

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123322.D
 Acq On : 1 Mar 2021 11:38
 Operator : JU/CG
 Sample : PB134844TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134844TB

Quant Time: Mar 01 12:05:01 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)

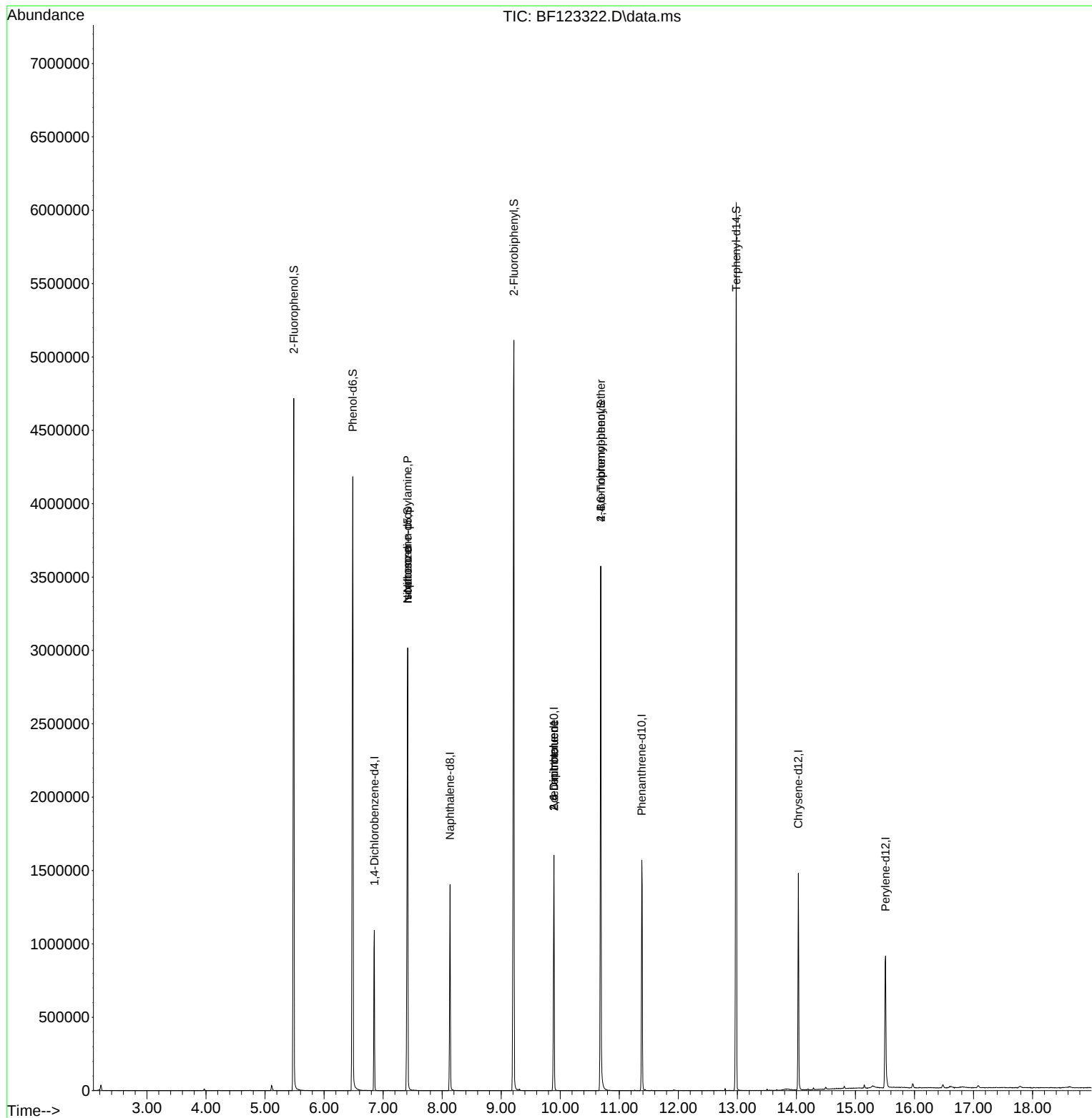
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	146523	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	600529	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	308355	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	583779	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	468438	20.00	ng	-0.01
86) Perylene-d12	15.509	264	420109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1300336	127.74	ng	0.01
7) Phenol-d6	6.486	99	1681723	121.61	ng	0.00
23) Nitrobenzene-d5	7.416	82	1132126	86.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	399973	127.39	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1795212	83.63	ng	0.00
79) Terphenyl-d14	12.980	244	1980678	81.30	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	3185	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	155384	18.89	ng	# 78
25) Isophorone	7.416	82	1119410	45.63	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	40193	7.56	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	40193	5.62	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	28833	4.53	ng	# 1

