

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123633.D
 Acq On : 19 Apr 2021 21:00
 Operator : JU/CG
 Sample : M2034-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P1679RE

Quant Time: Apr 20 03:05:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

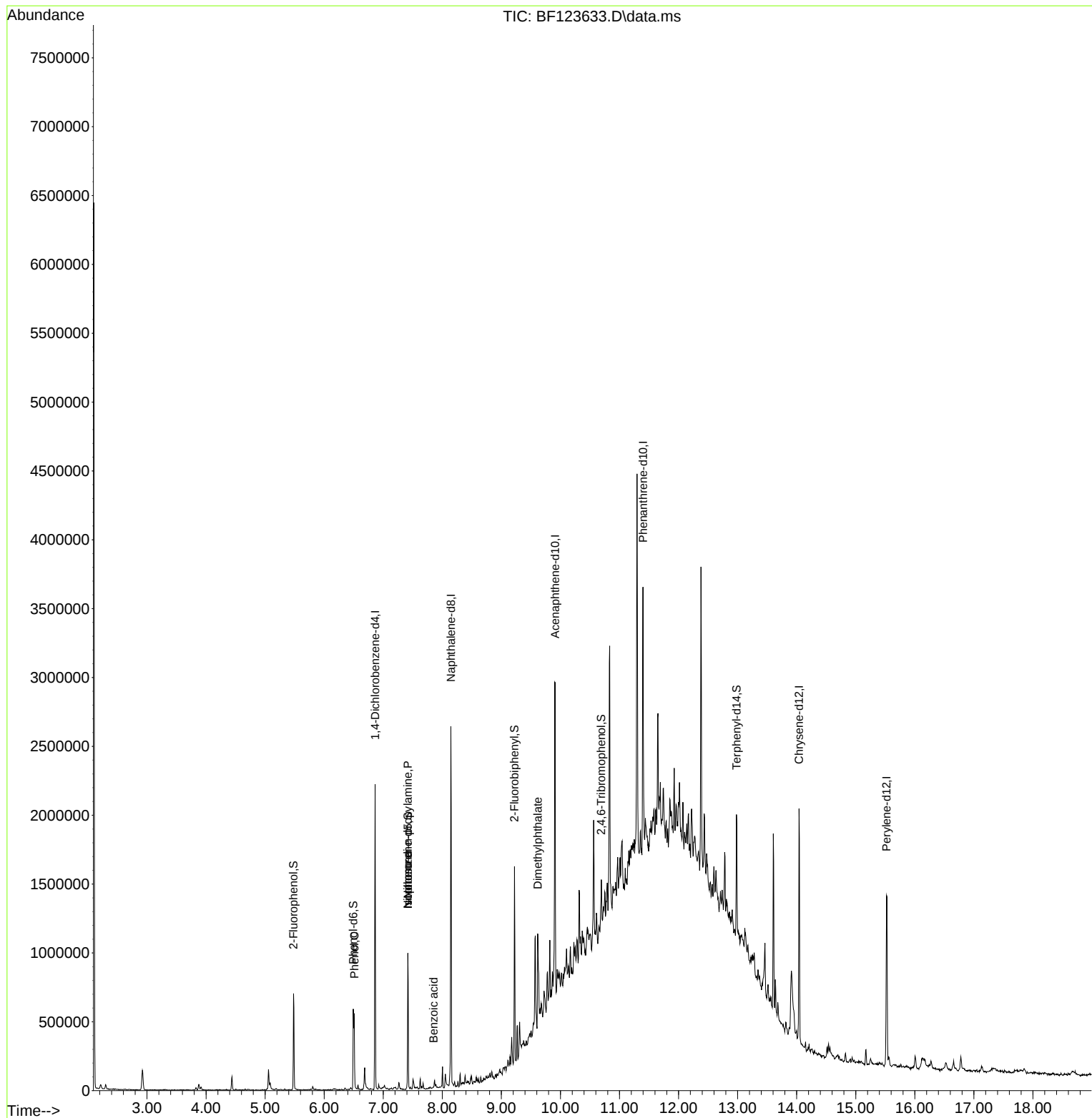
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	259191	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	987043	20.00	ng	#-0.01
39) Acenaphthene-d10	9.910	164	412313	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	628116	20.00	ng	0.00
76) Chrysene-d12	14.039	240	581685	20.00	ng	#-0.02
86) Perylene-d12	15.521	264	593748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	154133	9.61	ng	0.00
7) Phenol-d6	6.492	99	137867	6.20	ng	0.00
23) Nitrobenzene-d5	7.416	82	270538	12.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	42364	9.07	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	352061	12.73	ng	-0.02
79) Terphenyl-d14	12.980	244	246384	8.23	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.510	94	142063	6.02	ng	90
19) n-Nitroso-di-n-propyla...	7.416	70	33401	2.27	ng	# 76
25) Isophorone	7.416	82	268506	6.45	ng	# 69
32) Benzoic acid	7.851	122	375	4.58	ng	# 68
50) Dimethylphthalate	9.616	163	132694	4.66	ng	# 98
89) Benzo(k)fluoranthene	15.151	252	111	Below Cal	#	1
92) Benzo(g,h,i)perylene	17.439	276	914	Below Cal	#	25

