

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123367.D
 Acq On : 3 Mar 2021 21:26
 Operator : JU/CG
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-01-030221

Quant Time: Mar 03 23:55:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

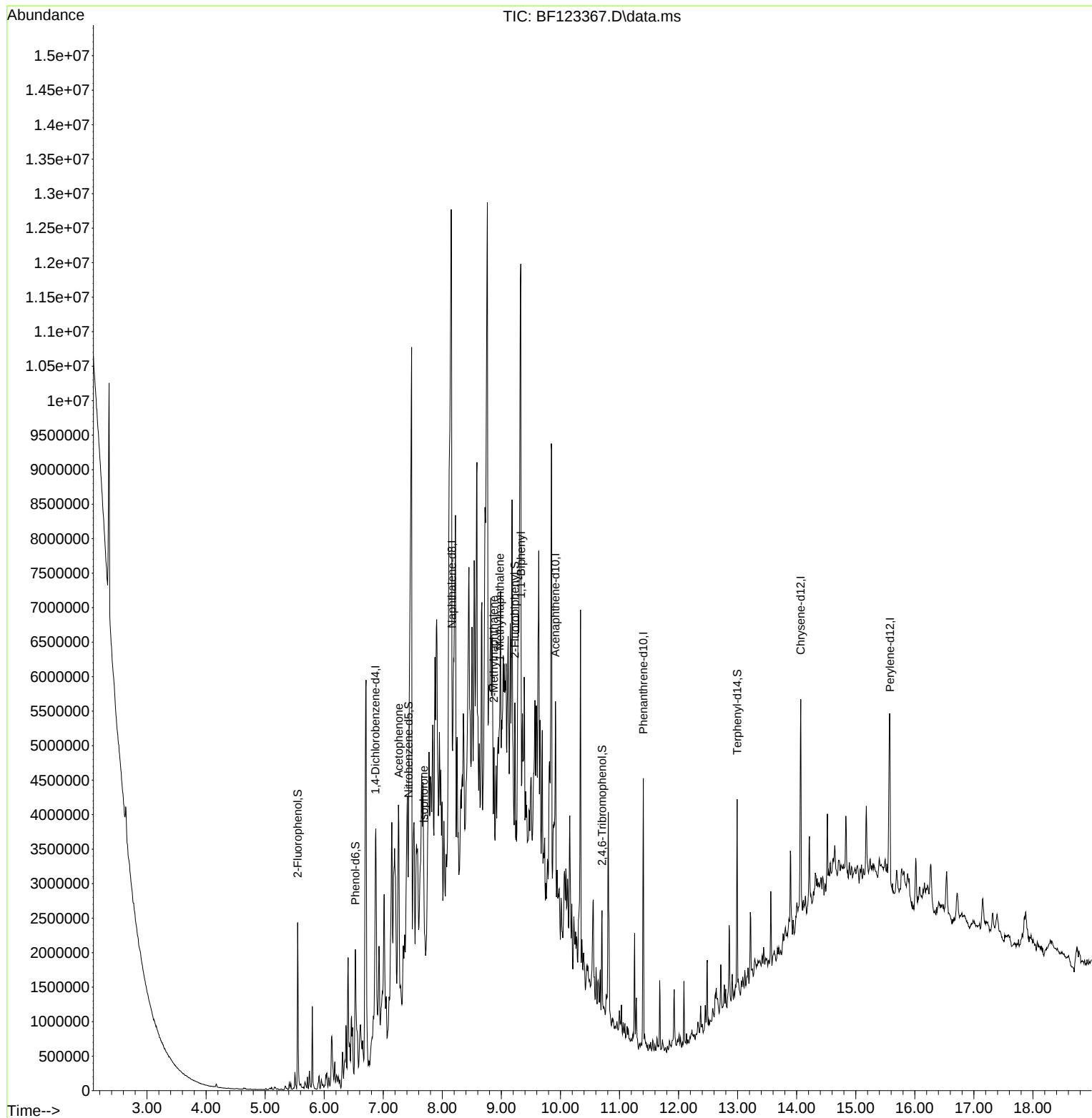
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	408722	20.00	ng	0.02
21) Naphthalene-d8	8.163	136	1274897	20.00	ng	# 0.04
39) Acenaphthene-d10	9.916	164	672892	20.00	ng	0.03
64) Phenanthrene-d10	11.404	188	1395840	20.00	ng	0.02
76) Chrysene-d12	14.068	240	1250231	20.00	ng	0.04
86) Perylene-d12	15.580	264	1121858	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	630307	22.20	ng	0.08
7) Phenol-d6	6.528	99	838112	21.73	ng	0.04
23) Nitrobenzene-d5	7.428	82	594802	21.36	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	161866	23.62	ng	0.02
45) 2-Fluorobiphenyl	9.227	172	647067	13.81	ng	0.02
79) Terphenyl-d14	12.992	244	801651	12.33	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	21061	Below Cal	#	1
22) Acetophenone	7.263	105	483048	14.61	ng	# 40
25) Isophorone	7.686	82	176435	3.39	ng	# 1
37) 2-Methylnaphthalene	8.875	142	369232	7.93	ng	94
38) 1-Methylnaphthalene	8.975	142	258075	5.93	ng	95
46) 1,1'-Biphenyl	9.333	154	140209	2.51	ng	99

