

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123241.D
 Acq On : 20 Feb 2021 11:06
 Operator : JU/CG
 Sample : PB134686BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134686BL

Quant Time: Feb 22 03:15:06 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)

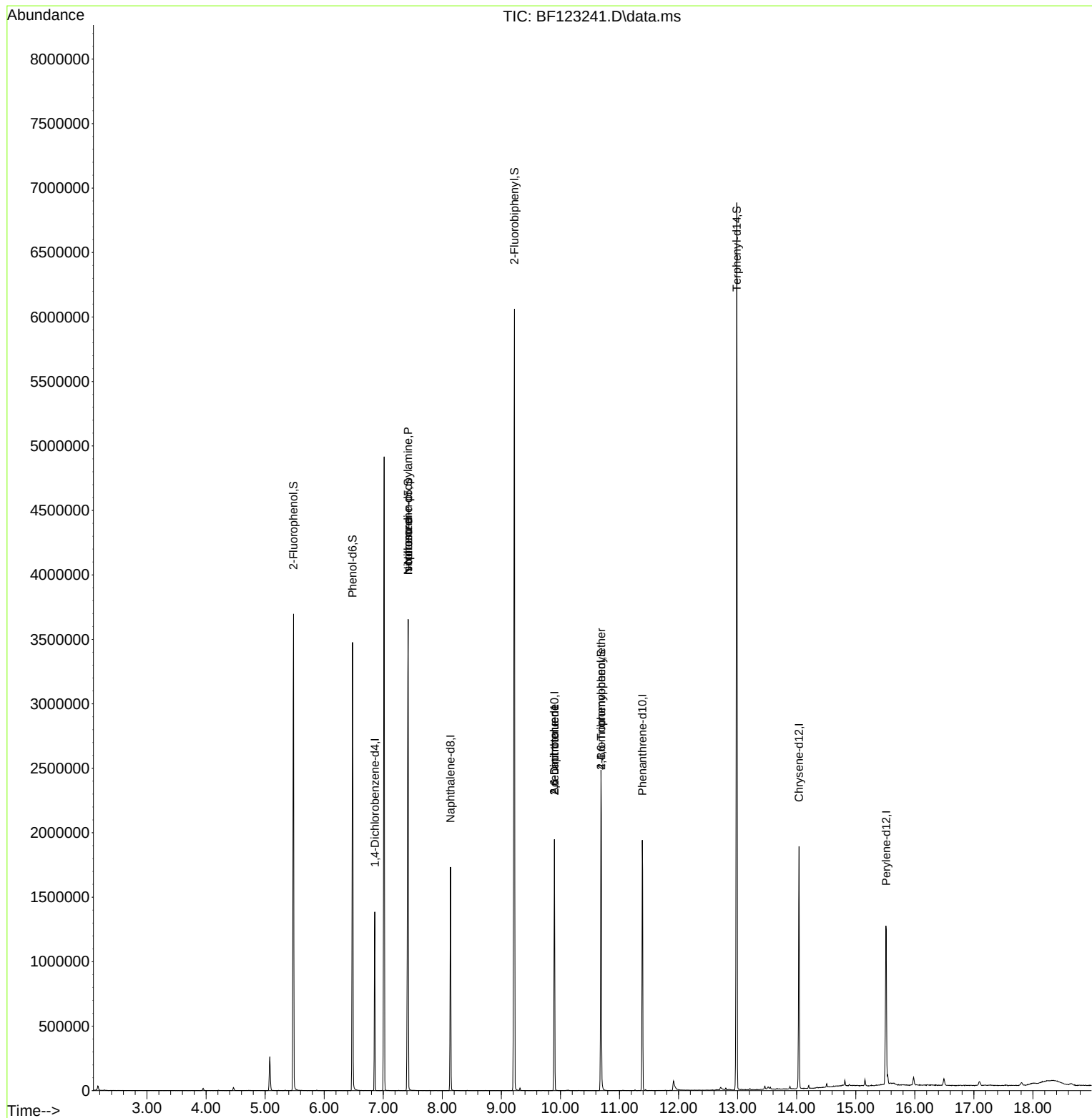
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	176218	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	724312	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	365902	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	695225	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	579317	20.00	ng	0.00
86) Perylene-d12	15.515	264	551091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	940222	76.80	ng	0.00
7) Phenol-d6	6.481	99	1222038	73.47	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1358282	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	266945	71.65	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2051191	80.52	ng	0.00
79) Terphenyl-d14	12.986	244	2573515	85.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2021	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.422	70	185249	18.72	ng	# 79
25) Isophorone	7.422	82	1351444	45.68	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	46139	7.32	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	46139	5.44	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	19644	2.59	ng	# 1

