

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123712.D
 Acq On : 24 Apr 2021 11:48
 Operator : JU/CG
 Sample : PB135943BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135943BL

Quant Time: Apr 26 02:58:21 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 23 10:48:36 2021
 Response via : Initial Calibration

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

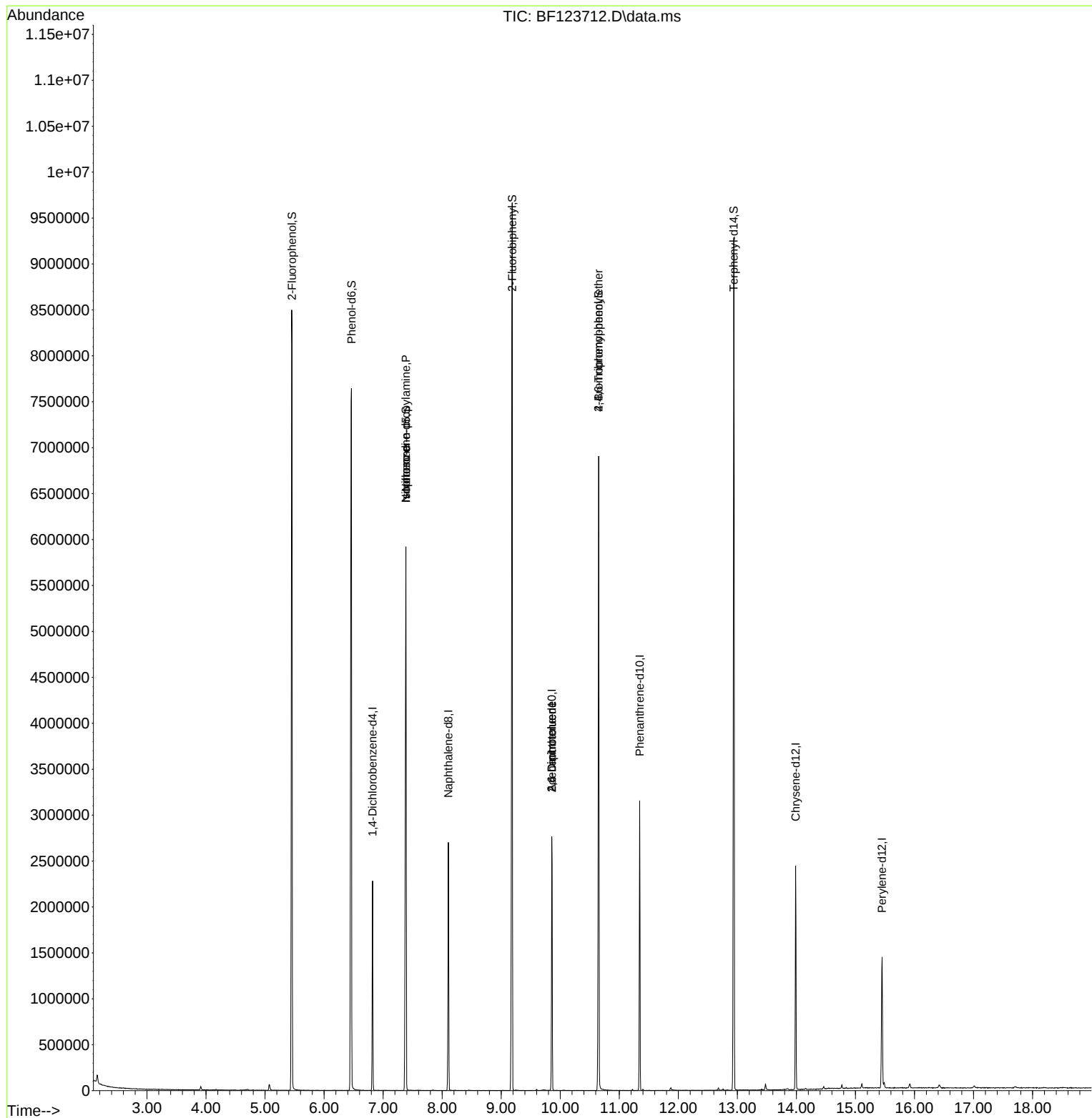
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	284180	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	1080427	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	536797	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	1037539	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	794751	20.00	ng	-0.04
86) Perylene-d12	15.451	264	643859	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2175893	123.75	ng	0.00
7) Phenol-d6	6.463	99	2800846	114.96	ng	-0.01
23) Nitrobenzene-d5	7.386	82	2008081	85.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	812838	133.72	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	3038148	84.37	ng	-0.02
79) Terphenyl-d14	12.939	244	3344205	81.78	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	275136	17.05	ng	# 71
25) Isophorone	7.386	82	2008060	44.04	ng	# 69
51) 2,6-Dinitrotoluene	9.857	165	71428	8.77	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	71428	6.57	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	44795	4.13	ng	# 1
89) Benzo(k)fluoranthene	15.021	252	177	Below Cal		# 60
92) Benzo(g,h,i)perylene	17.345	276	199	Below Cal		# 56

