

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118243.D
 Acq On : 17 Dec 2019 23:08
 Operator : JU
 Sample : K6324-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12

Quant Time: Dec 18 06:32:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

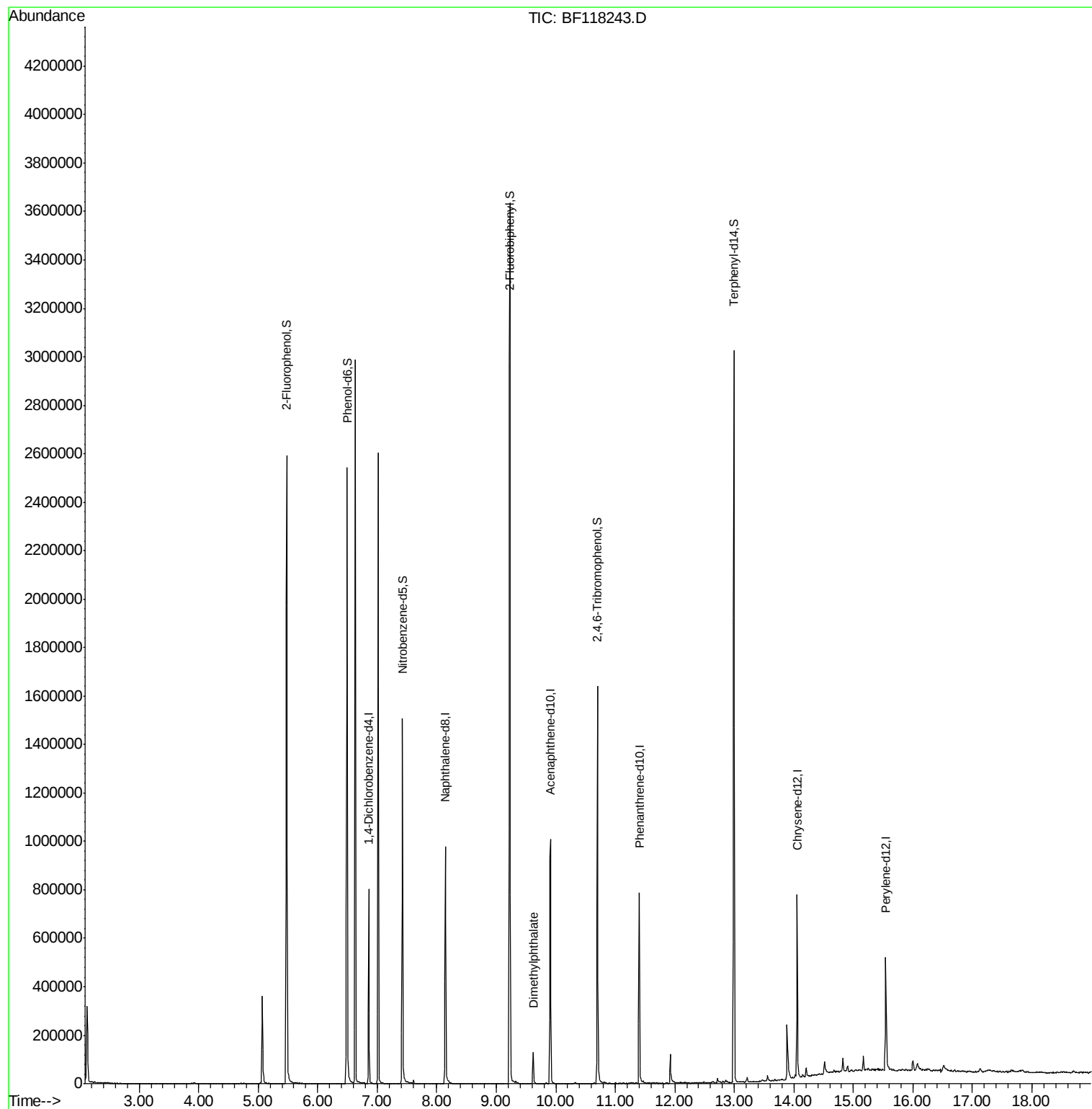
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119003	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	463731	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	219517	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	345059	20.00	ng	0.00
76) Chrysene-d12	14.06	240	265608	20.00	ng	-0.01
87) Perylene-d12	15.54	264	216283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	727917	107.13	ng	0.00
7) Phenol-d6	6.49	99	919102	111.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	548258	66.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	229877	86.20	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1088779	75.47	ng	-0.01
79) Terphenyl-d14	12.99	244	975977	63.19	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	65524	4.041	ng	Qvalue 99

