

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123629.D
 Acq On : 19 Apr 2021 18:48
 Operator : JU/CG
 Sample : M2063-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-2-4

Quant Time: Apr 20 03:04:28 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)

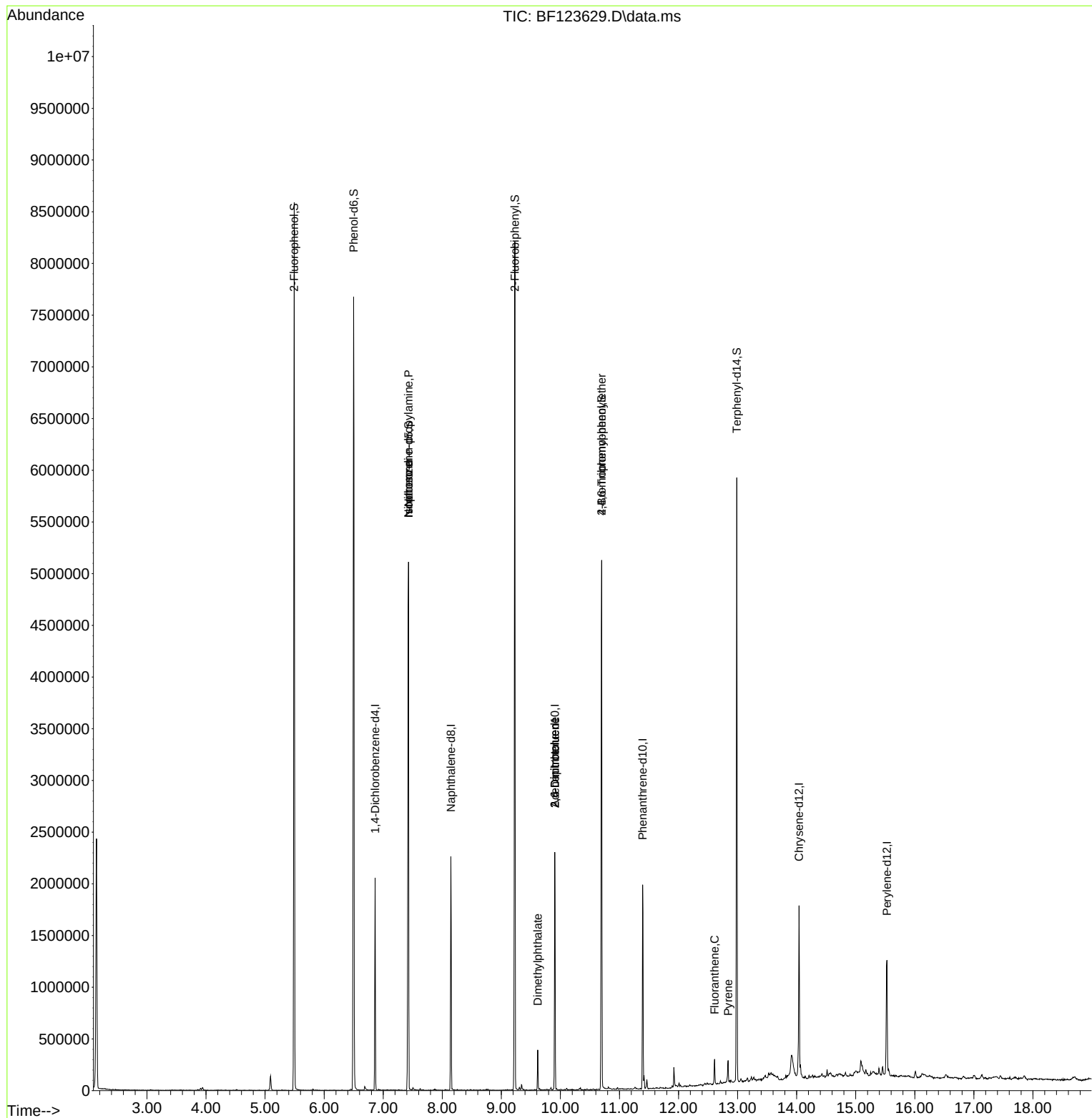
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	235820	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	869827	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	408701	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	699762	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	488997	20.00	ng	-0.02
86) Perylene-d12	15.527	264	526965	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1819764	124.72	ng	0.01
7) Phenol-d6	6.498	99	2377363	117.58	ng	0.00
23) Nitrobenzene-d5	7.428	82	1689145	89.27	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	591926	127.90	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2214414	80.77	ng	-0.01
79) Terphenyl-d14	12.986	244	1743908	69.31	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	233897	17.46	ng	# 73
25) Isophorone	7.428	82	1689129	46.01	ng	# 69
50) Dimethylphthalate	9.616	163	111388	3.94	ng	99
51) 2,6-Dinitrotoluene	9.904	165	52713	8.50	ng	# 11
57) 2,4-Dinitrotoluene	9.904	165	52713	6.37	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	33632	4.60	ng	# 1
75) Fluoranthene	12.610	202	91207	2.27	ng	96
78) Pyrene	12.839	202	83729	2.35	ng	97
92) Benzo(g,h,i)perylene	17.451	276	19282	Below Cal		# 95