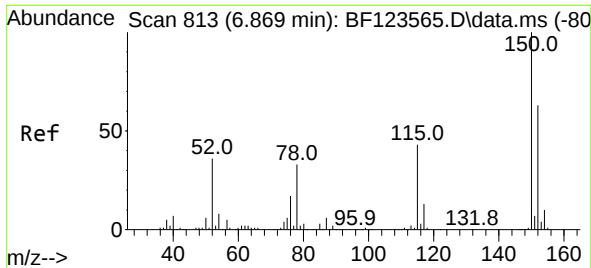
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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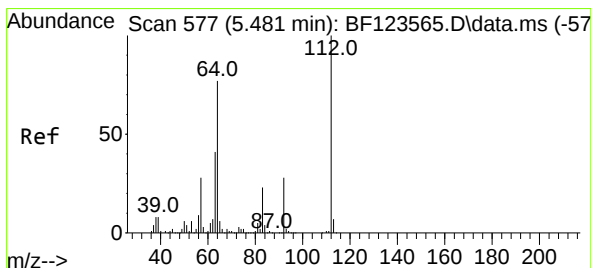
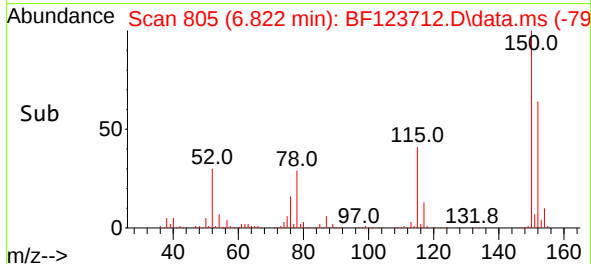
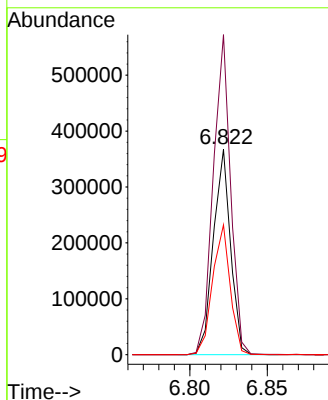
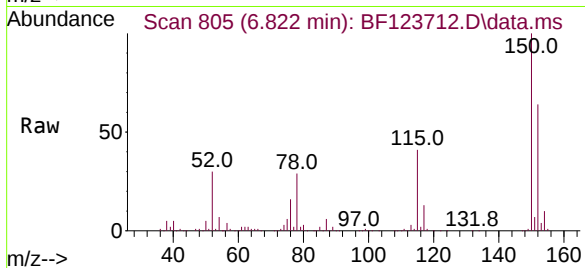




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.017 min
 Lab File: BF123712.D
 Acq: 24 Apr 2021 11:48

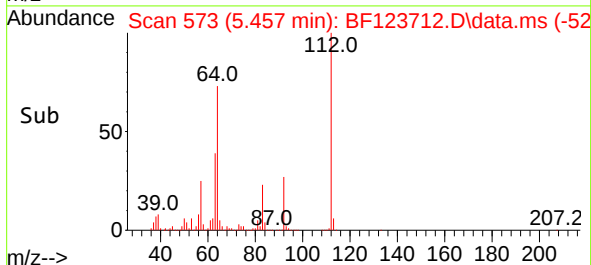
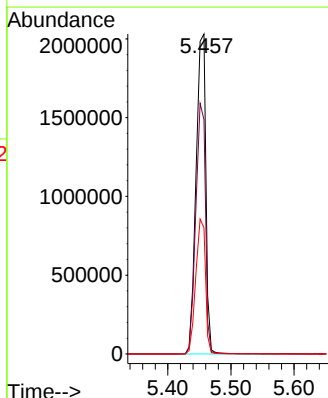
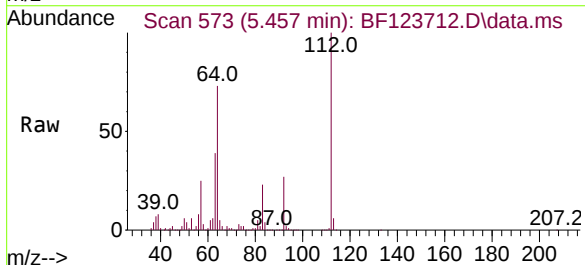
Instrument :
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 ClientSampleId :
 PB135943BL

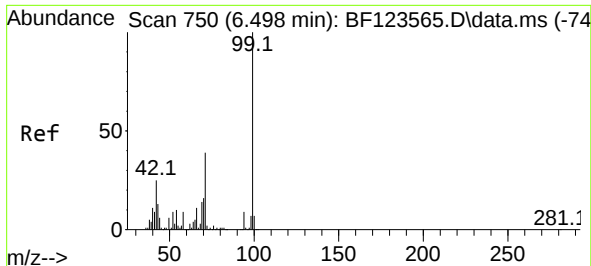
Tgt Ion:152 Resp: 284180
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 63.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 123.75 ng
 RT: 5.457 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF123712.D
 Acq: 24 Apr 2021 11:48

Tgt Ion:112 Resp: 2175893
 Ion Ratio Lower Upper
 112 100
 64 73.2 61.4 92.0
 63 39.4 33.0 49.4