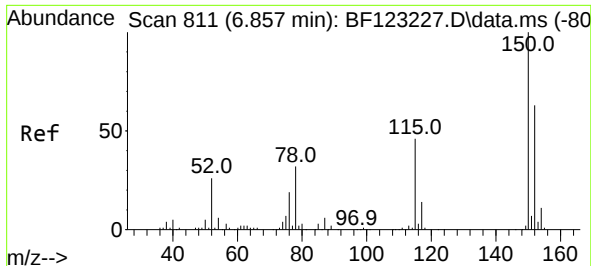
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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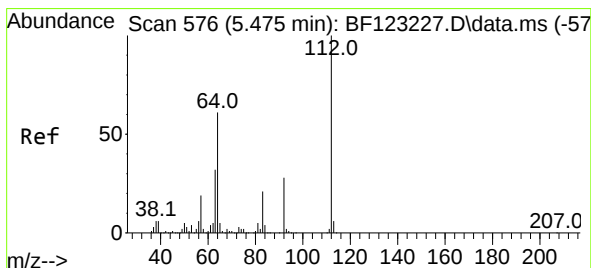
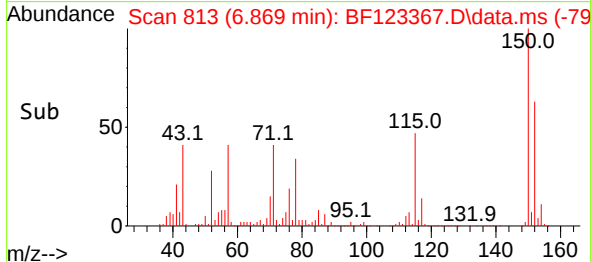
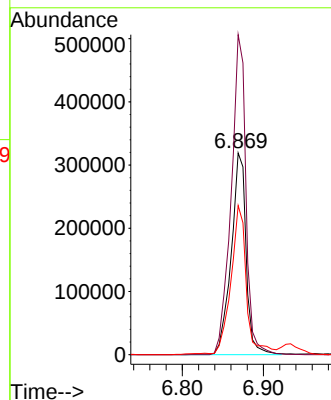
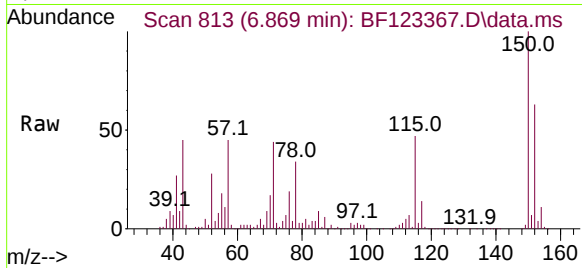




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.023 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

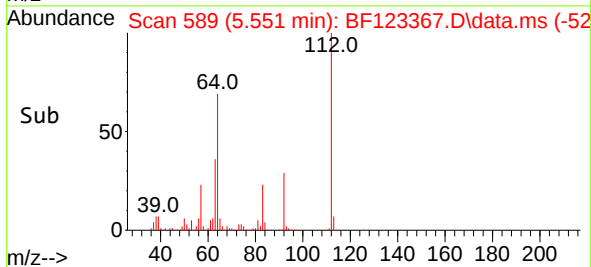
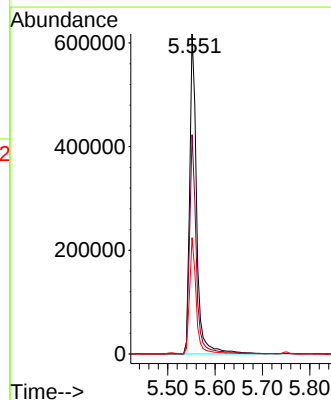
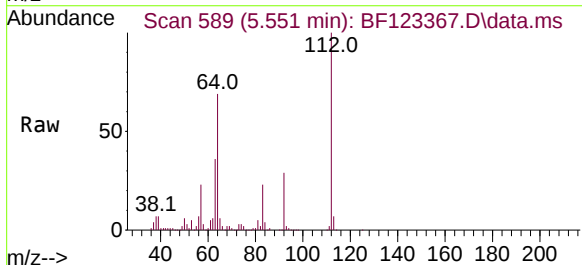
Instrument :
BNA_F
ClientSampleId :
PR-01-030221

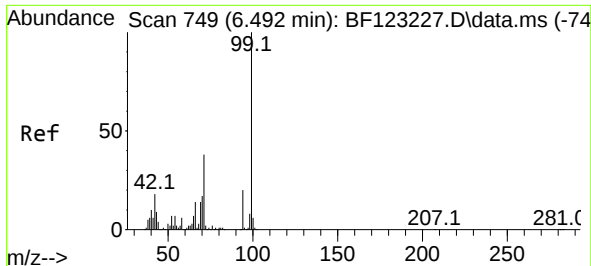
Tgt Ion:152 Resp: 408722
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 73.9 49.3 73.9



#5
2-Fluorophenol
Concen: 22.20 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.082 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Tgt Ion:112 Resp: 630307
Ion Ratio Lower Upper
112 100
64 68.6 46.9 70.3
63 36.4 24.5 36.7