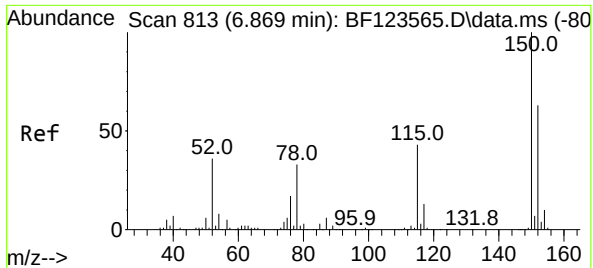
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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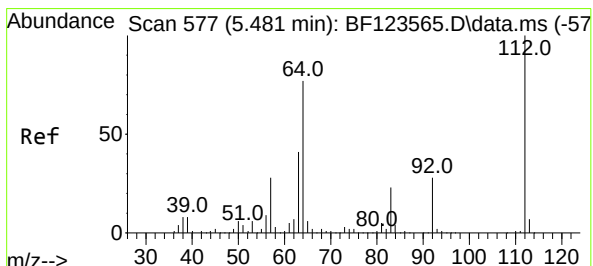
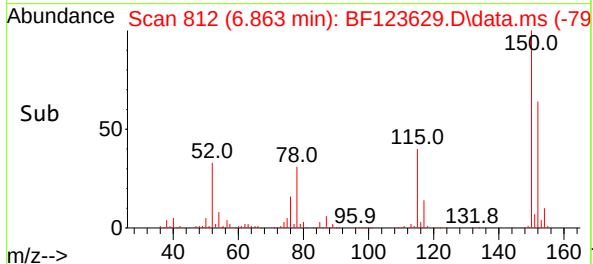
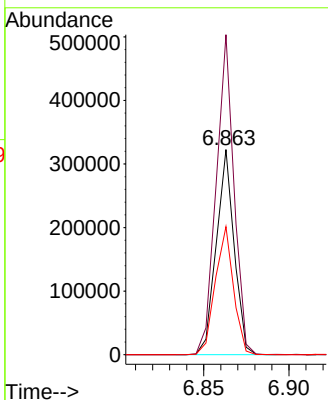
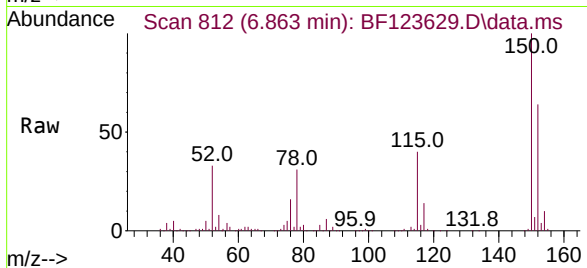




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

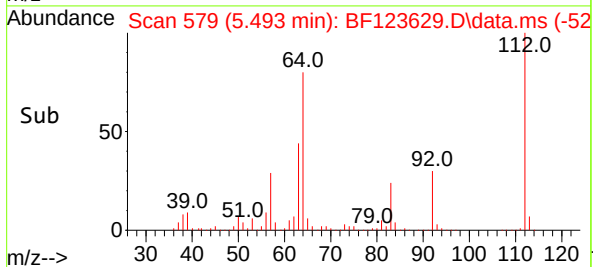
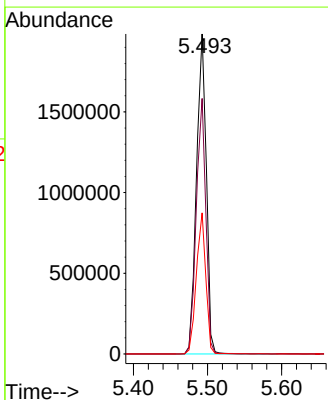
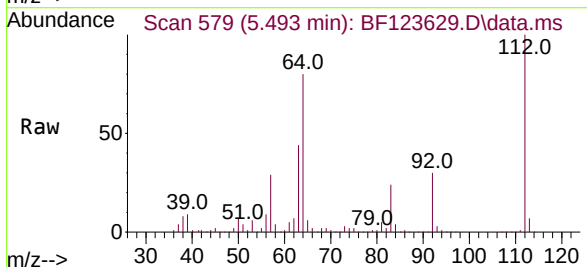
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

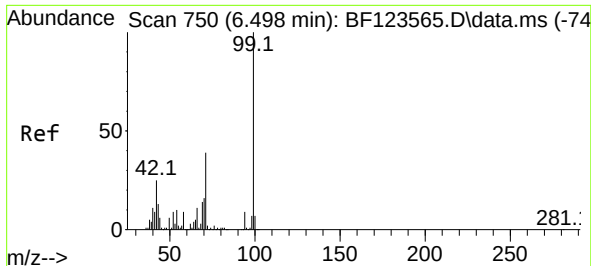
Tgt Ion:152 Resp: 235820
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 62.4 54.3 81.5



#5
2-Fluorophenol
Concen: 124.72 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:112 Resp: 1819764
Ion Ratio Lower Upper
112 100
64 79.8 61.4 92.0
63 44.1 33.0 49.4



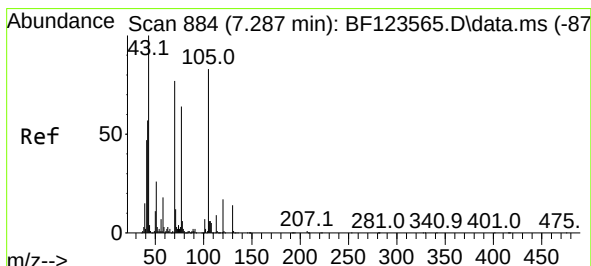
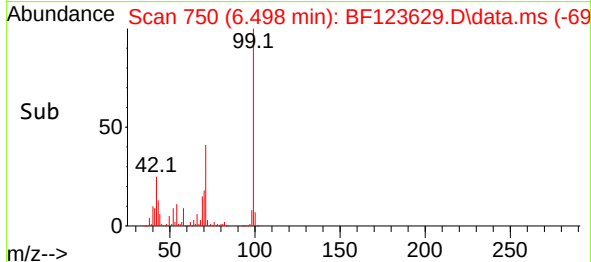
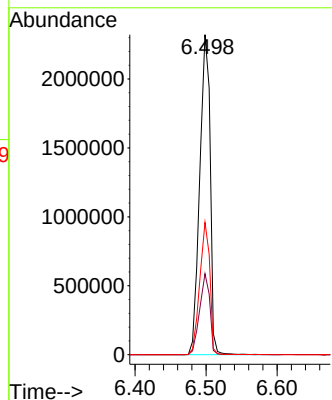
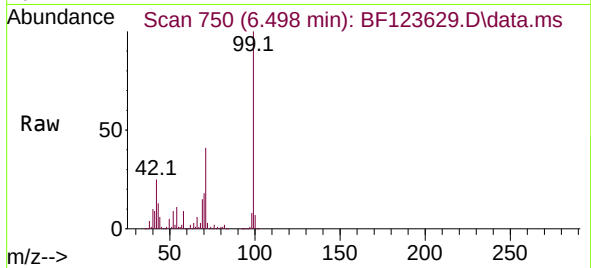