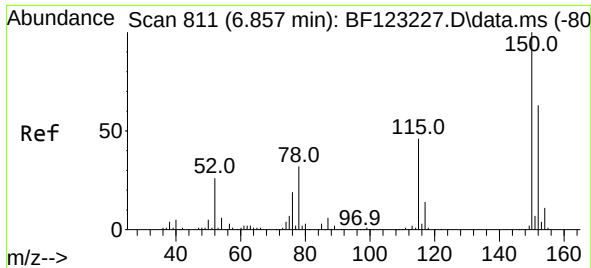
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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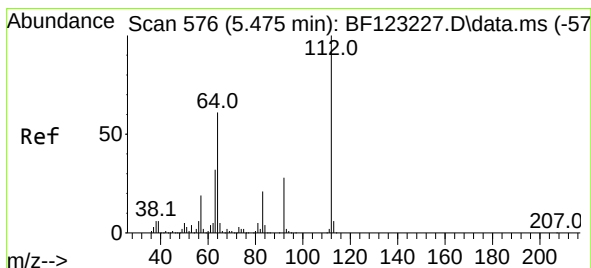
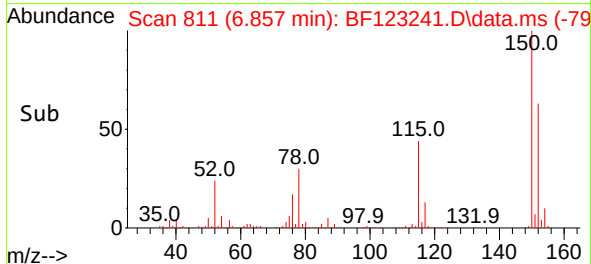
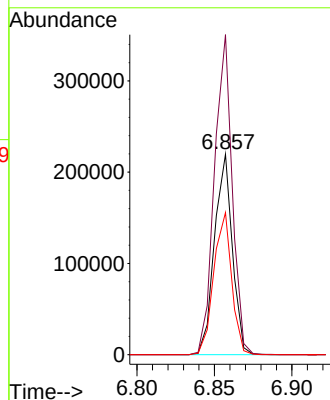
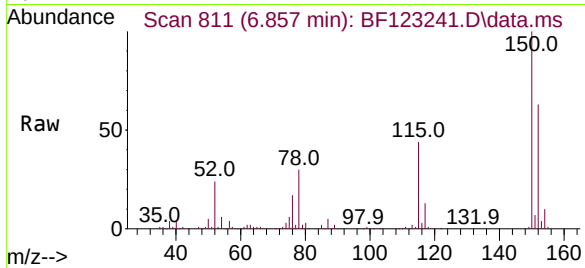




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123241.D
 Acq: 20 Feb 2021 11:06

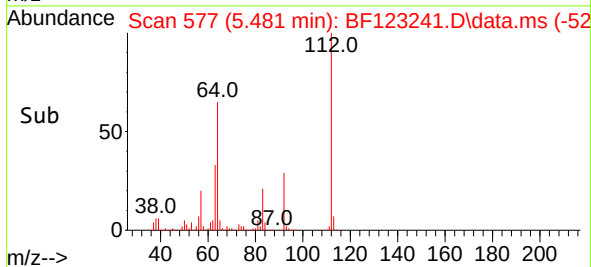
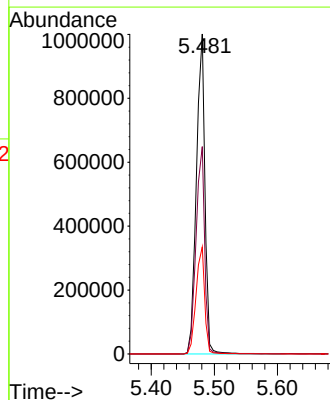
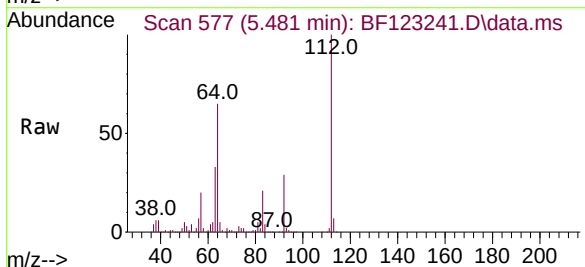
Instrument :
 BNA_F
 ClientSampleId :
 PB134686BL

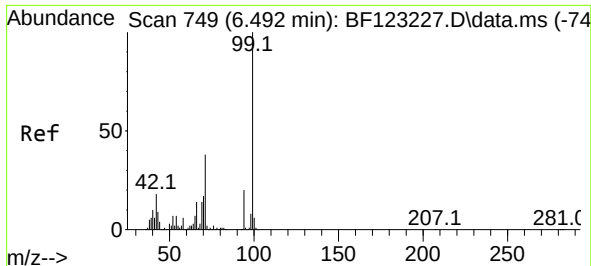
Tgt Ion:152 Resp: 176218
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.8 188.6
 115 70.9 49.3 73.9



#5
 2-Fluorophenol
 Concen: 76.80 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: BF123241.D
 Acq: 20 Feb 2021 11:06

Tgt Ion:112 Resp: 940222
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.9 70.3
 63 33.5 24.5 36.7