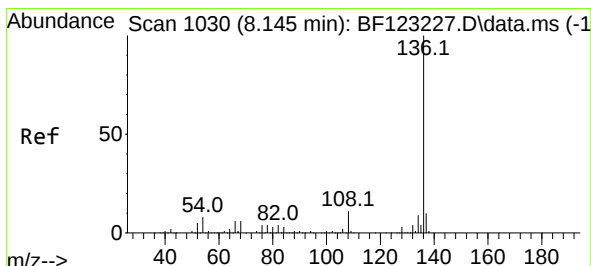
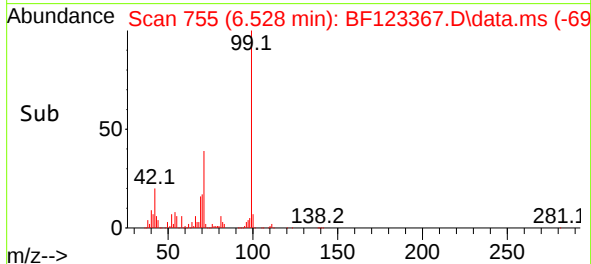
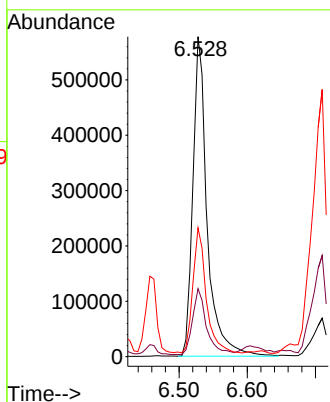
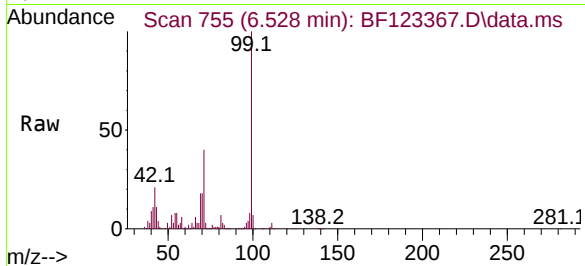




#7
Phenol-d6
Concen: 21.73 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.041 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

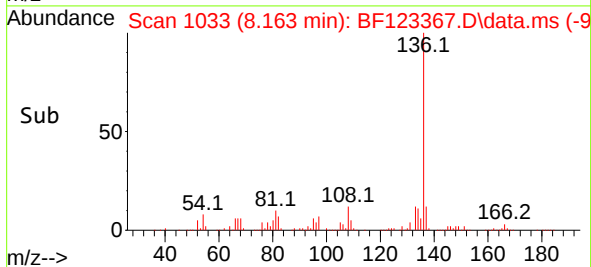
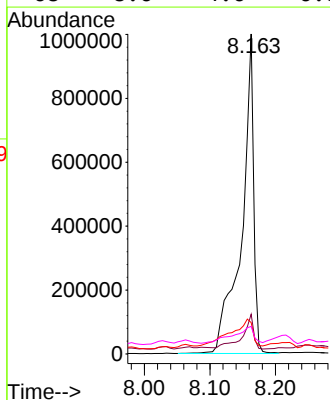
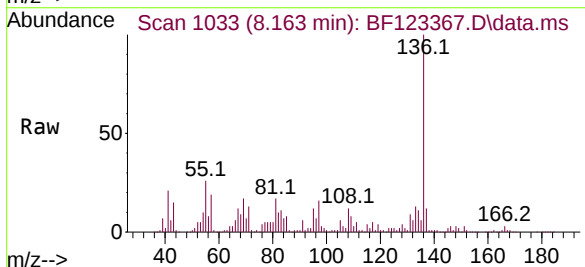
Instrument :
BNA_F
ClientSampleId :
PR-01-030221

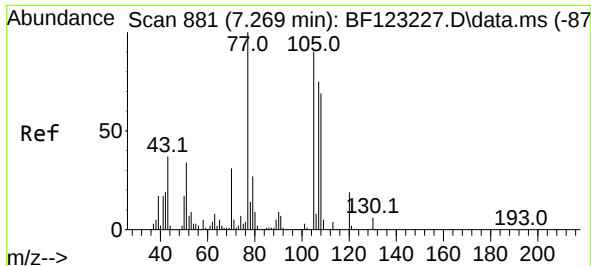
Tgt Ion: 99 Resp: 838112
Ion Ratio Lower Upper
99 100
42 21.3 13.8 20.6#
71 40.3 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.035 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

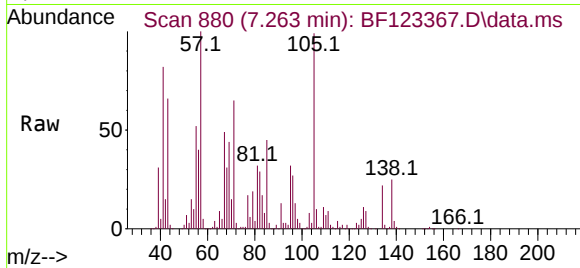
Tgt Ion: 136 Resp: 1274897
Ion Ratio Lower Upper
136 100
137 12.4 8.8 13.2
54 9.8 5.5 8.3#
68 8.6 4.6 6.8#



