

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)

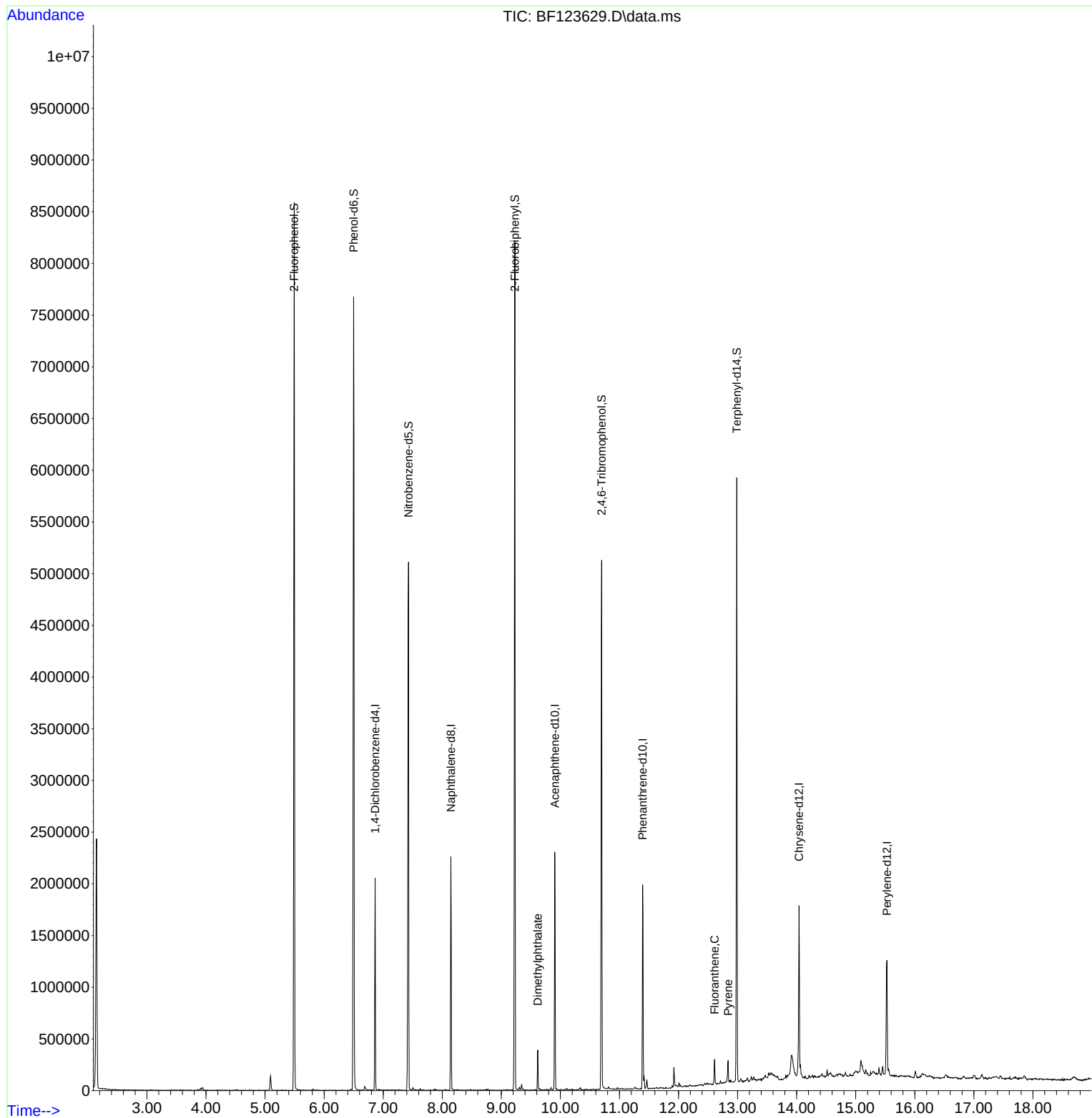
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	235820	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	869827	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	408701	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	699762	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	488997	20.00	ng	-0.02
86) Perylene-d12	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
50) Dimethylphthalate	9.616	163	111388	3.94	ng	99
75) Fluoranthene	12.610	202	91207	2.27	ng	96
78) Pyrene	12.839	202	83729	2.35	ng	97

