

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123242.D
 Acq On : 20 Feb 2021 11:42
 Operator : JU/CG
 Sample : PB134739BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134747TB

Quant Time: Feb 22 03:15:18 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)

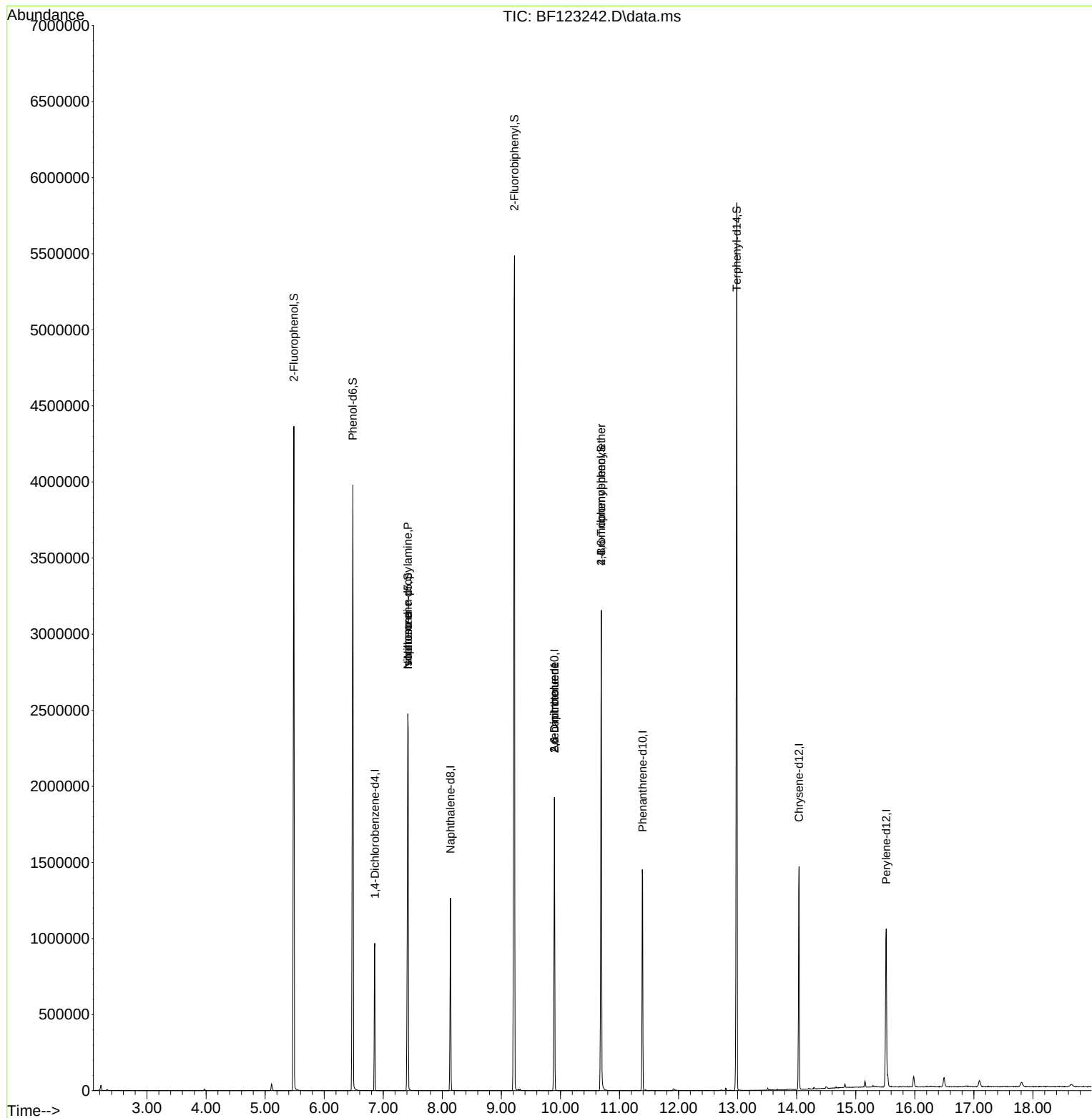
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	139127	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	556277	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	368199	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	553736	20.00	ng	0.00
76) Chrysene-d12	14.039	240	484829	20.00	ng	0.00
86) Perylene-d12	15.515	264	472509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1213344	125.53	ng	0.01
7) Phenol-d6	6.487	99	1555264	118.44	ng	0.00
23) Nitrobenzene-d5	7.416	82	1026133	84.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	365593	97.51	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1967410	76.75	ng	0.00
79) Terphenyl-d14	12.986	244	1843188	73.10	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	2622	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	141452	18.11	ng	# 80
25) Isophorone	7.416	82	1016179	44.72	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	47477	7.48	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	47477	5.56	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	25765	4.27	ng	# 1