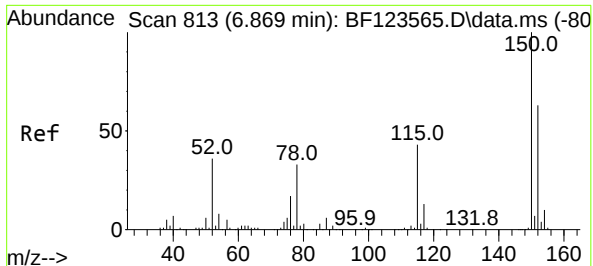
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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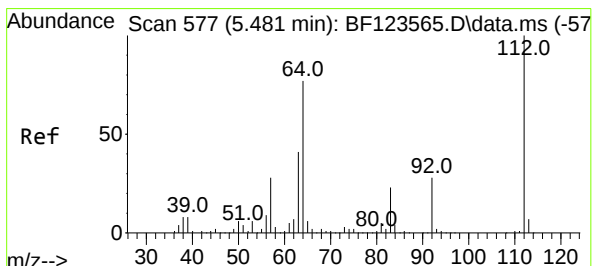
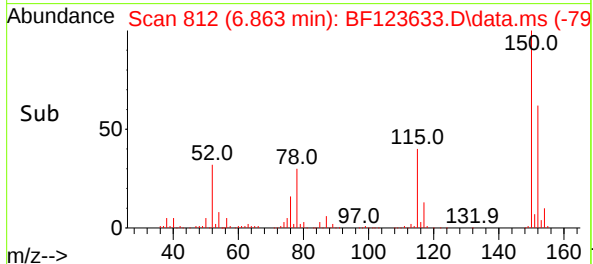
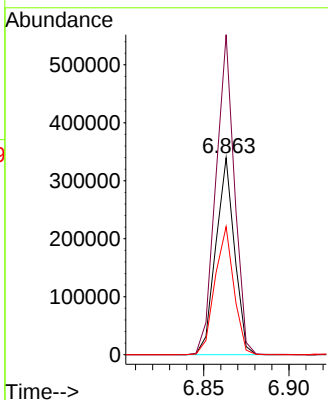
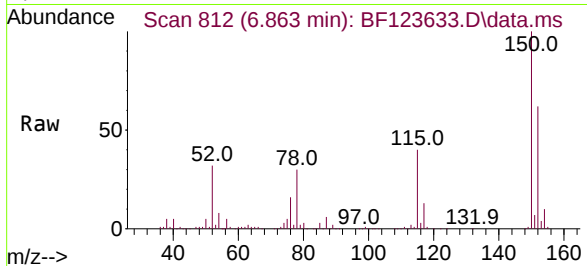




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

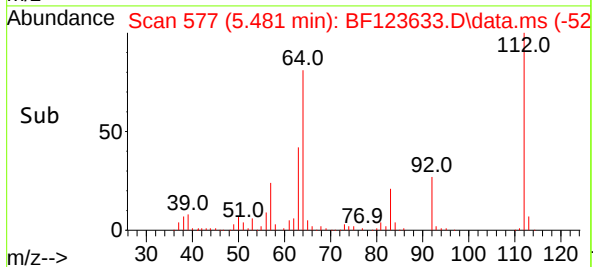
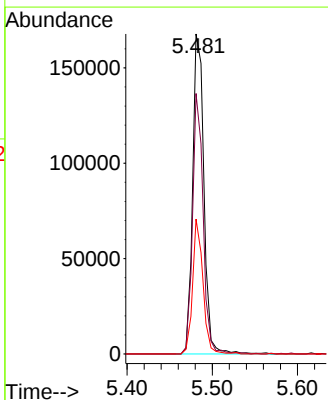
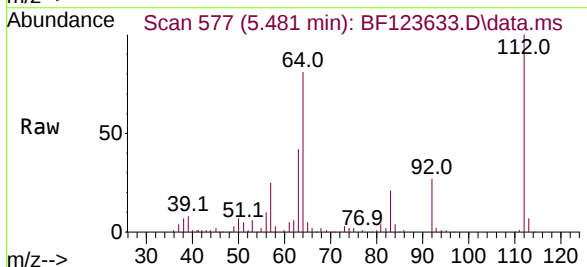
Instrument :
BNA_F
ClientSampleId :
P1679RE

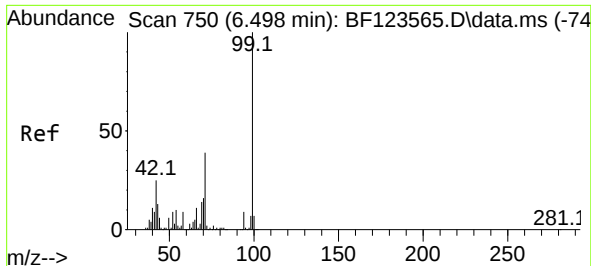
Tgt Ion:152 Resp: 259191
Ion Ratio Lower Upper
152 100
150 162.4 127.0 190.6
115 65.0 54.3 81.5



#5
2-Fluorophenol
Concen: 9.61 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Tgt Ion:112 Resp: 154133
Ion Ratio Lower Upper
112 100
64 81.4 61.4 92.0
63 42.1 33.0 49.4