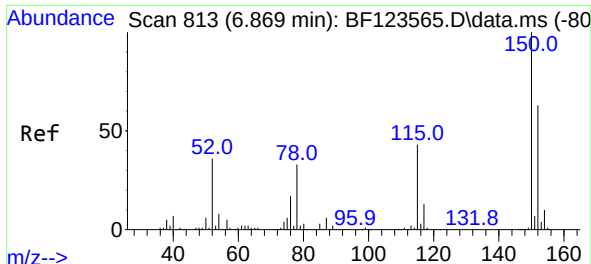
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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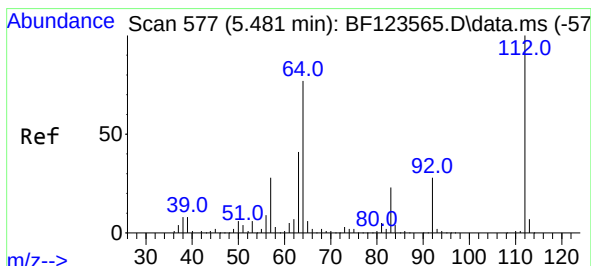
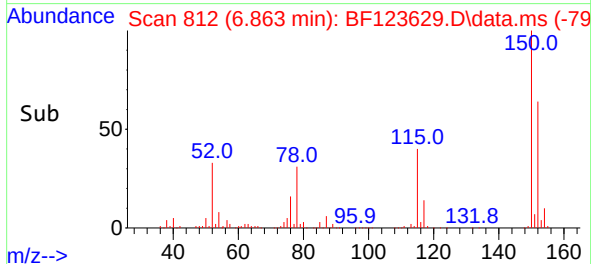
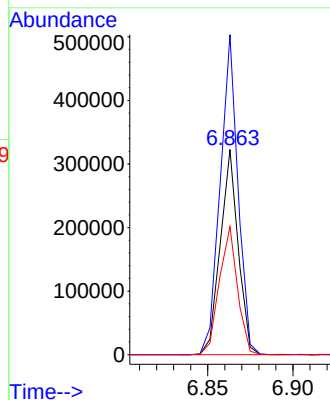
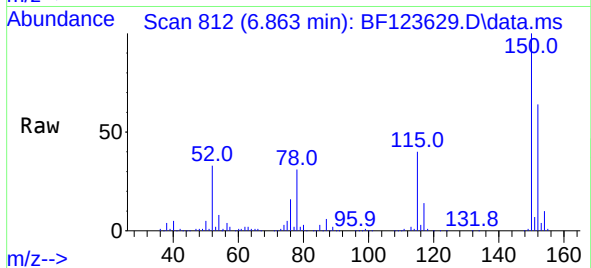




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

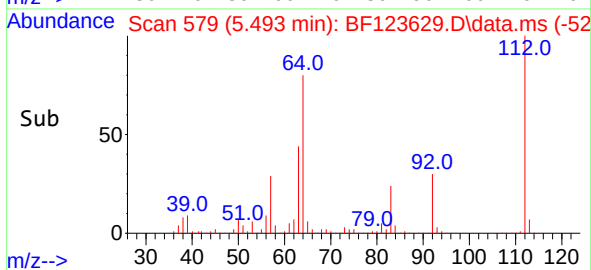
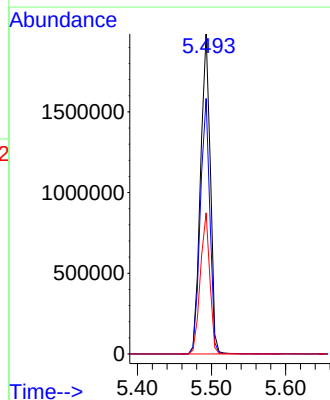
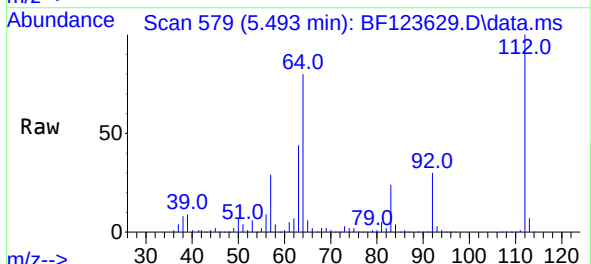
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

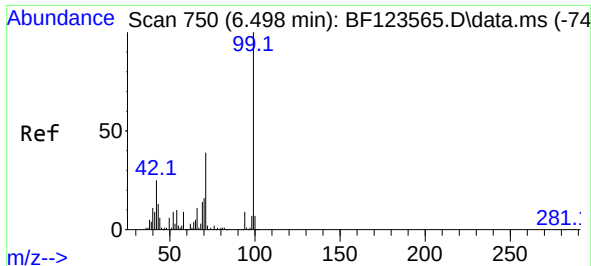
Tgt Ion:152 Resp: 235820
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 62.4 54.3 81.5