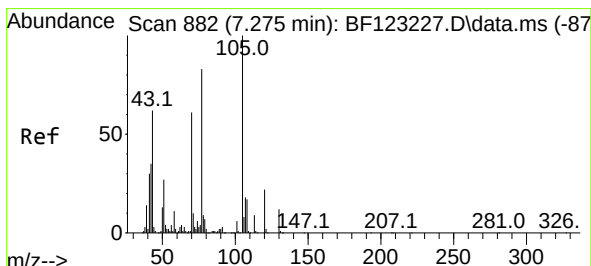
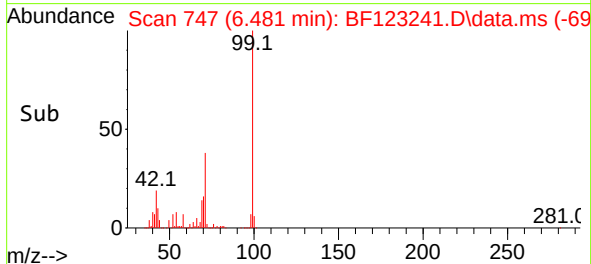
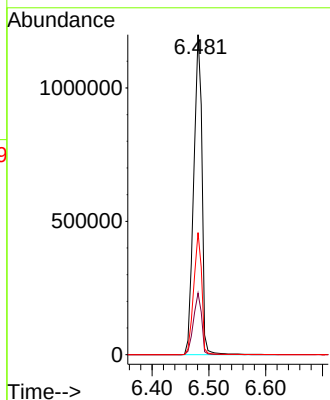
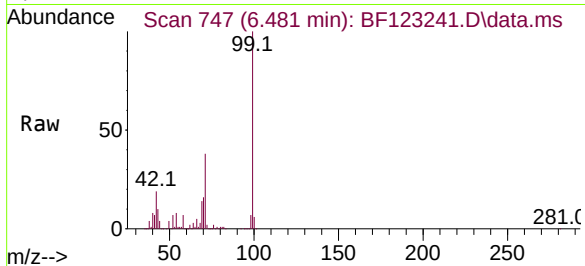


#7
Phenol-d6
Concen: 73.47 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Instrument :
BNA_F
ClientSampleId :
PB134686BL

Tgt Ion: 99 Resp: 1222038

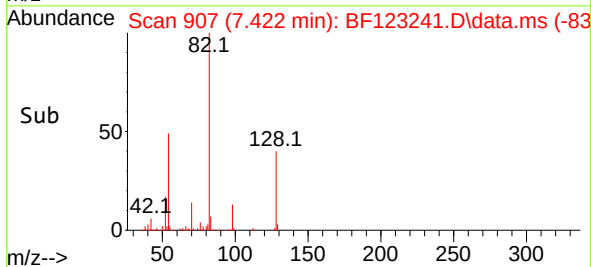
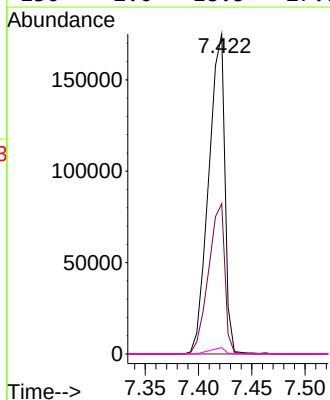
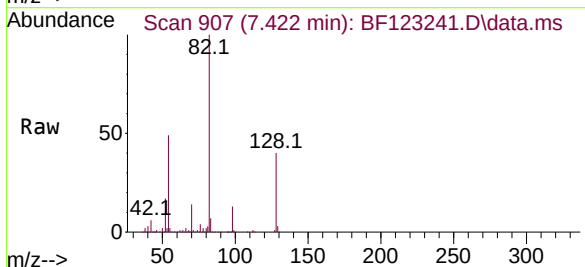
Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.8	20.6
71	38.1	26.9	40.3

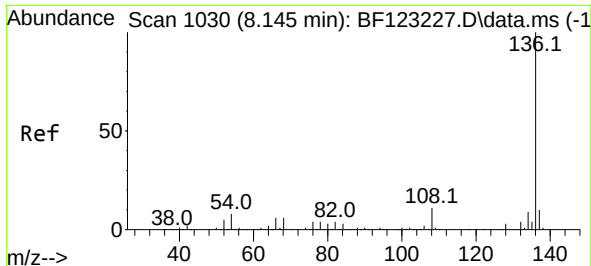


#19
n-Nitroso-di-n-propylamine
Concen: 18.72 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion: 70 Resp: 185249

Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



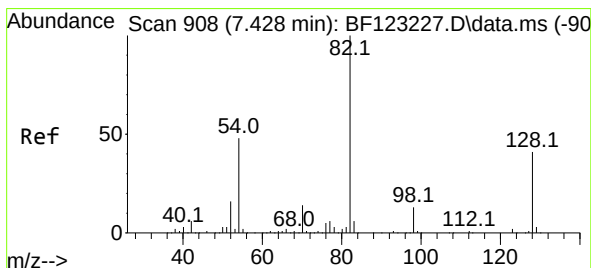
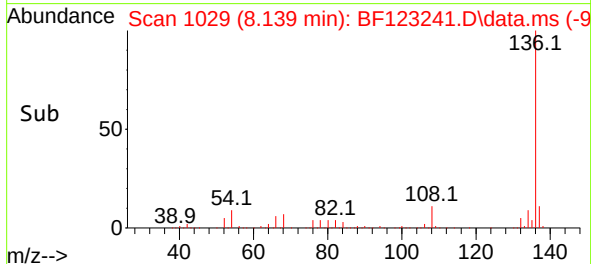
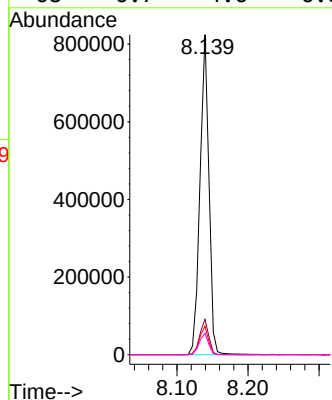
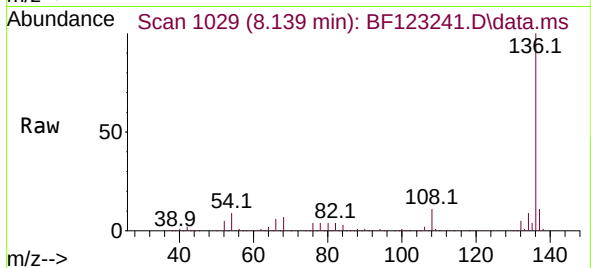


