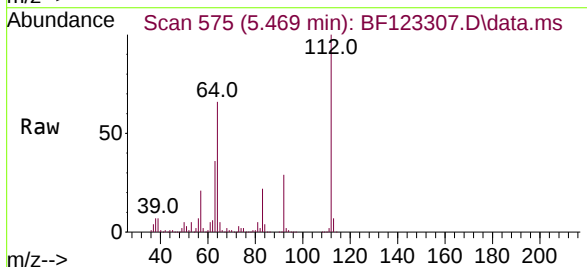
Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

Tgt Ion:152 Resp: 105688
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 76.6 49.3 73.9#



#5
2-Fluorophenol
Concen: 116.96 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion:112 Resp: 858779
Ion Ratio Lower Upper
112 100
64 66.2 46.9 70.3
63 35.5 24.5 36.7

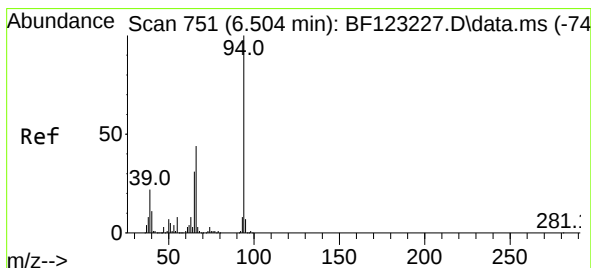
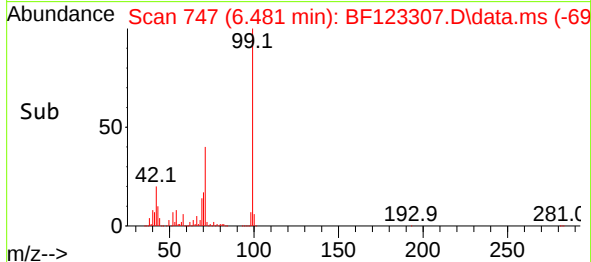
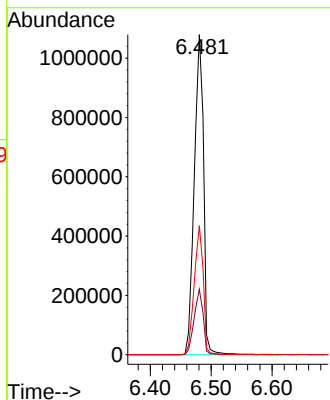
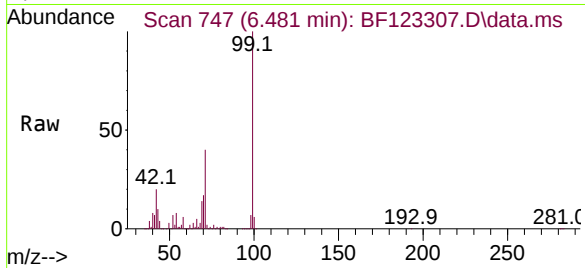




#7
Phenol-d6
Concen: 114.59 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

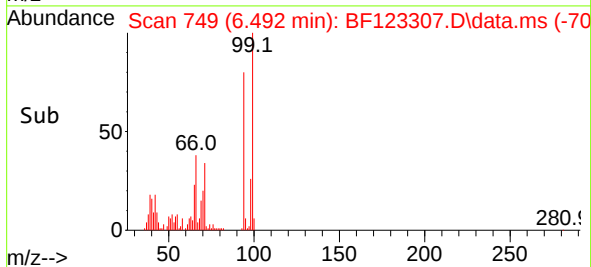
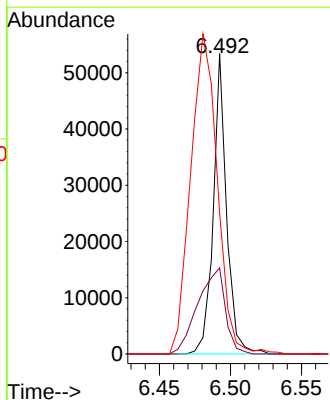
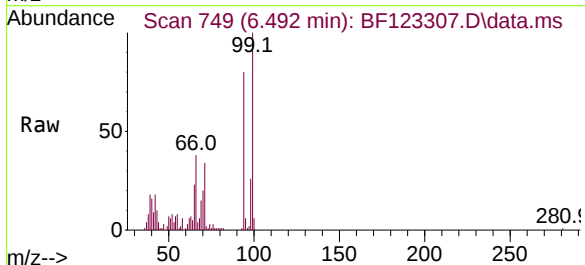
Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