#7
Phenol-d6
Concen: 117.58 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Instrument :
BNA_F
ClientSampleId :
TP3-2-4

Tgt Ion: 99 Resp: 2377363

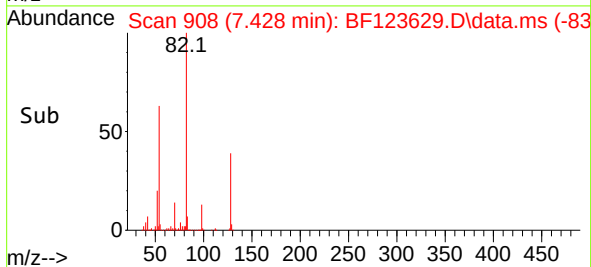
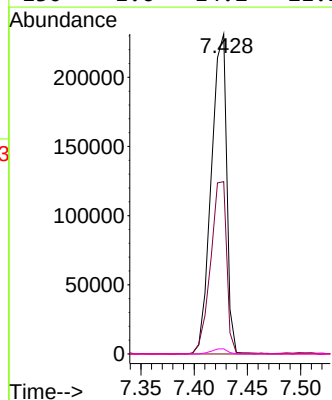
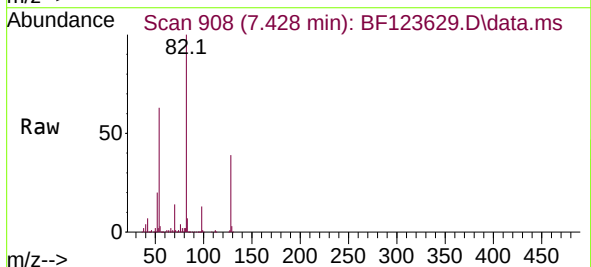
Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	41.3	31.1	46.7

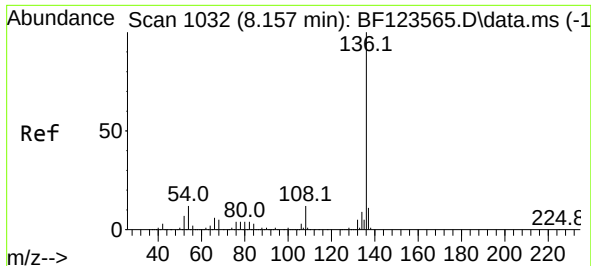


#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion: 70 Resp: 233897

Ion	Ratio	Lower	Upper
70	100		
42	53.8	60.1	90.1#
101	0.0	7.4	11.2#
130	1.6	14.2	21.2#

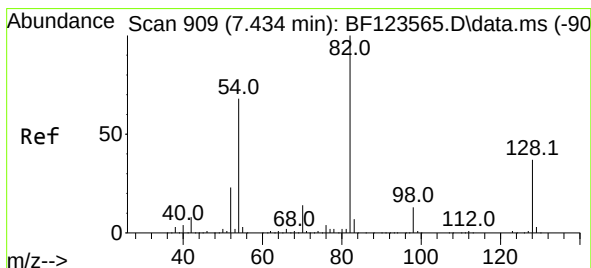
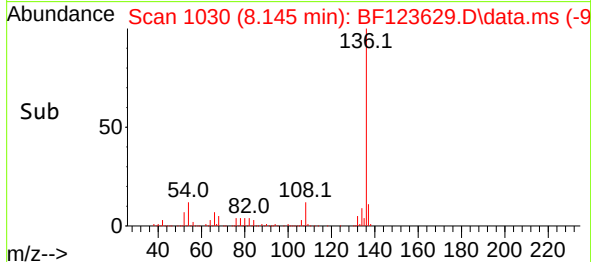
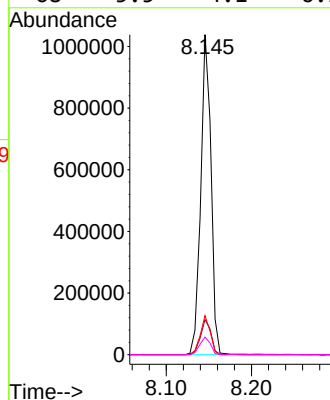
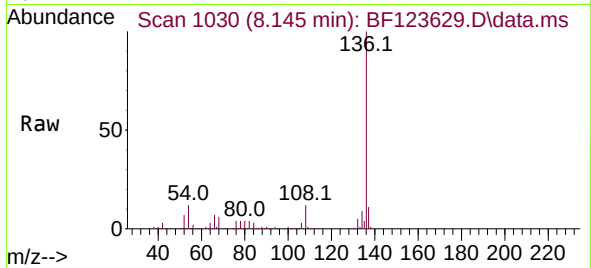




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

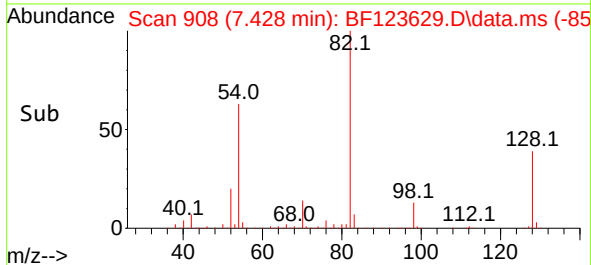
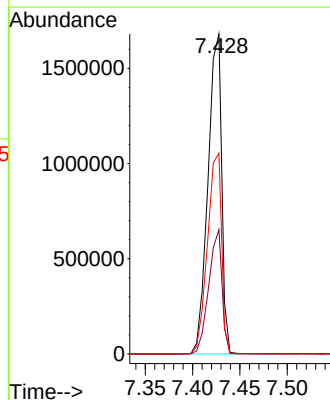
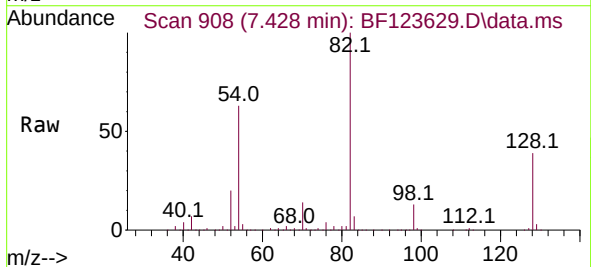
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