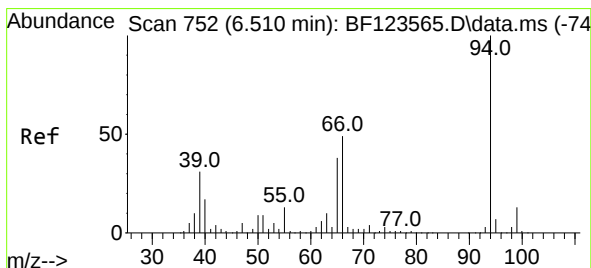
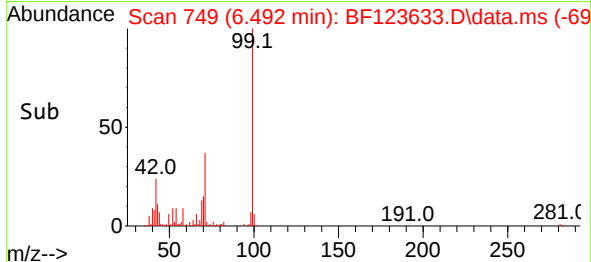
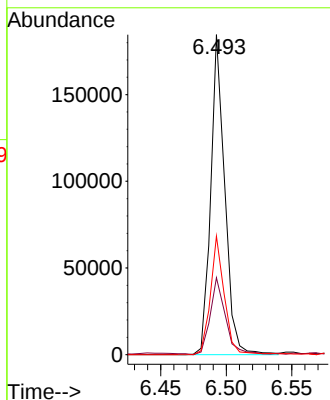
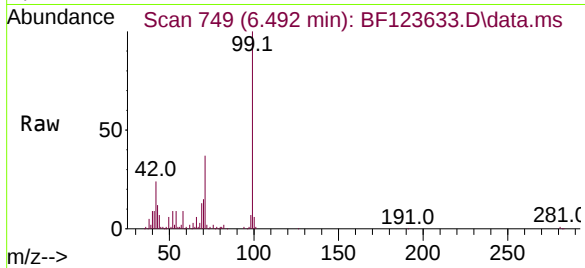




#7
Phenol-d6
Concen: 6.20 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

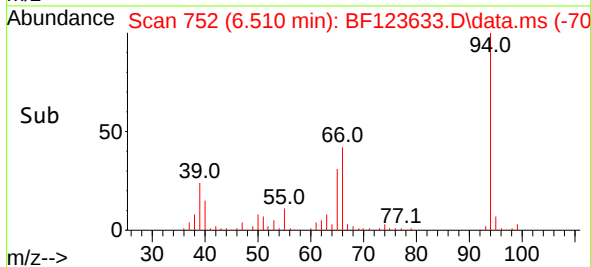
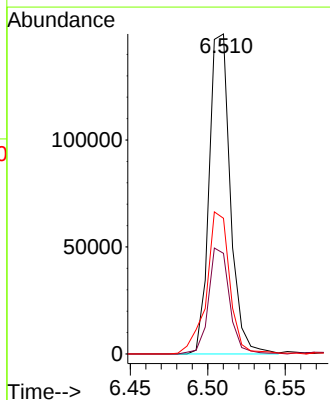
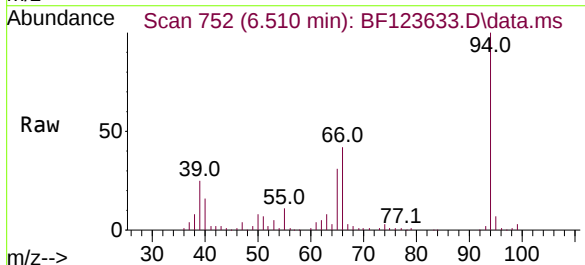
Instrument :
BNA_F
ClientSampleId :
P1679RE

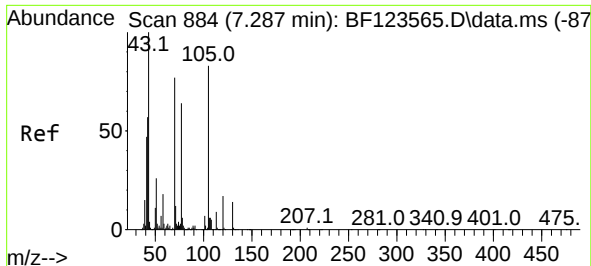
Tgt Ion: 99 Resp: 137867
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 37.1 31.1 46.7



#10
Phenol
Concen: 6.02 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

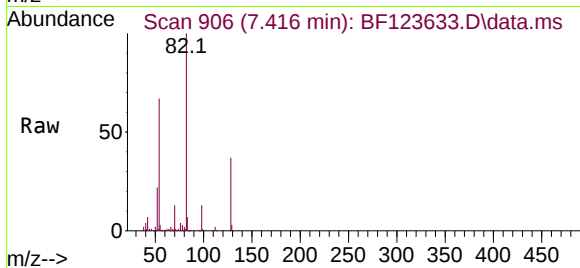
Tgt Ion: 94 Resp: 142063
Ion Ratio Lower Upper
94 100
65 31.4 18.1 58.1
66 42.4 29.0 69.0



