

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123728.D
 Acq On : 24 Apr 2021 20:58
 Operator : JU/CG
 Sample : M2149-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Apr 26 06:10:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 05:40:49 2021
 Response via : Initial Calibration

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

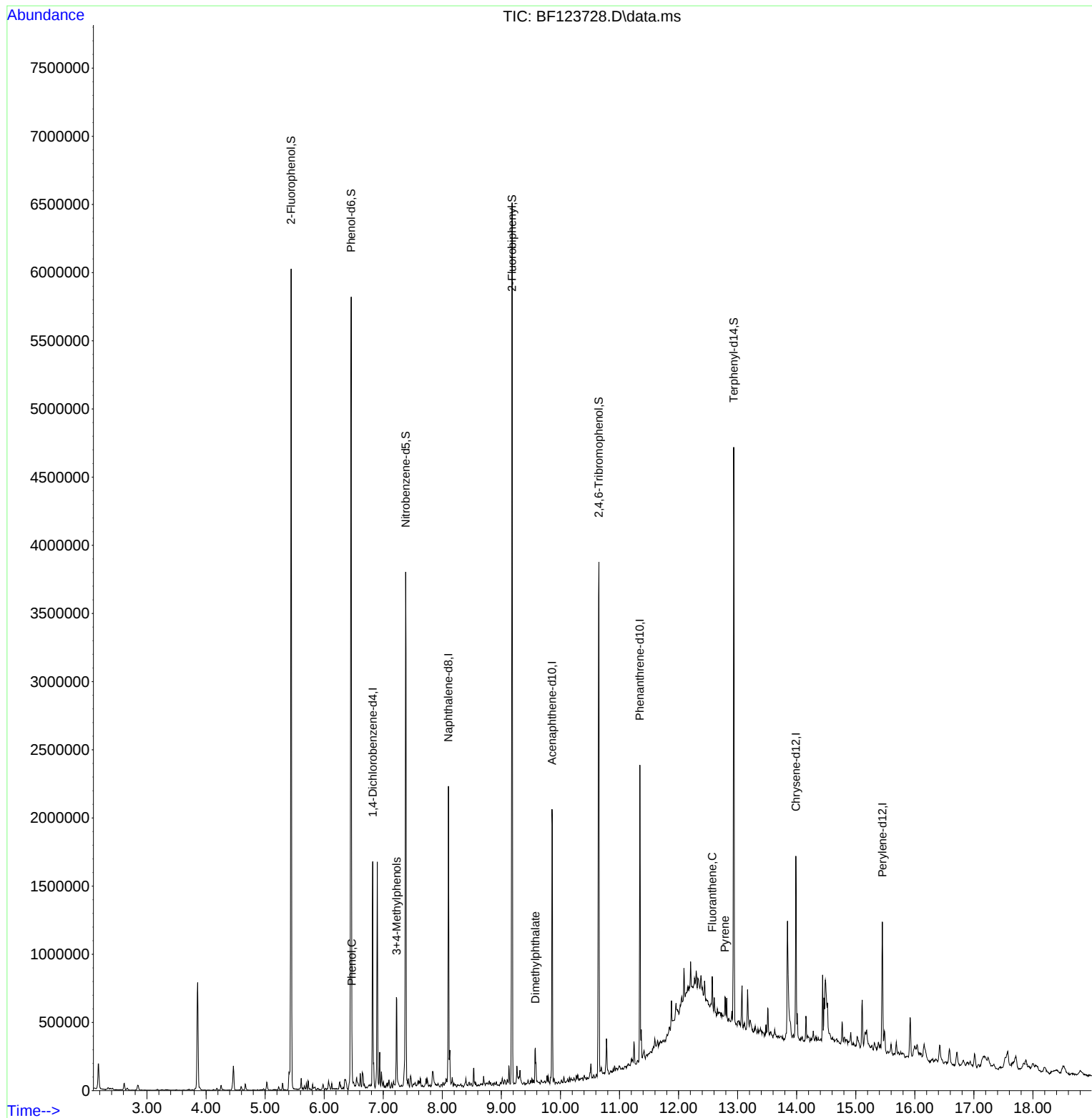
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	209099	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	790030	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	380221	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	708049	20.00	ng	0.00
76) Chrysene-d12	13.986	240	440629	20.00	ng	0.00
86) Perylene-d12	15.451	264	421639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1311705	101.39	ng	0.00
7) Phenol-d6	6.457	99	1709865	95.38	ng	0.00
23) Nitrobenzene-d5	7.381	82	1191713	69.35	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	442527	102.78	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1644468	64.47	ng	0.00
79) Terphenyl-d14	12.933	244	1367016	60.30	ng	0.00
Target Compounds						
10) Phenol	6.469	94	56478	2.97	ng	Qvalue 92
20) 3+4-Methylphenols	7.228	107	144388	9.48	ng	# 63
50) Dimethylphthalate	9.575	163	76115	2.90	ng	97
75) Fluoranthene	12.569	202	85817	2.11	ng	97
78) Pyrene	12.786	202	75599	2.35	ng	95