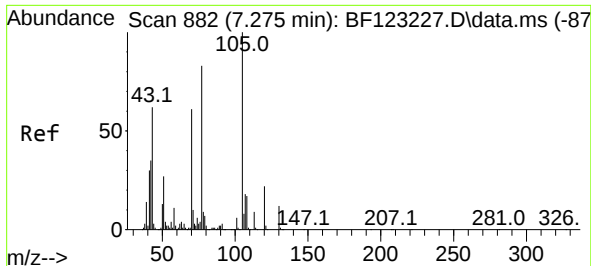
Tgt Ion: 99 Resp: 1143032
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 40.3 26.9 40.3



#10
Phenol
Concen: 3.21 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

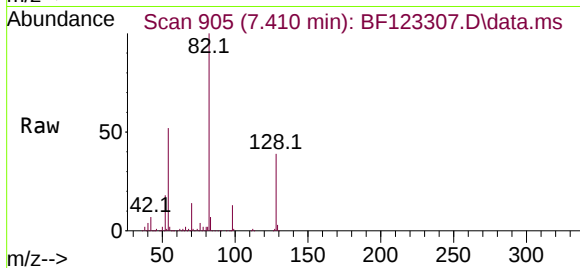
Tgt Ion: 94 Resp: 34888
Ion Ratio Lower Upper
94 100
65 28.7 11.2 51.2
66 46.8 25.8 65.8



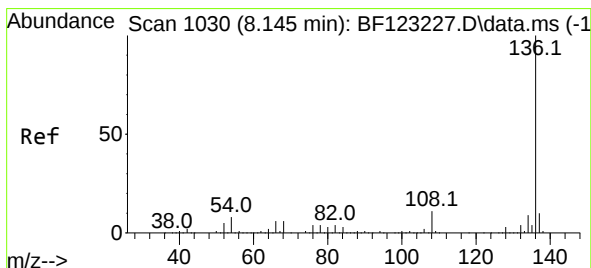
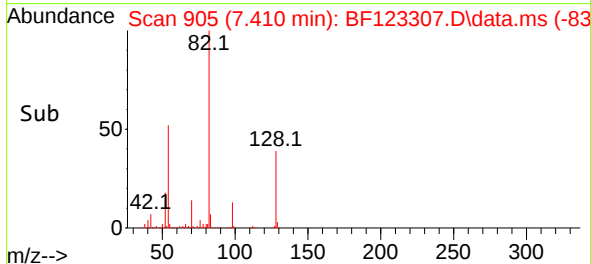
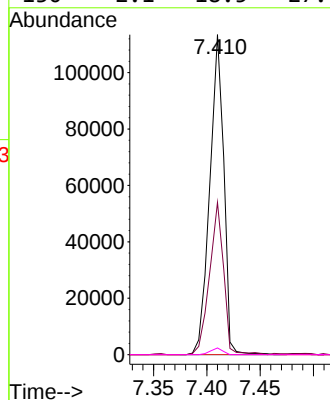


#19
n-Nitroso-di-n-propylamine
Concen: 17.59 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

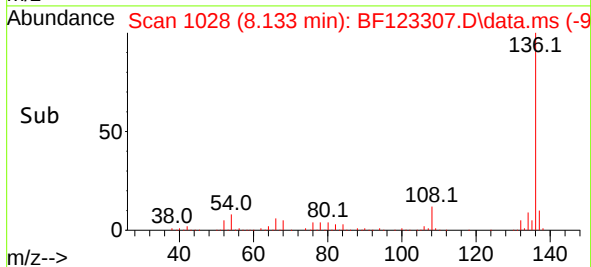
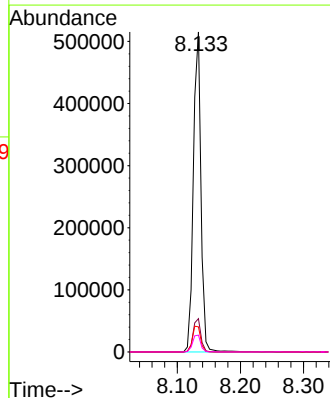
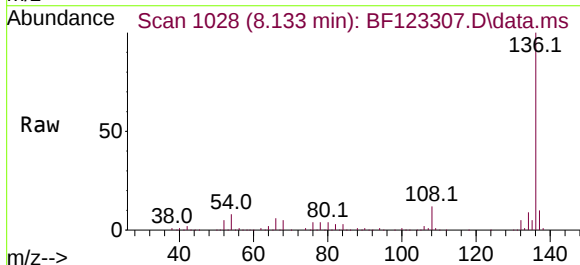