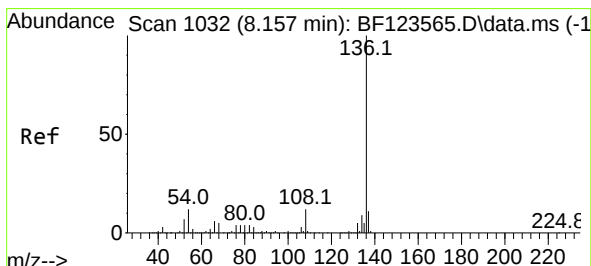
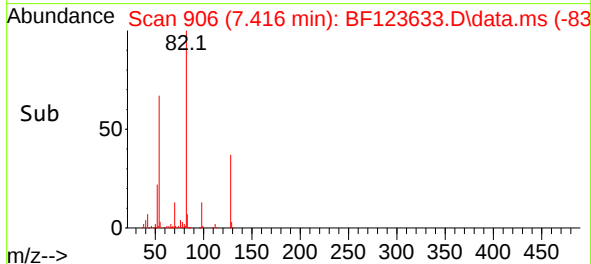
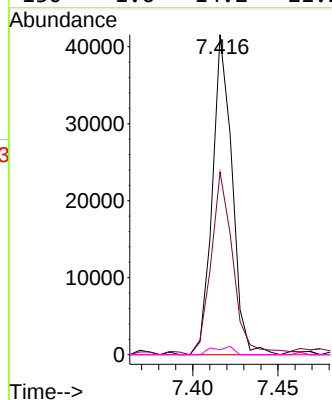


#19
n-Nitroso-di-n-propylamine
Concen: 2.27 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.129 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Instrument :
BNA_F
ClientSampleId :
P1679RE

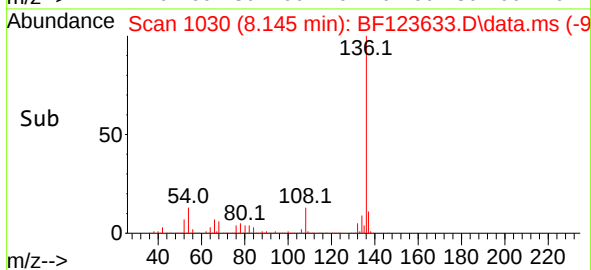
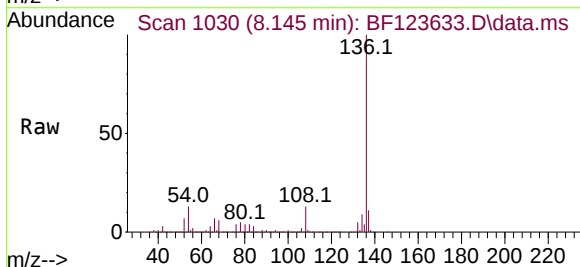
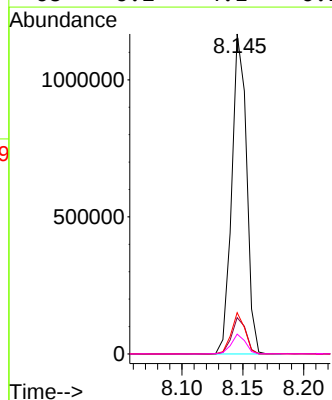


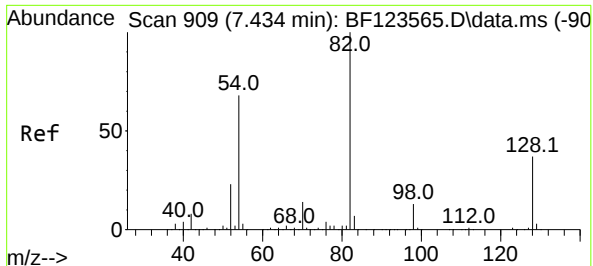
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.0	60.1	90.1#
101	0.0	7.4	11.2#
130	1.6	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.9	9.8	14.6
68	6.2	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 12.60 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF123633.D

Acq: 19 Apr 2021 21:00

Tgt Ion: 82 Resp: 270538

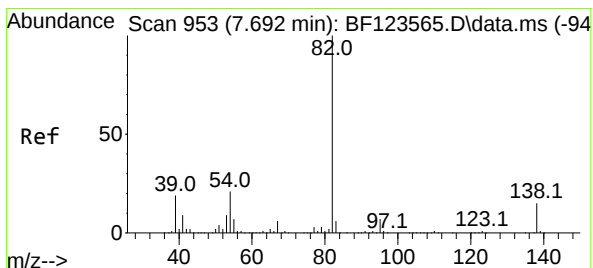
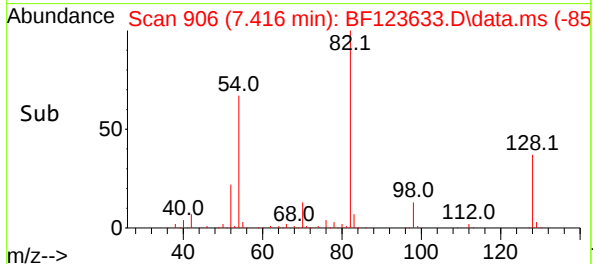
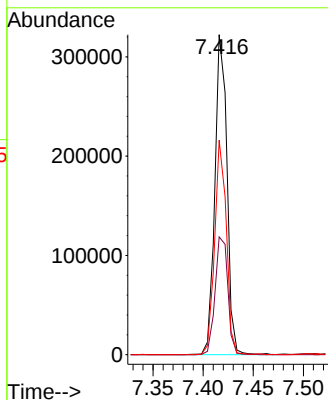
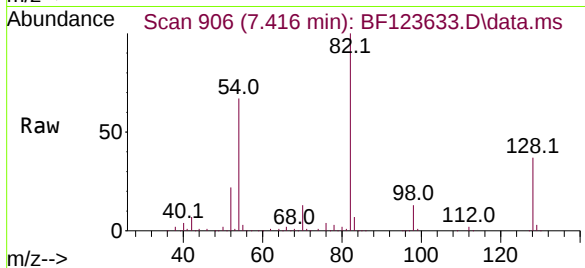
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	67.0	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