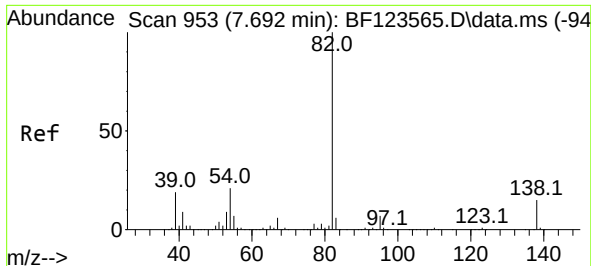
Tgt Ion:136	Resp: 869827
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 12.2	9.8 14.6
68 5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 89.27 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion: 82	Resp: 1689145
Ion Ratio	Lower Upper
82 100	
128 38.8	29.4 44.2
54 62.8	54.1 81.1

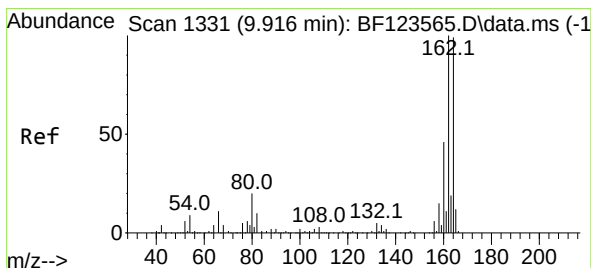
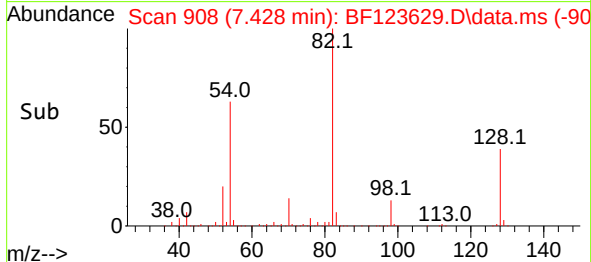
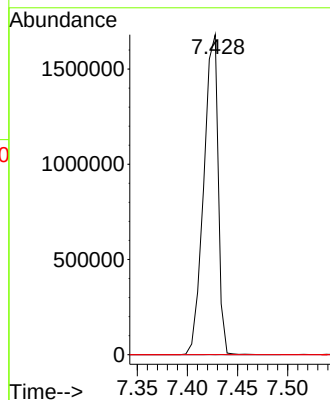
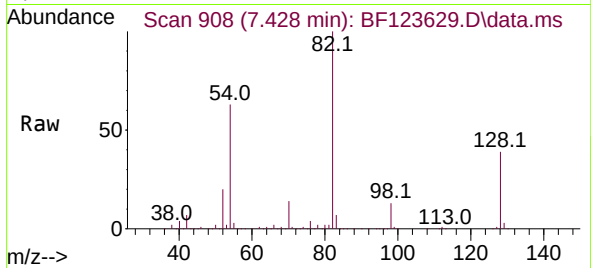




#25
Isophorone
Concen: 46.01 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

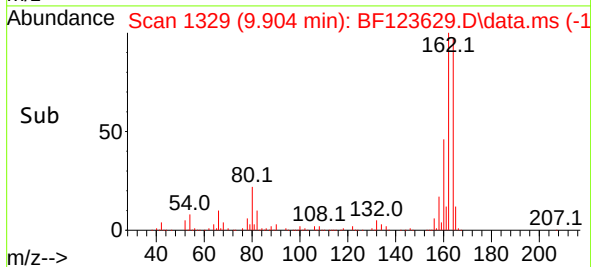
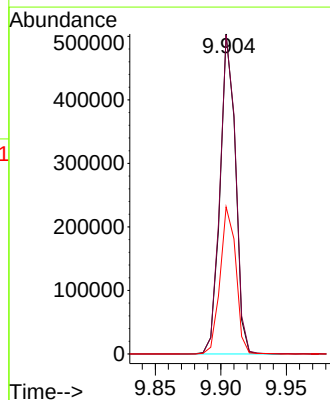
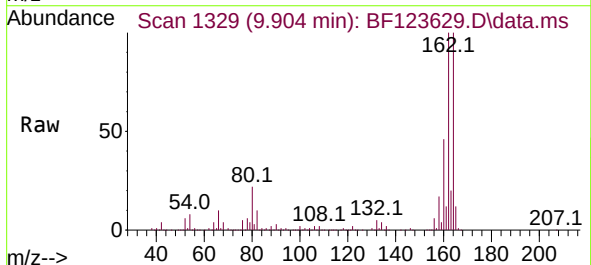
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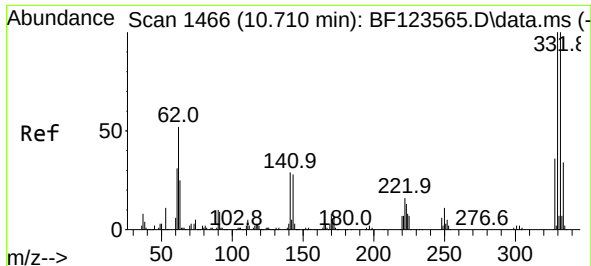
Tgt Ion: 82 Resp: 1689129
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:164 Resp: 408701
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 45.9 37.3 55.9