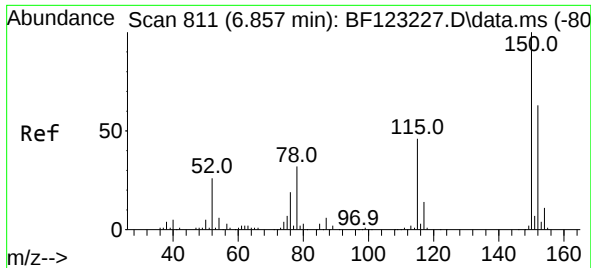
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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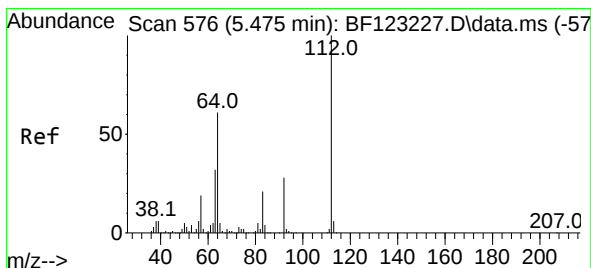
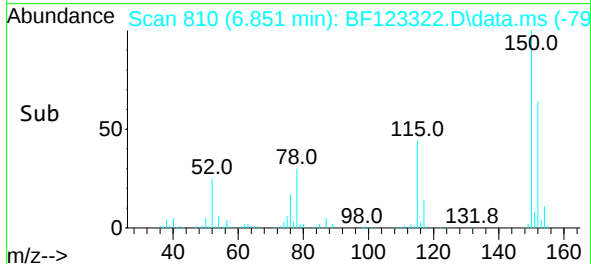
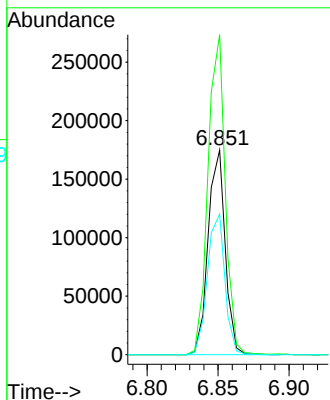
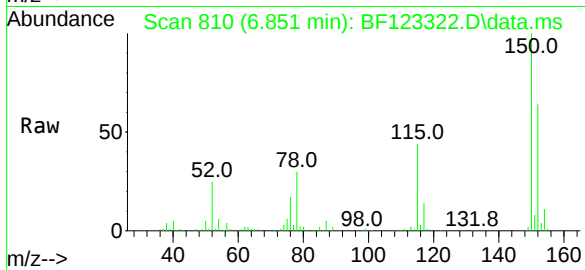




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

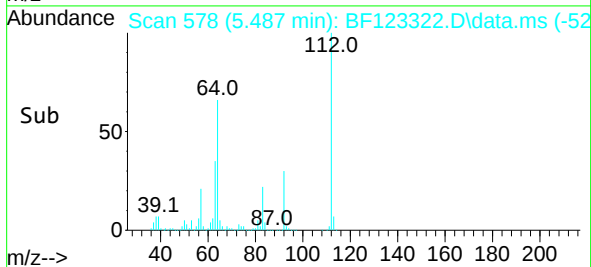
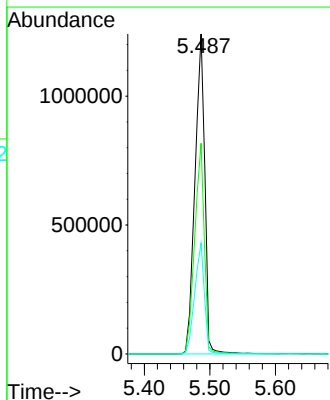
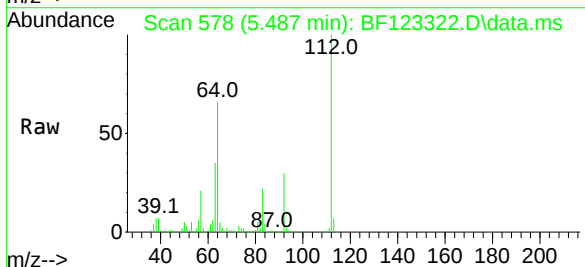
Instrument :
BNA_F
ClientSampleId :
PB134844TB

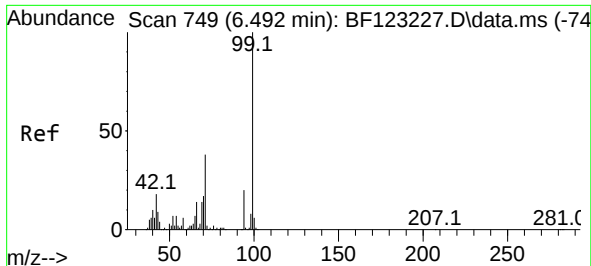
Tgt Ion:152 Resp: 146523
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 68.7 49.3 73.9



#5
2-Fluorophenol
Concen: 127.74 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Tgt Ion:112 Resp: 1300336
Ion Ratio Lower Upper
112 100
64 65.8 46.9 70.3
63 34.7 24.5 36.7