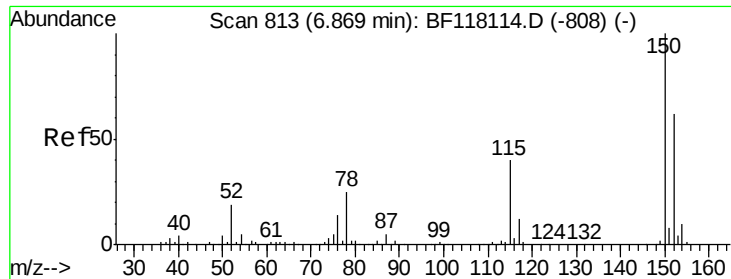
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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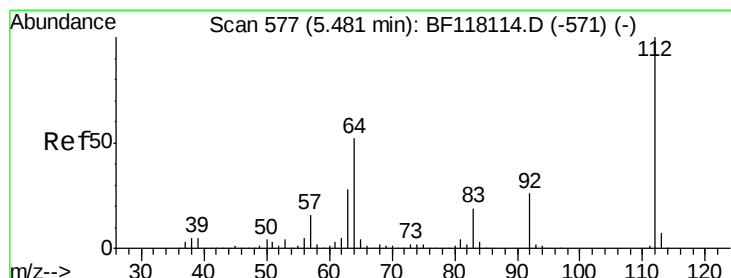
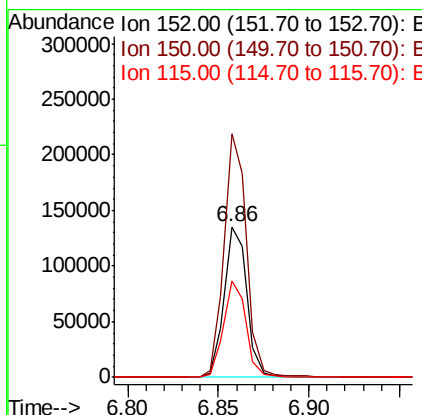
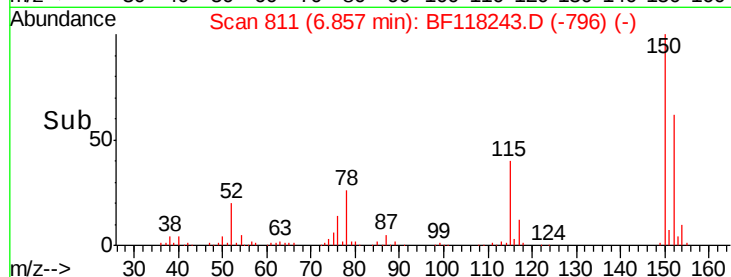
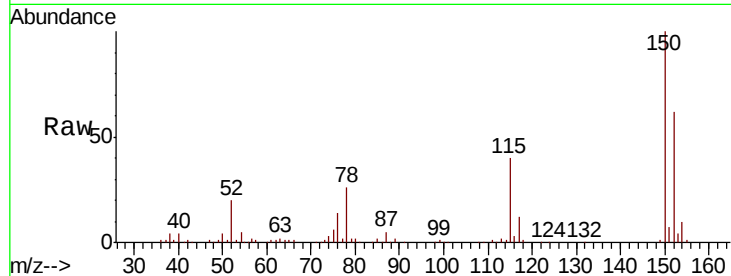




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

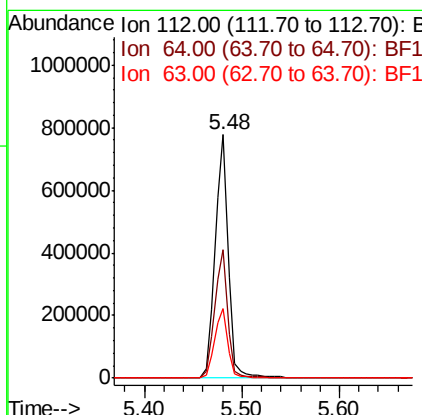
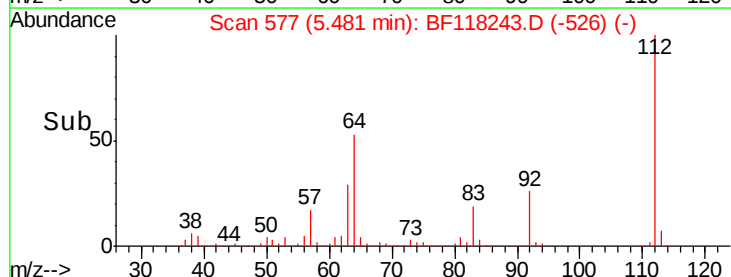
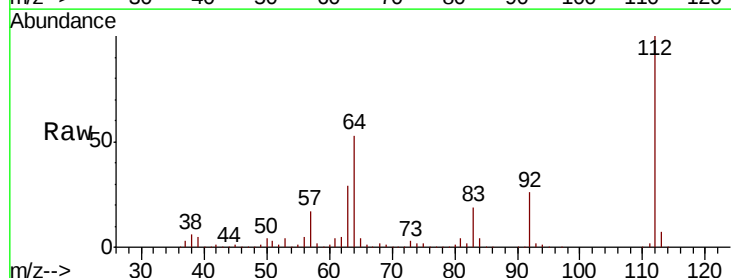
Instrument :
 BNA_F
 ClientSampleID :
 EP-12