P1679RE



#25

Isophorone

Concen: 6.45 ng

RT: 7.416 min Scan# 906

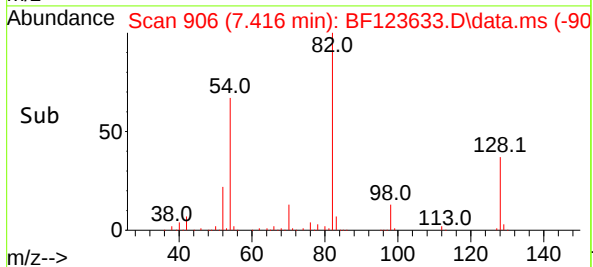
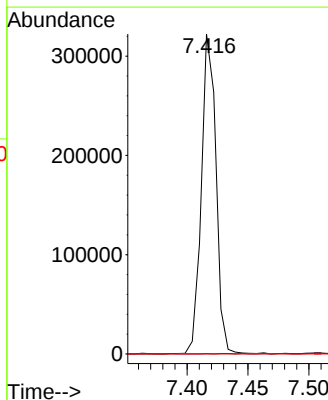
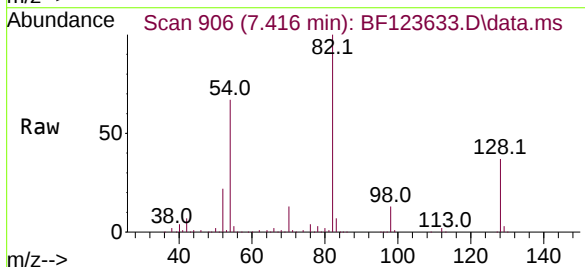
Delta R.T. -0.276 min

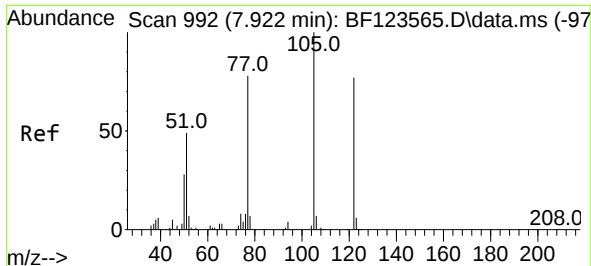
Lab File: BF123633.D

Acq: 19 Apr 2021 21:00

Tgt Ion: 82 Resp: 268506

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

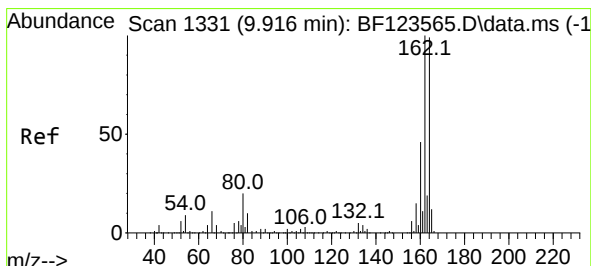
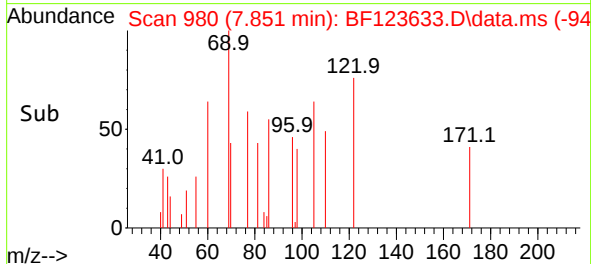
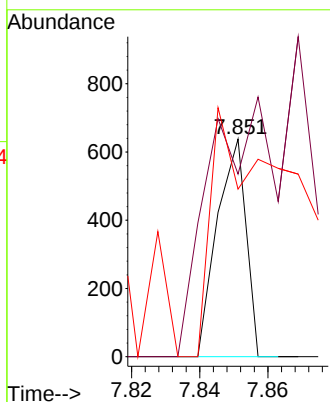
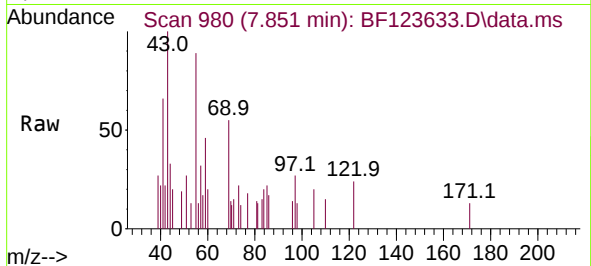




#32
Benzoic acid
Concen: 4.58 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.071 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