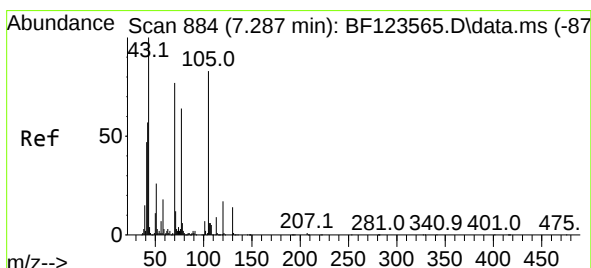
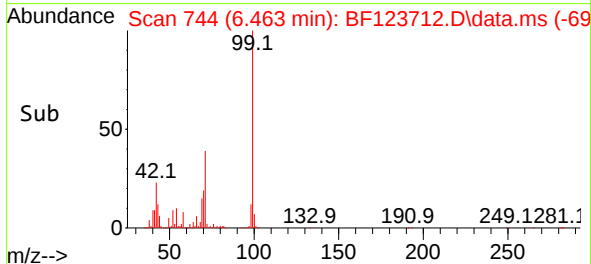
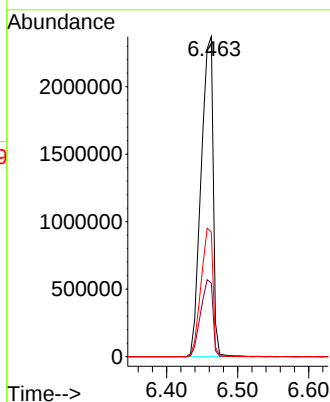
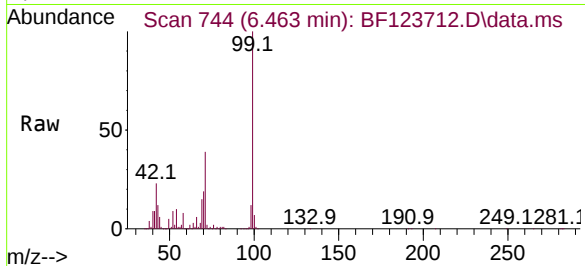




#7
Phenol-d6
Concen: 114.96 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

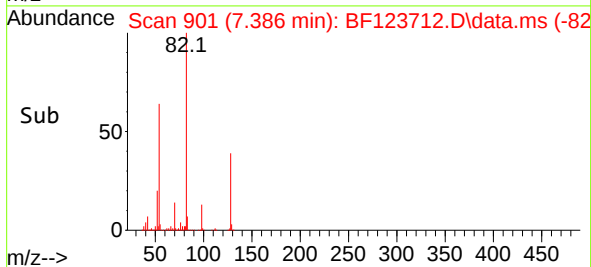
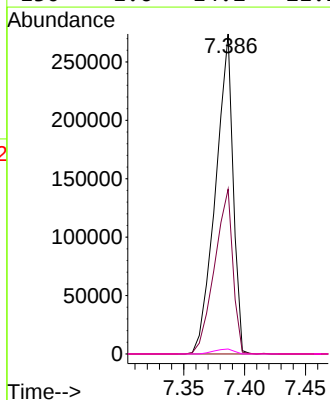
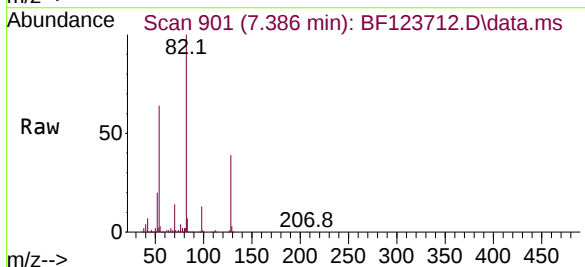
Instrument :
BNA_F
ClientSampleId :
PB135943BL

Tgt Ion: 99 Resp: 2800846
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 39.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.05 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.129 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion: 70 Resp: 275136
Ion Ratio Lower Upper
70 100
42 51.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



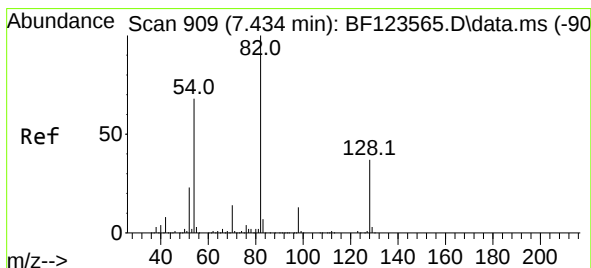
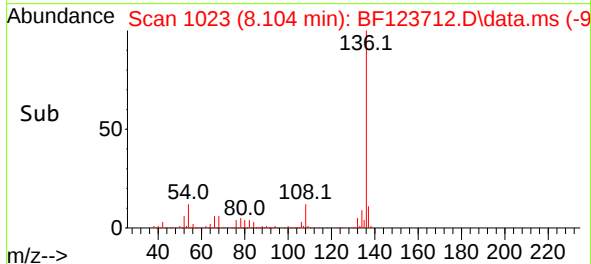
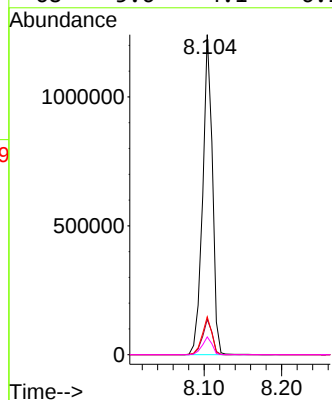
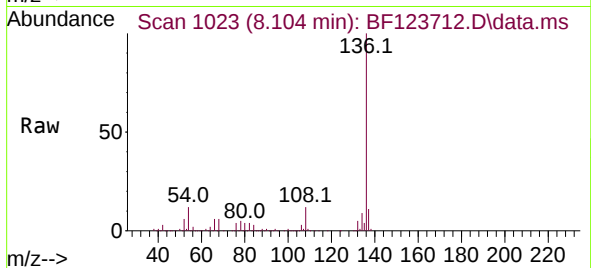