#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



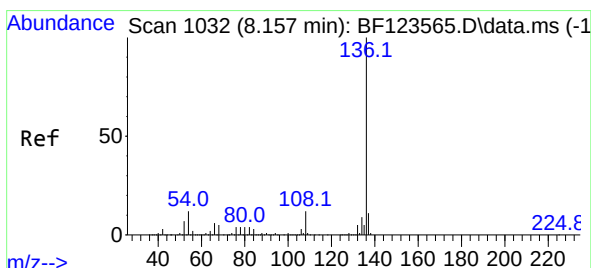
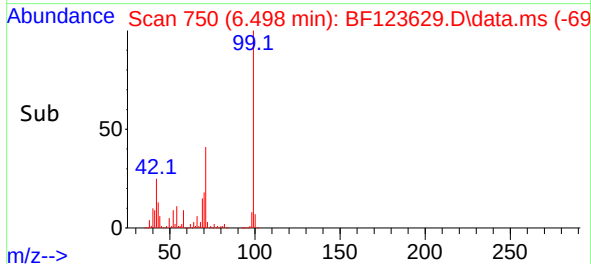
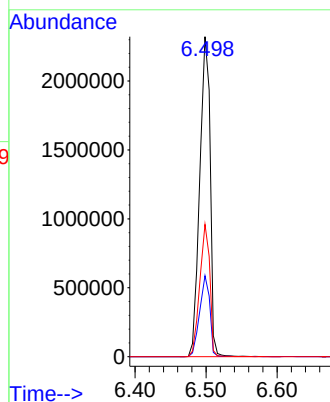
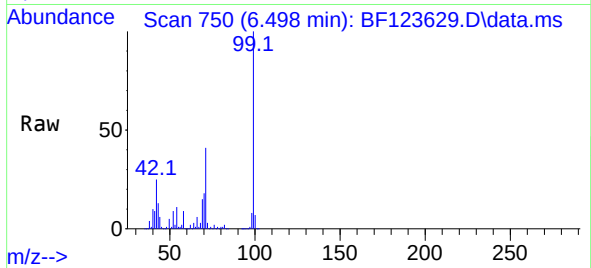


#7
Phenol-d6
Concen: 117.58 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Instrument :
BNA_F
ClientSampleId :
TP3-2-4

Tgt Ion: 99 Resp: 2377363

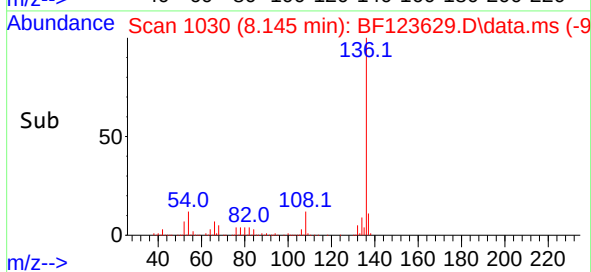
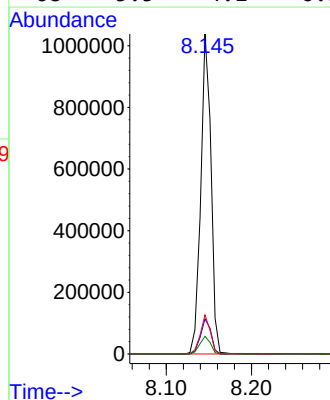
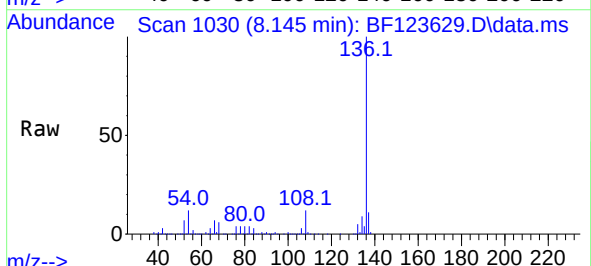
Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	41.3	31.1	46.7