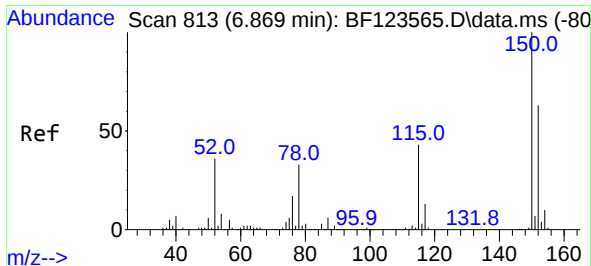
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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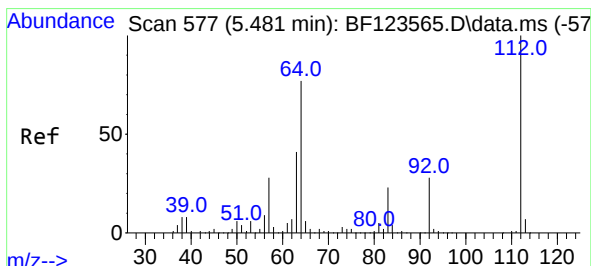
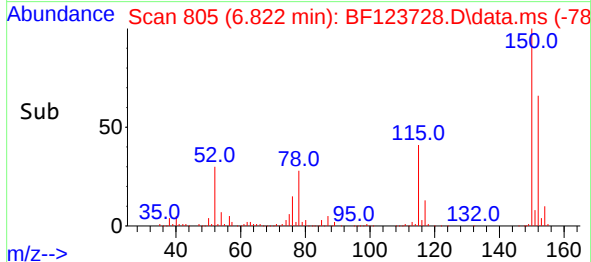
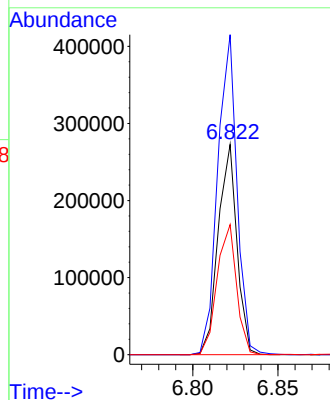
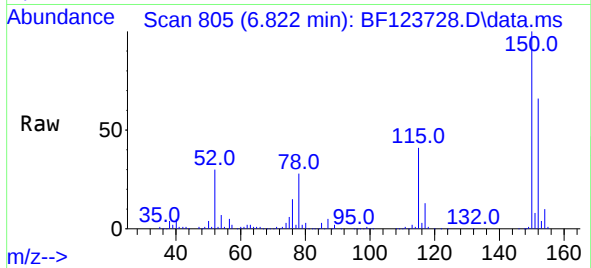




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

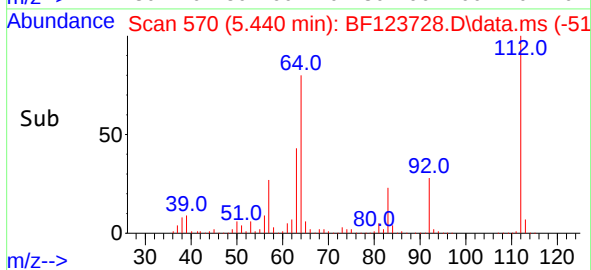
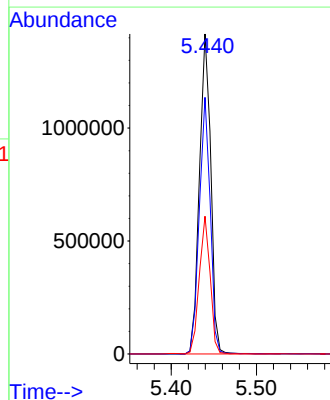
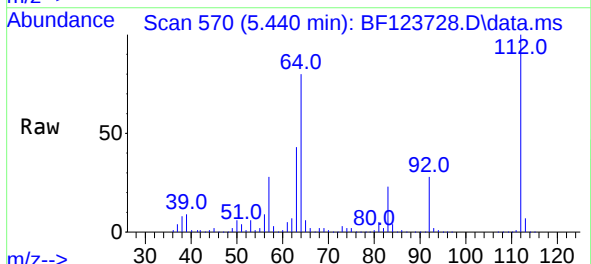
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

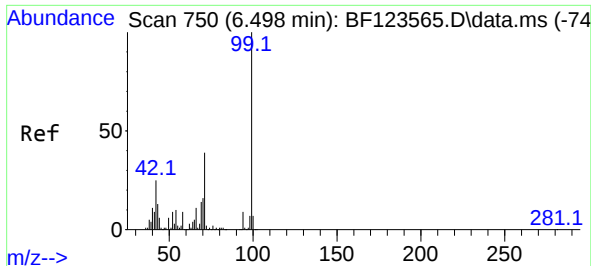
Tgt Ion:152 Resp: 209099
Ion Ratio Lower Upper
152 100
150 152.2 127.0 190.6
115 61.9 54.3 81.5



#5
2-Fluorophenol
Concen: 101.39 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:112 Resp: 1311705
Ion Ratio Lower Upper
112 100
64 80.2 61.4 92.0
63 43.0 33.0 49.4