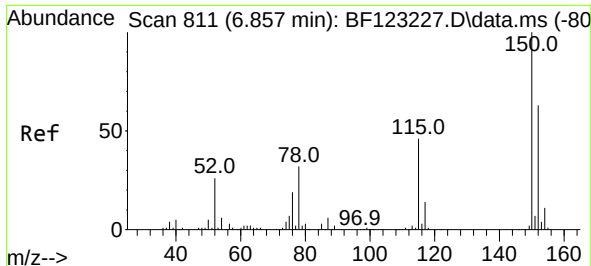
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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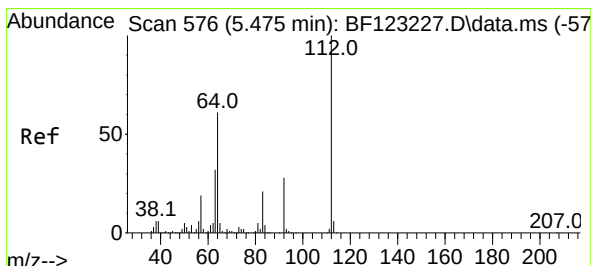
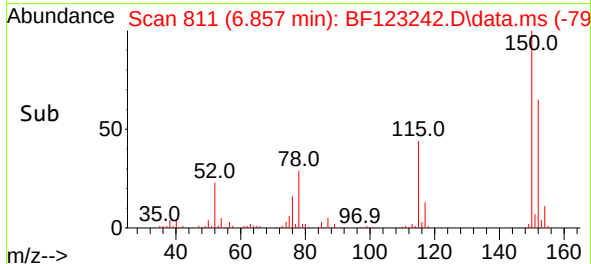
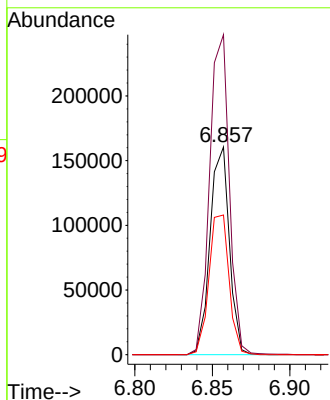
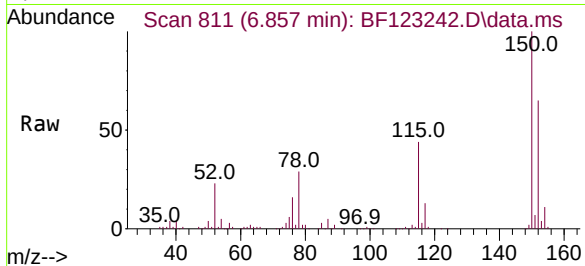




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

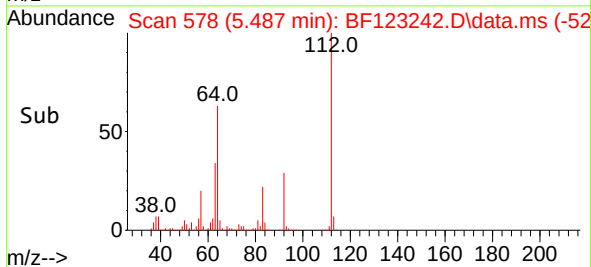
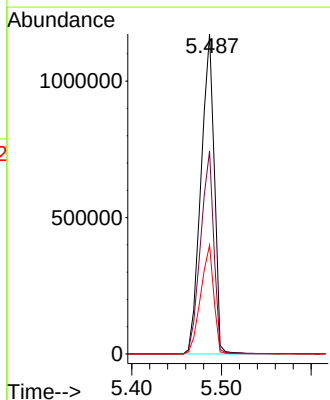
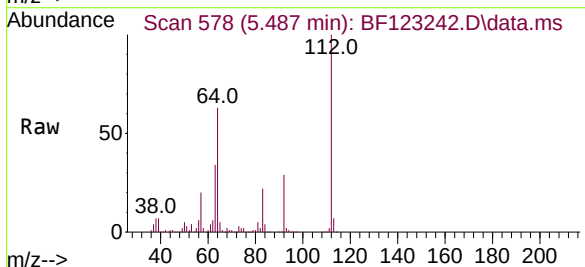
Instrument :
BNA_F
ClientSampleId :
PB134747TB

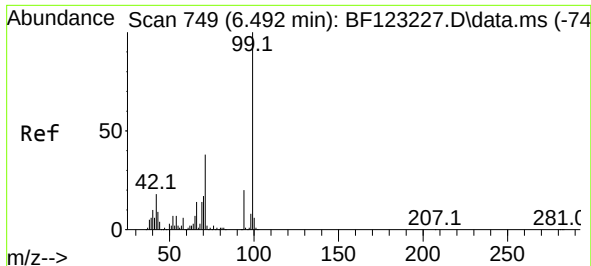
Tgt Ion:152 Resp: 139127
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 67.2 49.3 73.9



#5
2-Fluorophenol
Concen: 125.53 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion:112 Resp: 1213344
Ion Ratio Lower Upper
112 100
64 63.5 46.9 70.3
63 34.0 24.5 36.7