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Instrument :
BNA_F
ClientSampleId :
PB135943BL

Tgt Ion:136 Resp: 1080427

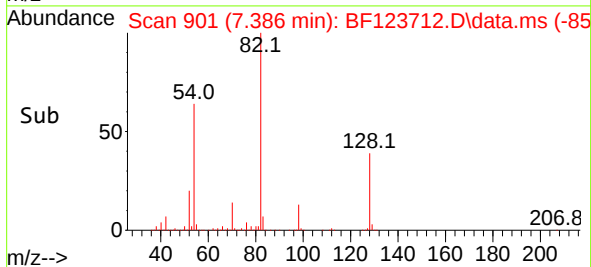
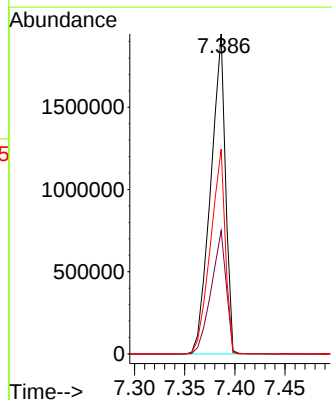
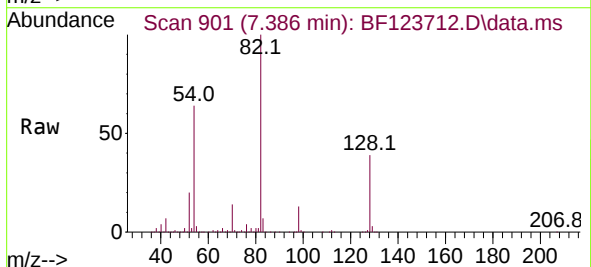
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.9	9.8	14.6
68	5.6	4.1	6.1

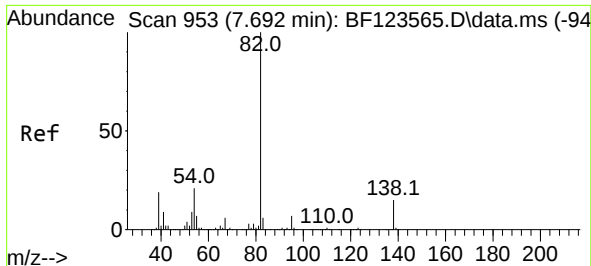


#23
Nitrobenzene-d5
Concen: 85.44 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.018 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion: 82 Resp: 2008081

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	64.0	54.1	81.1

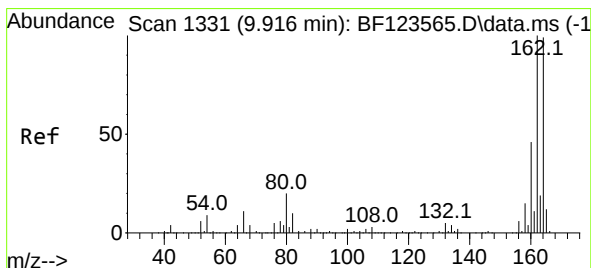
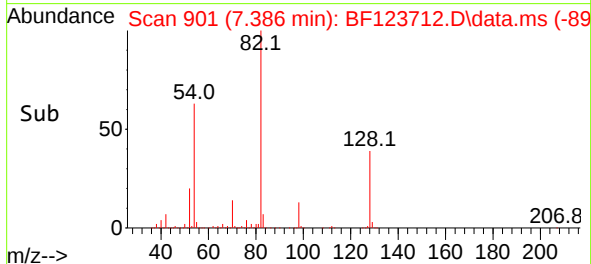
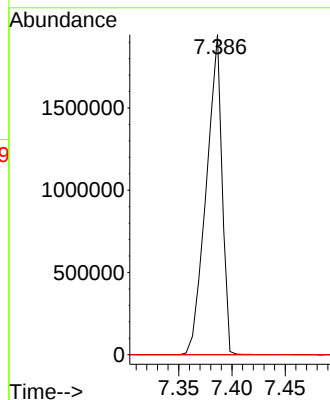
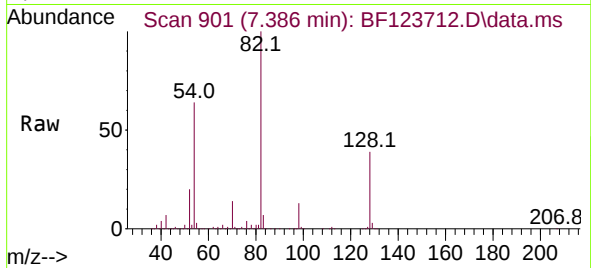