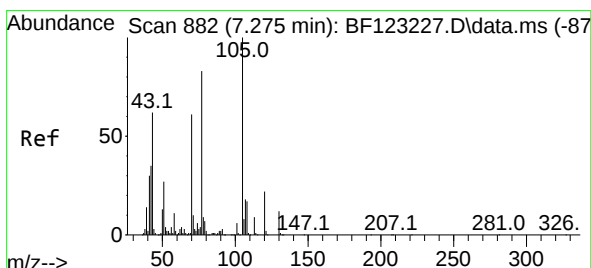
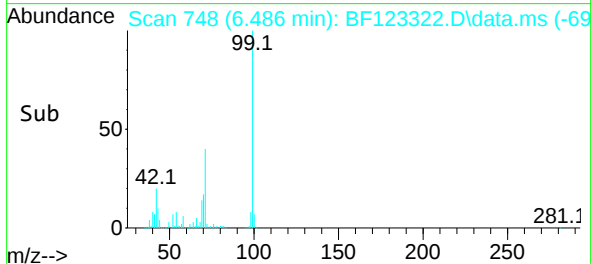
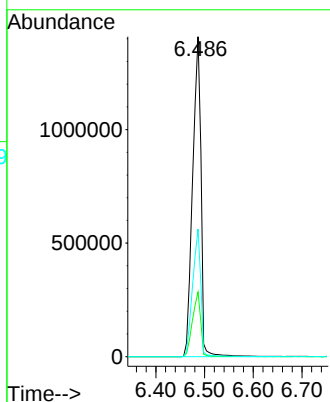
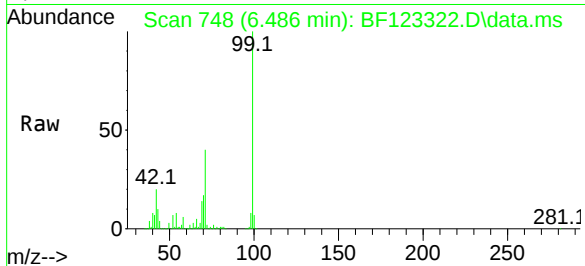


#7
Phenol-d6
Concen: 121.61 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Instrument :
BNA_F
ClientSampleId :
PB134844TB

Tgt Ion: 99 Resp: 1681723

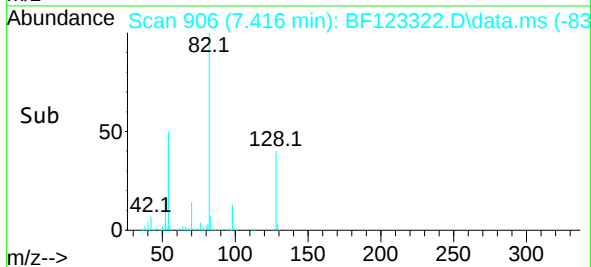
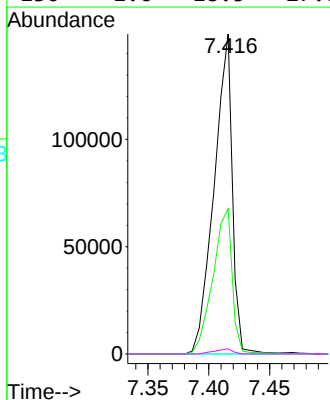
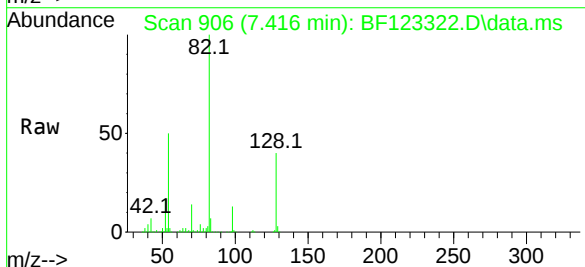
Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.8	20.6
71	39.9	26.9	40.3

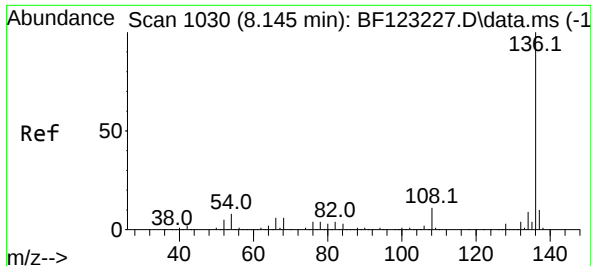


#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Tgt Ion: 70 Resp: 155384

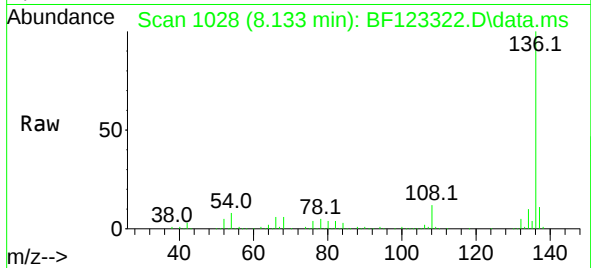
Ion	Ratio	Lower	Upper
70	100		
42	45.3	43.0	64.4
101	0.0	7.9	11.9#
130	1.6	18.5	27.7#