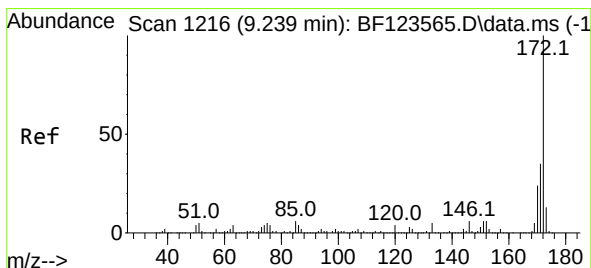
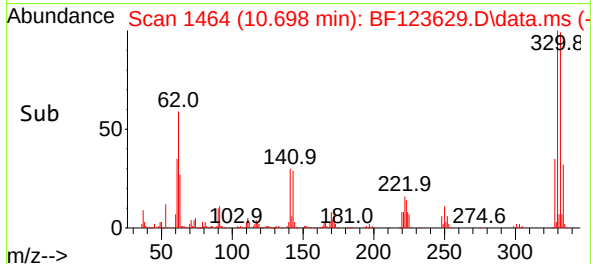
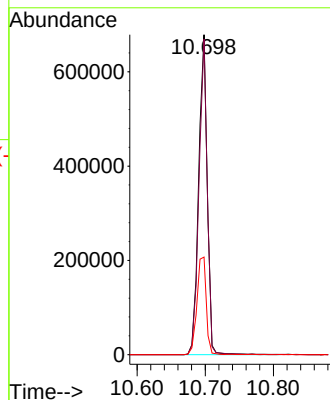
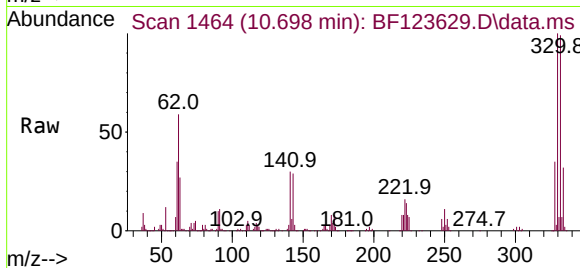




#42
2,4,6-Tribromophenol
Concen: 127.90 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

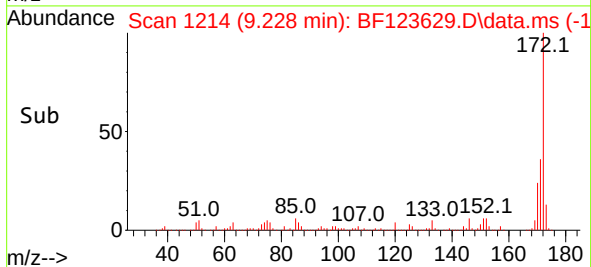
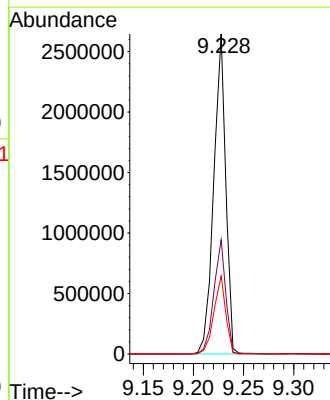
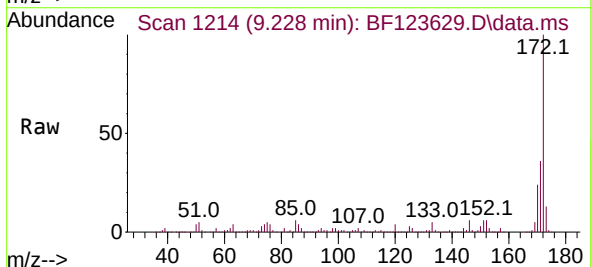
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ClientSampleId :
TP3-2-4

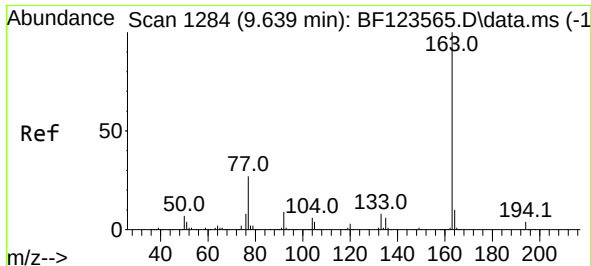
Tgt Ion: 330 Resp: 591926
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.77 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion: 172 Resp: 2214414
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.4 19.2 28.8

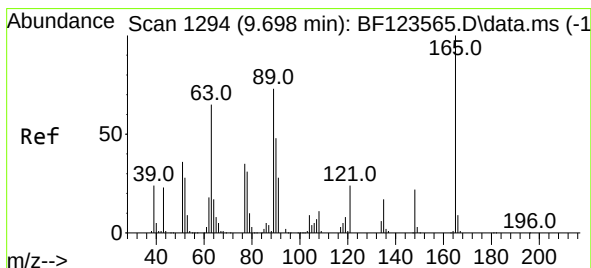
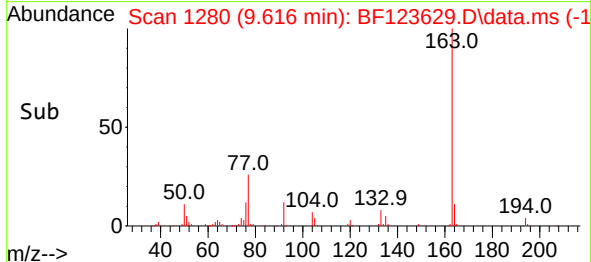
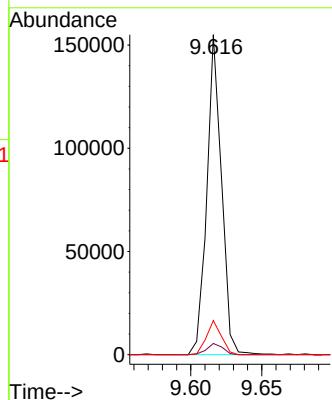
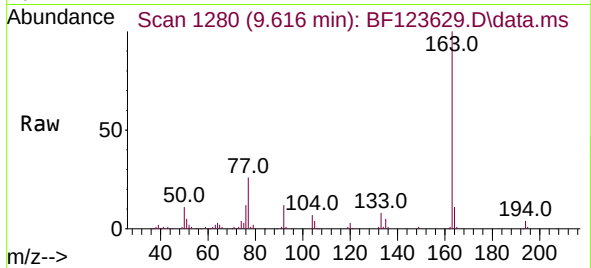