#25
Isophorone
Concen: 44.04 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.276 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

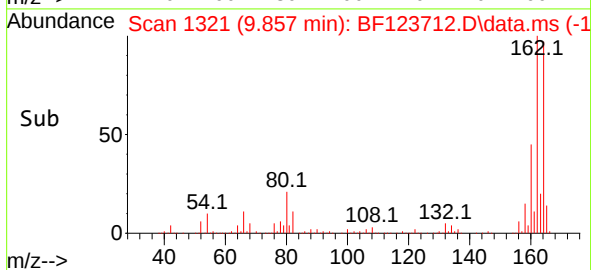
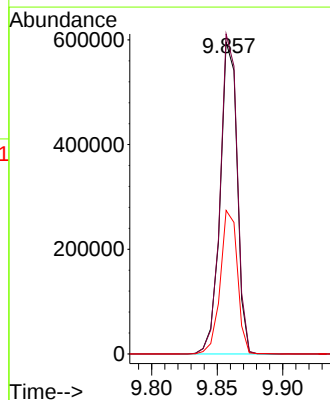
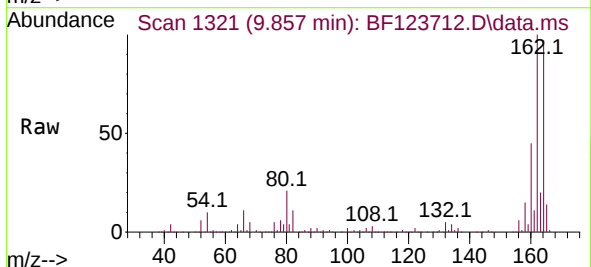
Instrument :
BNA_F
ClientSampleId :
PB135943BL

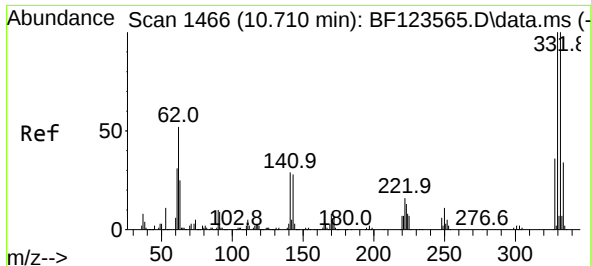
Tgt Ion: 82 Resp: 2008060
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion:164 Resp: 536797
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 46.0 37.3 55.9

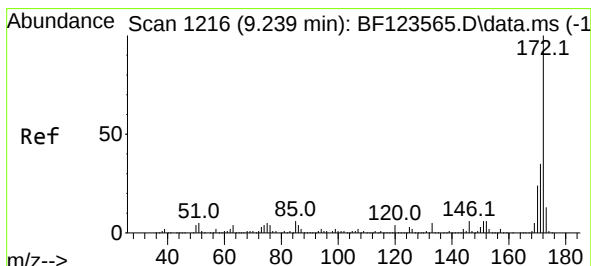
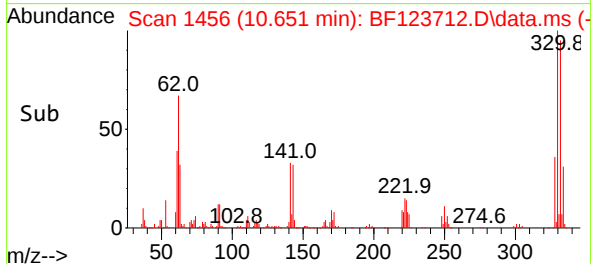
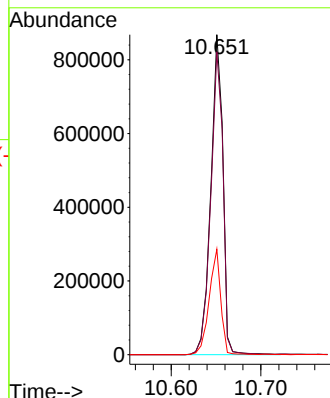
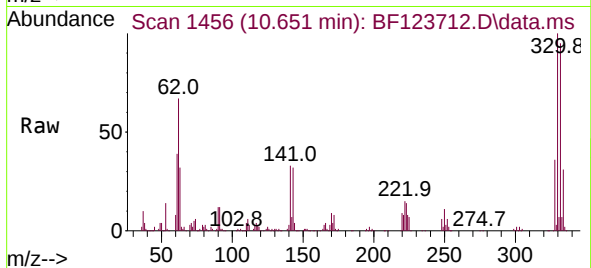




#42
2,4,6-Tribromophenol
Concen: 133.72 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