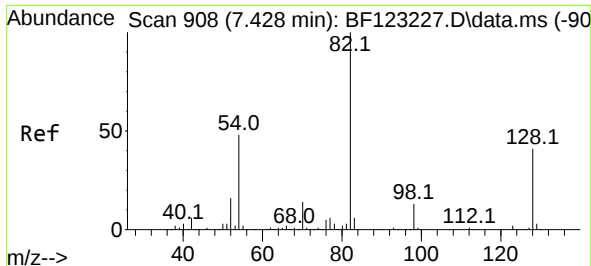
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.8	5.5	8.3
68	5.3	4.6	6.8

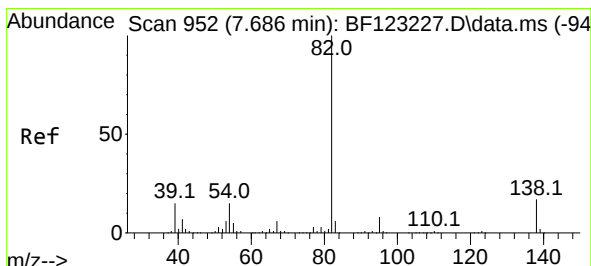
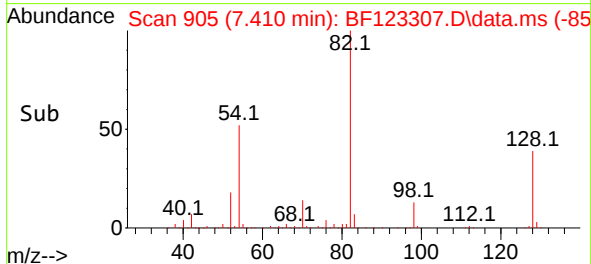
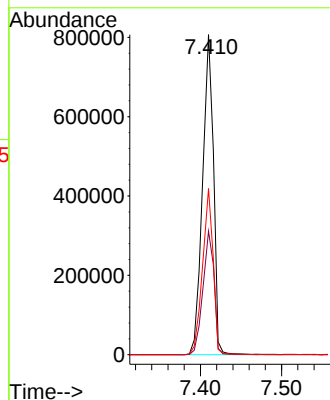
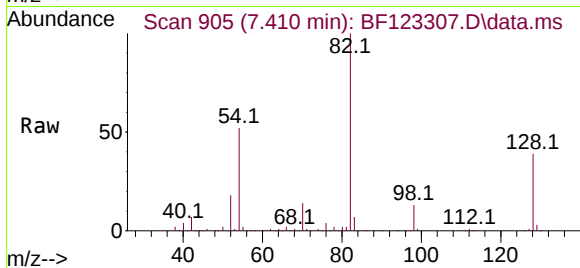




#23
Nitrobenzene-d5
Concen: 79.95 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

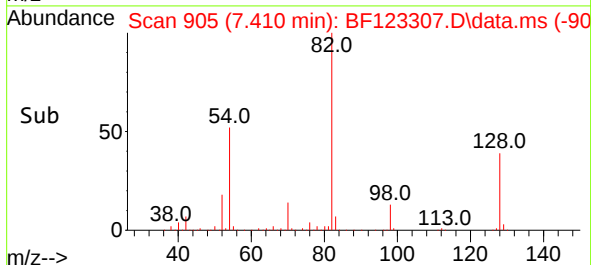
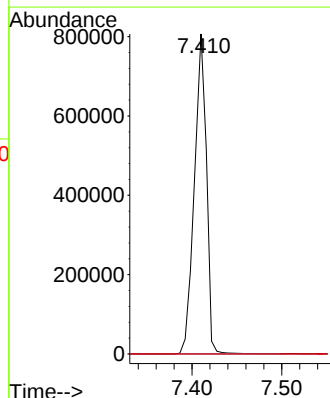
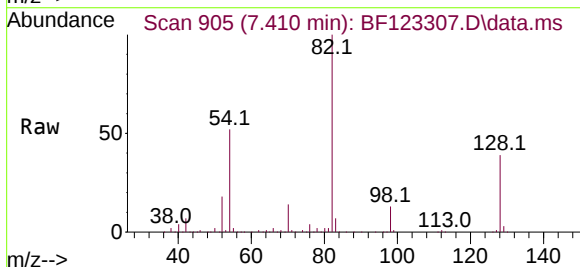
Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

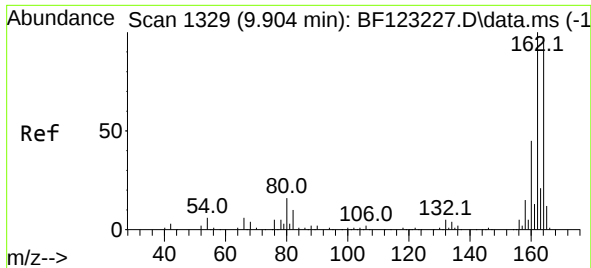
Tgt Ion: 82 Resp: 754593
Ion Ratio Lower Upper
82 100
128 38.6 37.0 55.4
54 51.9 38.4 57.6



