

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117819.D
 Acq On : 15 Nov 2019 22:41
 Operator : JU
 Sample : K5861-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-18

Quant Time: Nov 18 03:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

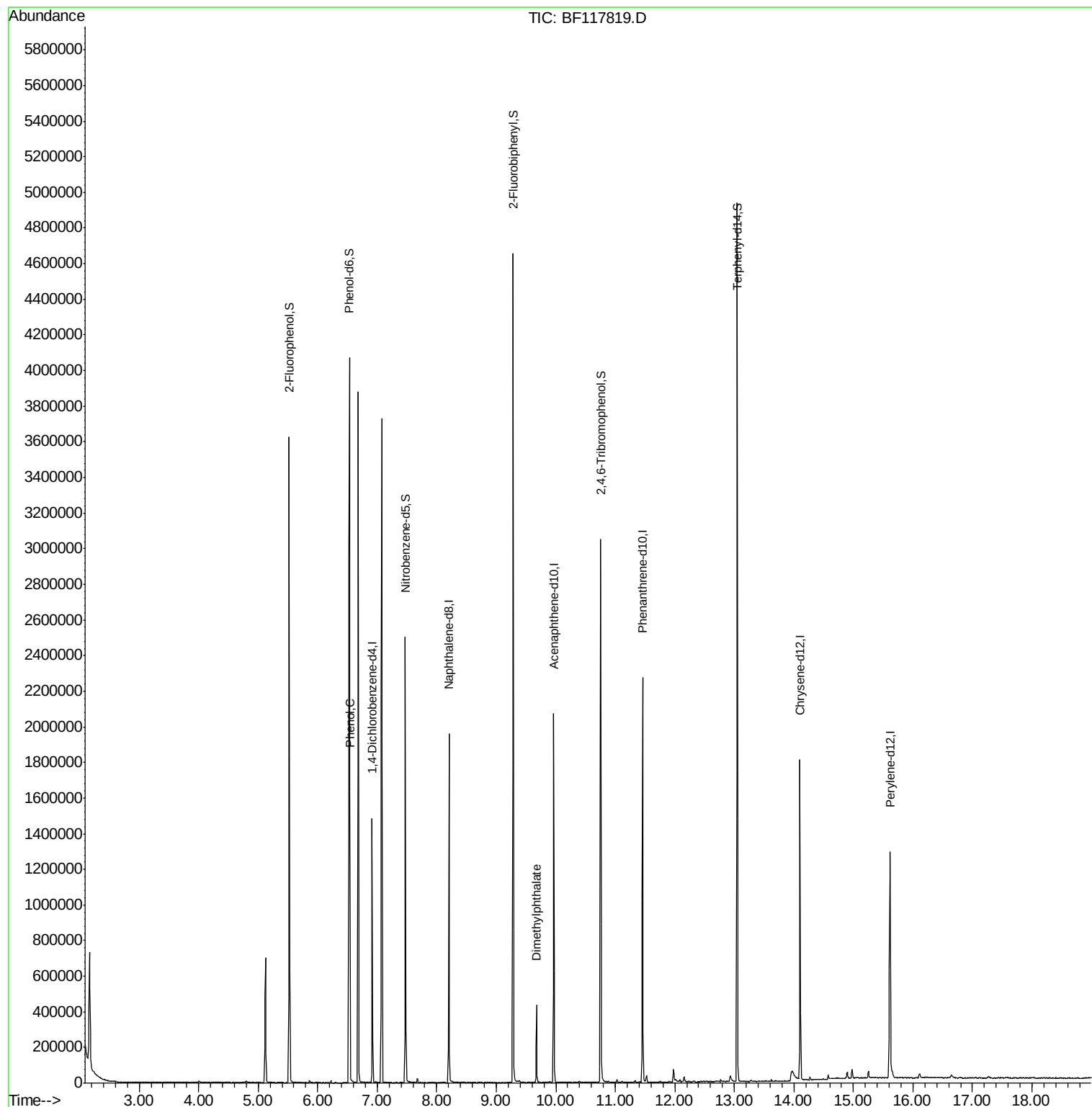
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	209718	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	818589	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	419952	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	798835	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	580739	20.00	ng	-0.01
87) Perylene-d12	15.62	264	594571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1059246	89.40	ng	-0.01
7) Phenol-d6	6.53	99	1300710	91.02	ng	-0.01
23) Nitrobenzene-d5	7.47	82	770936	55.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	366778	82.50	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1480560	63.25	ng	0.00
79) Terphenyl-d14	13.05	244	1735930	54.63	ng	0.00
Target Compounds						
10) Phenol	6.55	94	50499	3.401	ng	95
50) Dimethylphthalate	9.67	163	156115	5.301	ng	98