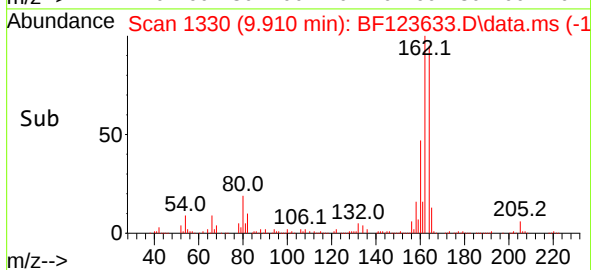
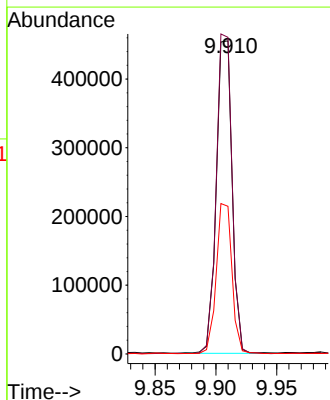
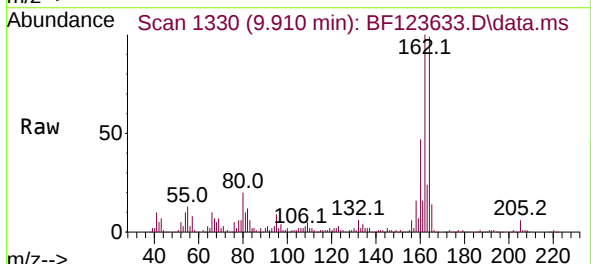
Instrument :
BNA_F
ClientSampleId :
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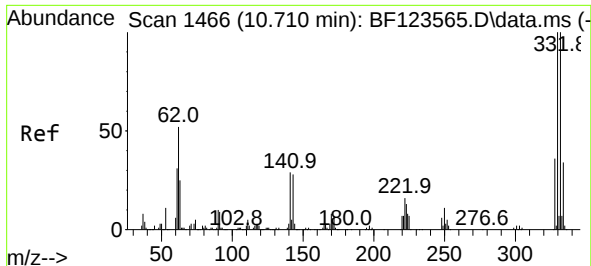
Tgt Ion:122 Resp: 375
Ion Ratio Lower Upper
122 100
105 83.9 107.8 147.8#
77 77.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Tgt Ion:164 Resp: 412313
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 47.2 37.3 55.9

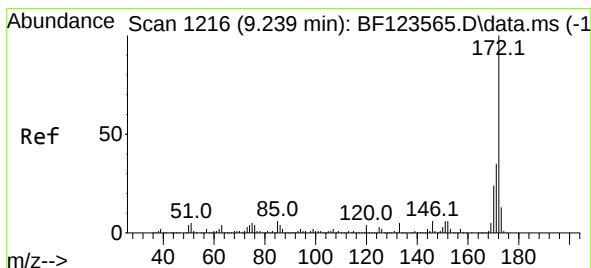
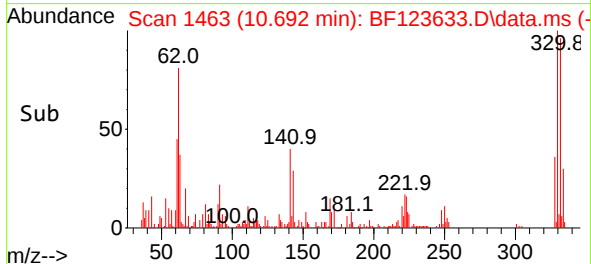
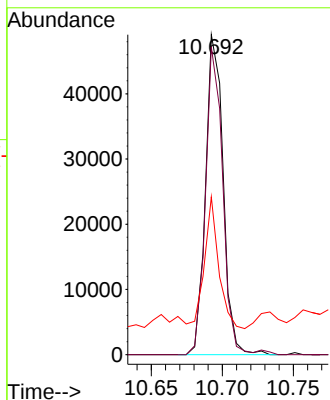
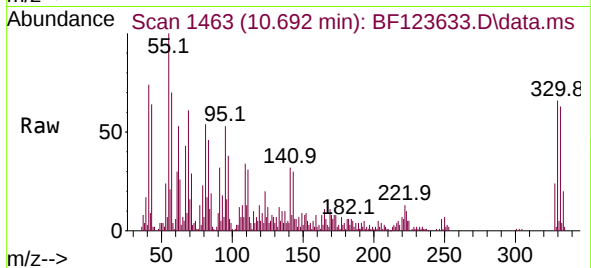




#42
2,4,6-Tribromophenol
Concen: 9.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