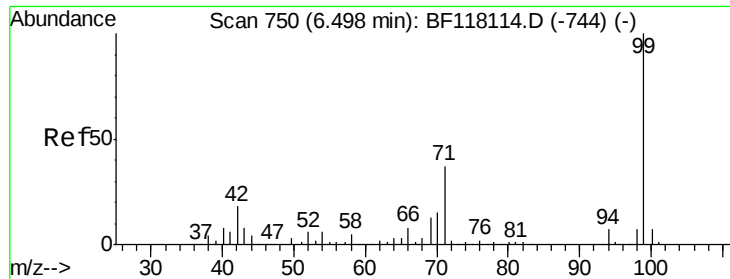
Tot Ion:152 Resp: 119003
 Ion Ratio Lower Upper
 152 100
 150 161.6 128.3 192.5
 115 64.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 107.134 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

Tgt Ion:112 Resp: 727917
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.3 61.9
 63 28.8 22.4 33.6





#7

Phenol-d6

Concen: 111.838 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118243.D

Acq: 17 Dec 2019 23:08

Instrument :

BNA_F

ClientSampleId :

EP-12

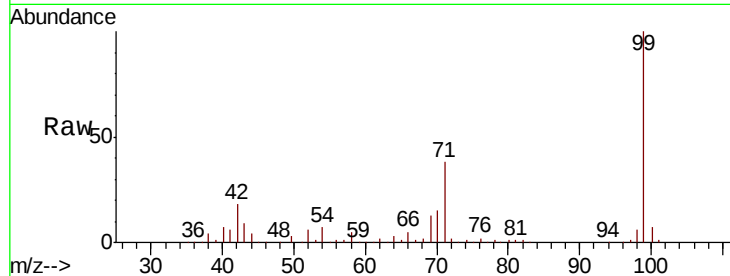
Tot Ion: 99 Resp: 919102

Ion Ratio Lower Upper

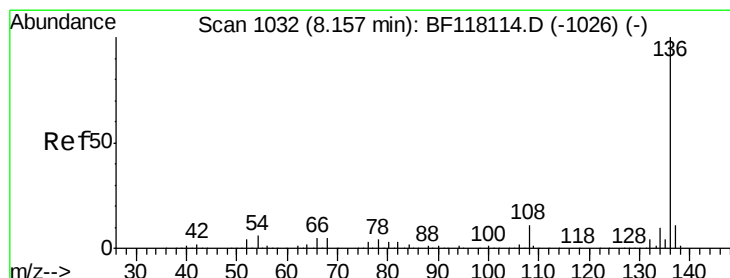
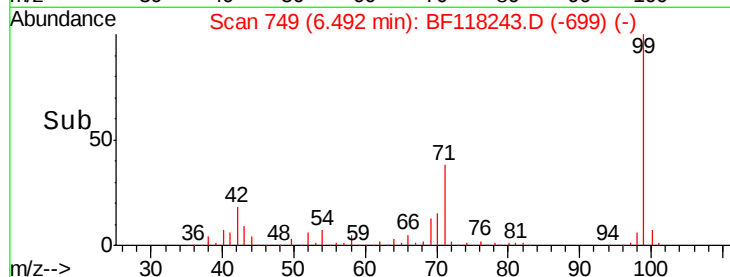
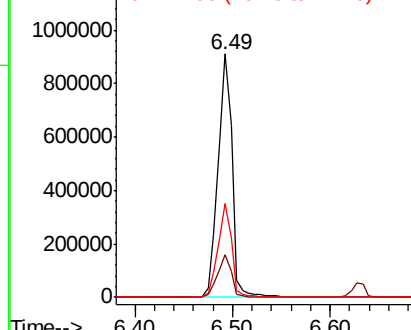
99 100

42 17.6 14.1 21.1

71 38.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118243.D

Acq: 17 Dec 2019 23:08

Tgt Ion: 136 Resp: 463731

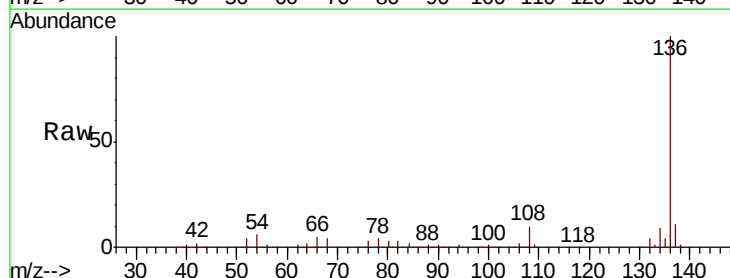
Ion Ratio Lower Upper

136 100

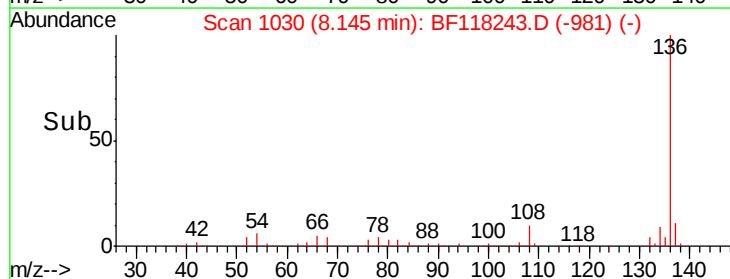
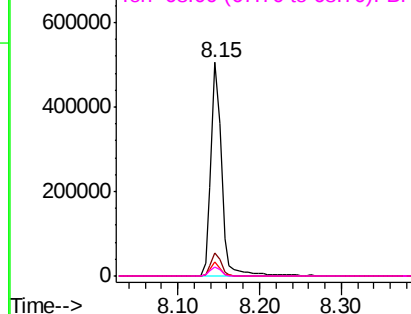
137 10.8 9.0 13.6