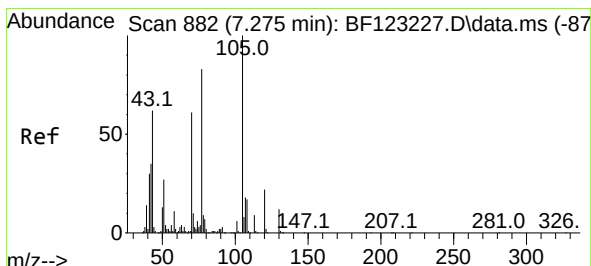
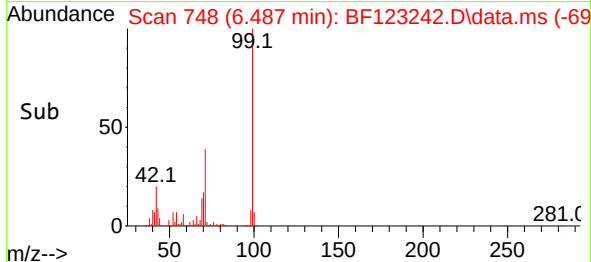
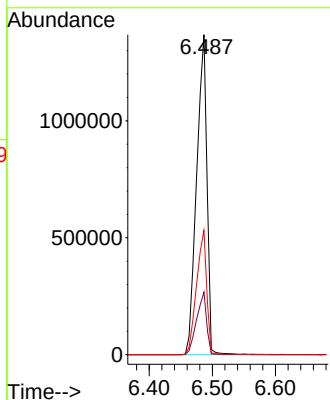
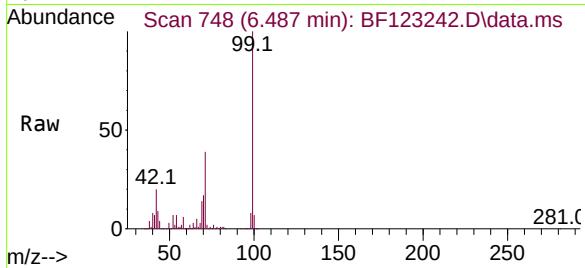


#7
Phenol-d6
Concen: 118.44 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Instrument :
BNA_F
ClientSampleId :
PB134747TB

Tgt Ion: 99 Resp: 1555264

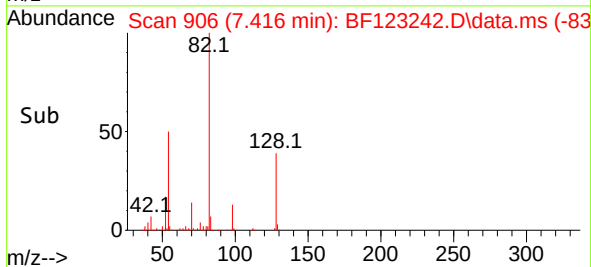
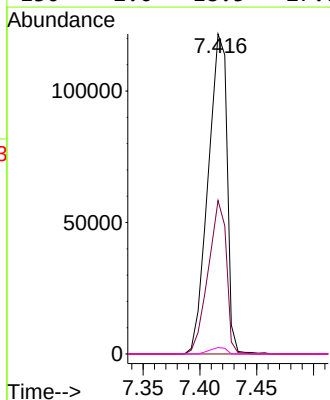
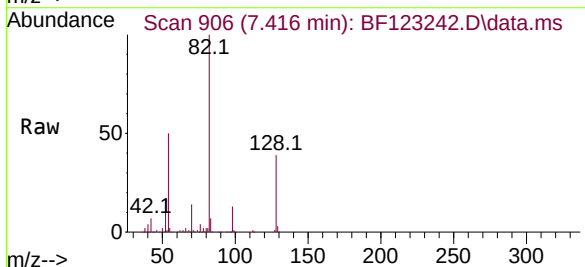
Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.8	20.6
71	38.9	26.9	40.3

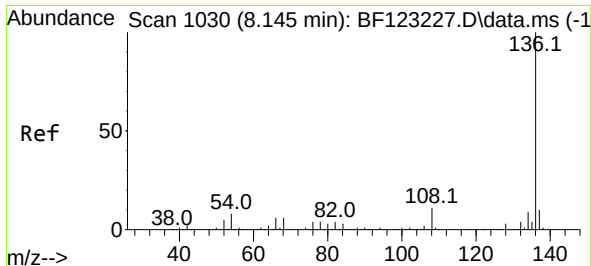


#19
n-Nitroso-di-n-propylamine
Concen: 18.11 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion: 70 Resp: 141452

Ion	Ratio	Lower	Upper
70	100		
42	47.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#

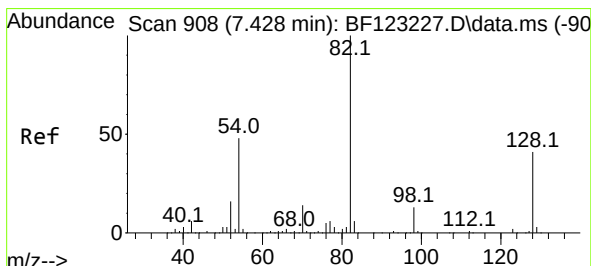
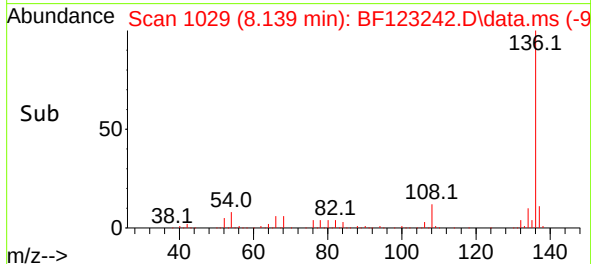
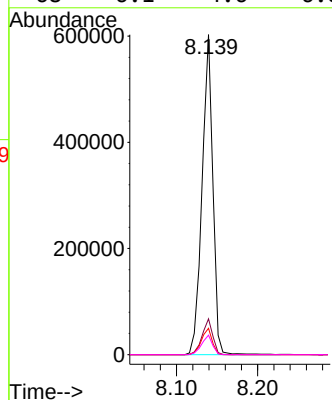
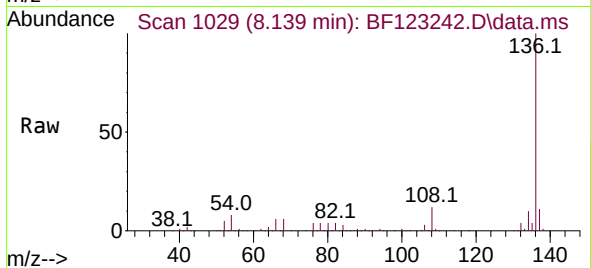