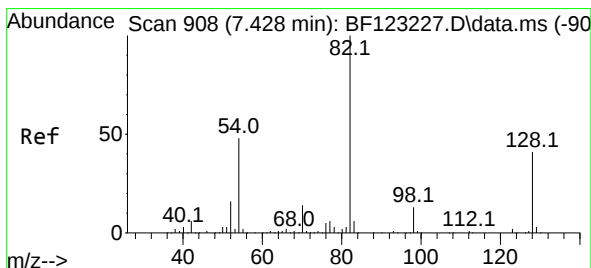
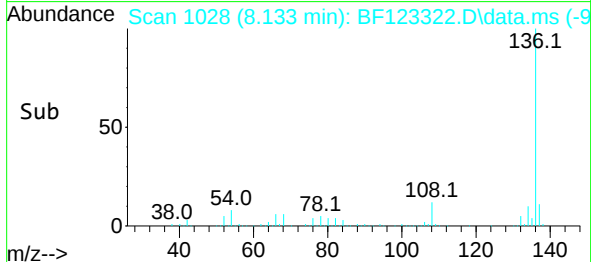
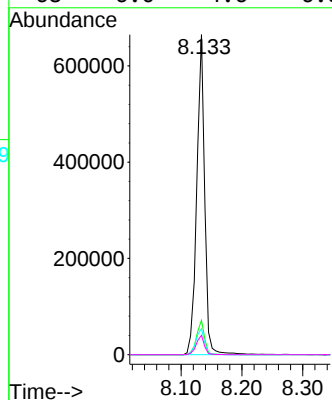
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Instrument :
BNA_F
ClientSampleId :
PB134844TB



Tgt Ion:136 Resp: 600529

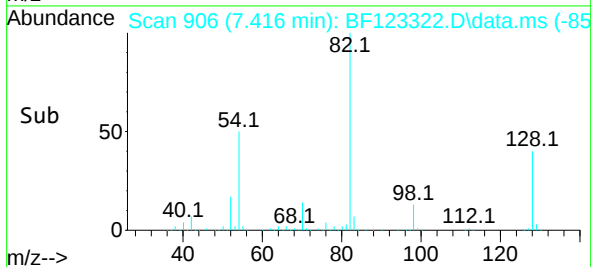
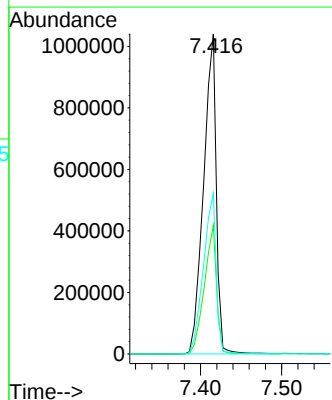
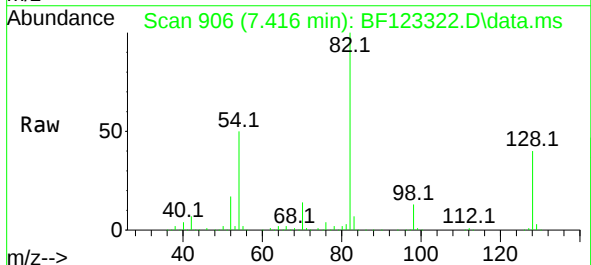
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.5	8.3
68	6.0	4.6	6.8

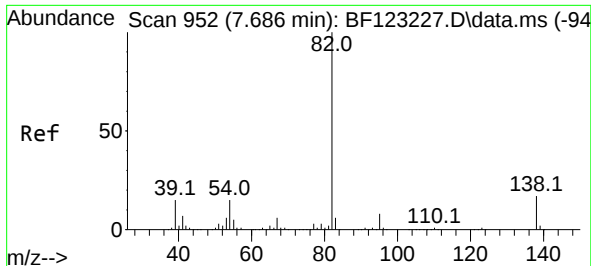


#23
Nitrobenzene-d5
Concen: 86.30 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Tgt Ion: 82 Resp: 1132126

Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.0	55.4
54	50.2	38.4	57.6

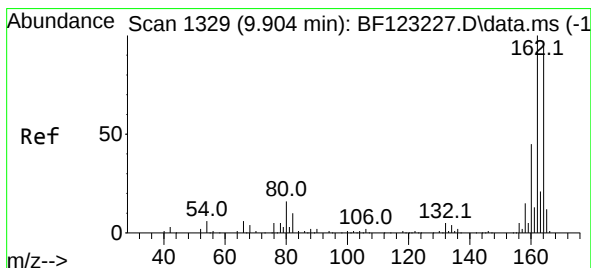
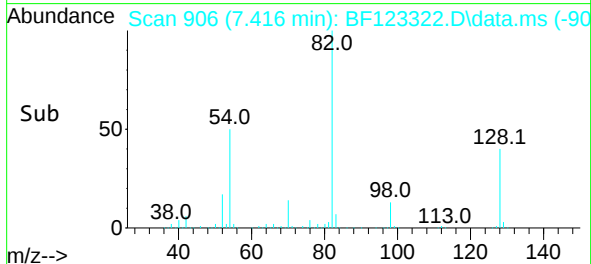
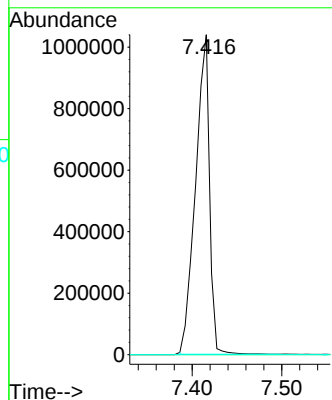
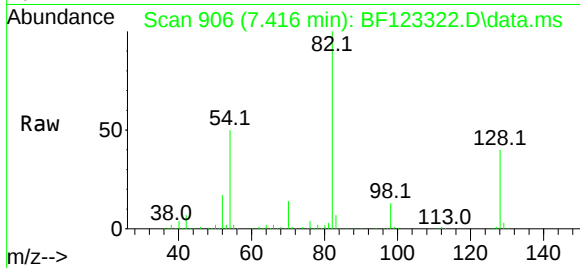