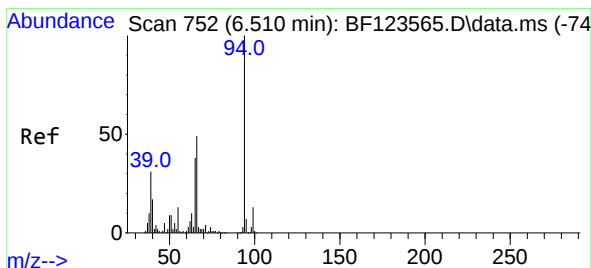
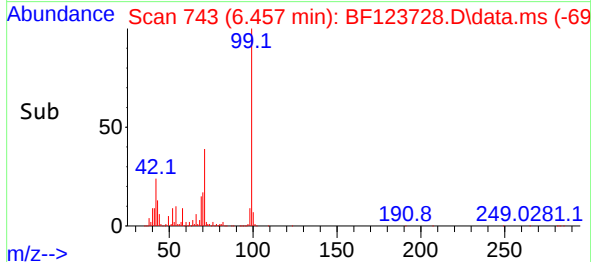
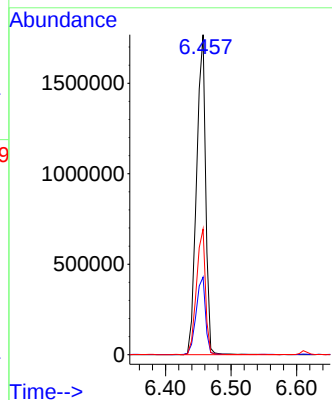
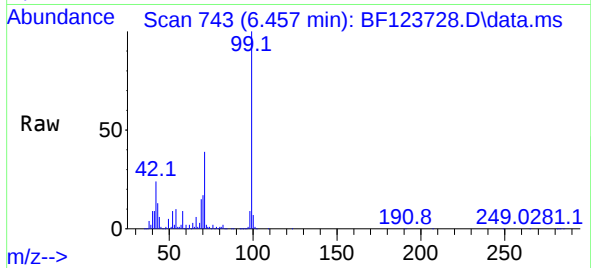




#7
Phenol-d6
Concen: 95.38 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

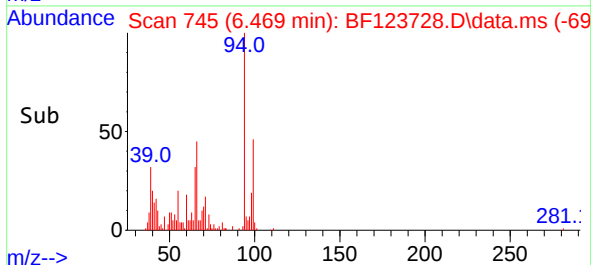
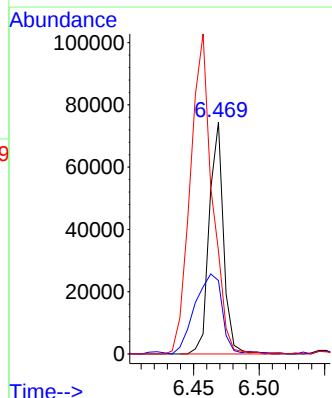
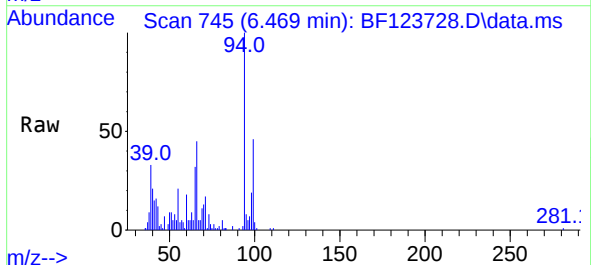
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

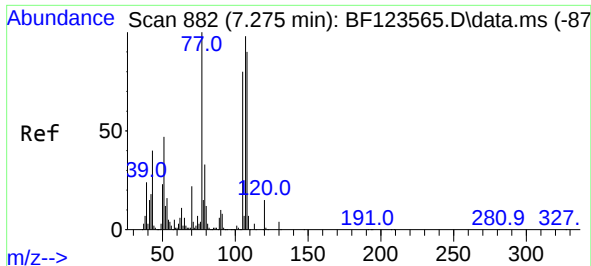
Tgt Ion: 99 Resp: 1709865
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 39.3 31.1 46.7



#10
Phenol
Concen: 2.97 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

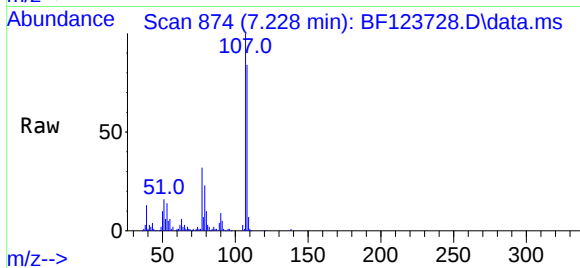
Tgt Ion: 94 Resp: 56478
Ion Ratio Lower Upper
94 100
65 31.7 18.1 58.1
66 44.6 29.0 69.0