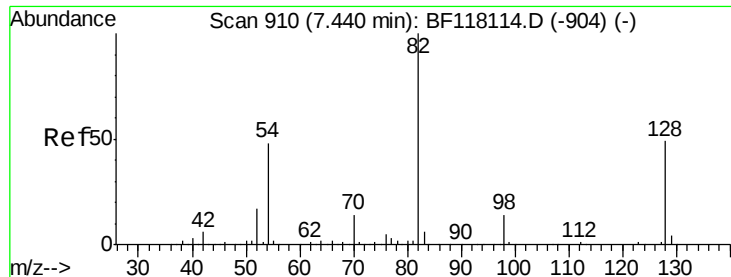
54 6.3 5.0 7.6

68 4.5 3.8 5.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

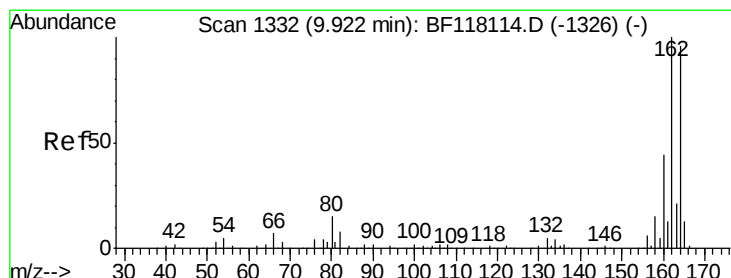
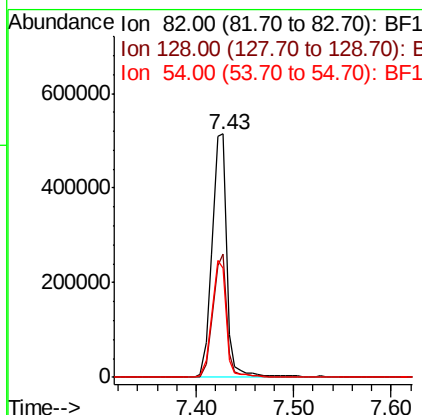
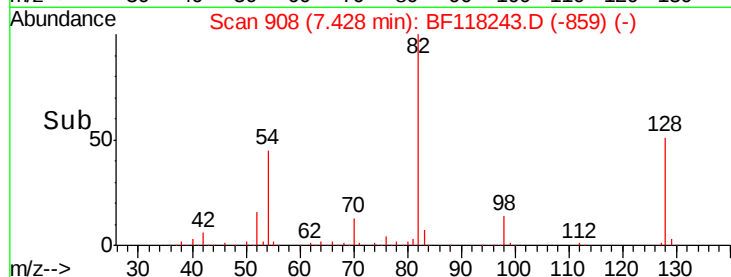
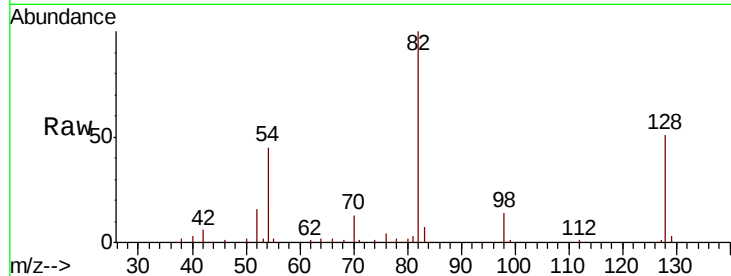




#23
 Nitrobenzene-d5
 Concen: 66.512 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