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Instrument :
BNA_F
ClientSampleId :
PB134686BL

Tgt Ion:136 Resp: 724312

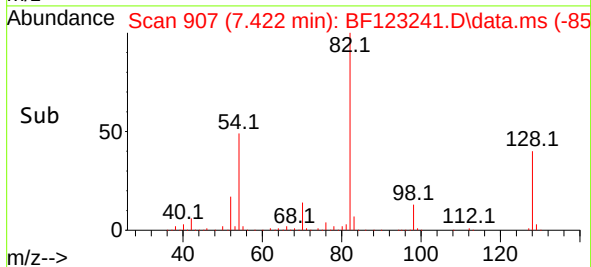
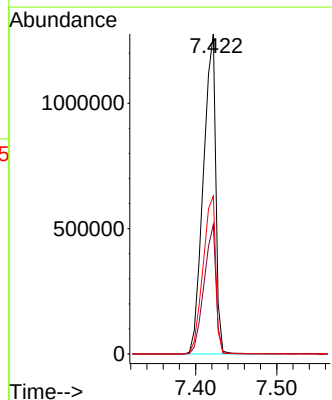
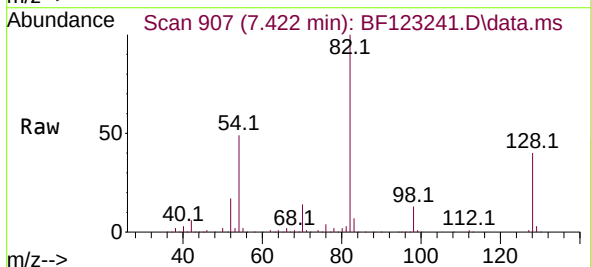
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	5.5	8.3#
68	6.7	4.6	6.8

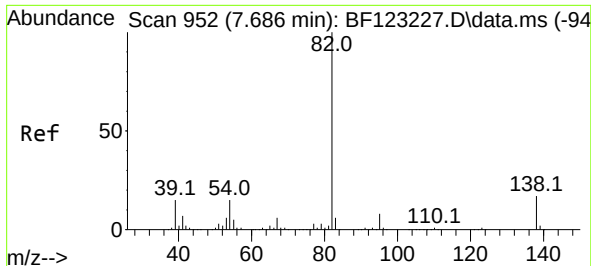


#23
Nitrobenzene-d5
Concen: 85.84 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion: 82 Resp: 1358282

Ion	Ratio	Lower	Upper
82	100		
128	40.4	37.0	55.4
54	49.4	38.4	57.6

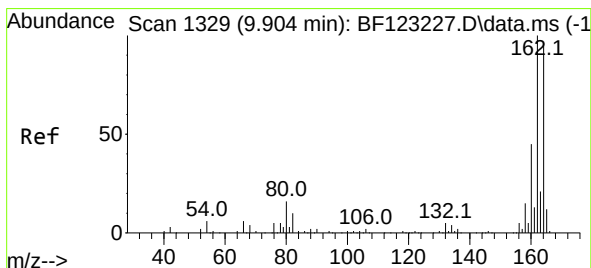
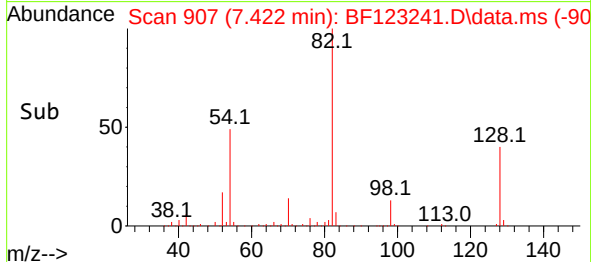
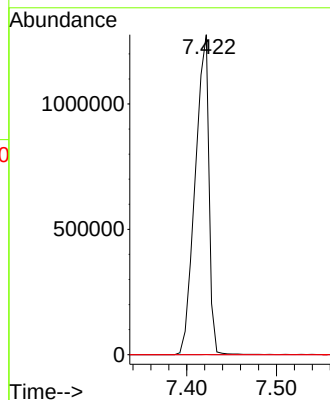
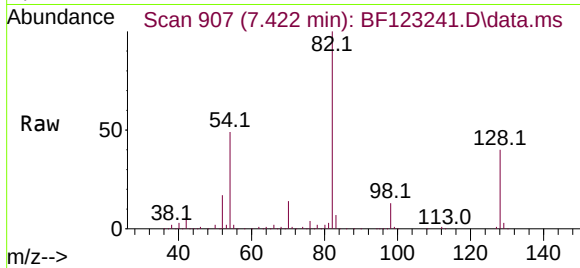