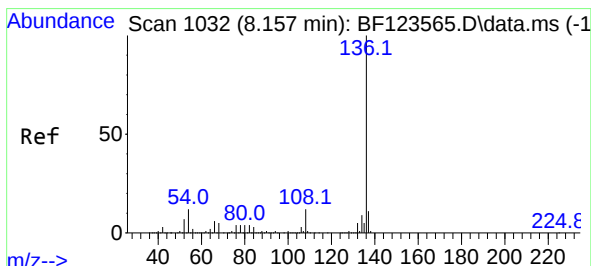
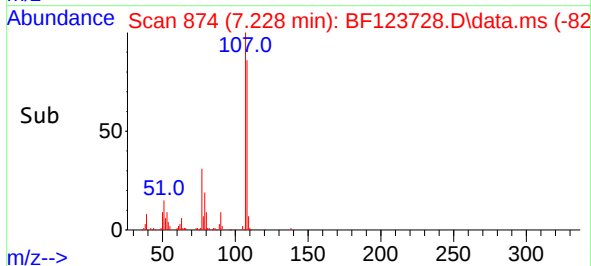
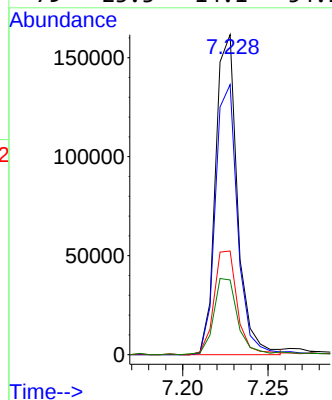


#20
3+4-Methylphenols
Concen: 9.48 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

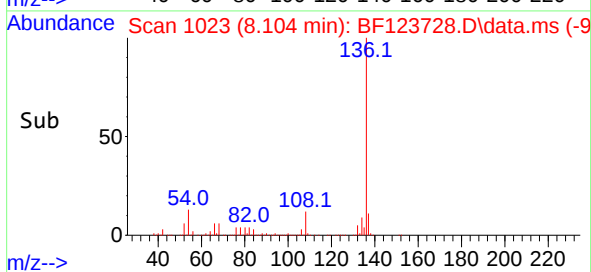
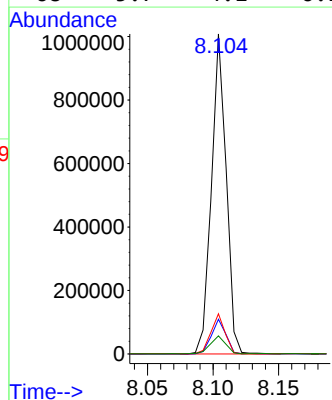
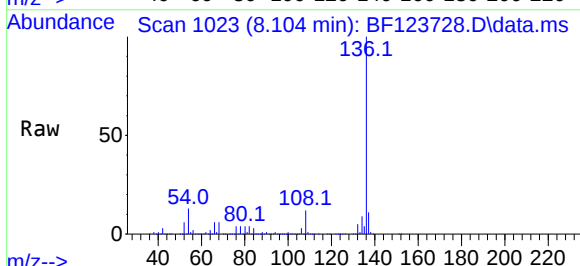


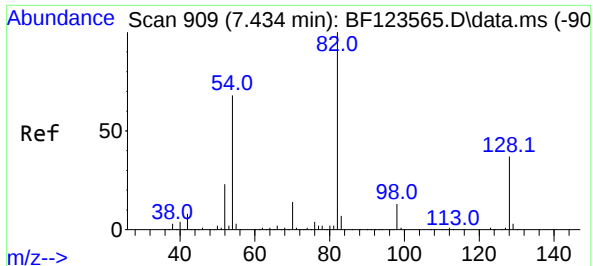
Tgt Ion:107 Resp: 144388
Ion Ratio Lower Upper
107 100
108 84.4 71.5 111.5
77 32.4 82.0 122.0#
79 23.3 14.1 54.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:136 Resp: 790030
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 12.6 9.8 14.6
68 5.7 4.1 6.1

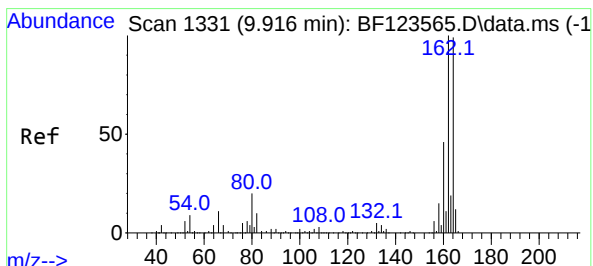
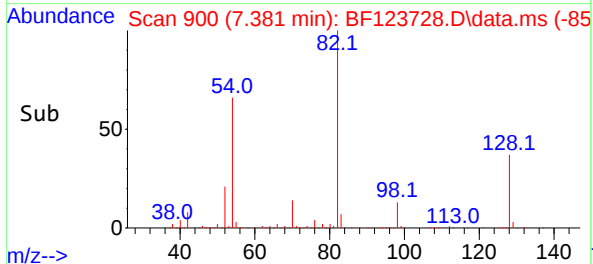
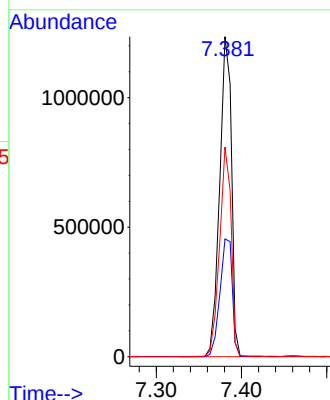
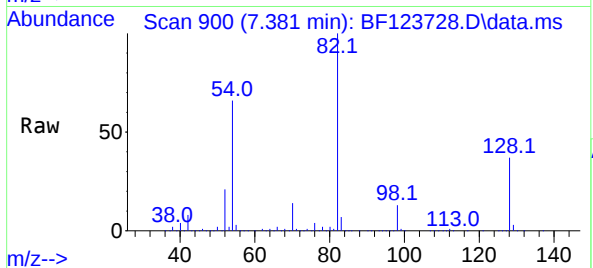