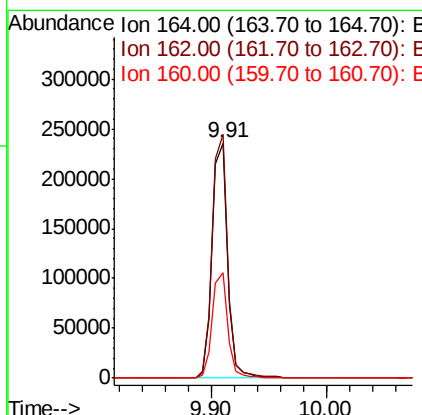
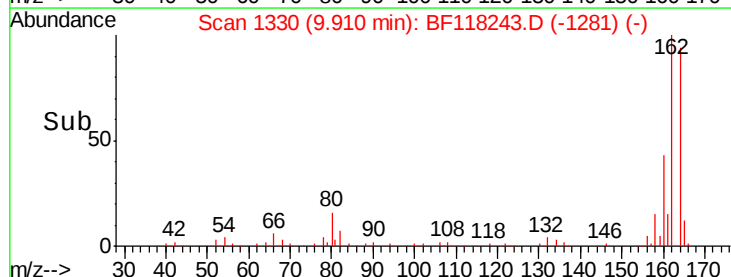
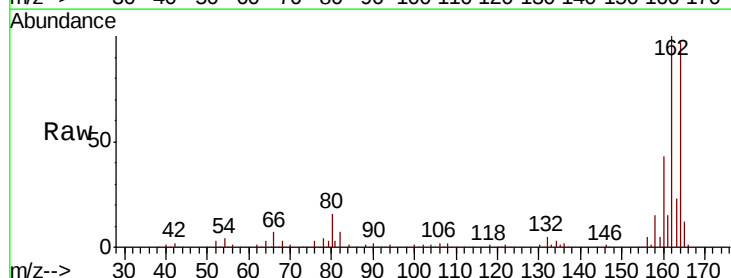
Instrument :
 BNA_F
 ClientSampleId :
 EP-12

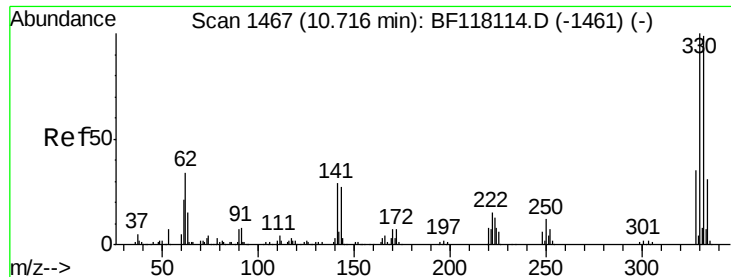
Tot Ion: 82 Resp: 548258
 Ion Ratio Lower Upper
 82 100
 128 50.8 39.1 58.7
 54 45.1 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

Tgt Ion: 164 Resp: 219517
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.4 125.0
 160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 86.202 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118243.D

Acq: 17 Dec 2019 23:08

Instrument :

BNA_F

ClientSampleId :

EP-12

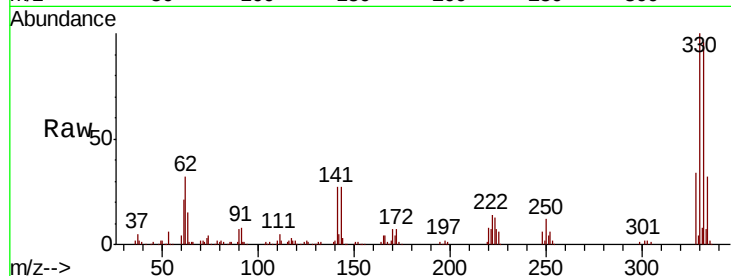
Tot Ion:330 Resp: 229877

Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

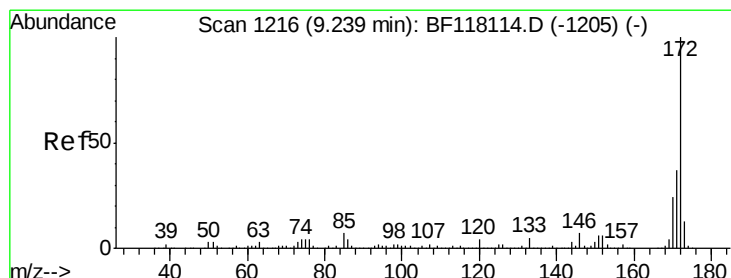
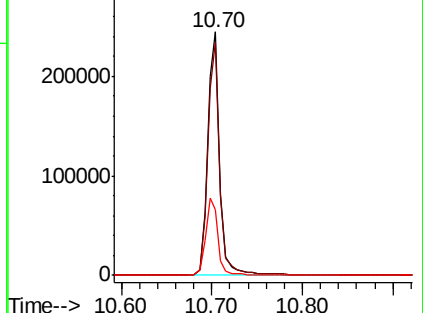
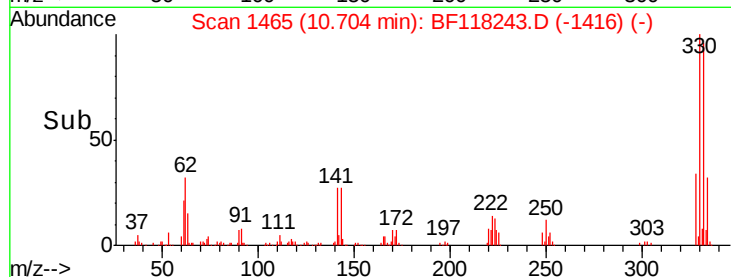
141 32.7 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 75.472 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118243.D