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

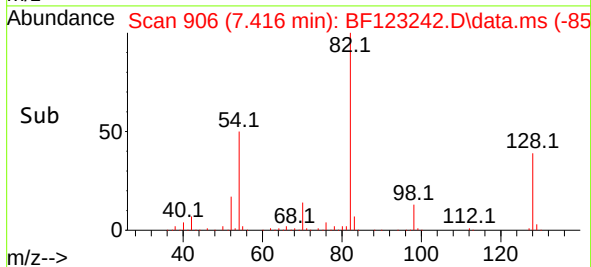
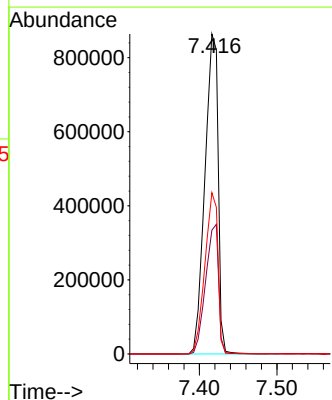
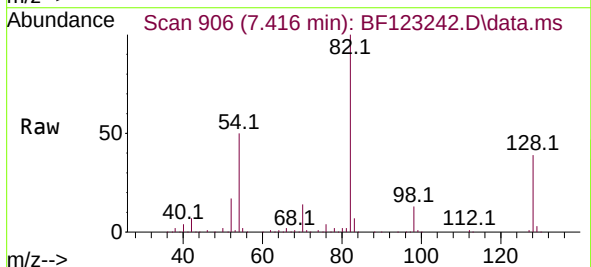
Instrument :
BNA_F
ClientSampleId :
PB134747TB

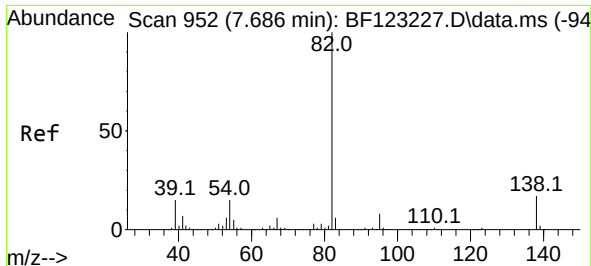
Tgt Ion:136	Resp: 556277
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	8.2 5.5 8.3
68	6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.44 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion: 82	Resp: 1026133
Ion Ratio	Lower Upper
82	100
128	38.7 37.0 55.4
54	50.4 38.4 57.6

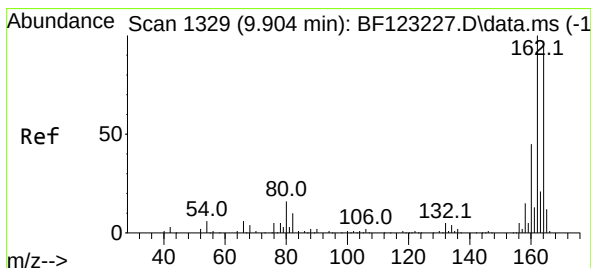
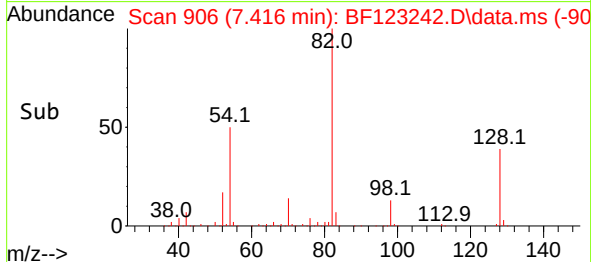
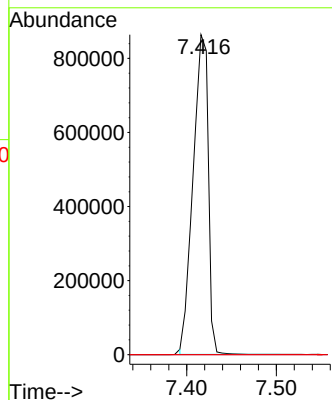
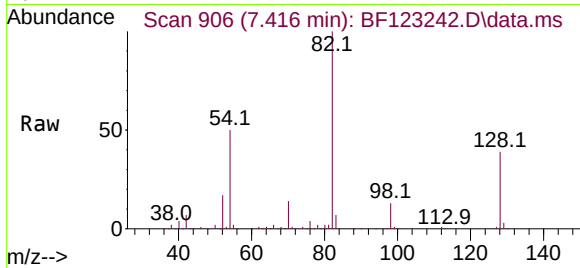