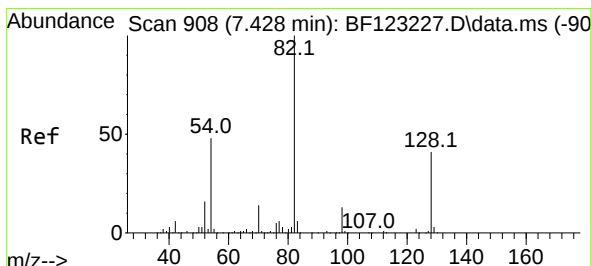
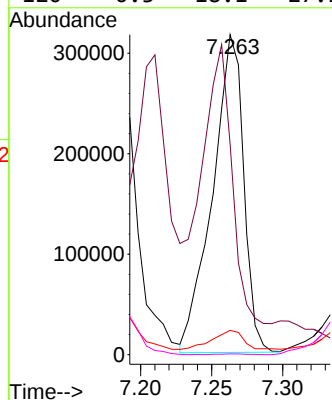
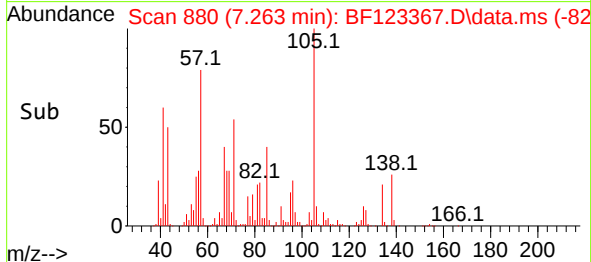


#22
Acetophenone
Concen: 14.61 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

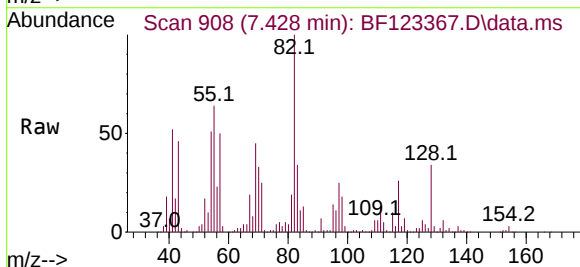
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ClientSampleId :
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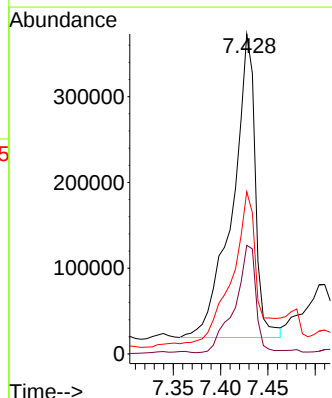
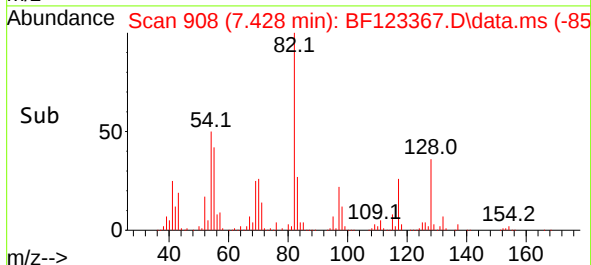
Tgt Ion:105 Resp: 483048
Ion Ratio Lower Upper
105 100
71 65.8 6.5 9.7#
51 7.6 24.3 36.5#
120 0.3 18.1 27.1#

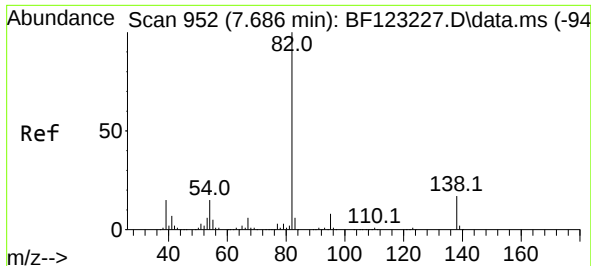


#23
Nitrobenzene-d5
Concen: 21.36 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26



Tgt Ion: 82 Resp: 594802
Ion Ratio Lower Upper
82 100
128 34.0 37.0 55.4#
54 50.7 38.4 57.6

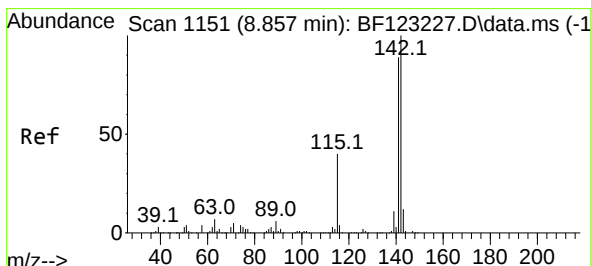
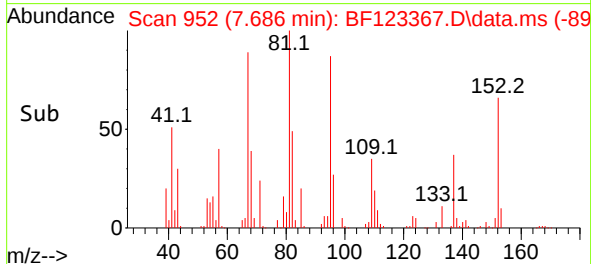
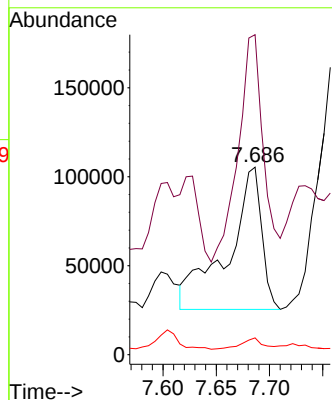
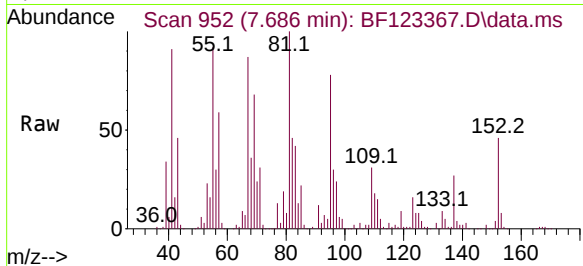