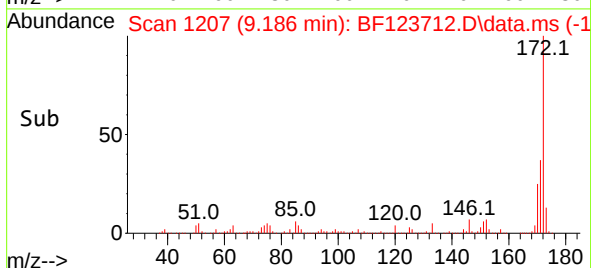
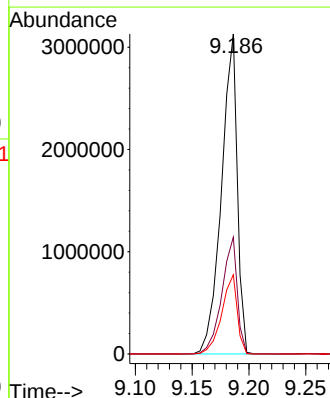
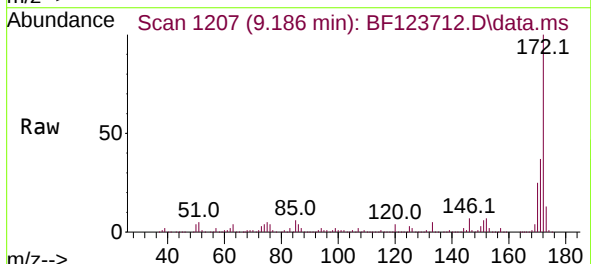
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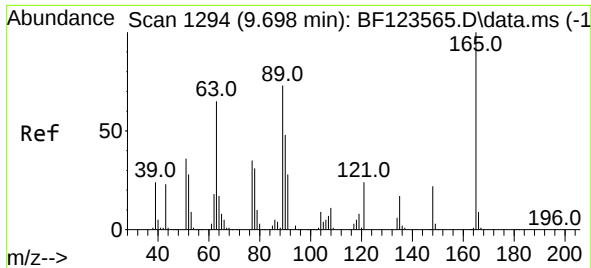
Tgt Ion: 330 Resp: 812838
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 31.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.37 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion: 172 Resp: 3038148
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.8 19.2 28.8

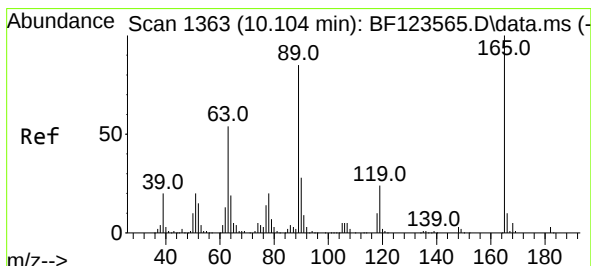
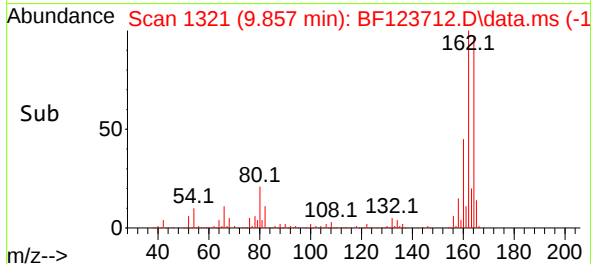
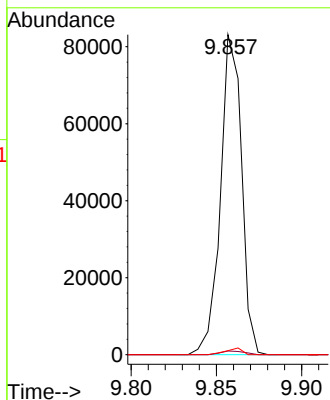
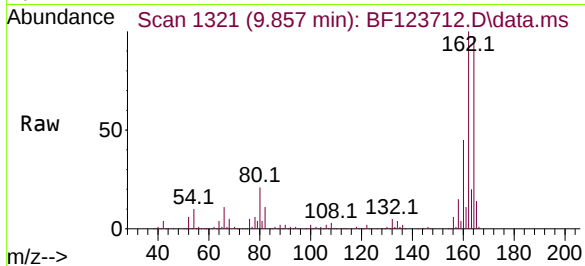