#25
Isophorone
Concen: 45.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

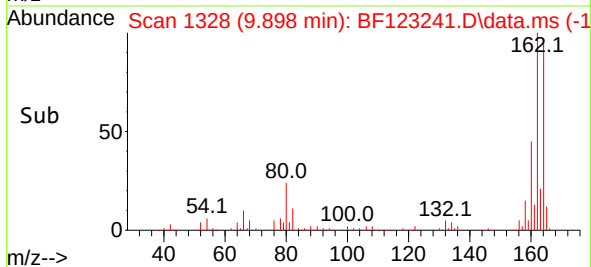
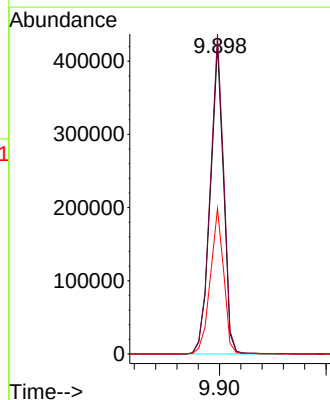
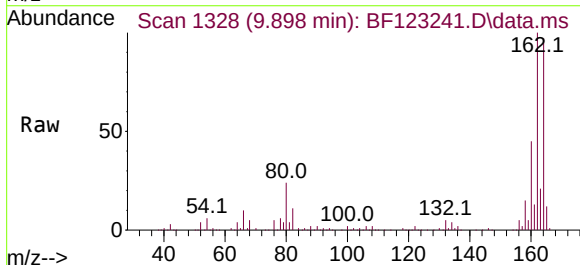
Instrument :
BNA_F
ClientSampleId :
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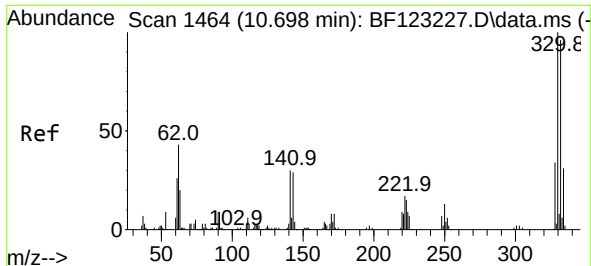
Tgt Ion: 82 Resp: 1351444
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion: 164 Resp: 365902
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 47.0 35.4 53.0

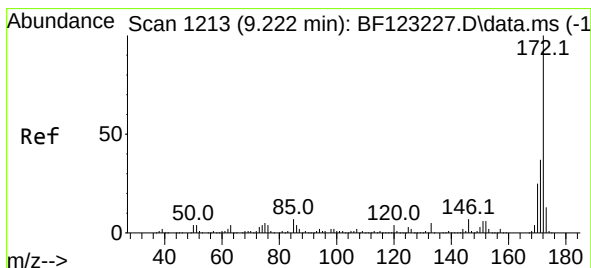
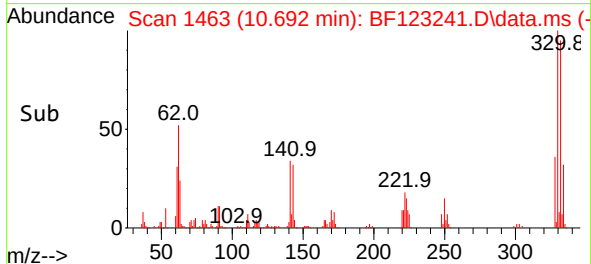
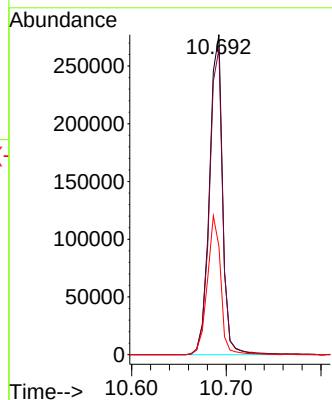
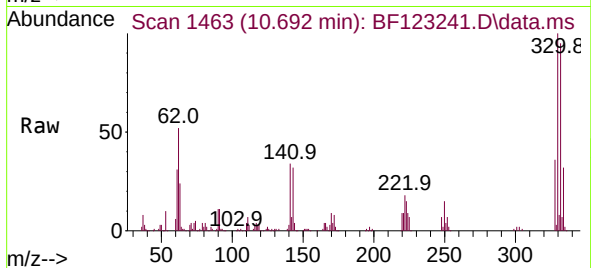




#42
2,4,6-Tribromophenol
Concen: 71.65 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