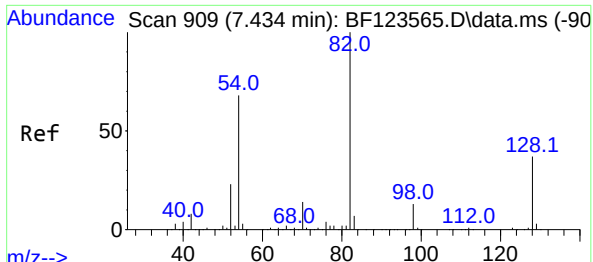


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

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

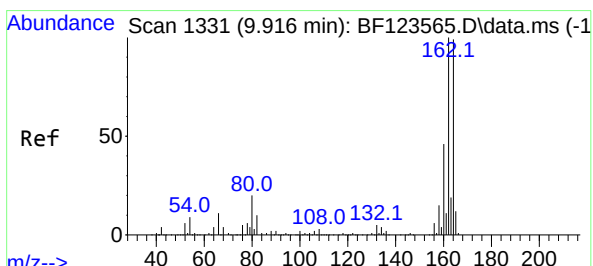
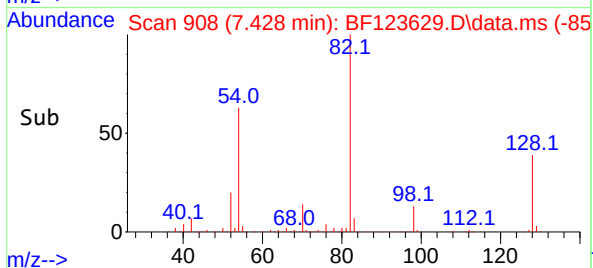
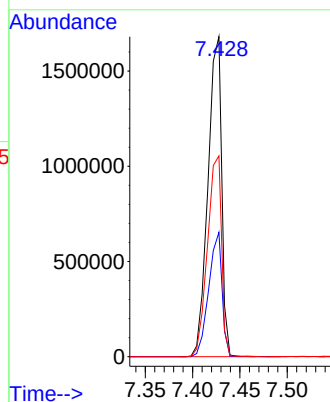
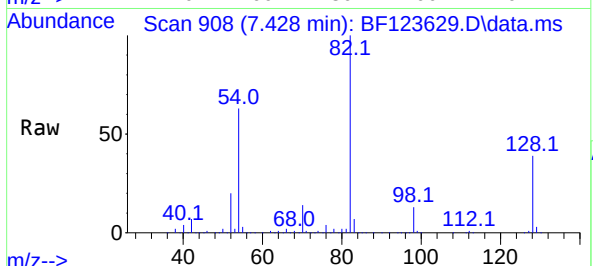




#23
Nitrobenzene-d5
Concen: 89.27 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

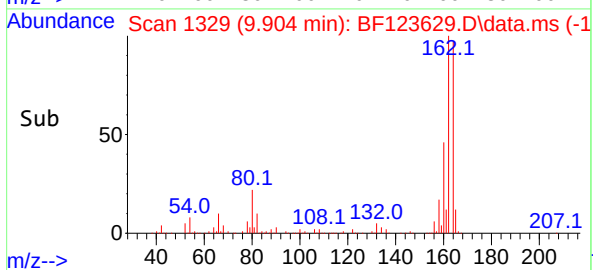
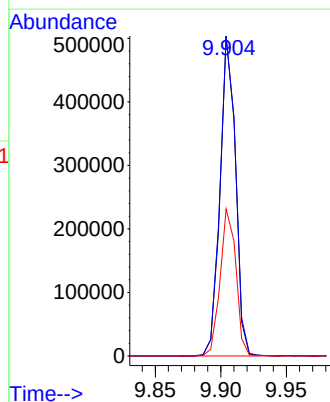
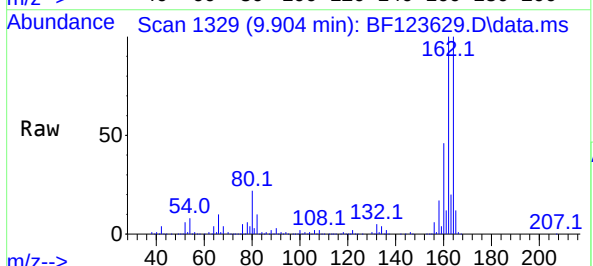
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

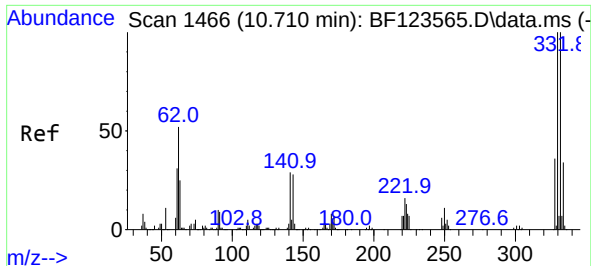
Tgt Ion: 82 Resp: 1689145
Ion Ratio Lower Upper
82 100
128 38.8 29.4 44.2
54 62.8 54.1 81.1