#50
Dimethylphthalate
Concen: 3.94 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

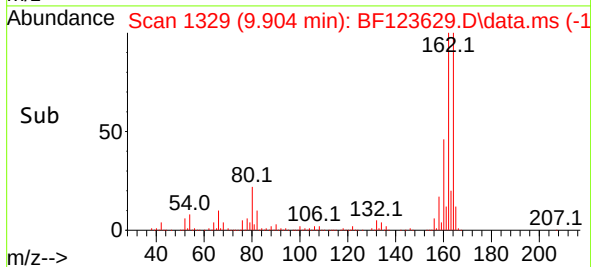
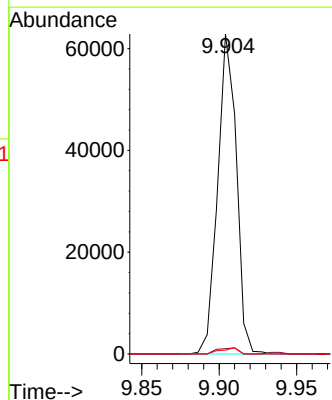
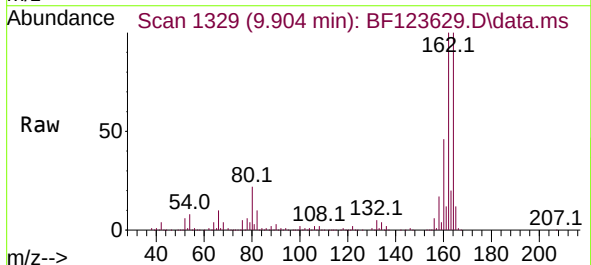
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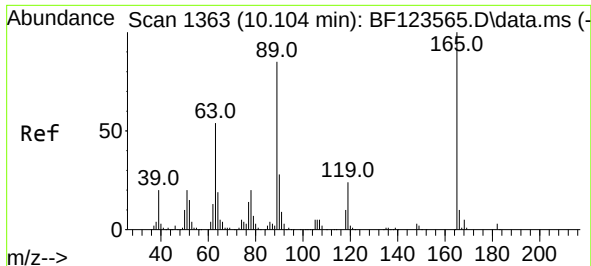
Tgt Ion:163 Resp: 111388
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:165 Resp: 52713
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.2 58.8 88.2#

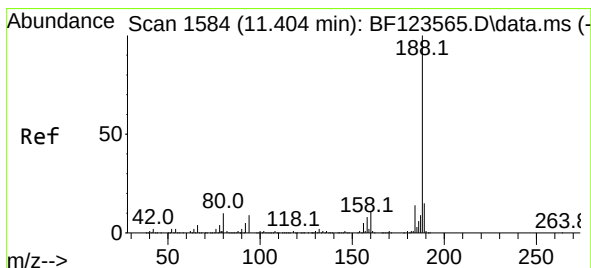
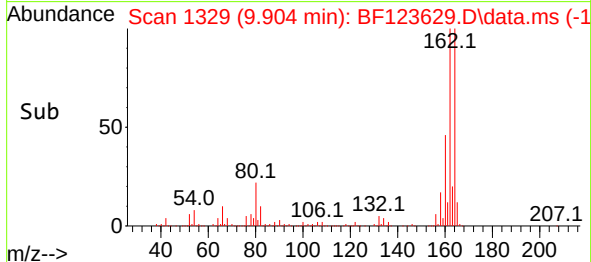
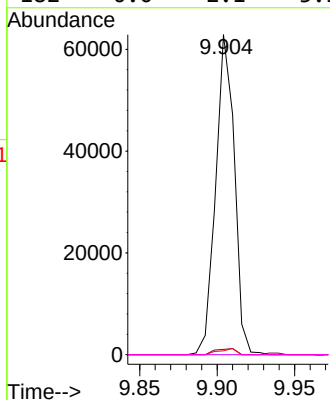
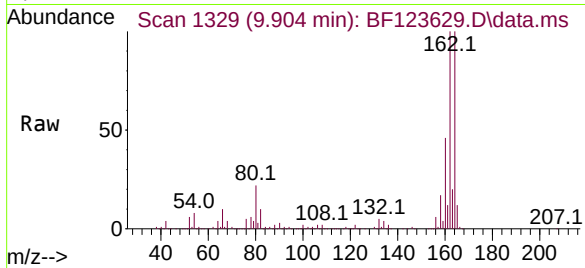




#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

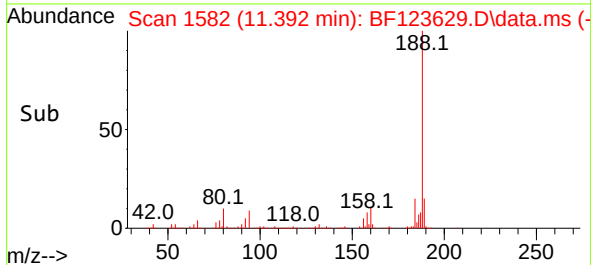
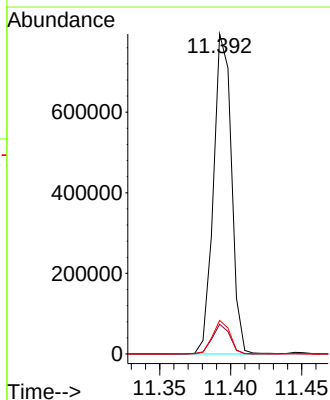
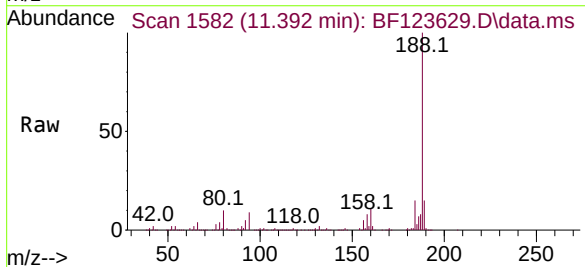
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