Acq: 17 Dec 2019 23:08

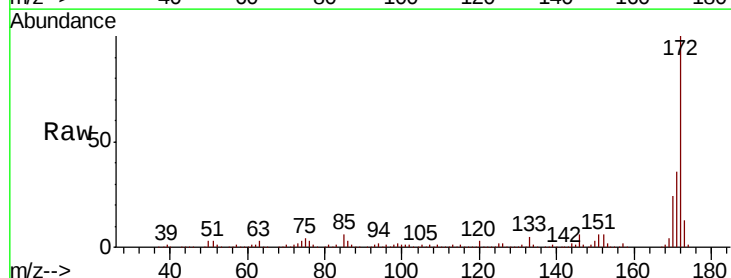
Tgt Ion:172 Resp: 1088779

Ion Ratio Lower Upper

172 100

171 36.2 29.2 43.8

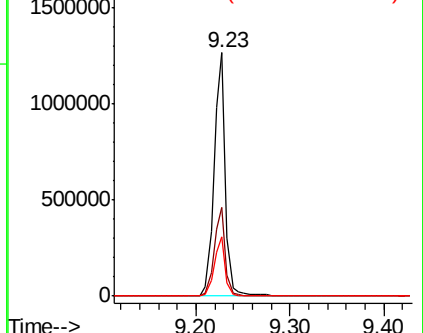
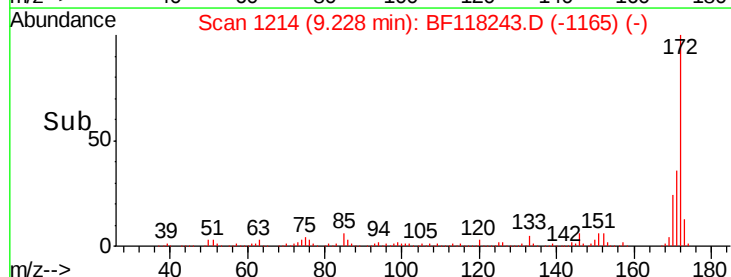
170 24.1 19.4 29.2

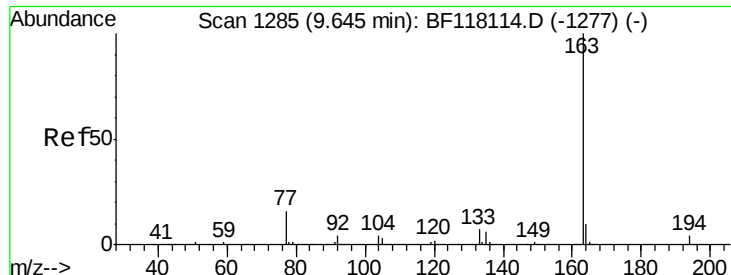


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

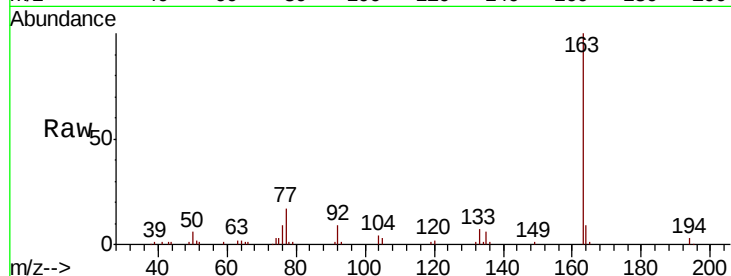




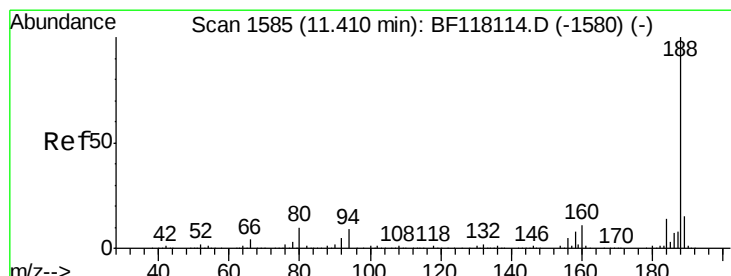
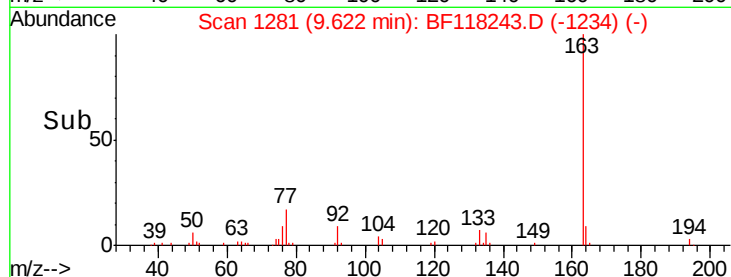
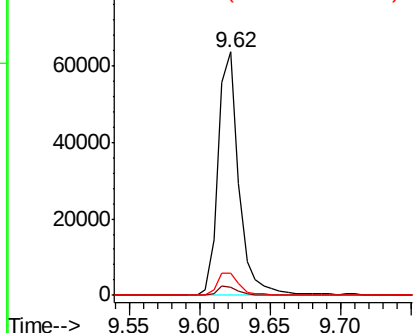
#50
Dimethylphthalate
Concen: 4.041 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118243.D
Acq: 17 Dec 2019 23:08