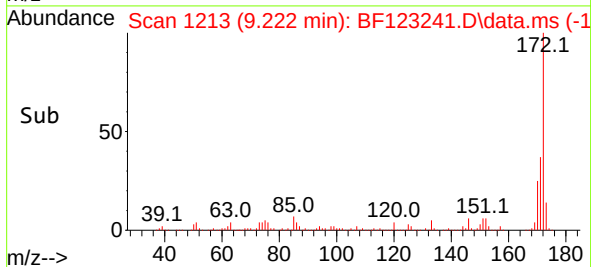
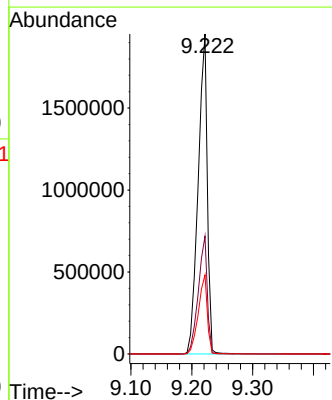
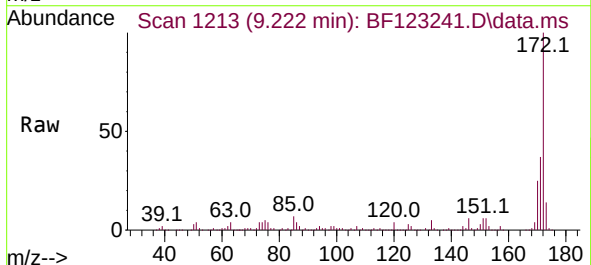
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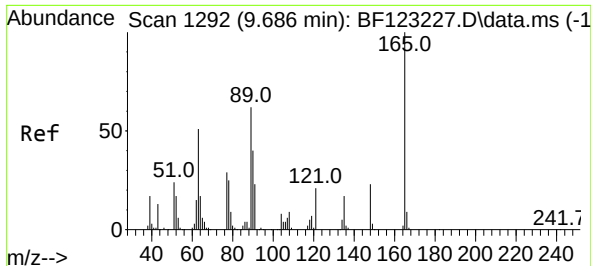
Tgt Ion:330 Resp: 266945
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 44.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 80.52 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion:172 Resp: 2051191
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.7 19.5 29.3

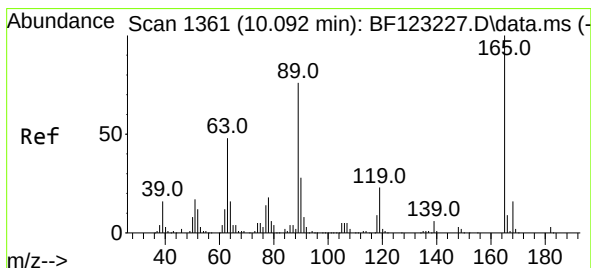
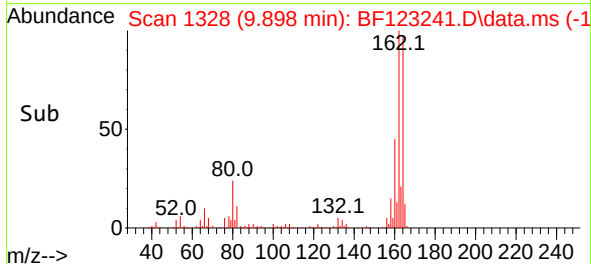
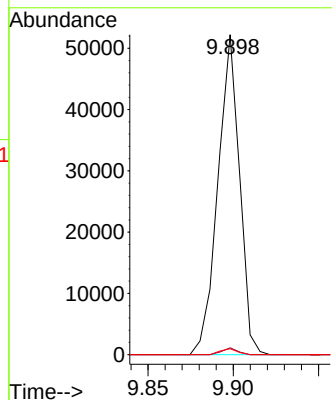
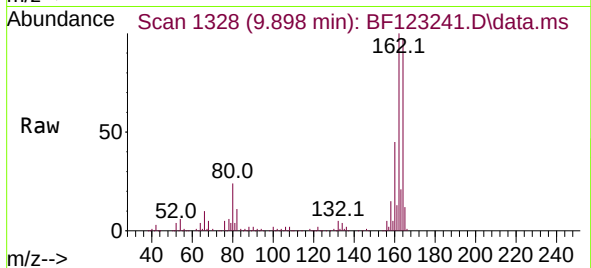