#25
Isophorone
Concen: 44.72 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.270 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

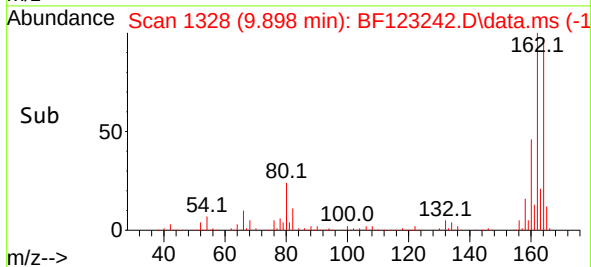
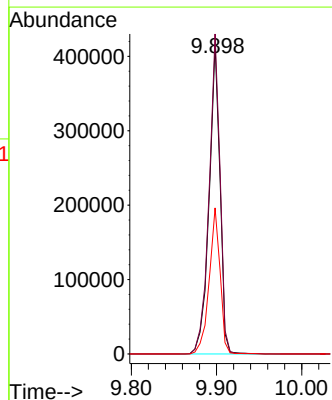
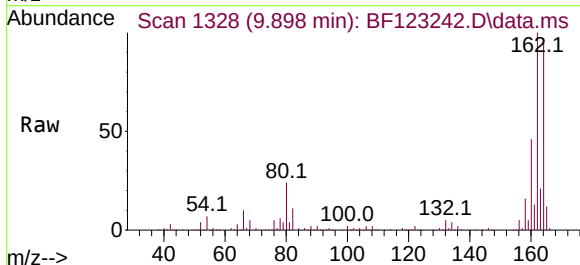
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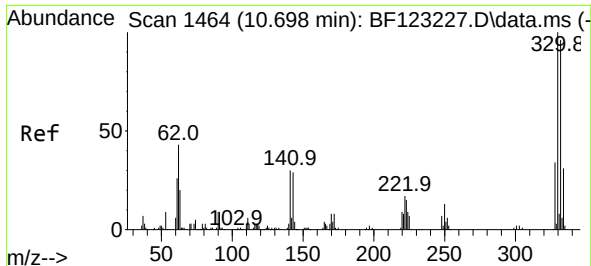
Tgt Ion: 82 Resp: 1016179
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion: 164 Resp: 368199
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 47.2 35.4 53.0

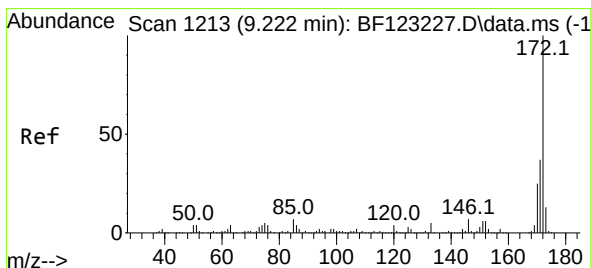
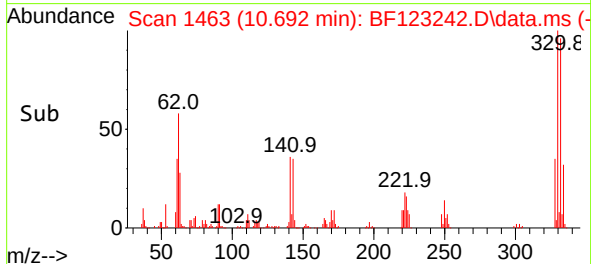
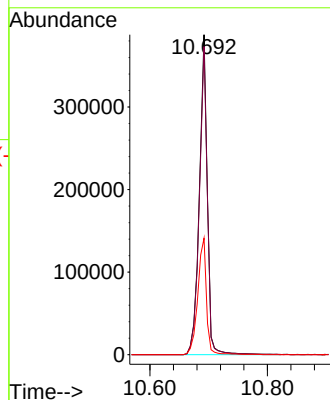
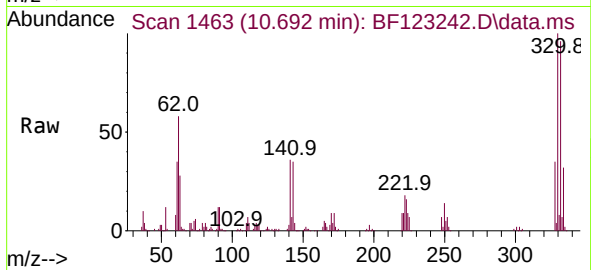




#42
2,4,6-Tribromophenol
Concen: 97.51 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