#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

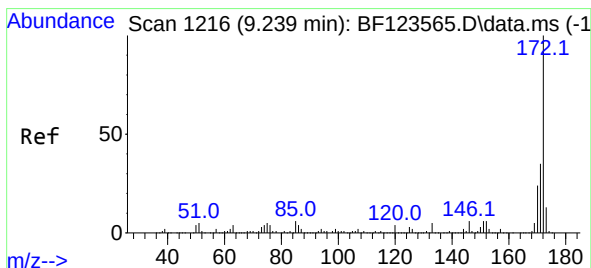
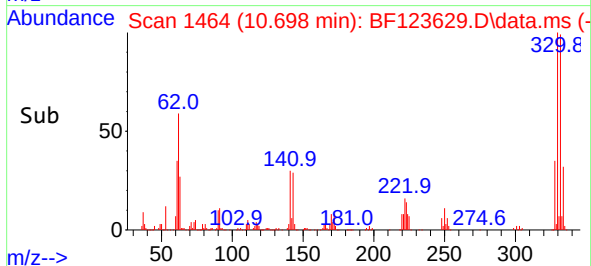
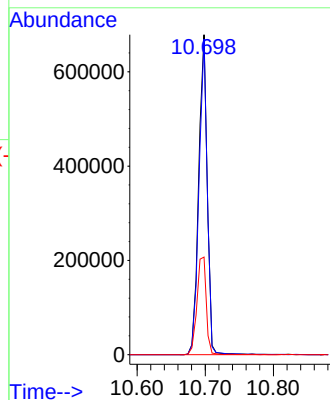
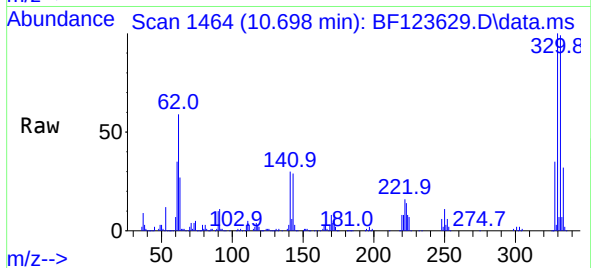




#42
2,4,6-Tribromophenol
Concen: 127.90 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

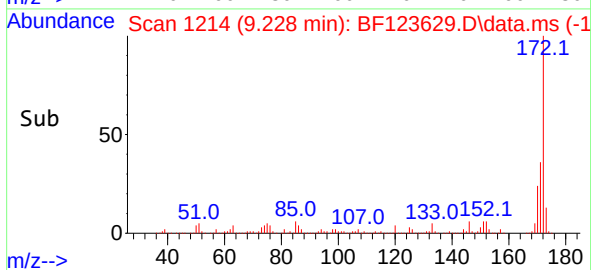
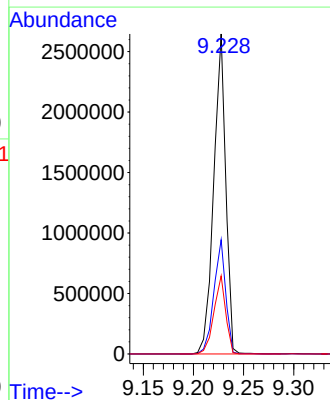
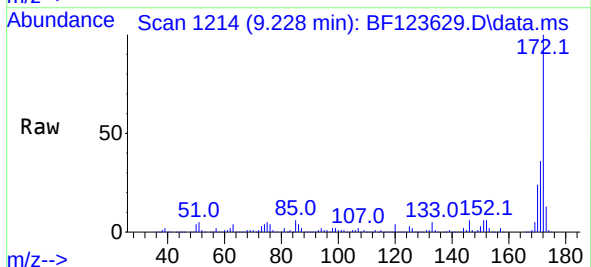
Instrument :
BNA_F
ClientSampled :
TP3-2-4

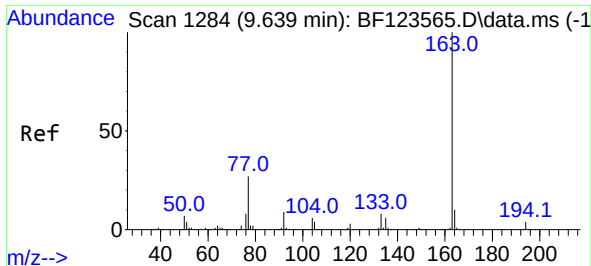
Tgt Ion: 330 Resp: 591926
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.2 27.9 41.9