#25
Isophorone
Concen: 45.63 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

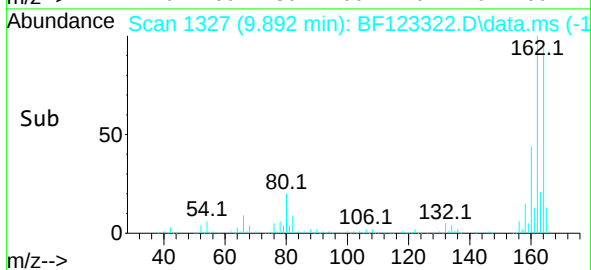
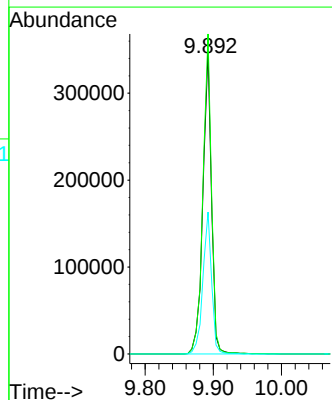
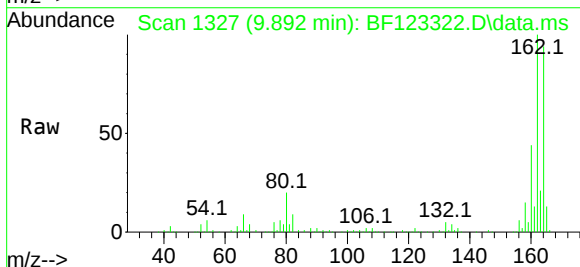
Instrument :
BNA_F
ClientSampleId :
PB134844TB

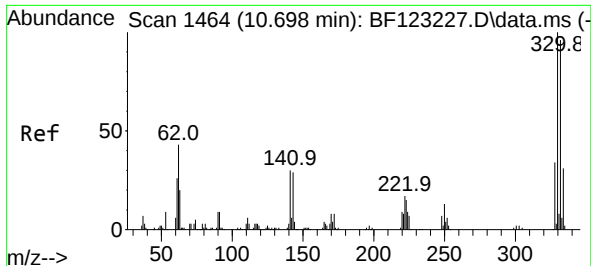
Tgt Ion: 82 Resp: 1119410
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

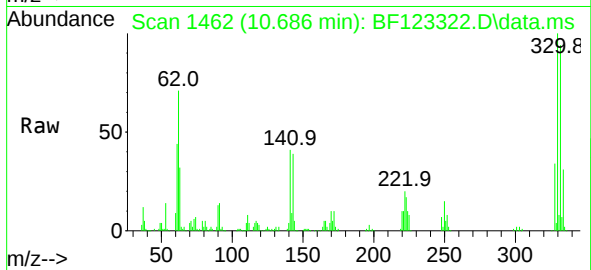
Tgt Ion: 164 Resp: 308355
Ion Ratio Lower Upper
164 100
162 105.9 80.8 121.2
160 46.9 35.4 53.0



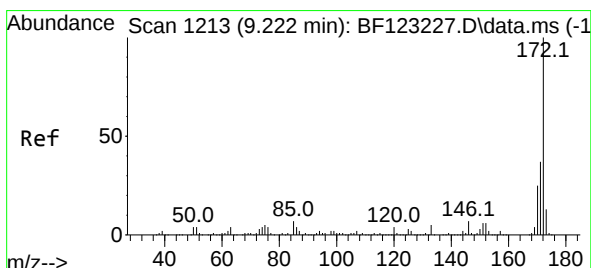
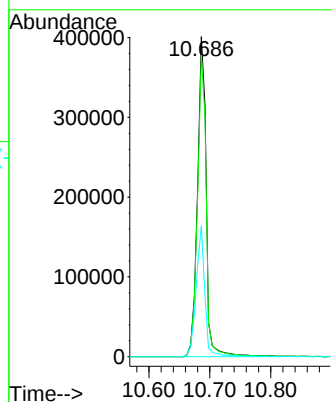
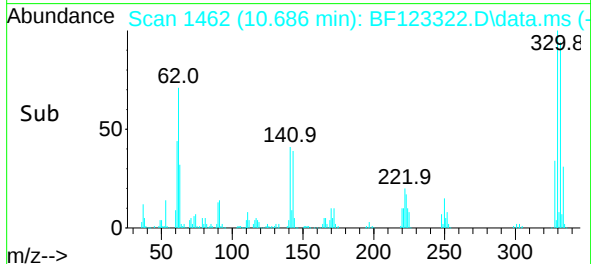


#42
2,4,6-Tribromophenol
Concen: 127.39 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

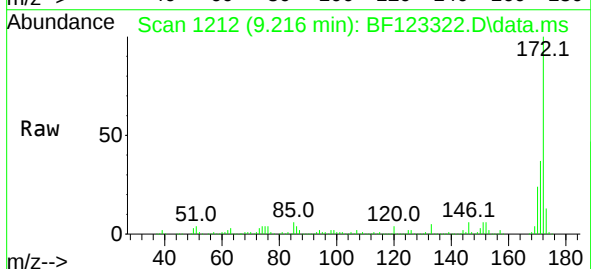
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BNA_F
ClientSampleId :
PB134844TB