#25
Isophorone
Concen: 3.39 ng
RT: 7.686 min Scan# 952
Delta R.T. 0.012 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

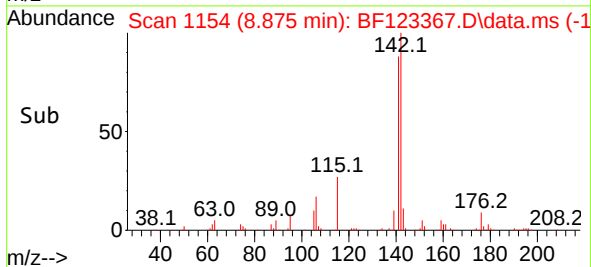
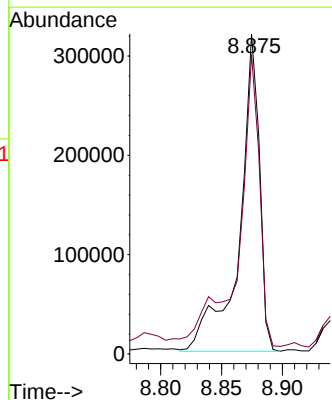
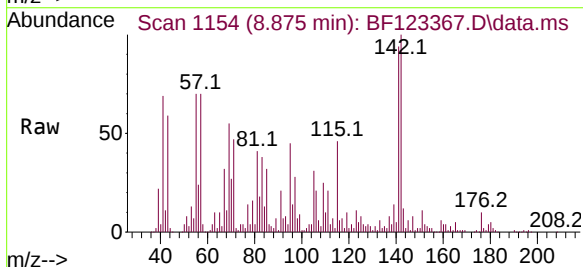
Instrument :
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PR-01-030221

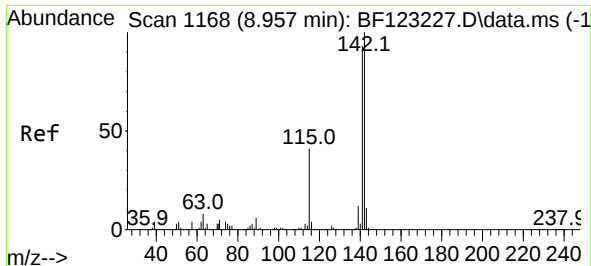
Tgt Ion: 82 Resp: 176435
Ion Ratio Lower Upper
82 100
95 170.7 5.8 8.6#
138 9.0 14.6 21.8#



#37
2-Methylnaphthalene
Concen: 7.93 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.029 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Tgt Ion: 142 Resp: 369232
Ion Ratio Lower Upper
142 100
141 93.5 70.6 106.0

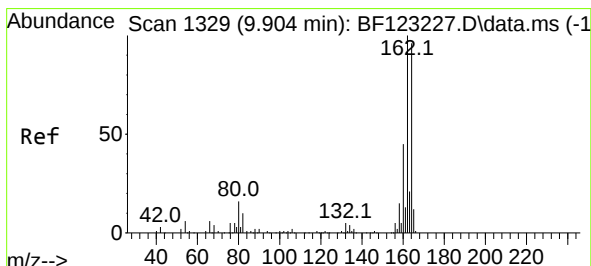
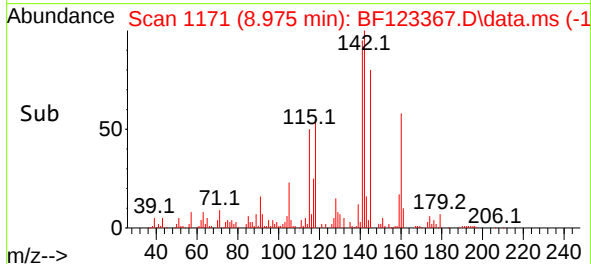
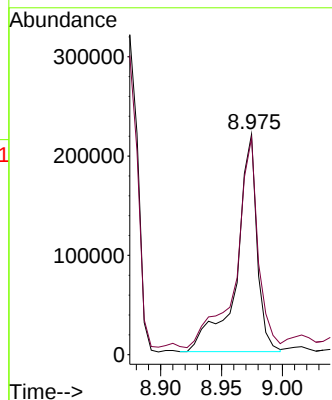
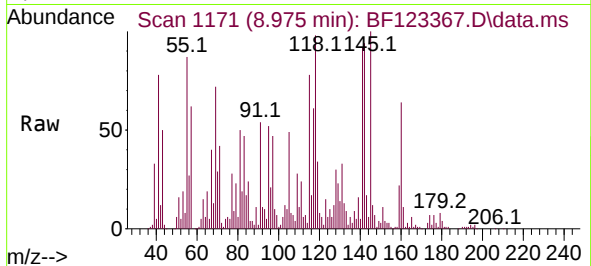




#38
1-Methylnaphthalene
Concen: 5.93 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.029 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