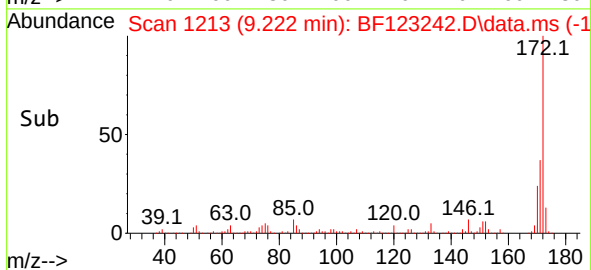
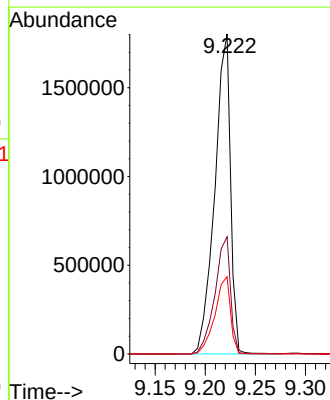
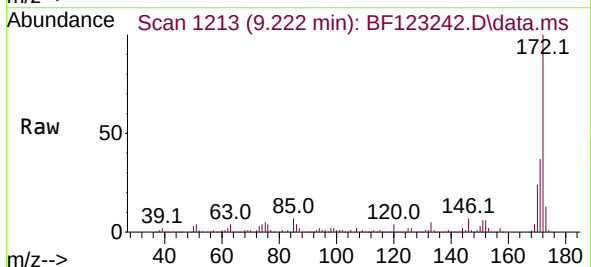
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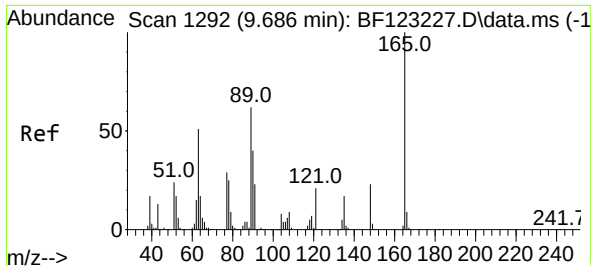
Tgt Ion:330 Resp: 365593
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 39.8 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 76.75 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion:172 Resp: 1967410
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.5 29.3

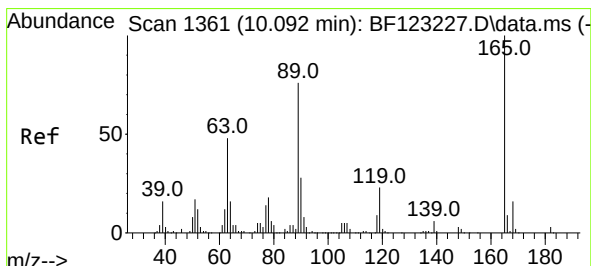
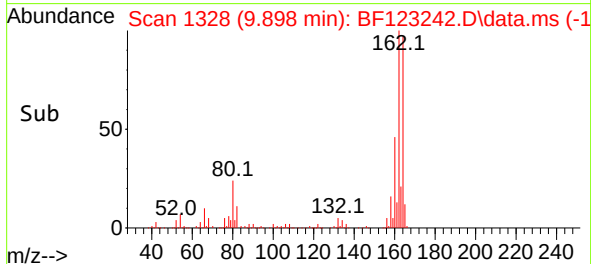
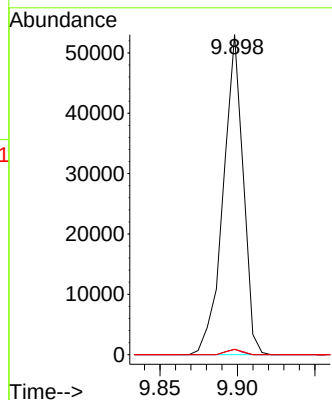
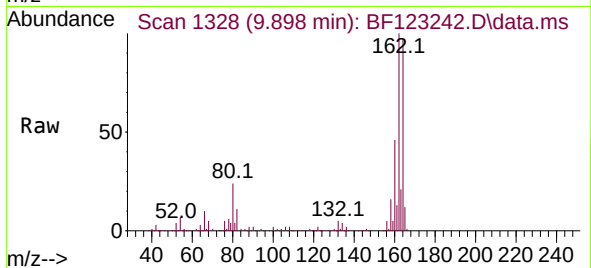




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

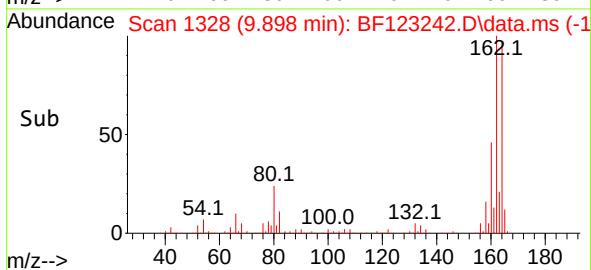
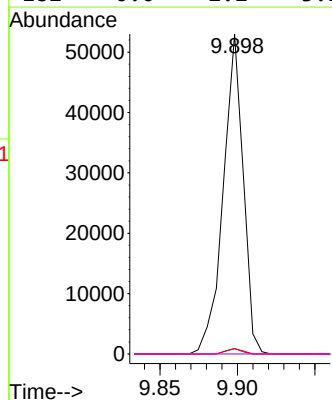
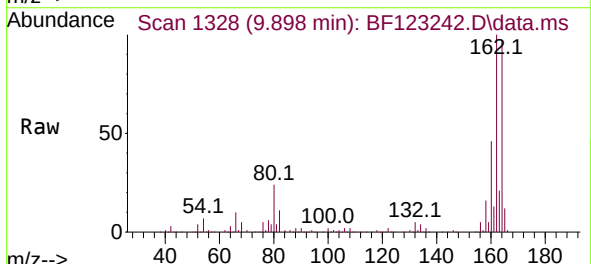
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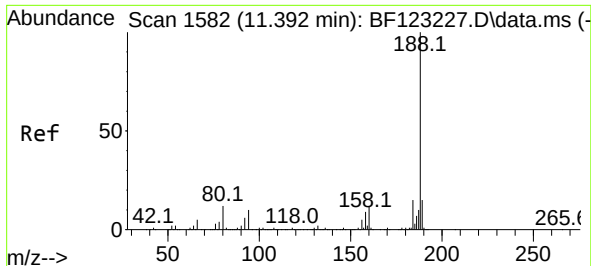
Tgt Ion:165 Resp: 47477
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion:165 Resp: 47477
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