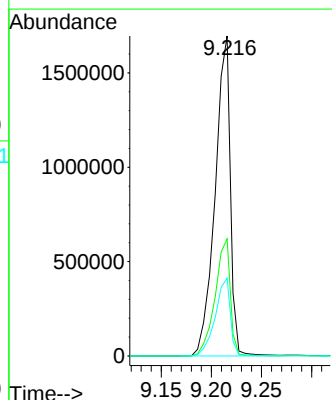
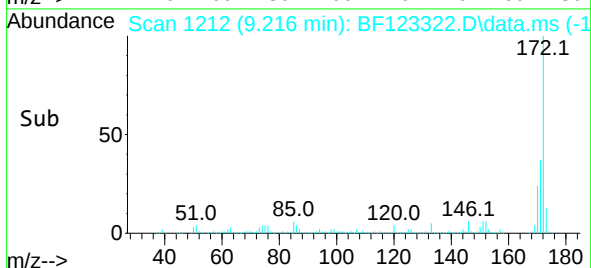
Tgt Ion: 330 Resp: 399973
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 41.0 23.8 35.8#

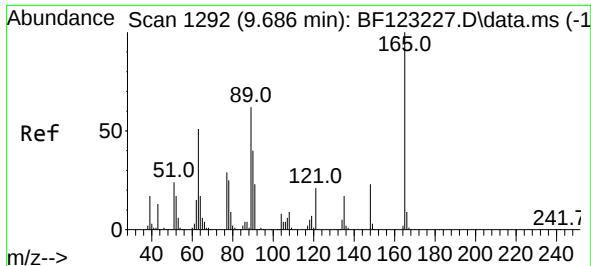


#45
2-Fluorobiphenyl
Concen: 83.63 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38



Tgt Ion: 172 Resp: 1795212
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.5 29.3

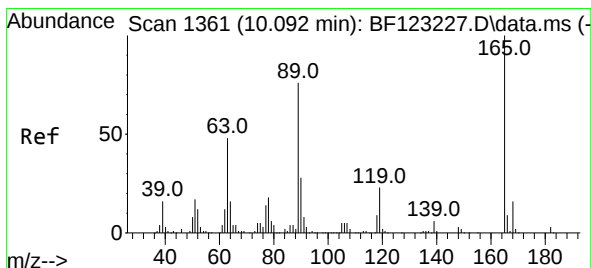
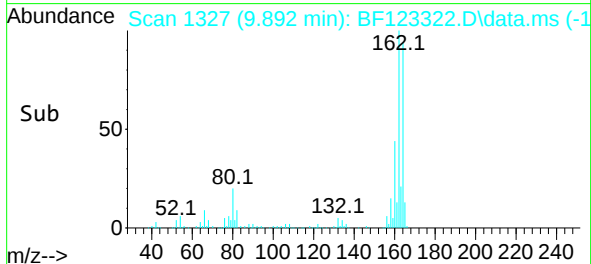
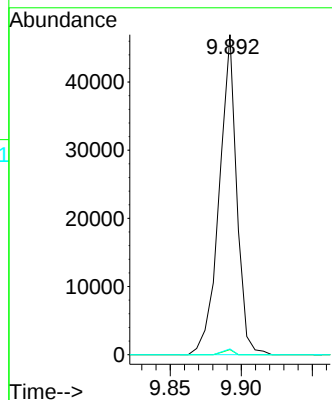
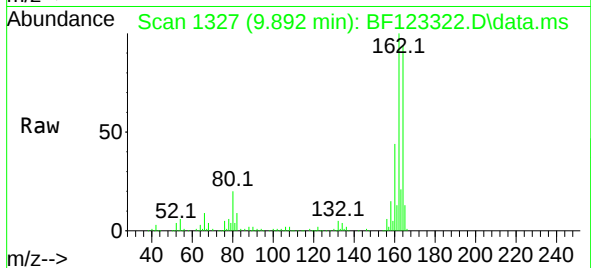




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

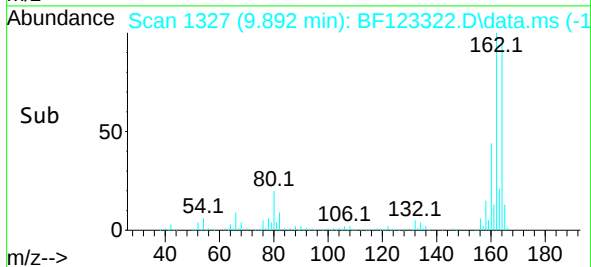
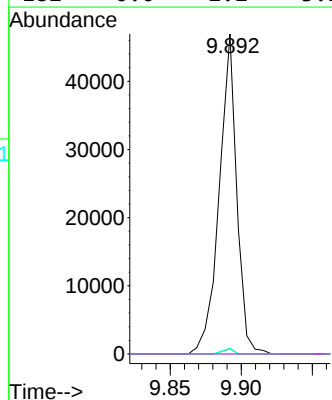
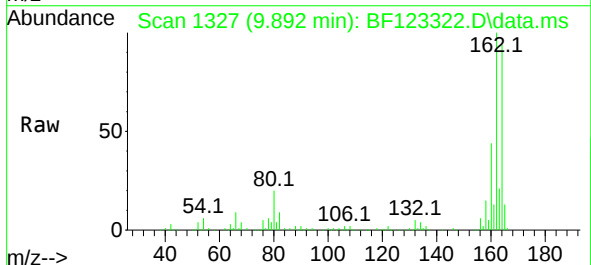
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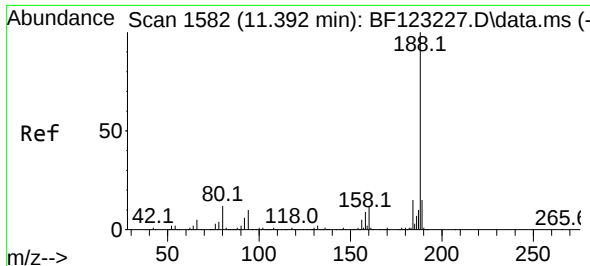
Tgt Ion:165 Resp: 40193
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Tgt Ion:165 Resp: 40193
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#