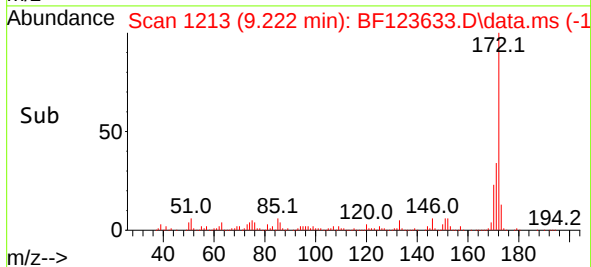
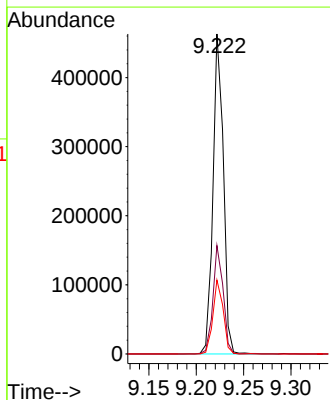
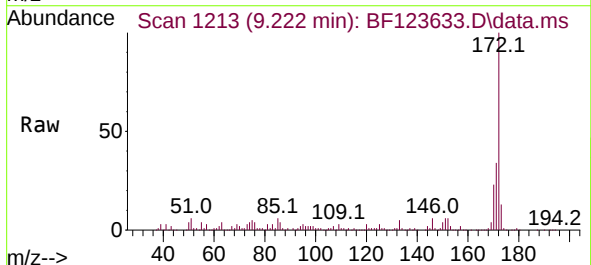
Instrument :
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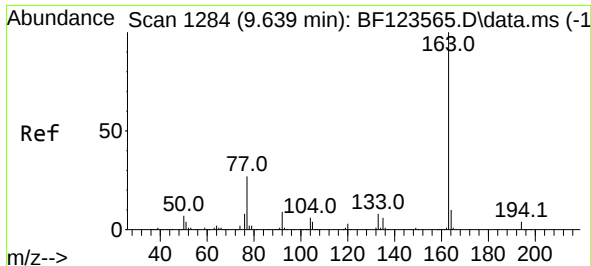
Tgt Ion: 330 Resp: 42364
Ion Ratio Lower Upper
330 100
332 93.4 77.1 115.7
141 33.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 12.73 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.018 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Tgt Ion: 172 Resp: 352061
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 23.1 19.2 28.8

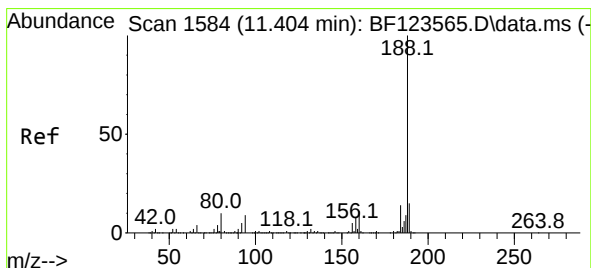
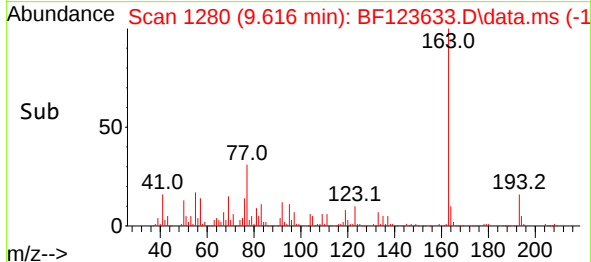
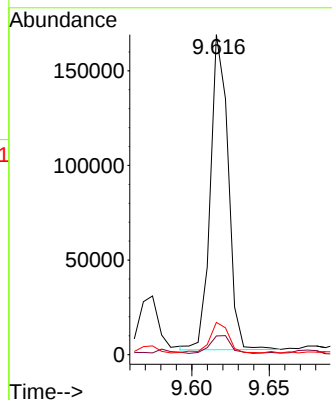
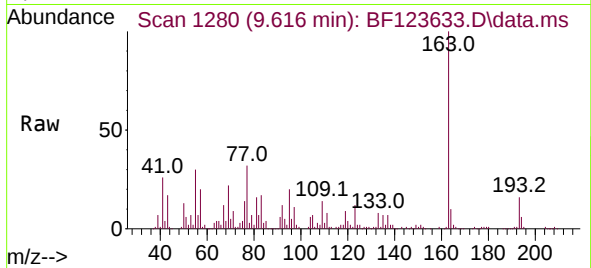




#50
Dimethylphthalate
Concen: 4.66 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

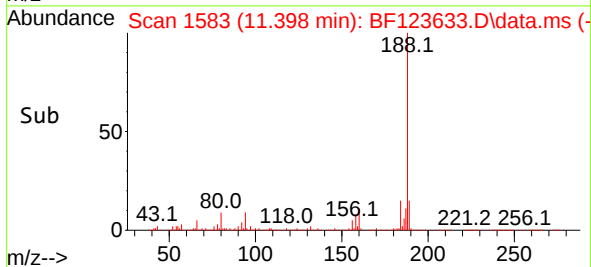
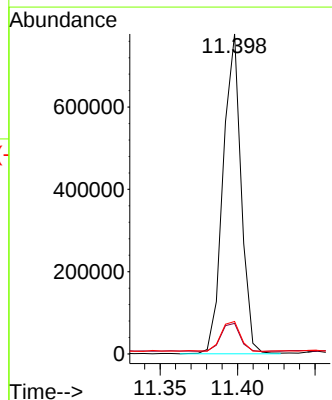
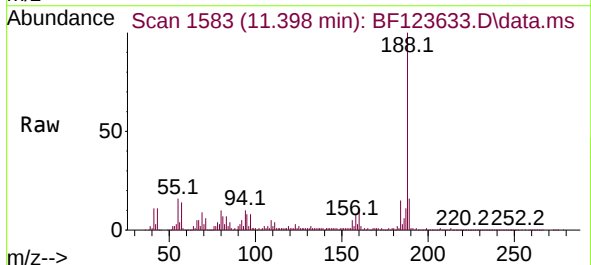
Instrument :
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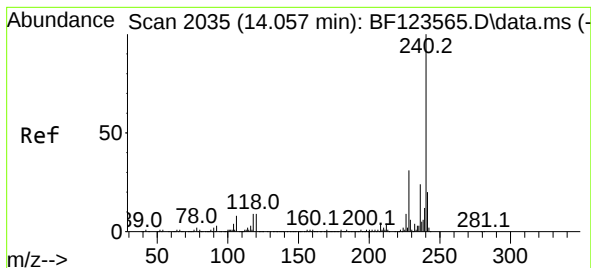
Tgt Ion:163 Resp: 132694
Ion Ratio Lower Upper
163 100
194 5.8 3.1 4.7#
164 10.1 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123633.D
Acq: 19 Apr 2021 21:00