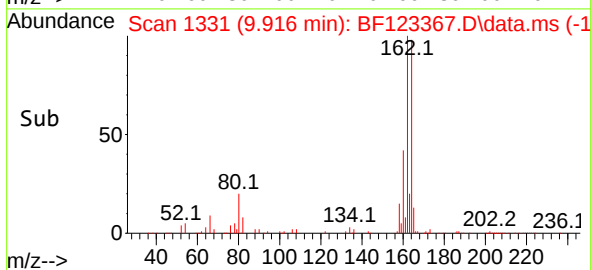
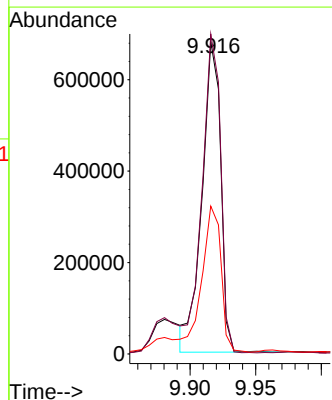
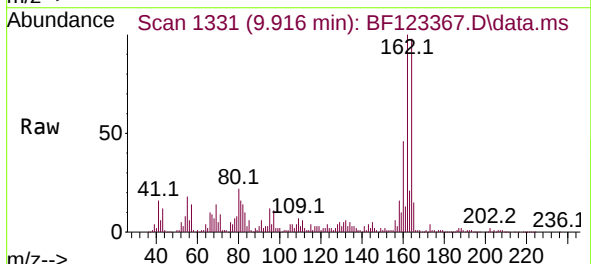
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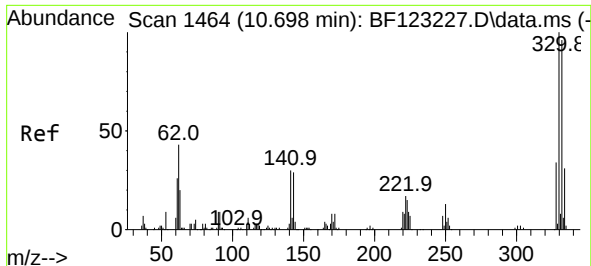
Tgt Ion:142 Resp: 258075
Ion Ratio Lower Upper
142 100
141 98.3 74.5 111.7



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.029 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Tgt Ion:164 Resp: 672892
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 47.3 35.4 53.0

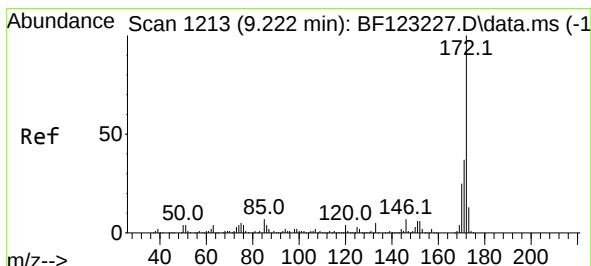
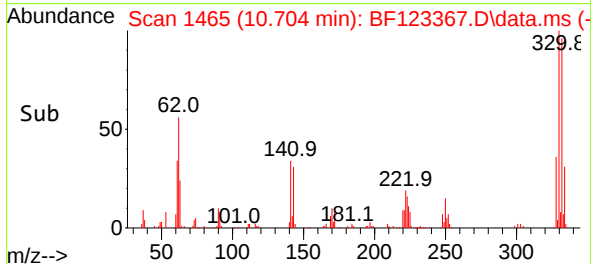
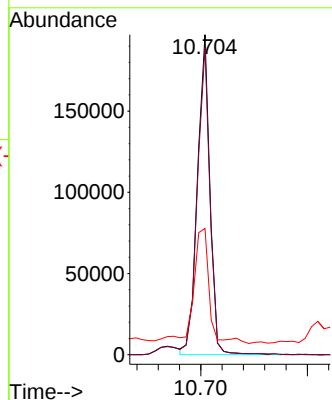
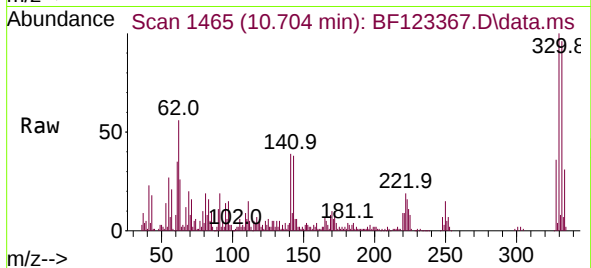




#42
2,4,6-Tribromophenol
Concen: 23.62 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.023 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