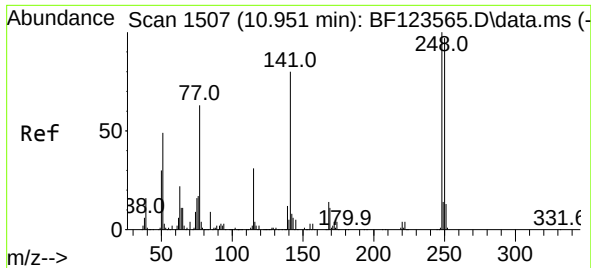
Tgt Ion:	165	Resp:	52713
Ion Ratio	Lower	Upper	
165	100		
63	1.6	43.5	65.3#
89	1.2	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:	188	Resp:	699762
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.9	10.3
80	10.5	8.2	12.2

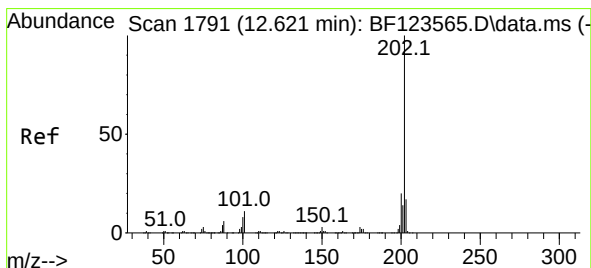
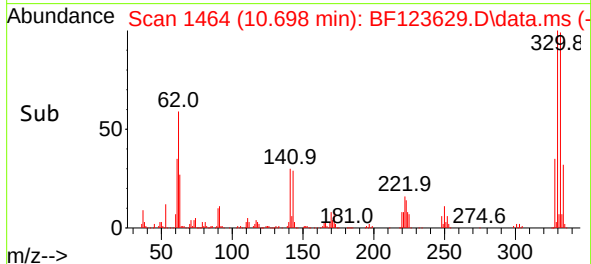
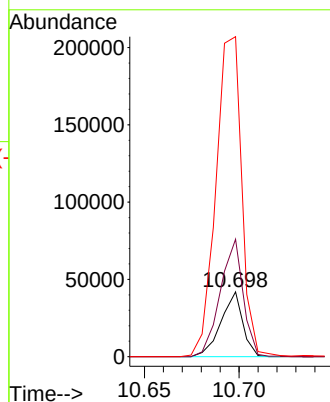
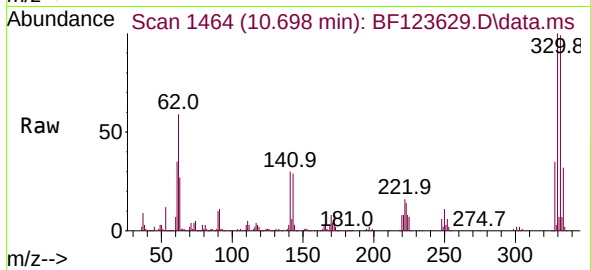




#67
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

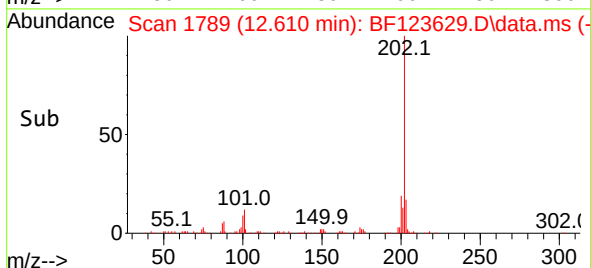
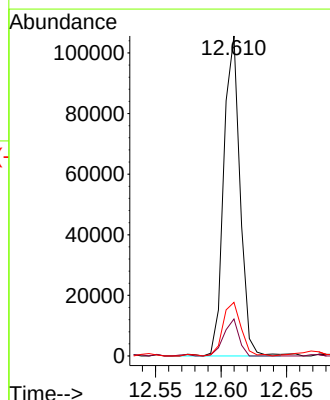
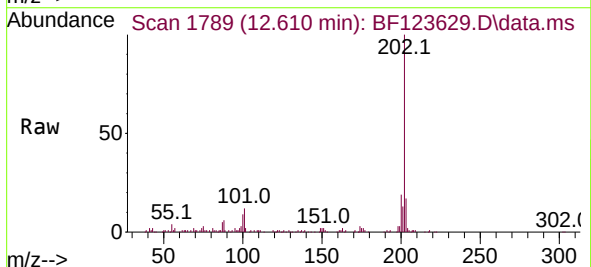
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

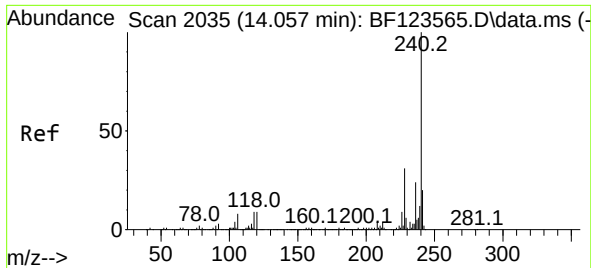
Tgt Ion:248 Resp: 33632
Ion Ratio Lower Upper
248 100
250 181.4 77.4 116.2#
141 493.9 63.7 95.5#



#75
Fluoranthene
Concen: 2.27 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:202 Resp: 91207
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.9
203 16.7 0.0 37.5