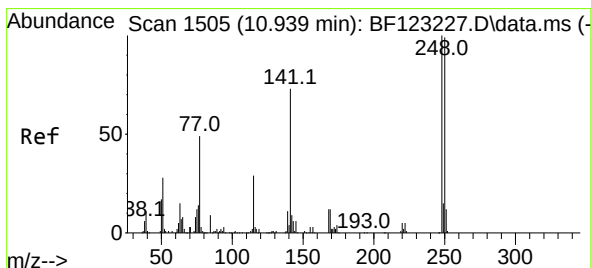
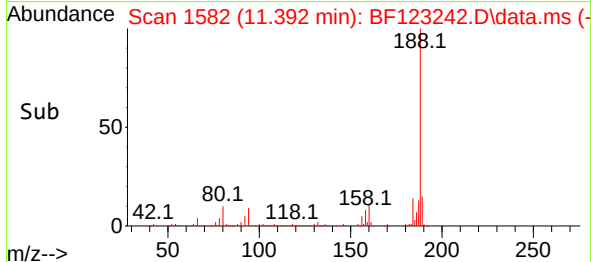
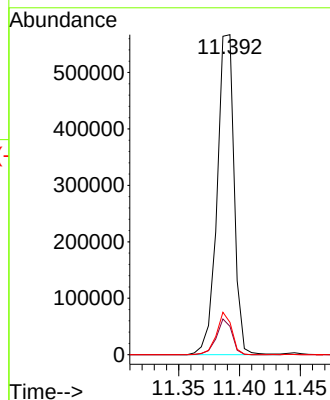
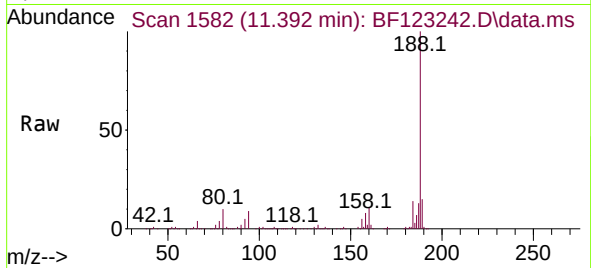




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

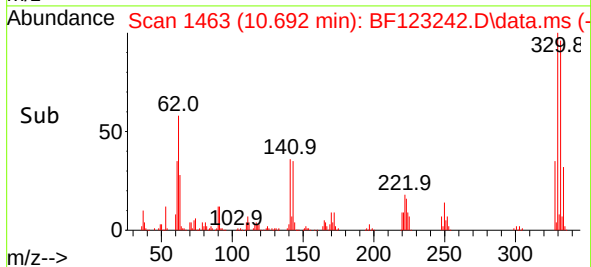
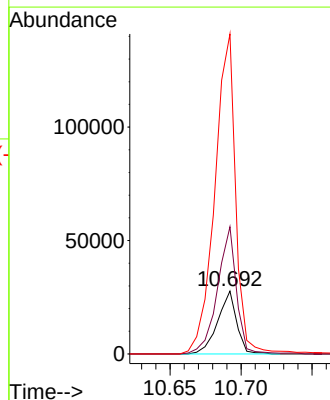
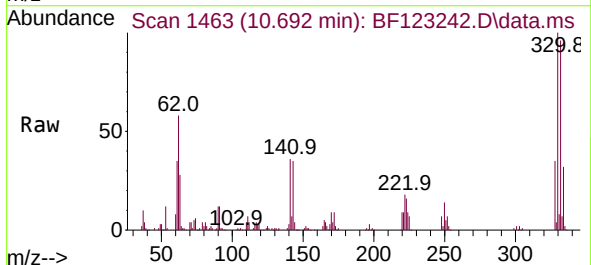
Instrument :
BNA_F
ClientSampleId :
PB134747TB

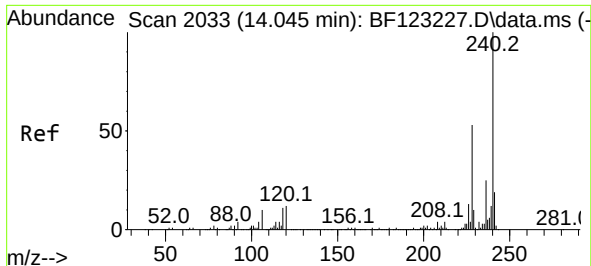
Tgt Ion:188 Resp: 553736
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Tgt Ion:248 Resp: 25765
Ion Ratio Lower Upper
248 100
250 202.5 76.8 115.2#
141 509.3 59.8 89.8#