Tgt Ion:188 Resp: 628116
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.1 8.2 12.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BF123633.D

Acq: 19 Apr 2021 21:00

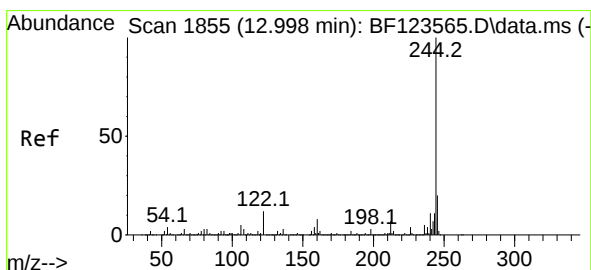
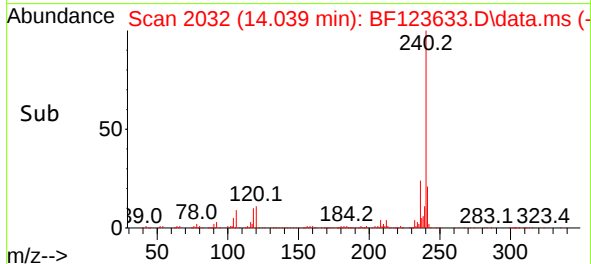
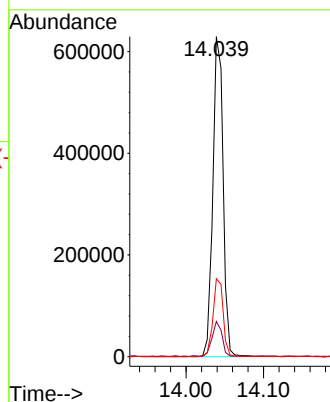
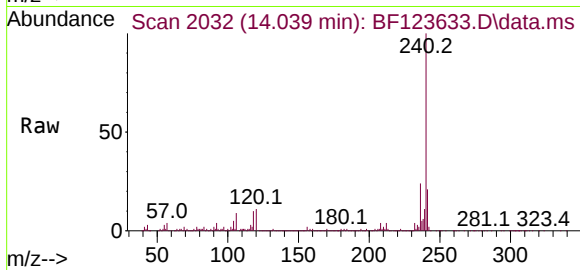
Tgt Ion:240 Resp: 581685

Ion Ratio Lower Upper

240 100

120 11.0 7.2 10.8#

236 24.3 19.0 28.4



#79

Terphenyl-d14

Concen: 8.23 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF123633.D

Acq: 19 Apr 2021 21:00

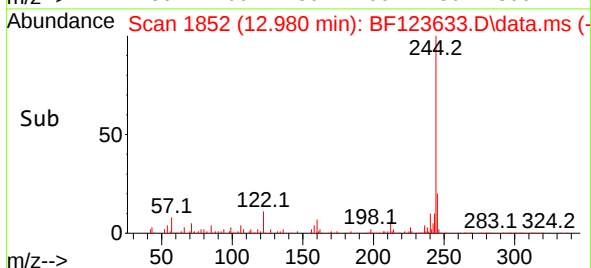
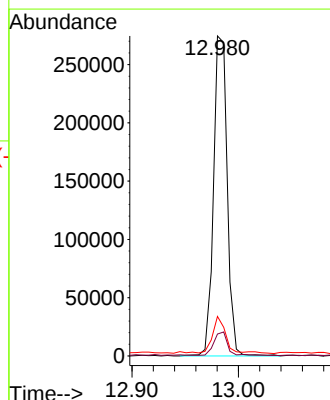
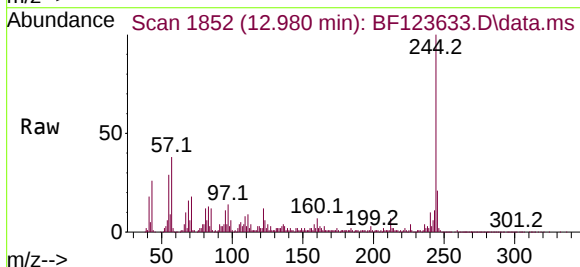
Tgt Ion:244 Resp: 246384

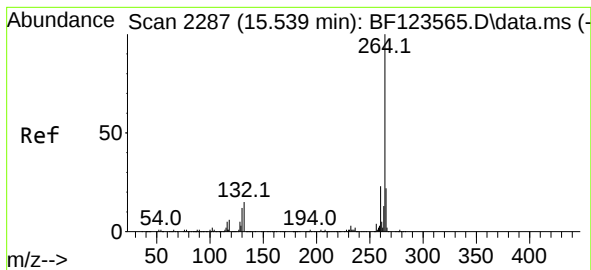
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 12.3 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF123633.D
 Acq: 19 Apr 2021 21:00

Instrument :
 BNA_F
 ClientSampleId :
 P1679RE

Tgt Ion:264 Resp: 593748
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 23.0 17.8 26.8