#23
Nitrobenzene-d5
Concen: 69.35 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

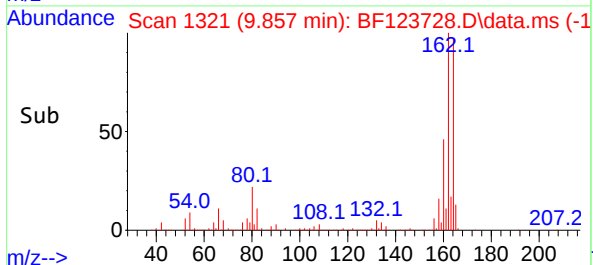
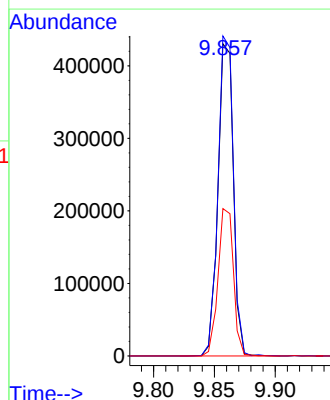
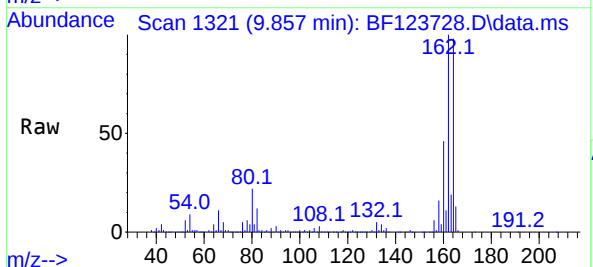
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

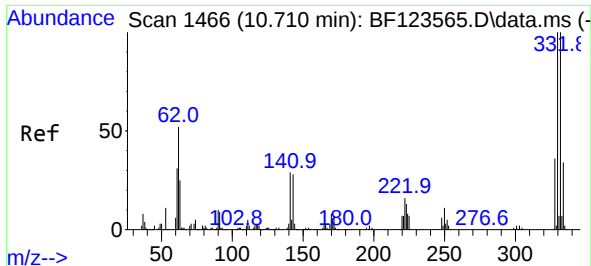
Tgt Ion: 82 Resp: 1191713
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 65.5 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:164 Resp: 380221
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 47.2 37.3 55.9

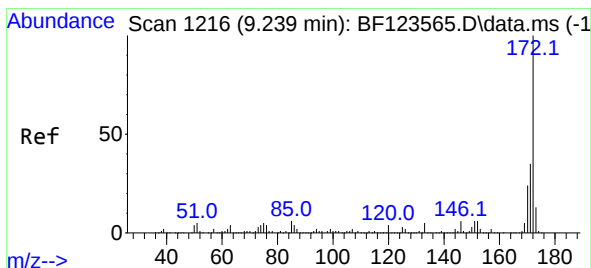
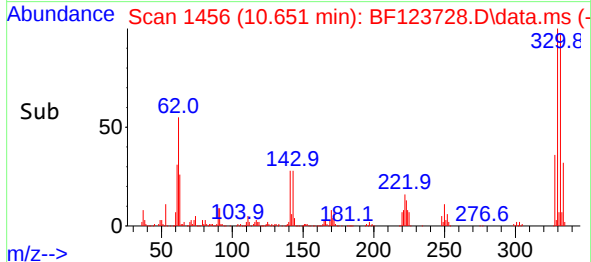
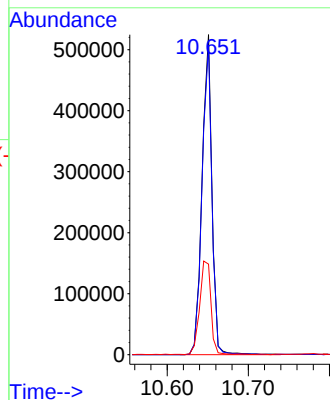
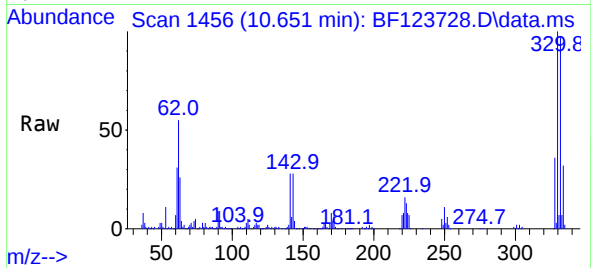




#42
2,4,6-Tribromophenol
Concen: 102.78 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