#25
Isophorone
Concen: 42.55 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.276 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion: 82 Resp: 750862
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

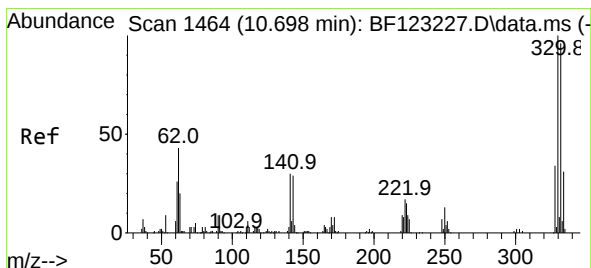
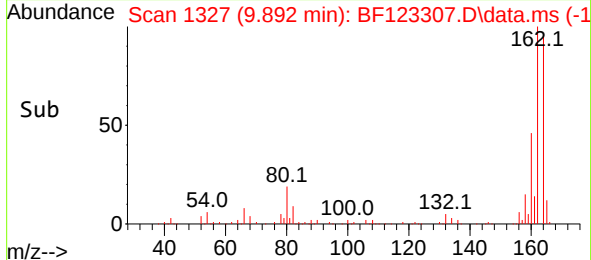
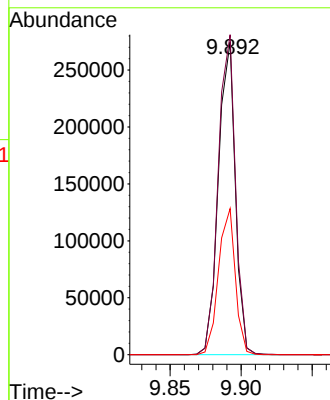
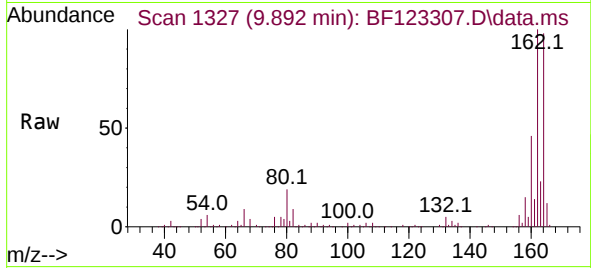




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

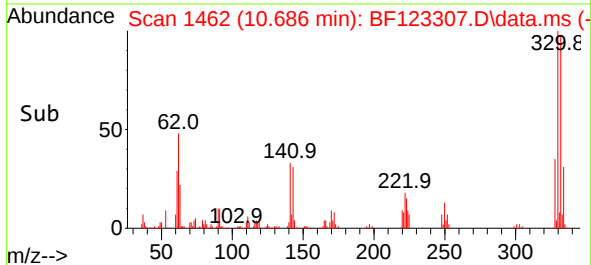
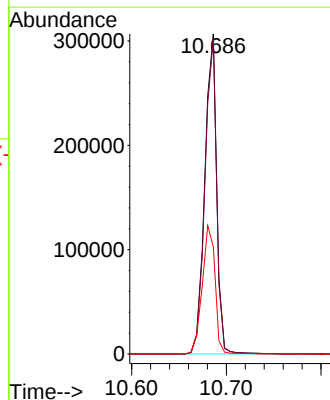
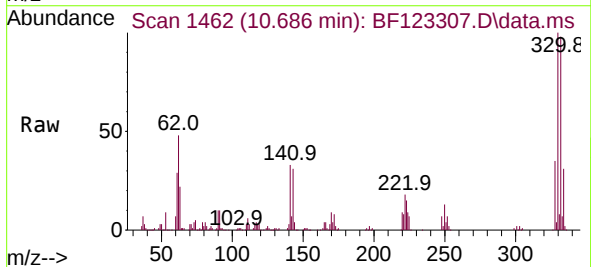
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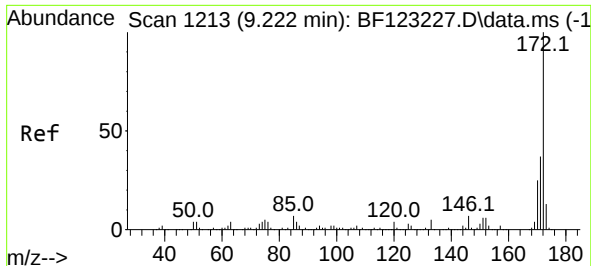
Tgt Ion:164 Resp: 227182
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 46.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 115.97 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion:330 Resp: 268283
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 43.2 23.8 35.8#