#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

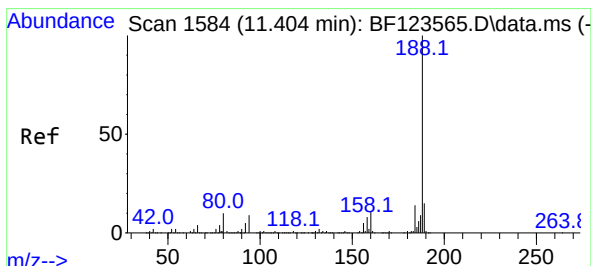
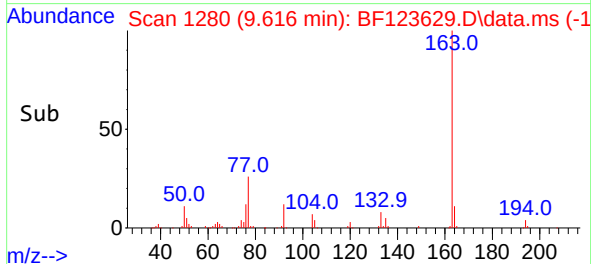
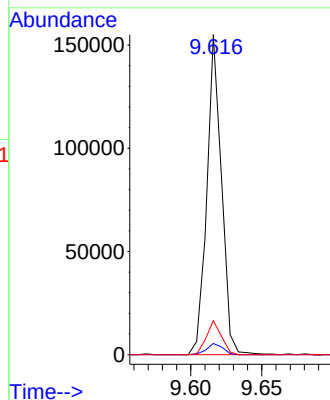
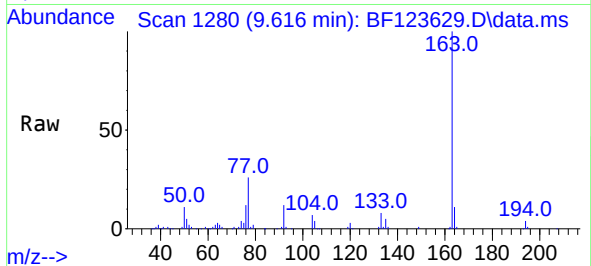




#50
Dimethylphthalate
Concen: 3.94 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

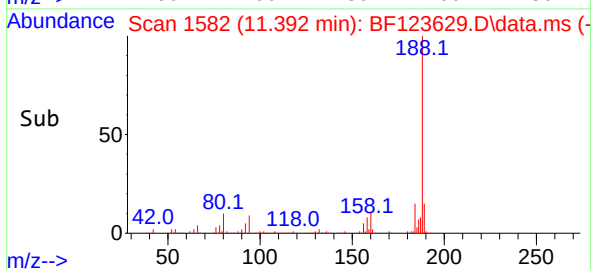
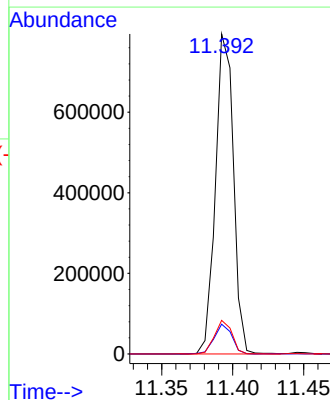
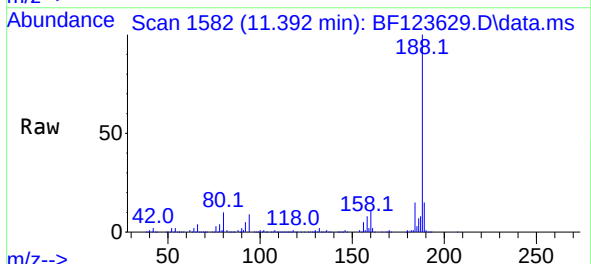
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

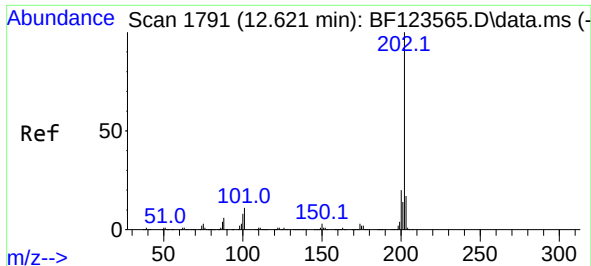
Tgt Ion:163 Resp: 111388
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.7 8.2 12.2