Instrument :
BNA_F
ClientSampleId :
EP-12

Tot Ion:163 Resp: 65524
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.3 7.7 11.5

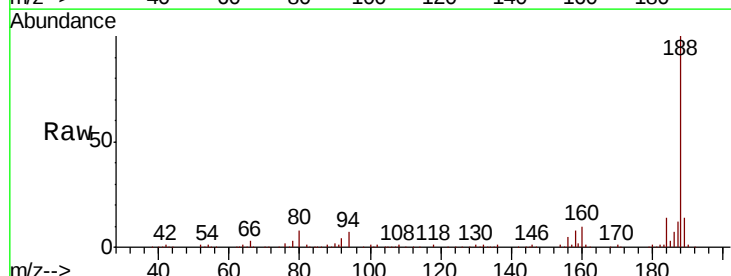


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

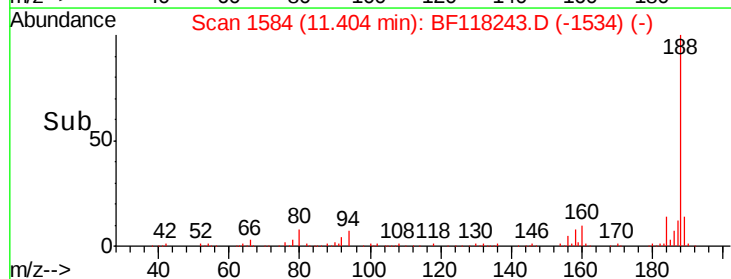
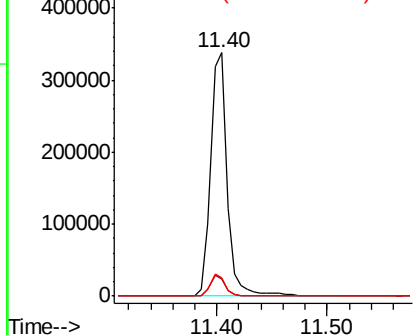


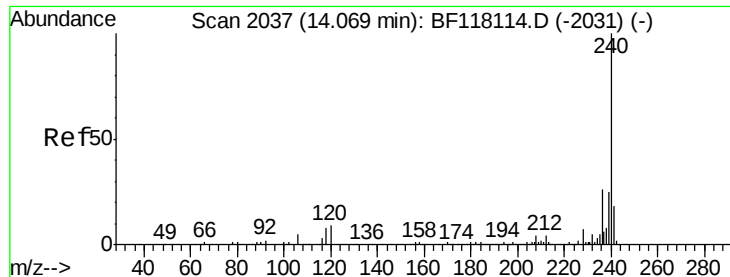
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118243.D
Acq: 17 Dec 2019 23:08

Tgt Ion:188 Resp: 345059
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.7 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

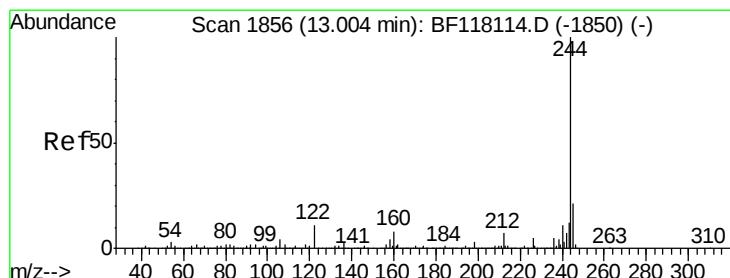
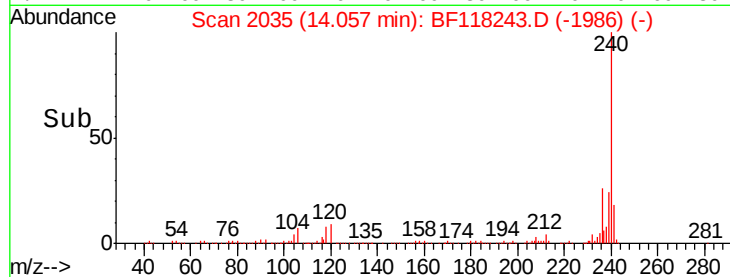
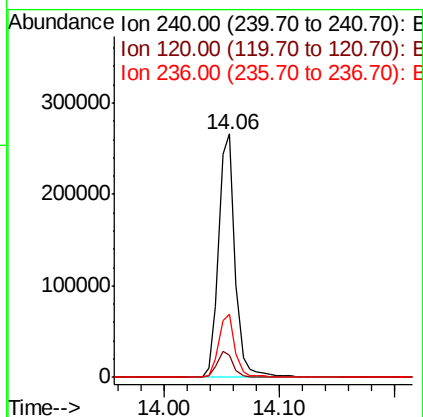
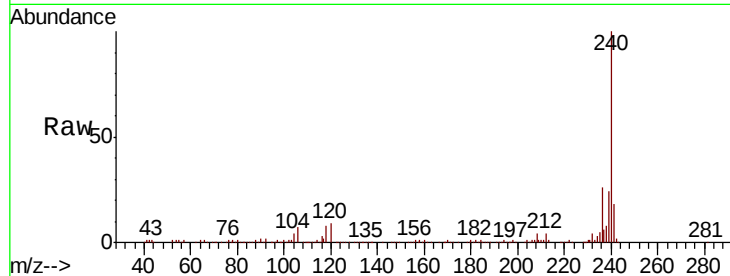