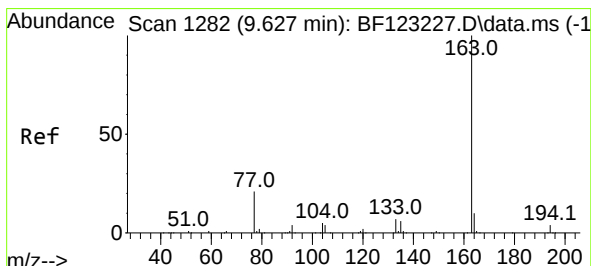
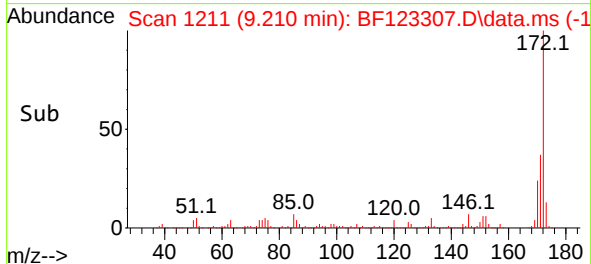
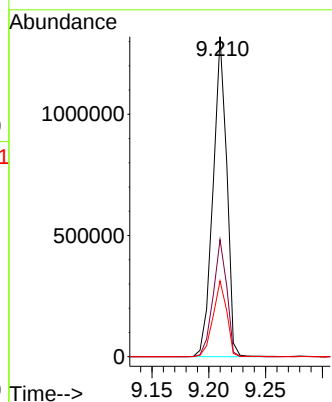
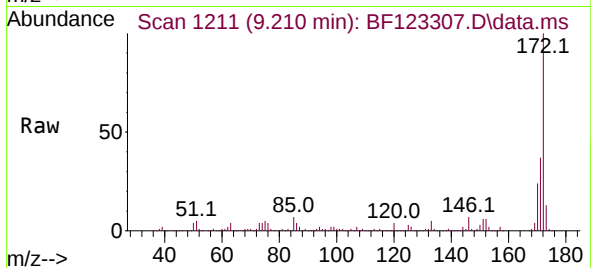




#45
2-Fluorobiphenyl
Concen: 69.90 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

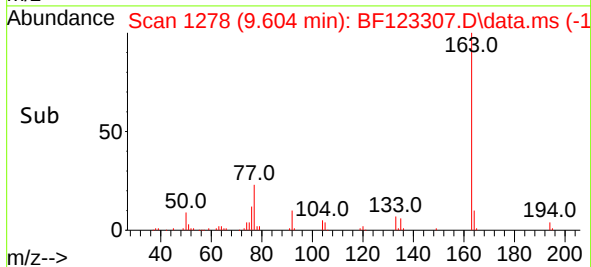
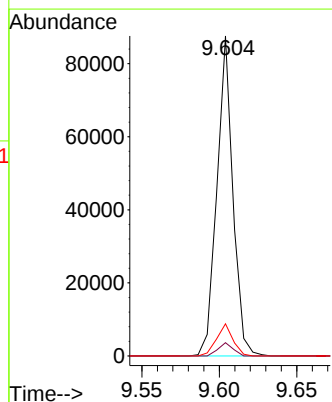
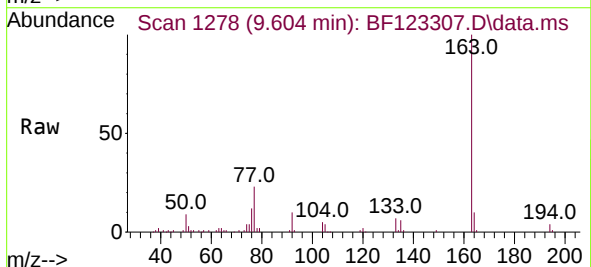
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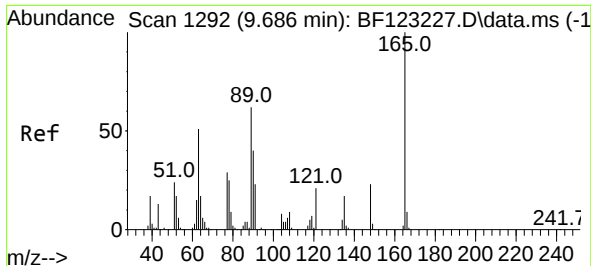
Tgt Ion:172 Resp: 1105541
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 3.70 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.024 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion:163 Resp: 62827
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1