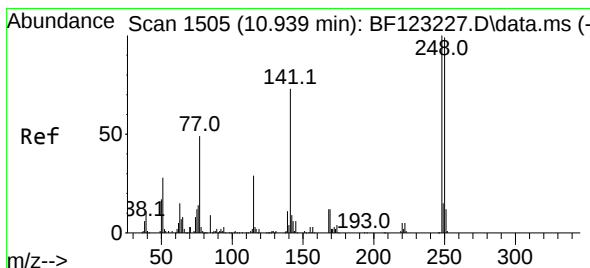
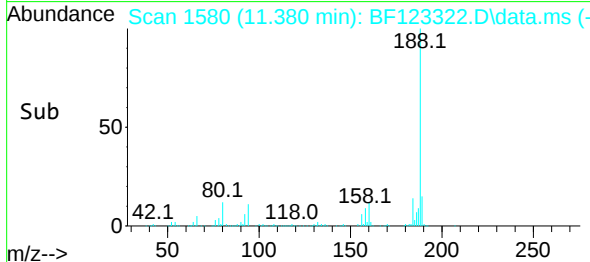
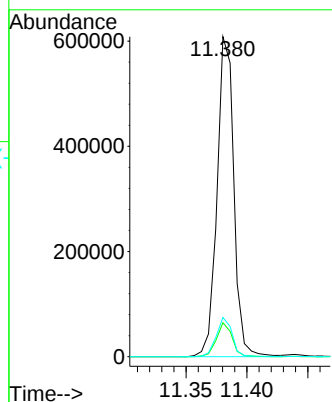
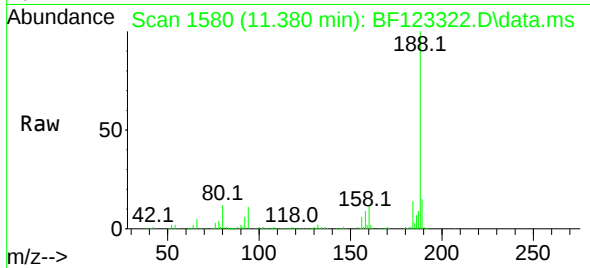




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

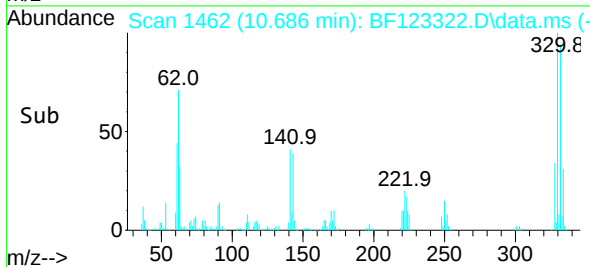
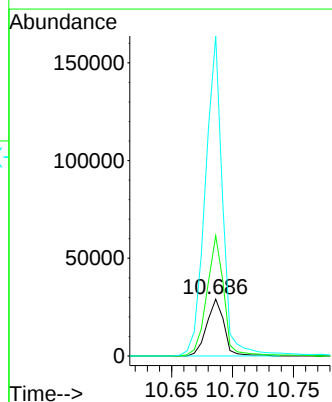
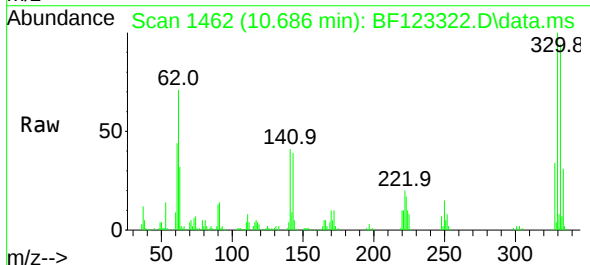
Instrument :
BNA_F
ClientSampleId :
PB134844TB

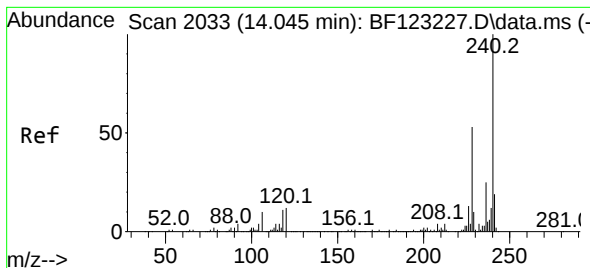
Tgt Ion:188 Resp: 583779
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