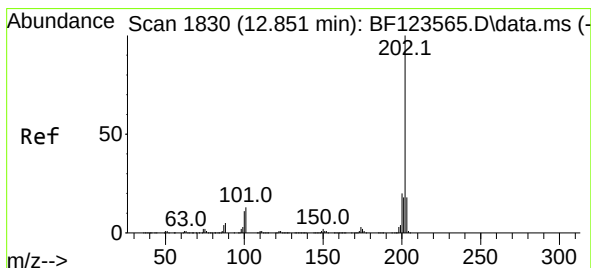
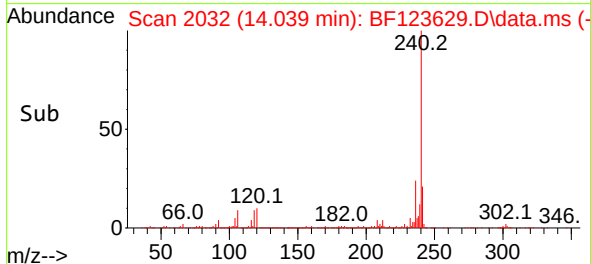
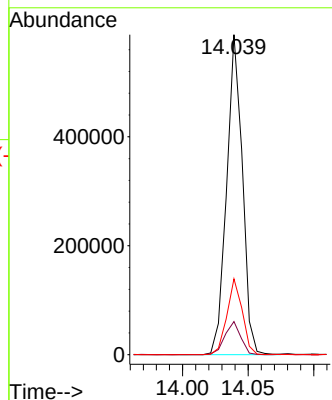
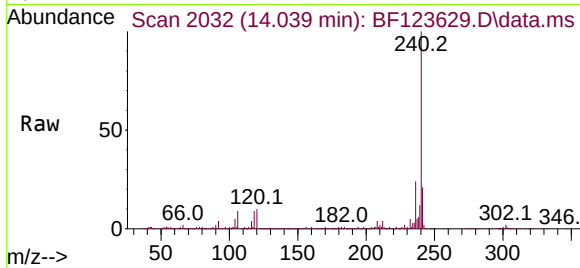




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

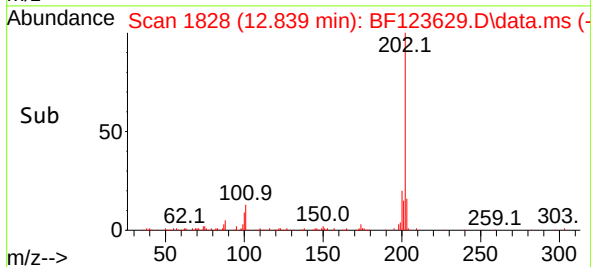
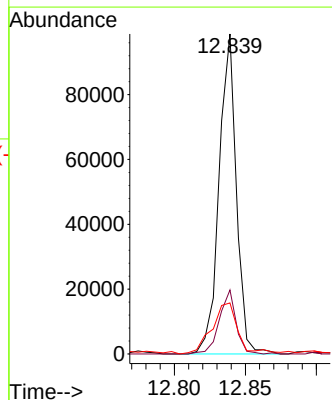
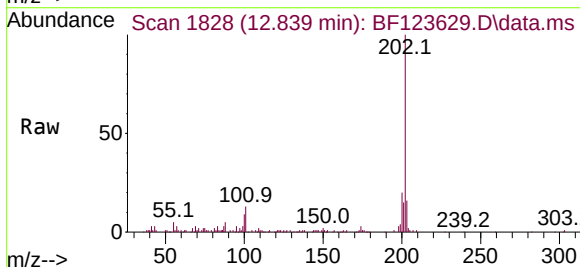
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

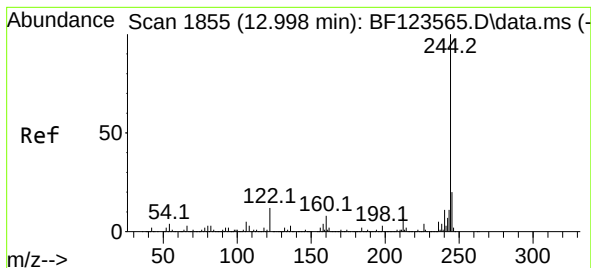
Tgt Ion:240 Resp: 488997
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 23.7 19.0 28.4



#78
Pyrene
Concen: 2.35 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:202 Resp: 83729
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 16.0 14.8 22.2





#79

Terphenyl-d14

Concen: 69.31 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF123629.D

Acq: 19 Apr 2021 18:48

Tgt Ion:244 Resp: 1743908

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

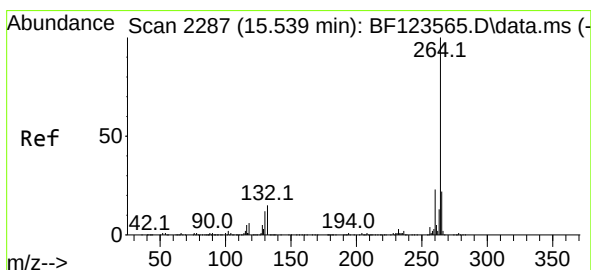
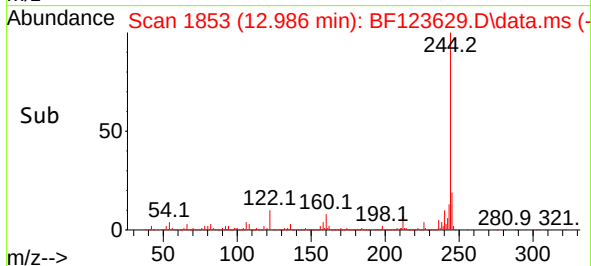
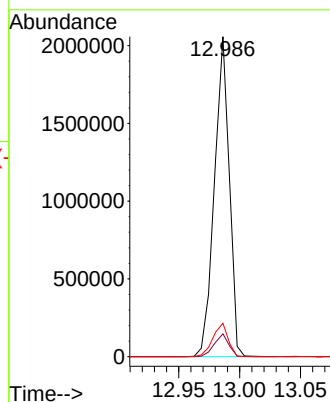
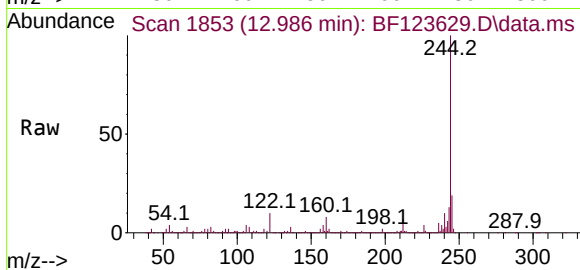
122 10.4 9.7 14.5

Instrument :

BNA_F

ClientSampled :

TP3-2-4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BF123629.D

Acq: 19 Apr 2021 18:48

Tgt Ion:264 Resp: 526965

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.7 17.8 26.8