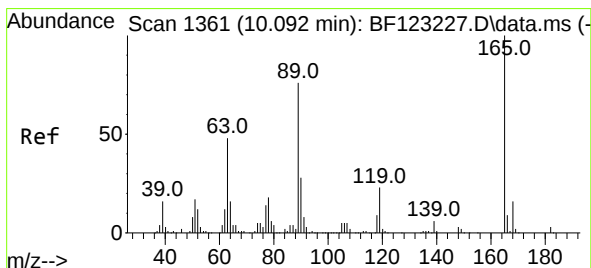
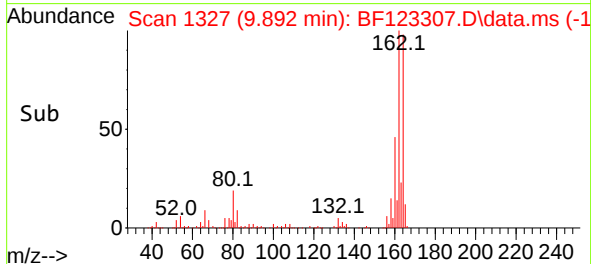
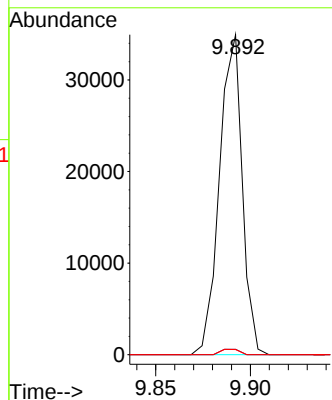
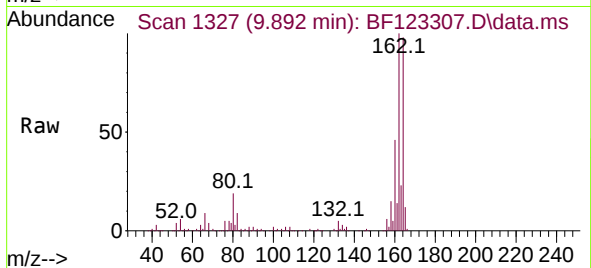




#51
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

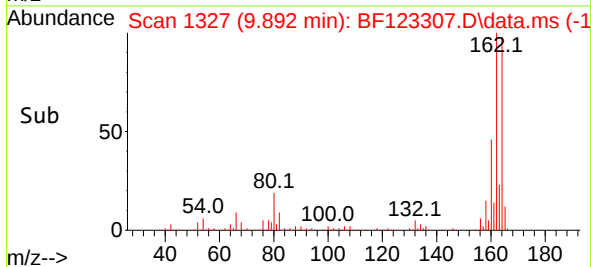
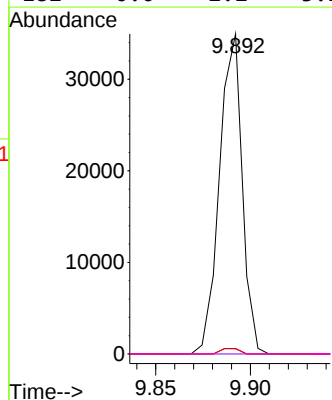
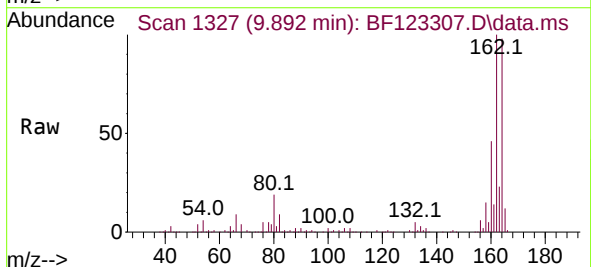
Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

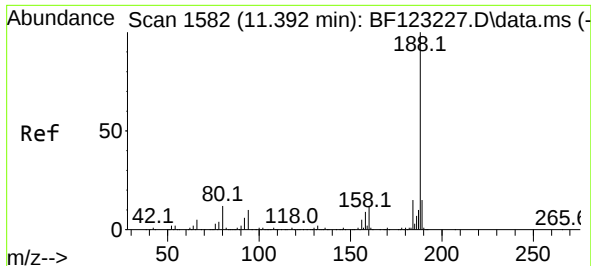
Tgt Ion:165 Resp: 29159
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion:165 Resp: 29159
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