#51
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

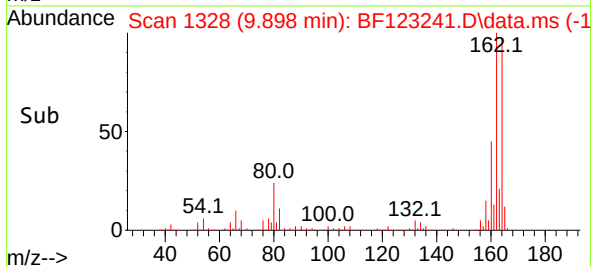
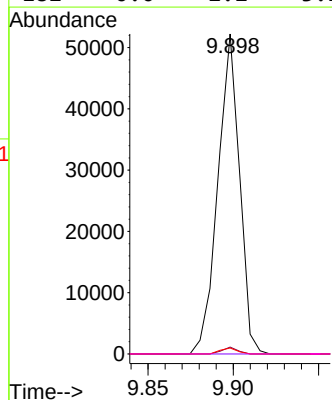
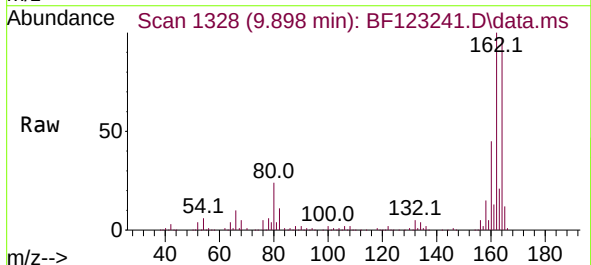
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ClientSampleId :
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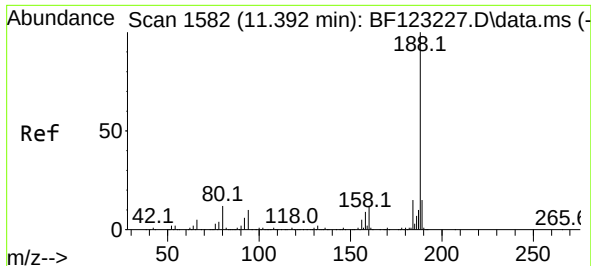
Tgt Ion:165 Resp: 46139
Ion Ratio Lower Upper
165 100
63 2.2 36.6 55.0#
89 1.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion:165 Resp: 46139
Ion Ratio Lower Upper
165 100
63 2.2 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#

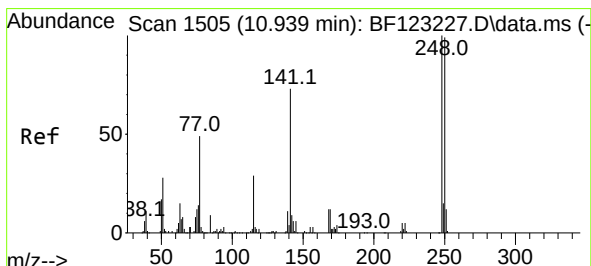
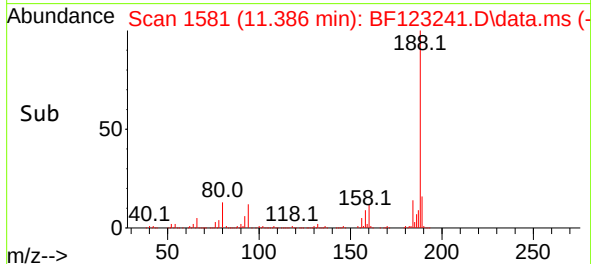
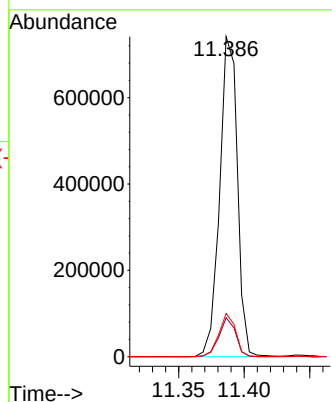
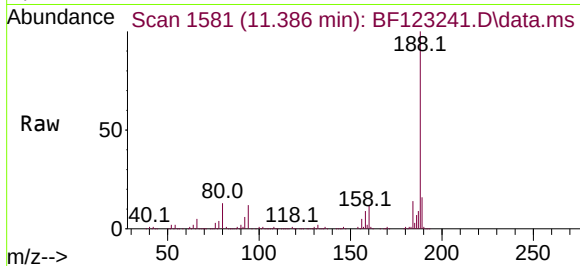




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

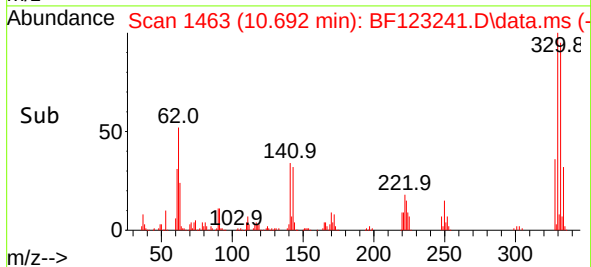
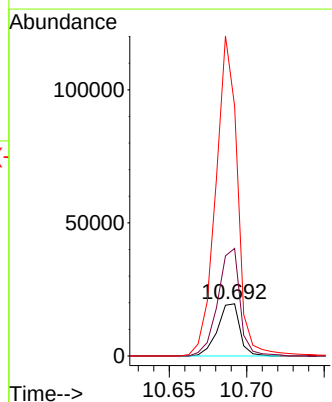
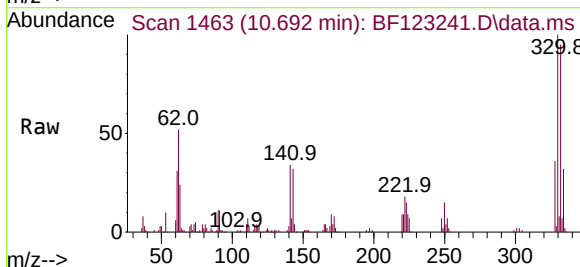
Instrument :
BNA_F
ClientSampleId :
PB134686BL