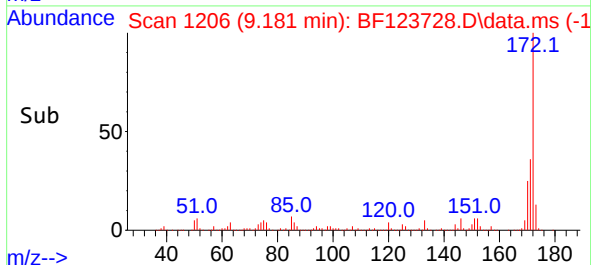
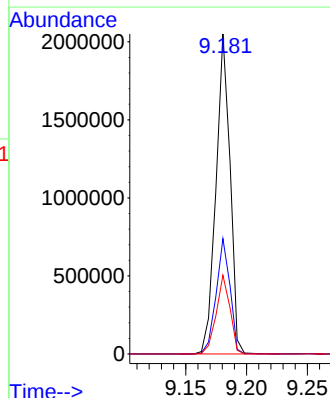
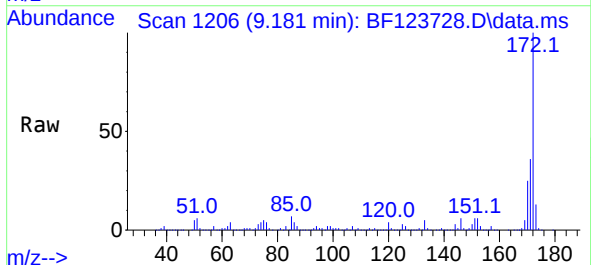
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ClientSampleId :
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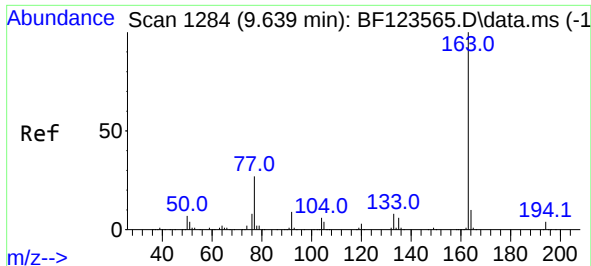
Tgt Ion:330 Resp: 442527
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 33.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 64.47 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:172 Resp: 1644468
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.6 19.2 28.8

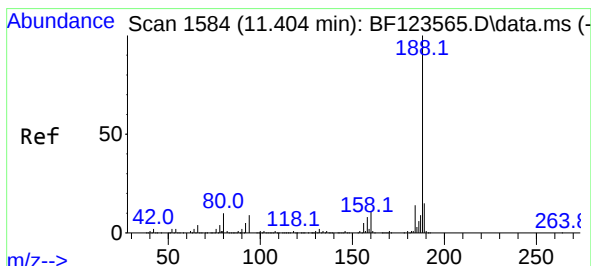
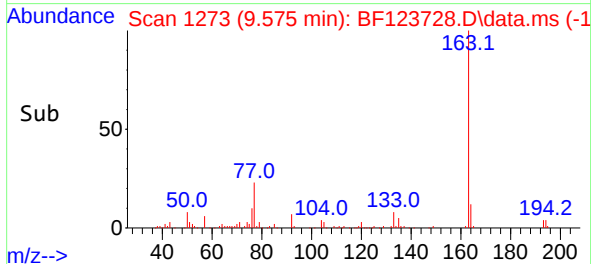
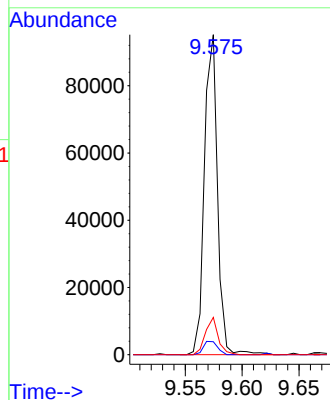
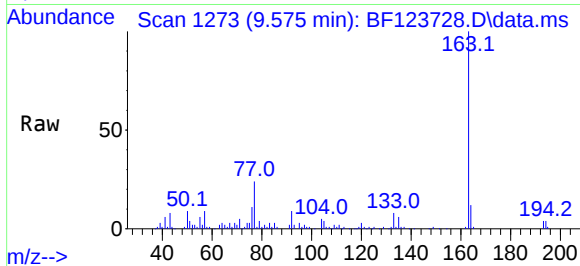




#50
Dimethylphthalate
Concen: 2.90 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