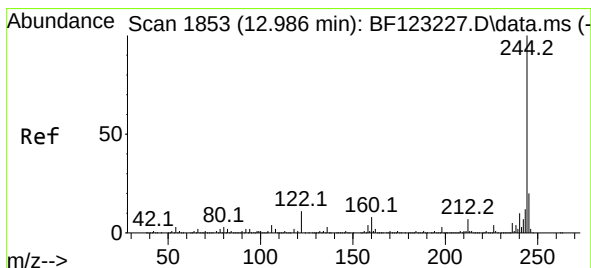
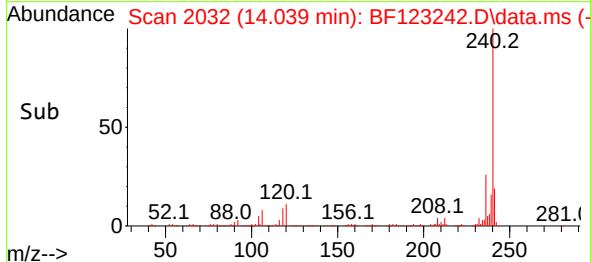
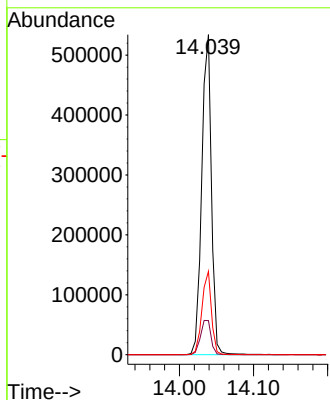
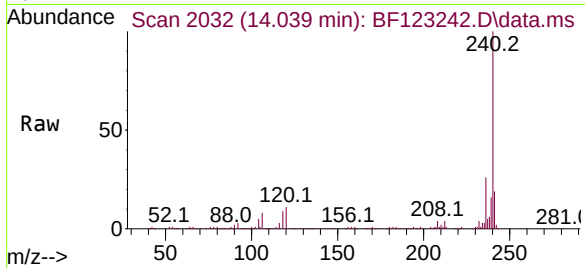




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

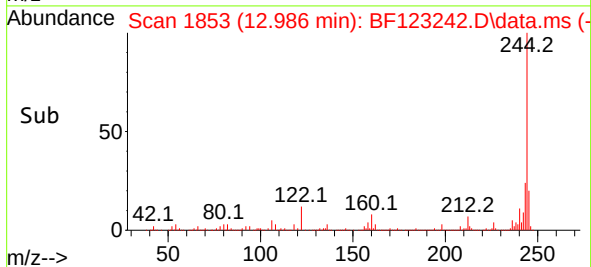
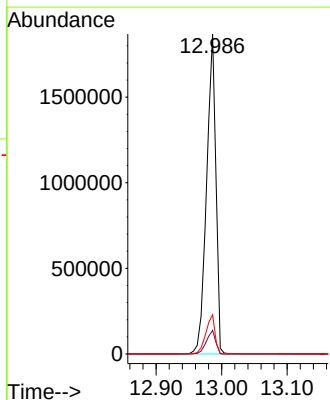
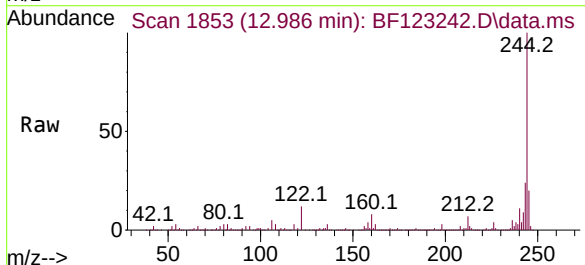
Instrument :
BNA_F
ClientSampleId :
PB134747TB

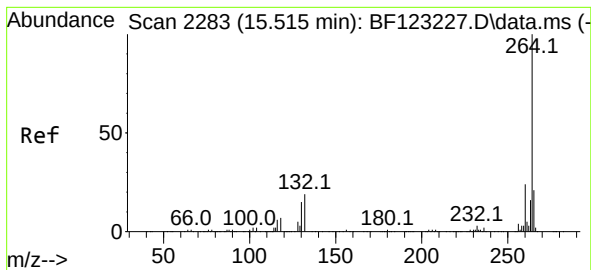
Tgt Ion:240 Resp: 484829
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 73.10 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

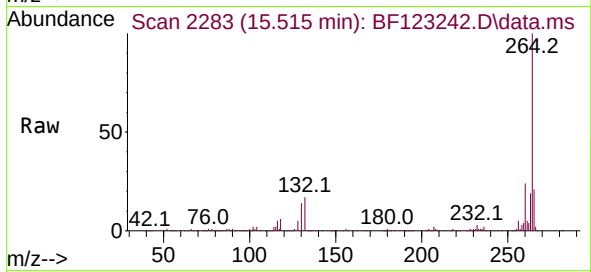
Tgt Ion:244 Resp: 1843188
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.2 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123242.D
Acq: 20 Feb 2021 11:42

Instrument :
BNA_F
ClientSampleId :
PB134747TB



Tgt Ion:264 Resp: 472509

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.2	17.0	25.6