Tgt Ion:248 Resp: 28833
Ion Ratio Lower Upper
248 100
250 211.2 76.8 115.2#
141 562.6 59.8 89.8#

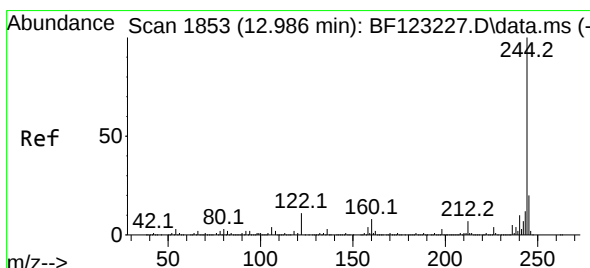
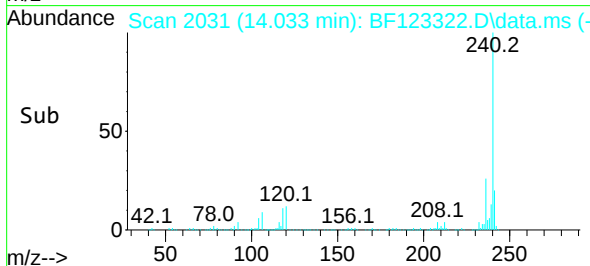
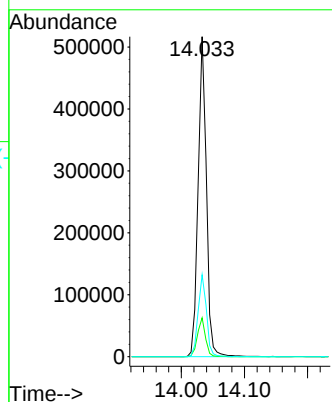
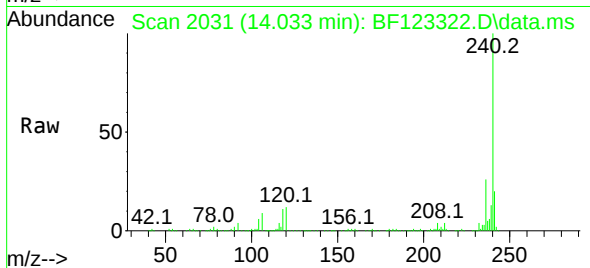




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

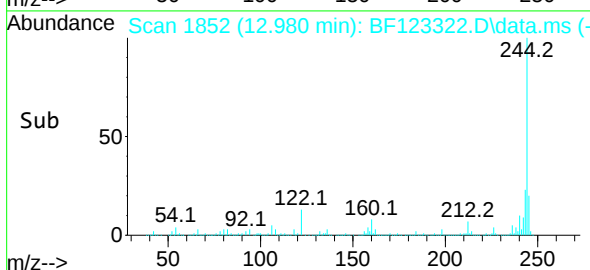
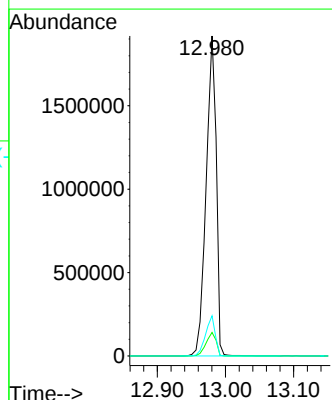
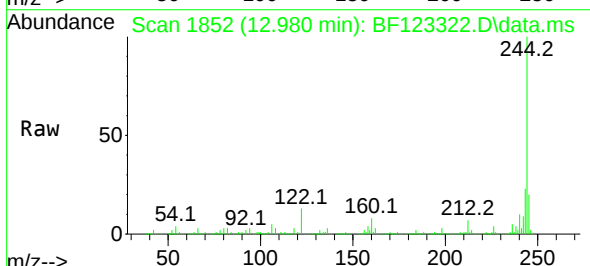
Instrument :
BNA_F
ClientSampleId :
PB134844TB

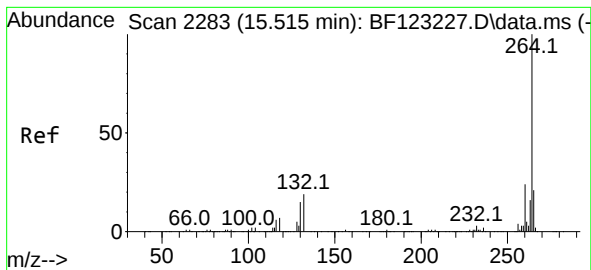
Tgt Ion:240 Resp: 468438
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 81.30 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123322.D
Acq: 1 Mar 2021 11:38

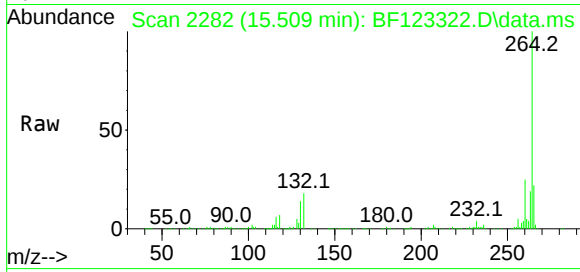
Tgt Ion:244 Resp: 1980678
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.6 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123322.D
 Acq: 1 Mar 2021 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB134844TB



Tgt Ion:264 Resp: 420109
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 21.8 17.0 25.6