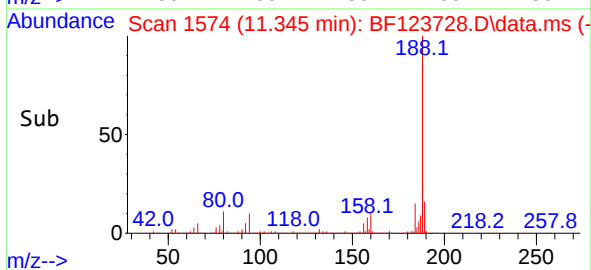
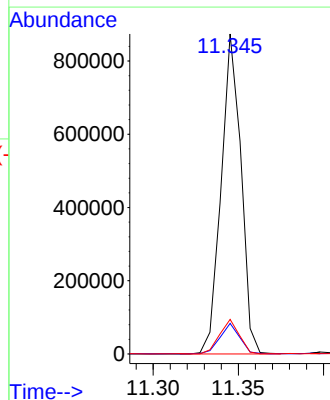
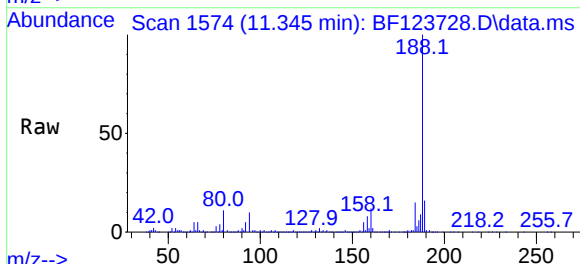
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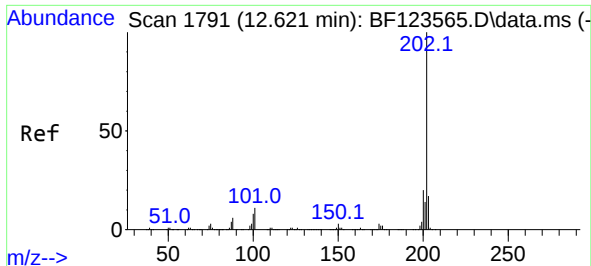
Tgt Ion:163	Resp:	76115
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.1 4.7
164	11.7	8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:188	Resp:	708049
Ion Ratio	Lower	Upper
188	100	
94	9.6	6.9 10.3
80	10.8	8.2 12.2

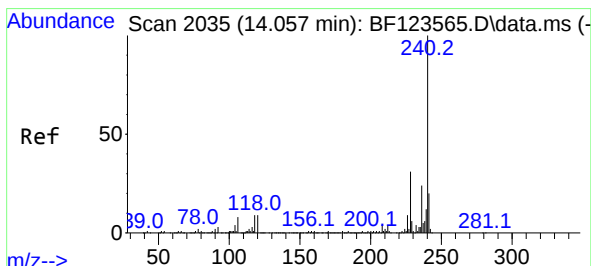
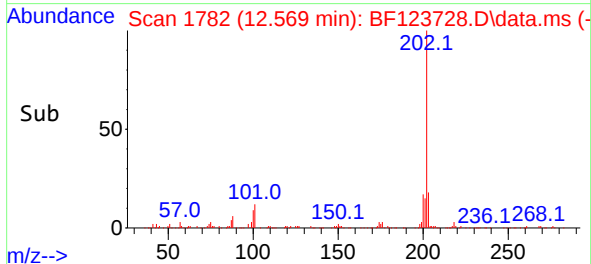
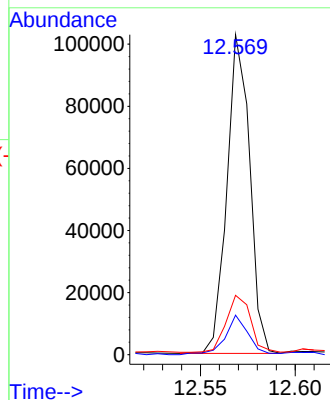
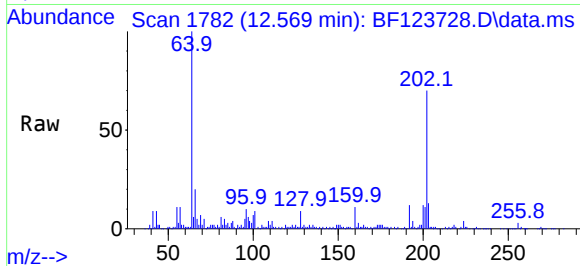




#75
Fluoranthene
Concen: 2.11 ng
RT: 12.569 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

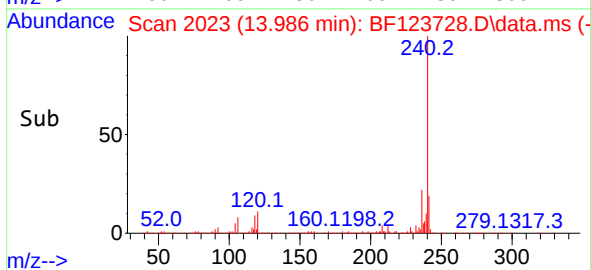
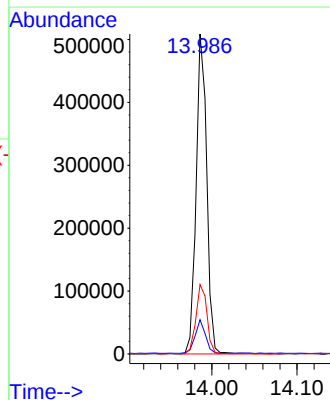
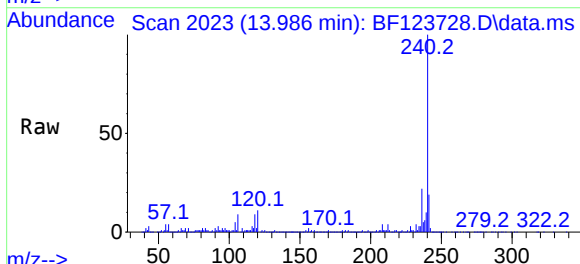
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