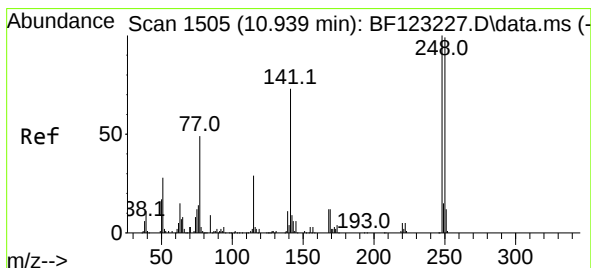
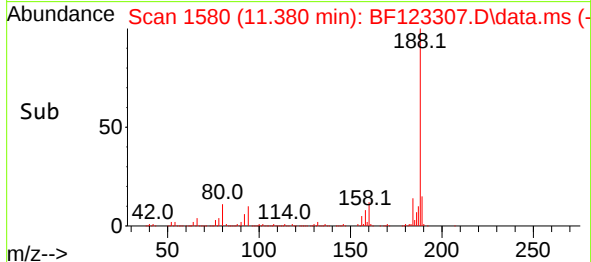
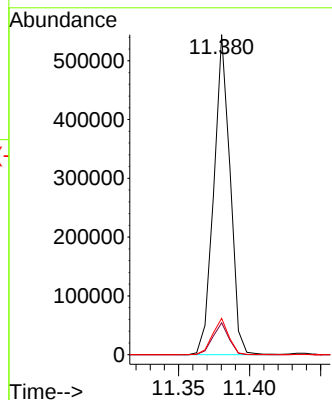
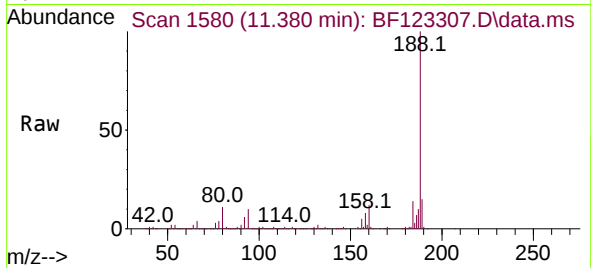




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

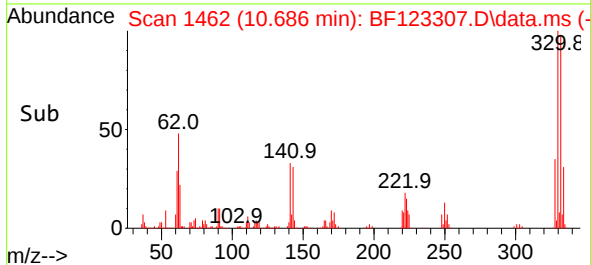
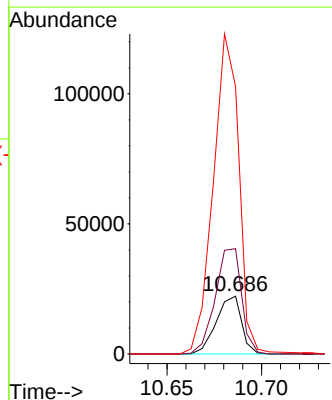
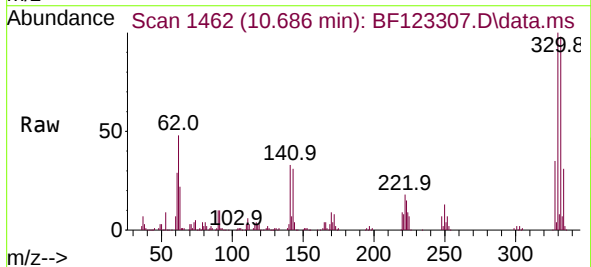
Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC

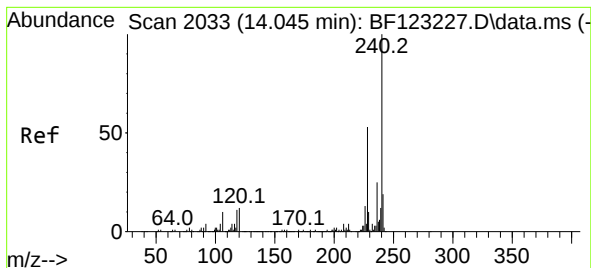
Tgt Ion:188 Resp: 434623
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Tgt Ion:248 Resp: 20647
Ion Ratio Lower Upper
248 100
250 182.1 76.8 115.2#
141 462.1 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: BF123307.D