#51
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

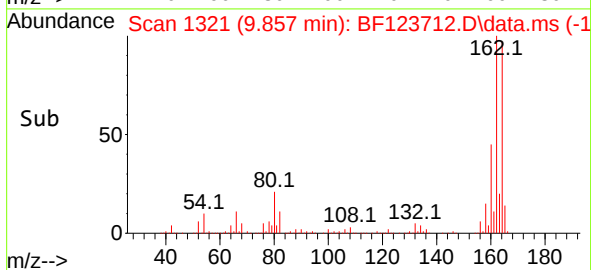
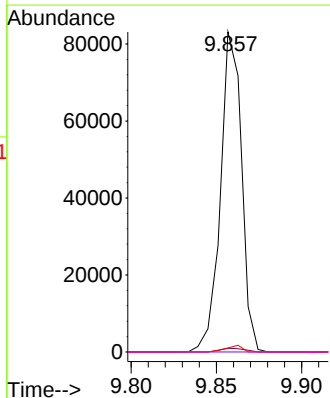
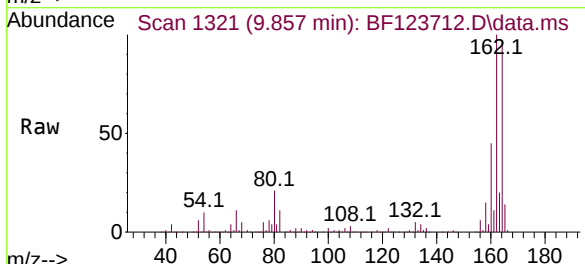
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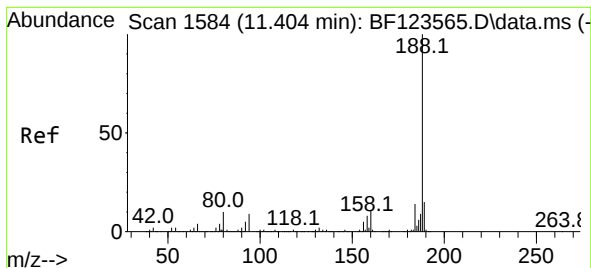
Tgt Ion:165 Resp: 71428
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion:165 Resp: 71428
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

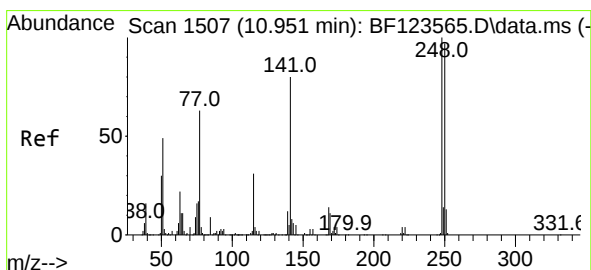
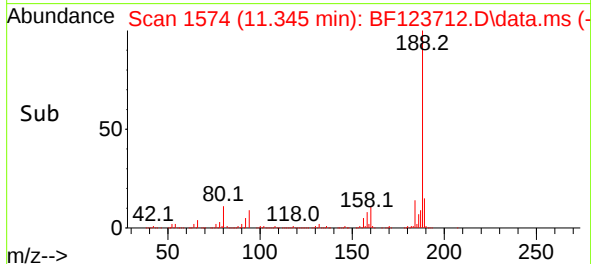
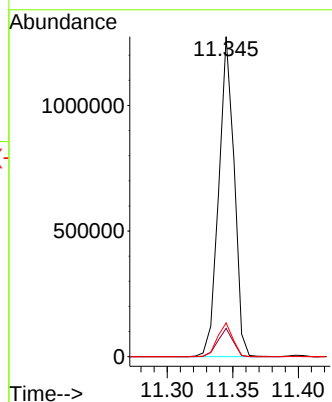
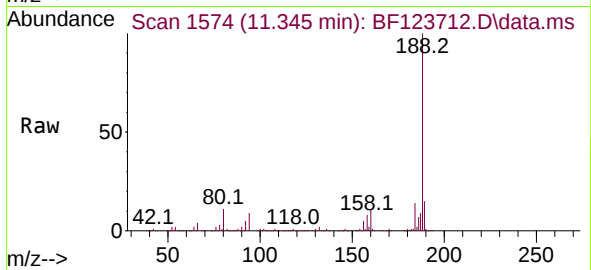




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

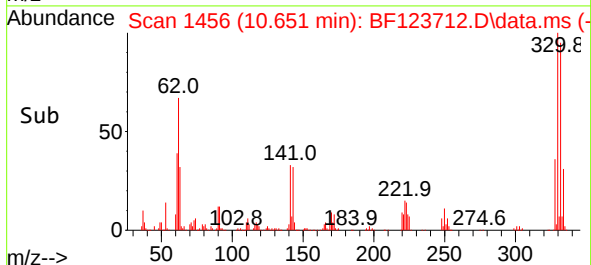
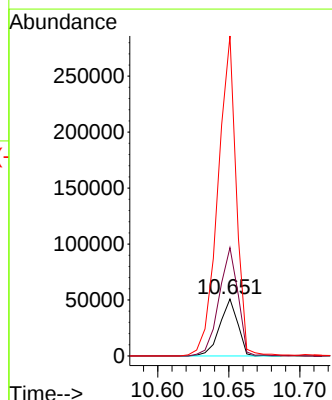
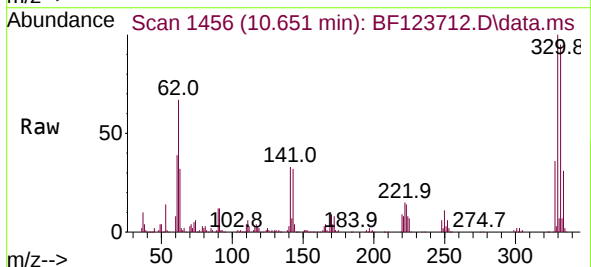
Instrument :
BNA_F
ClientSampleId :
PB135943BL