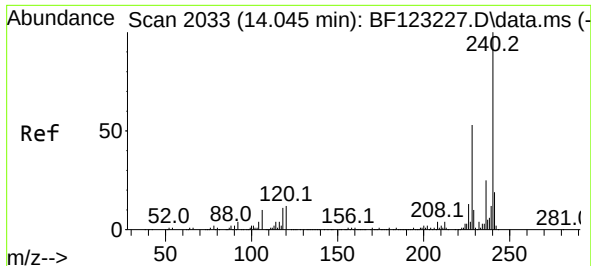
Tgt Ion:188 Resp: 695225
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 13.5 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion:248 Resp: 19644
Ion Ratio Lower Upper
248 100
250 206.1 76.8 115.2#
141 479.7 59.8 89.8#

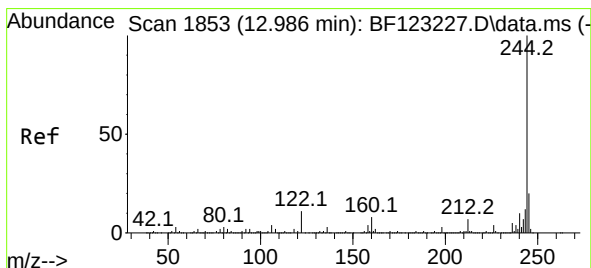
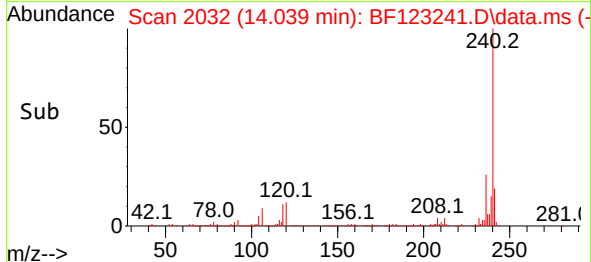
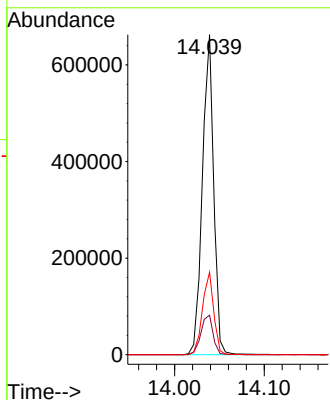
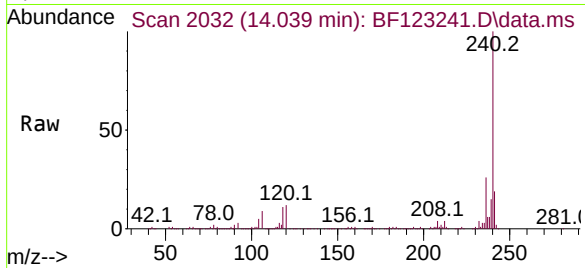




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

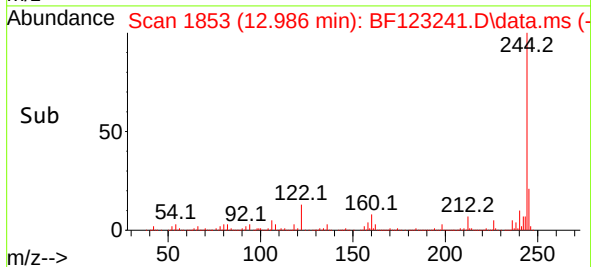
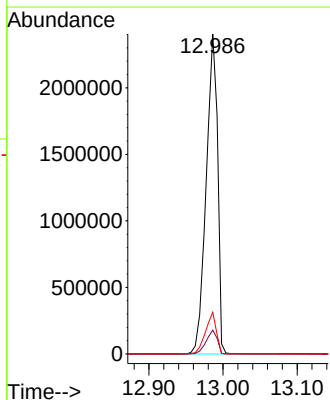
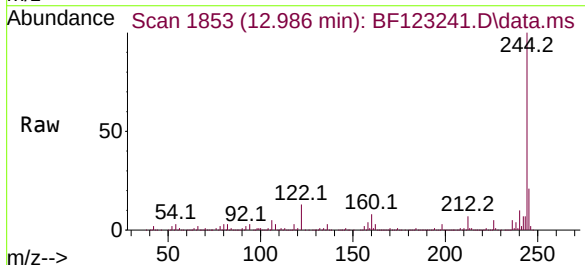
Instrument :
BNA_F
ClientSampleId :
PB134686BL

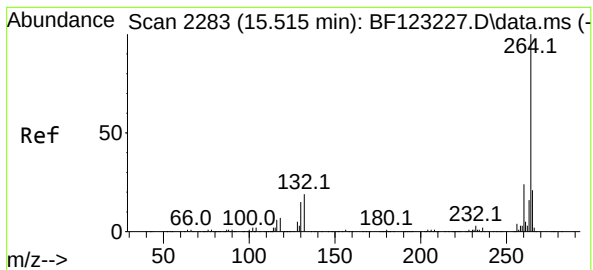
Tgt Ion:240 Resp: 579317
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 85.42 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123241.D
Acq: 20 Feb 2021 11:06

Tgt Ion:244 Resp: 2573515
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 13.0 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: BF123241.D
 Acq: 20 Feb 2021 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB134686BL

Tgt Ion:264	Resp:	551091
Ion	Ratio	Lower Upper
264	100	
260	24.0	18.6 28.0
265	21.1	17.0 25.6