Acq: 26 Feb 2021 17:39

Tgt Ion:240 Resp: 394969

Ion Ratio Lower Upper

240 100

120 9.3 8.6 12.8

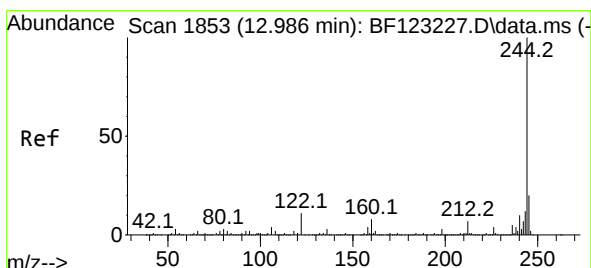
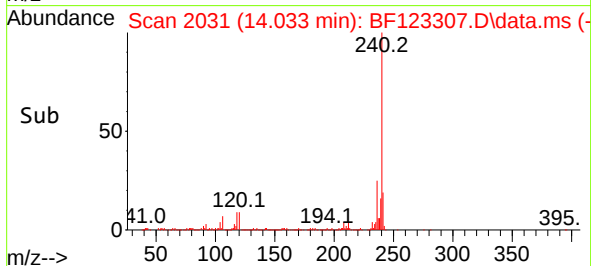
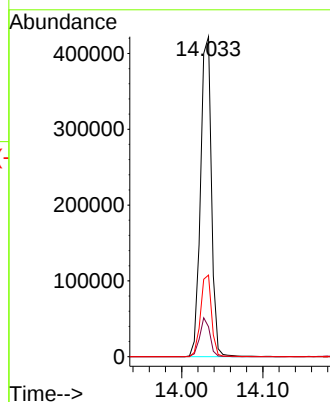
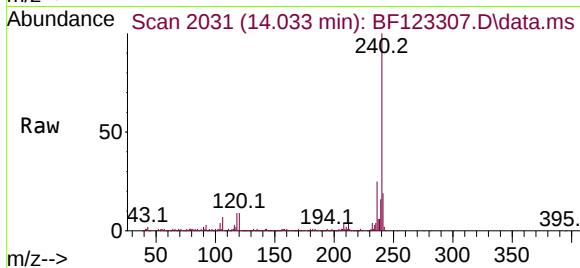
236 25.5 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

R-LA-3-7-WC



#79

Terphenyl-d14

Concen: 58.13 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF123307.D

Acq: 26 Feb 2021 17:39

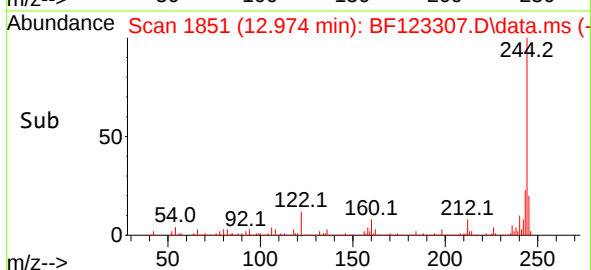
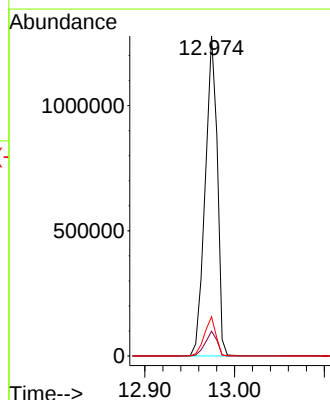
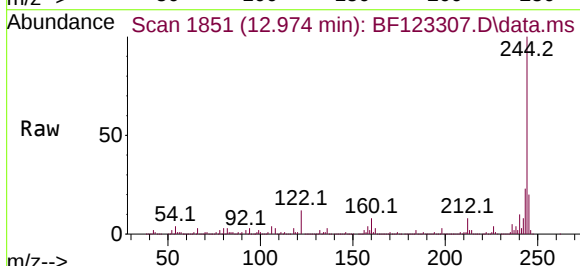
Tgt Ion:244 Resp: 1193918

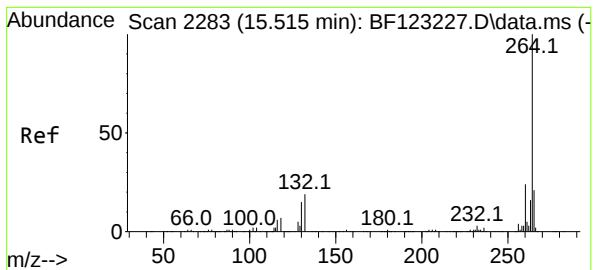
Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

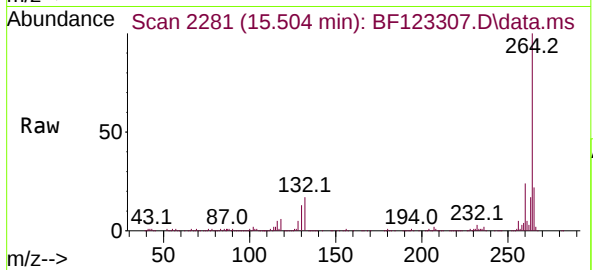
122 12.3 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF123307.D
Acq: 26 Feb 2021 17:39

Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WC



Tgt Ion:264 Resp: 378512

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.5	17.0	25.6