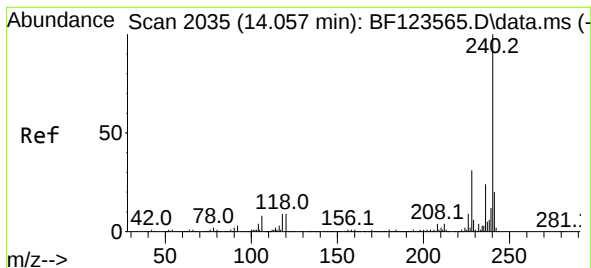
Tgt Ion:188 Resp: 1037539
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion:248 Resp: 44795
Ion Ratio Lower Upper
248 100
250 190.1 77.4 116.2#
141 561.8 63.7 95.5#

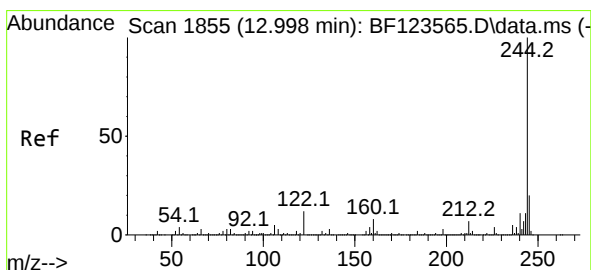
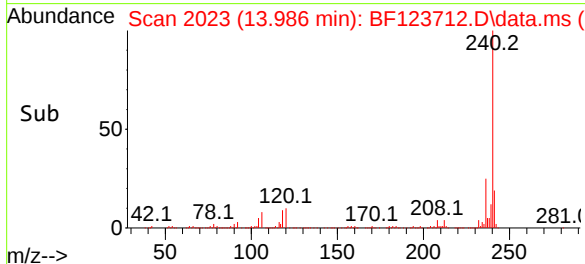
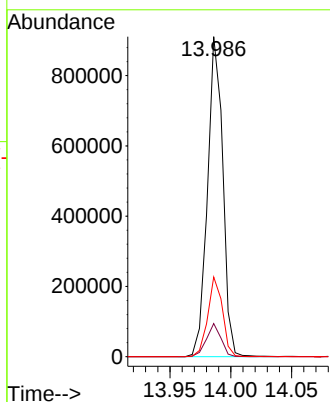
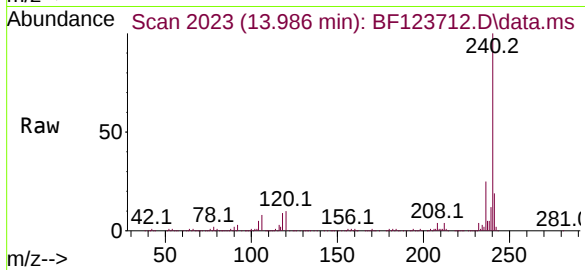




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

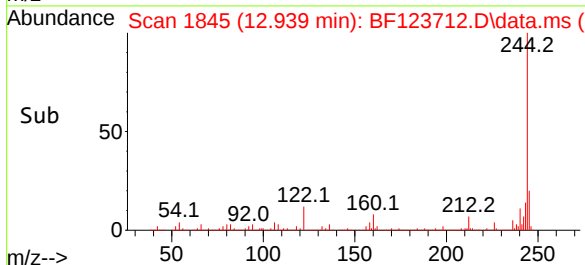
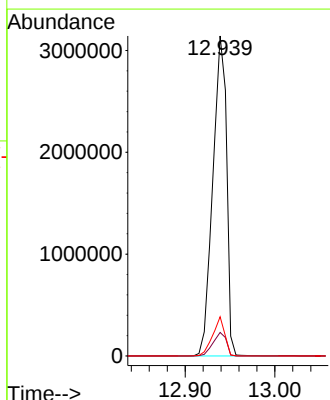
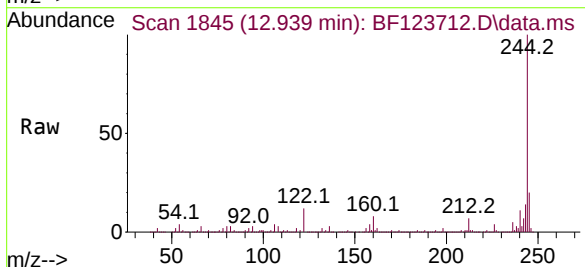
Instrument :
BNA_F
ClientSampleId :
PB135943BL

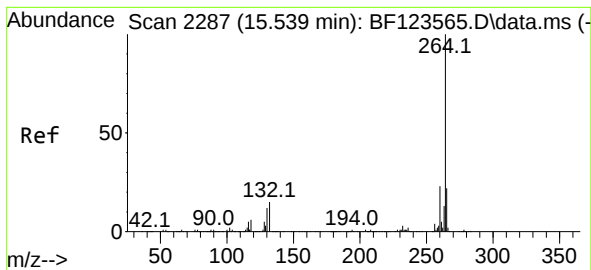
Tgt Ion:240 Resp: 794751
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 24.9 19.0 28.4



#79
Terphenyl-d14
Concen: 81.78 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.024 min
Lab File: BF123712.D
Acq: 24 Apr 2021 11:48

Tgt Ion:244 Resp: 3344205
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.3 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.041 min
 Lab File: BF123712.D
 Acq: 24 Apr 2021 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB135943BL

Tgt Ion:264 Resp: 643859
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.2 17.8 26.8