#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

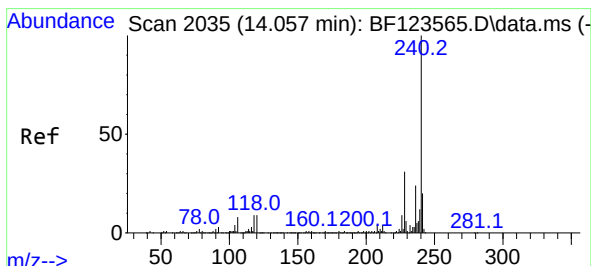
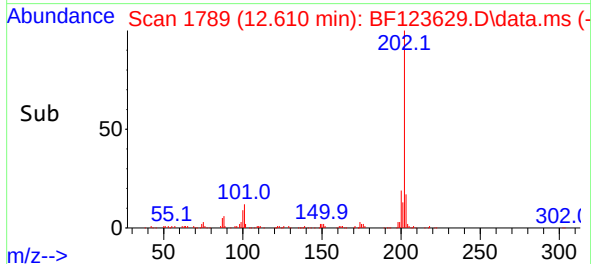
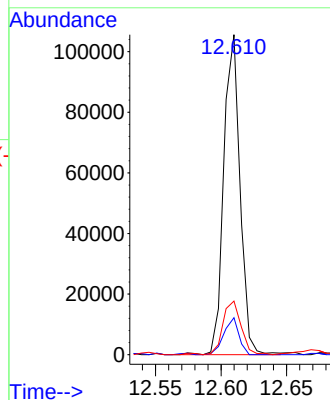
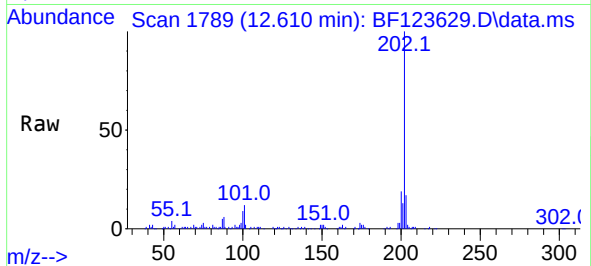




#75
Fluoranthene
Concen: 2.27 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

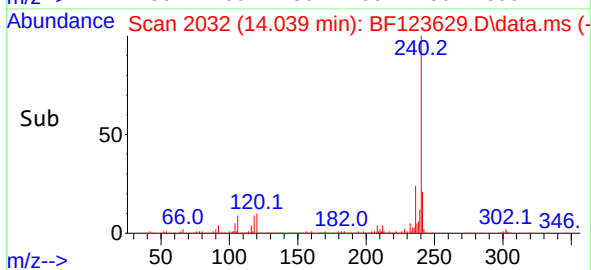
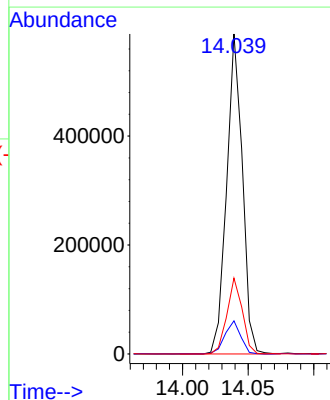
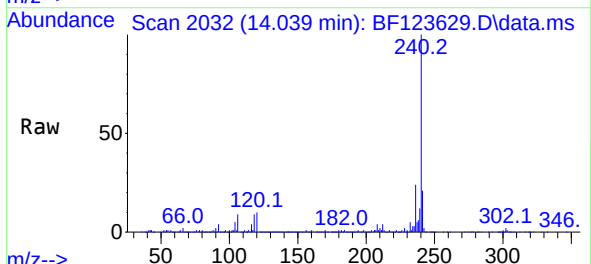
Instrument :
BNA_F
ClientSampleId :
TP3-2-4

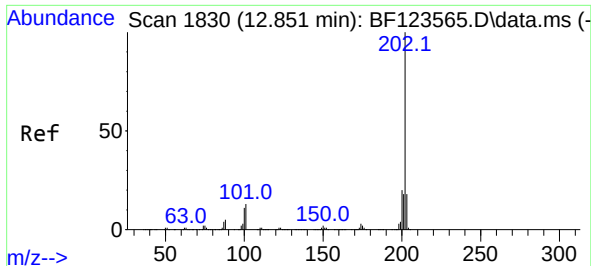
Tgt Ion:	202	Resp:	91207
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	30.9
203	16.7	0.0	37.5