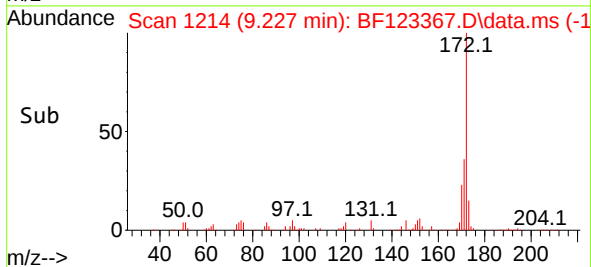
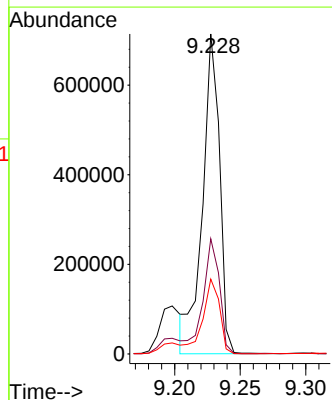
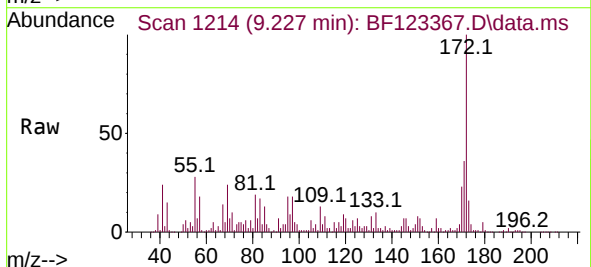
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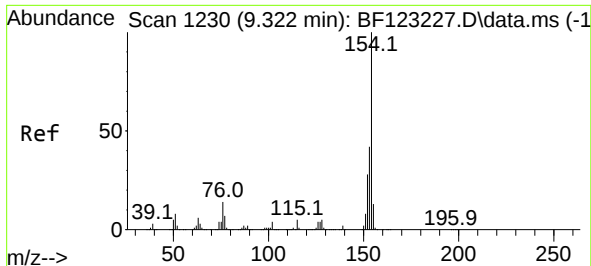
Tgt Ion:330 Resp: 161866
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 40.2 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 13.81 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.017 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Tgt Ion:172 Resp: 647067
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.4 19.5 29.3

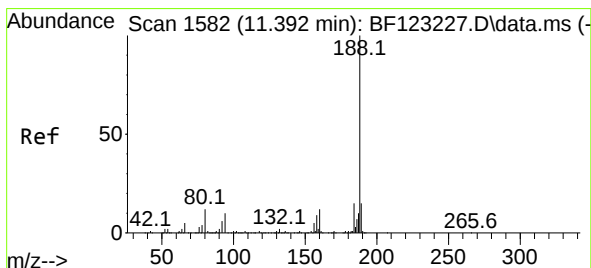
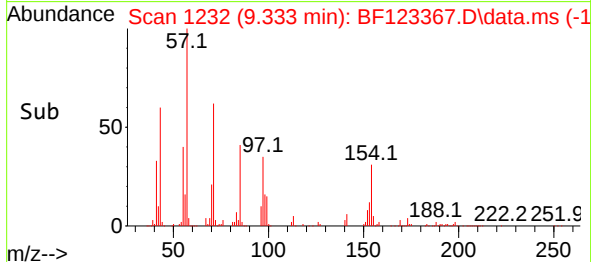
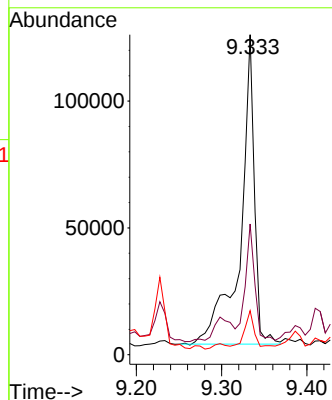
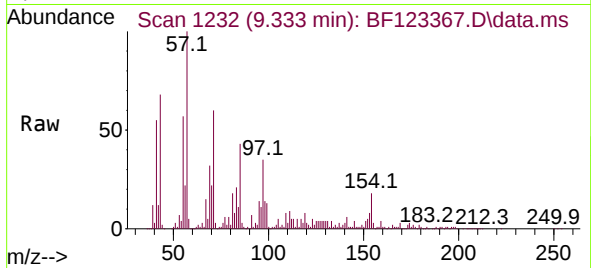




#46
1,1'-Biphenyl
Concen: 2.51 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.023 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

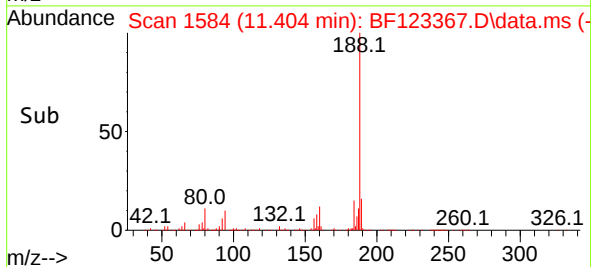
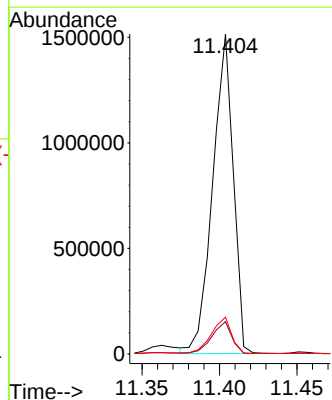
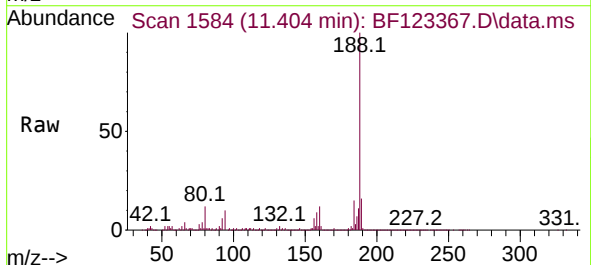
Instrument :
BNA_F
ClientSampleId :
PR-01-030221