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

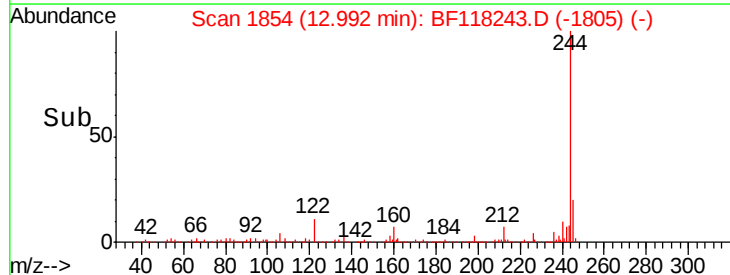
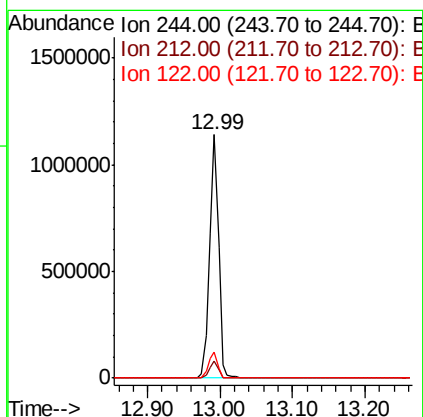
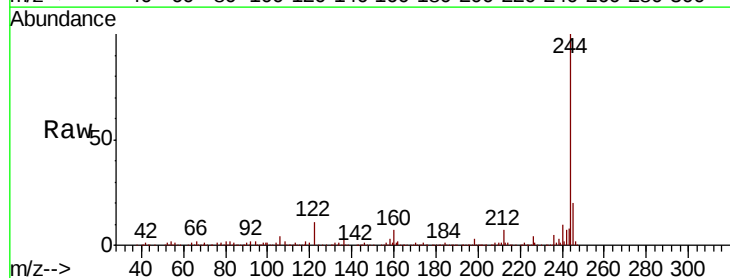
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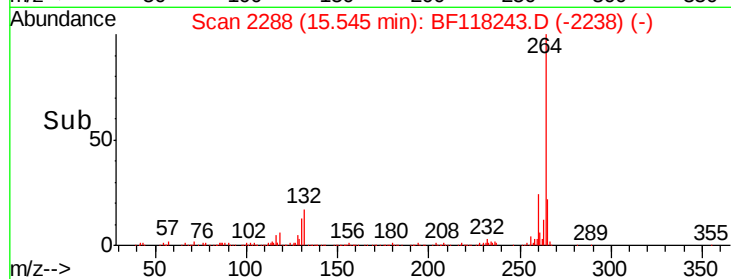
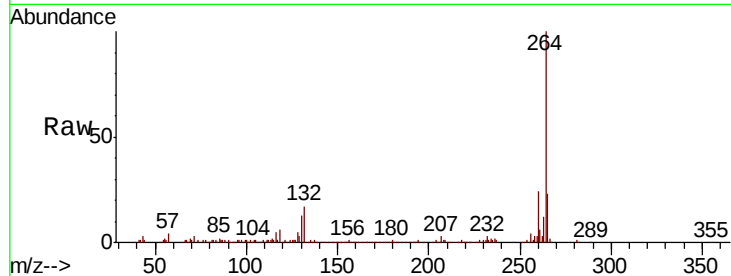
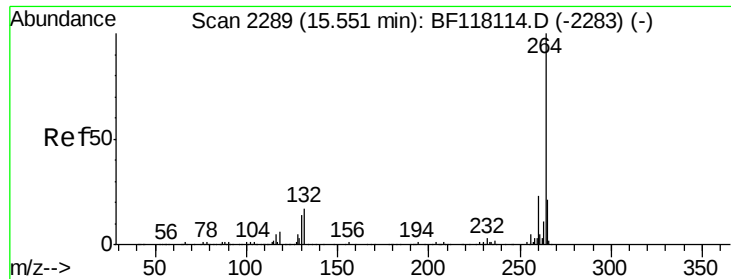
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	26.2	21.0	31.6



#79
 Terphenyl-d14
 Concen: 63.188 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118243.D
 Acq: 17 Dec 2019 23:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.9	9.0	13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118243.D
Acq: 17 Dec 2019 23:08

Instrument :
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ClientSampleId :
EP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.6	16.8	25.2