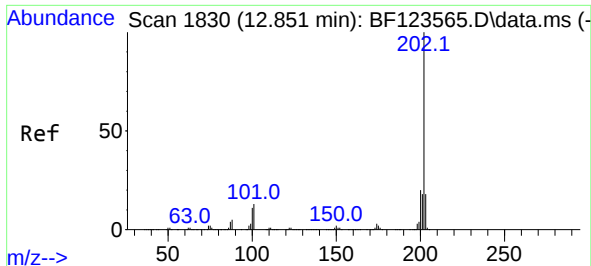
Tgt Ion:	202	Resp:	85817
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.9
203	18.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:	240	Resp:	440629
Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.2	10.8
236	21.7	19.0	28.4

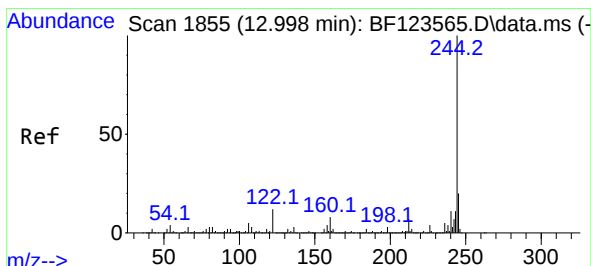
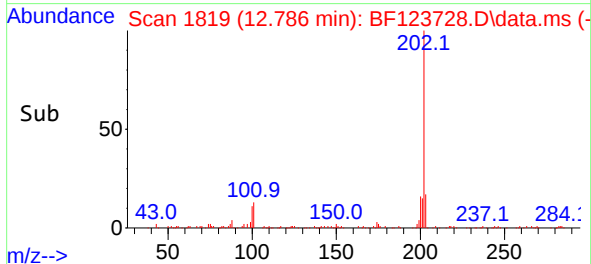
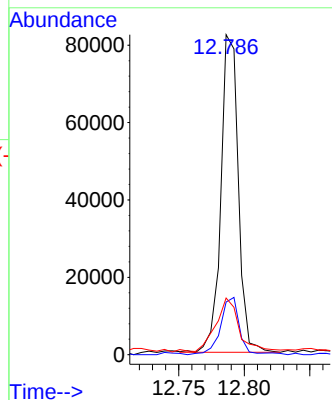
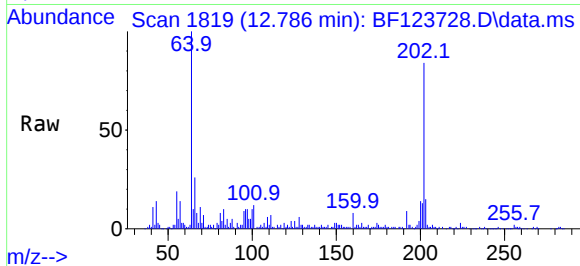




#78
Pyrene
Concen: 2.35 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

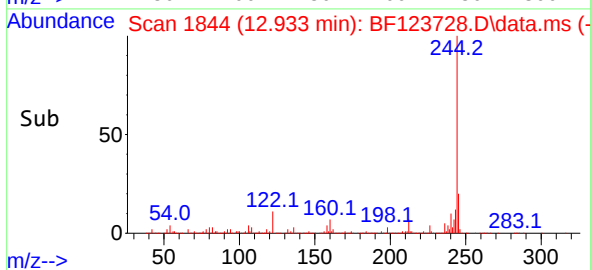
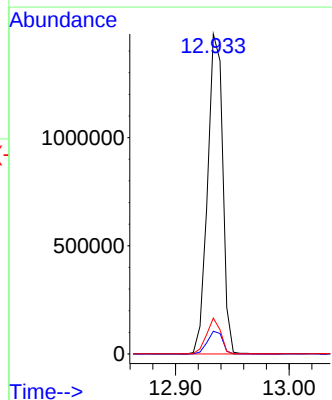
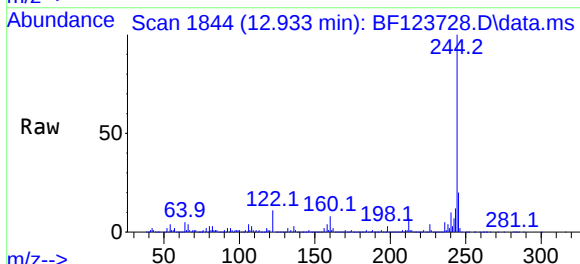
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

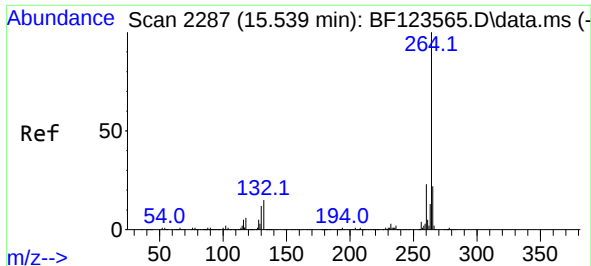
Tgt Ion:	202	Resp:	75599
Ion Ratio	Lower	Upper	
202	100		
200	16.5	16.1	24.1
203	17.7	14.8	22.2



#79
Terphenyl-d14
Concen: 60.30 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:	244	Resp:	1367016
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	11.2	9.7	14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

Tgt Ion:264 Resp: 421639
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.8 17.8 26.8