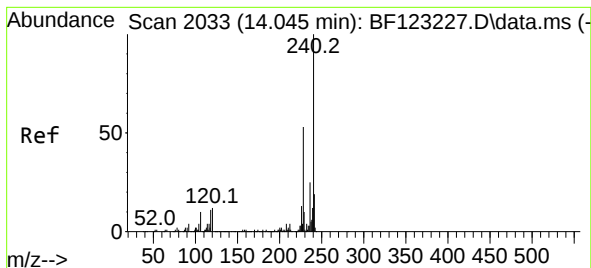
Tgt Ion:154 Resp: 140209
Ion Ratio Lower Upper
154 100
153 40.9 21.8 61.8
76 13.7 0.0 33.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.023 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Tgt Ion:188 Resp: 1395840
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.5 8.2 12.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.035 min

Lab File: BF123367.D

Acq: 3 Mar 2021 21:26

Tgt Ion:240 Resp: 1250231

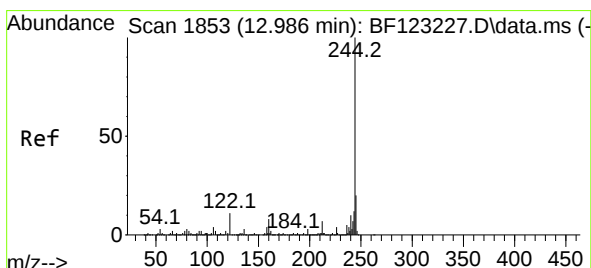
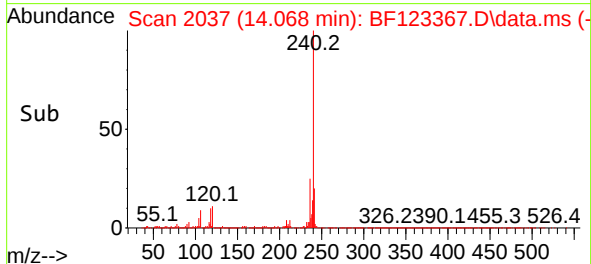
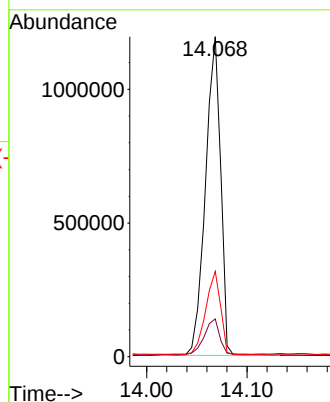
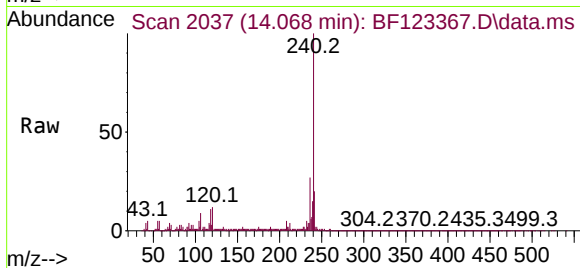
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	12.8
236	26.7	20.3	30.5

Instrument :

BNA_F

ClientSampleId :

PR-01-030221



#79

Terphenyl-d14

Concen: 12.33 ng

RT: 12.992 min Scan# 1854

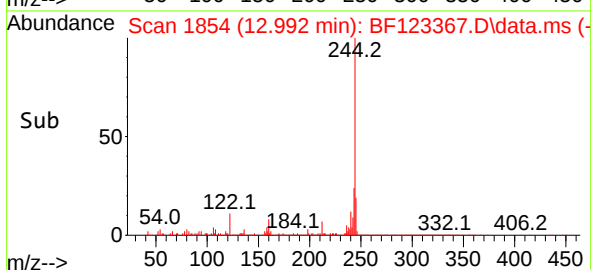
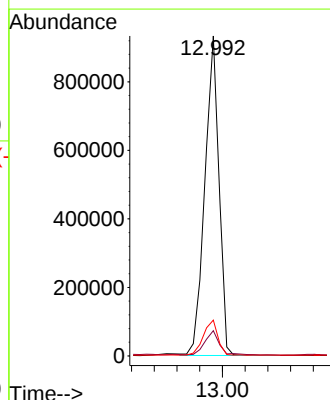
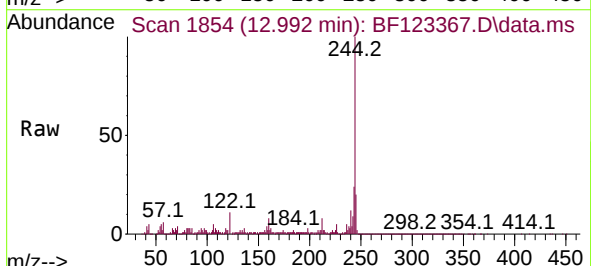
Delta R.T. 0.023 min

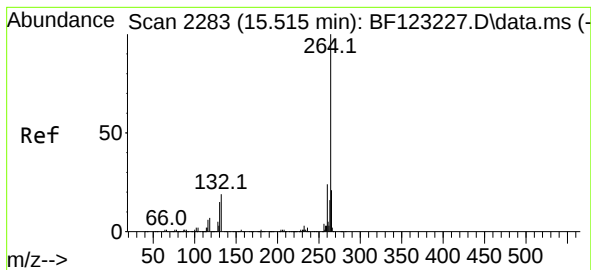
Lab File: BF123367.D

Acq: 3 Mar 2021 21:26

Tgt Ion:244 Resp: 801651

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	11.2	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.082 min
Lab File: BF123367.D
Acq: 3 Mar 2021 21:26

Instrument :
BNA_F
ClientSampleId :
PR-01-030221

Tgt Ion:264 Resp: 1121858

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.3	17.0	25.6