#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

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



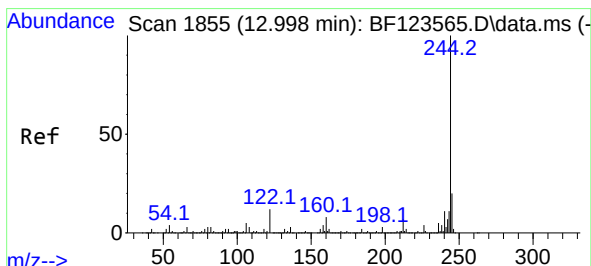
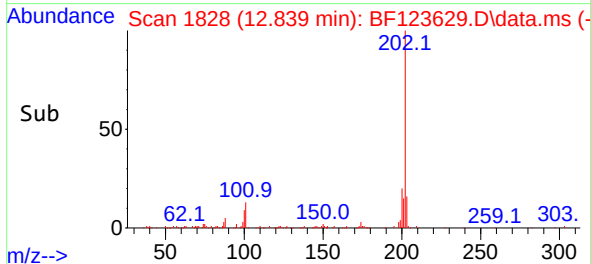
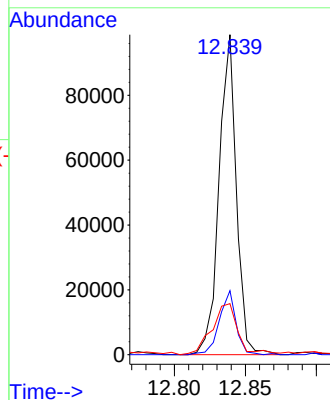
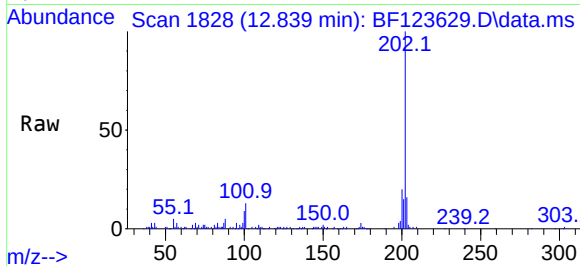


#78
Pyrene
Concen: 2.35 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Instrument :
BNA_F
ClientSampleId :
TP3-2-4

Tgt Ion:202 Resp: 83729

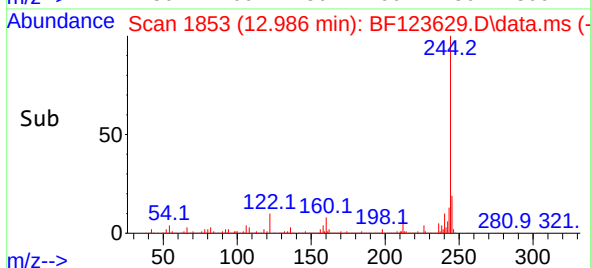
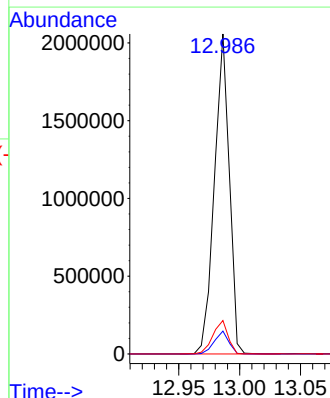
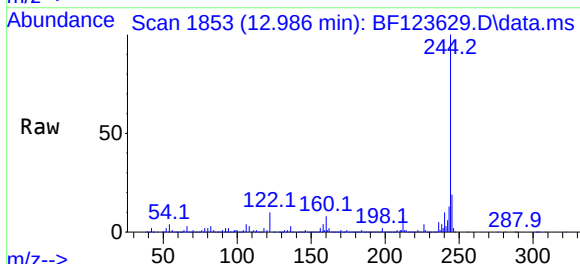
Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	16.0	14.8	22.2

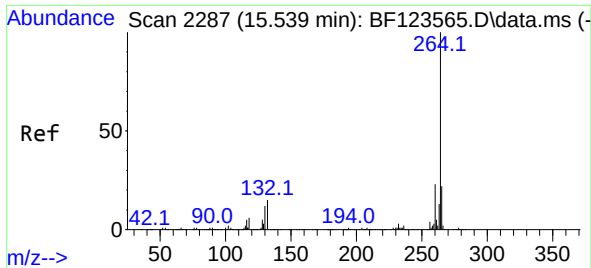


#79
Terphenyl-d14
Concen: 69.31 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123629.D
Acq: 19 Apr 2021 18:48

Tgt Ion:244 Resp: 1743908

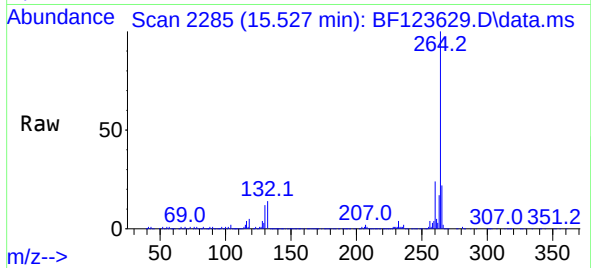
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.4	9.7	14.5





#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

Instrument :
 BNA_F
 ClientSampleId :
 TP3-2-4



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