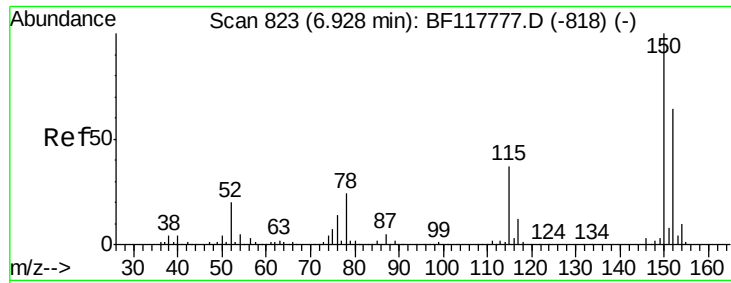
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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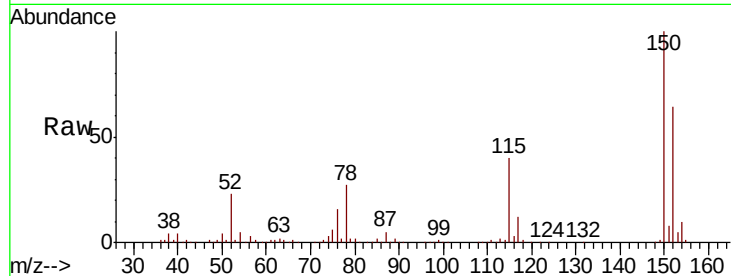




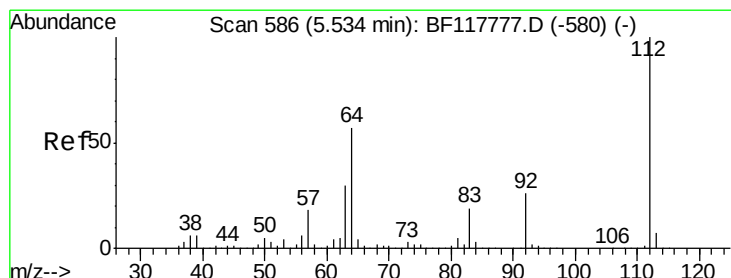
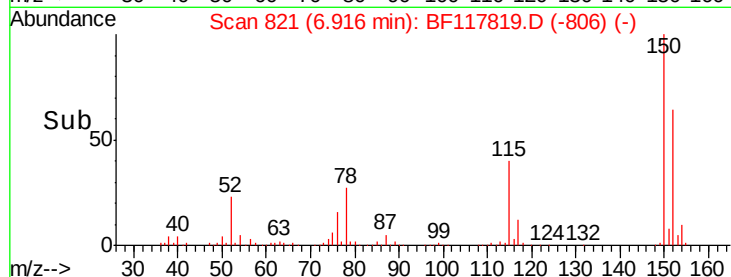
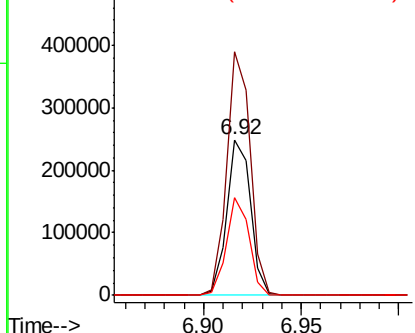
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117819.D
 Acq: 15 Nov 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :
 EP-18

Tot Ion:152 Resp: 209718
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 62.9 47.0 70.4

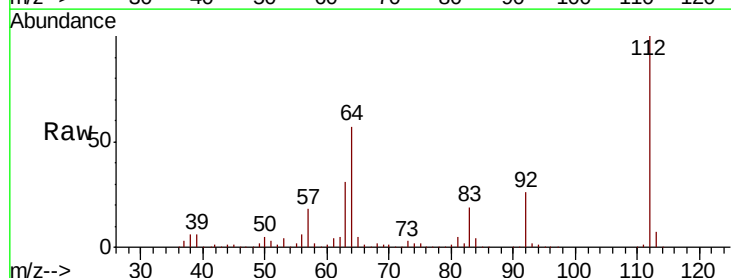


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

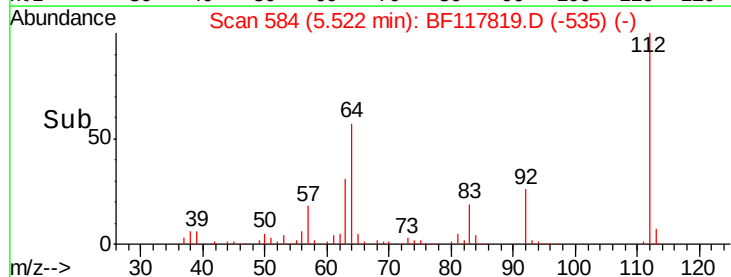
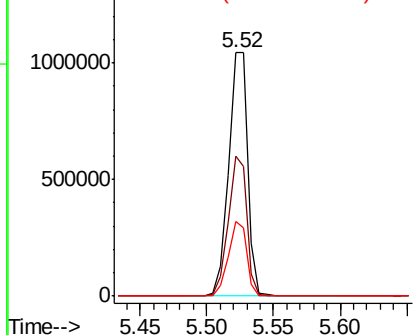


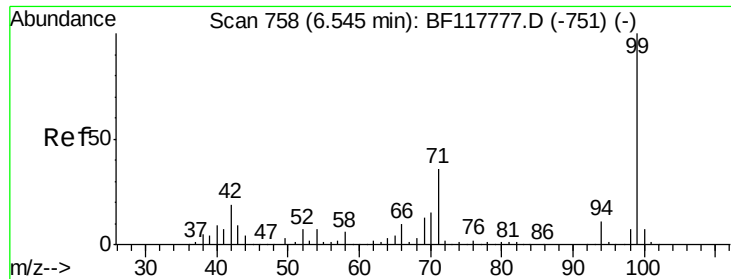
#5
 2-Fluorophenol
 Concen: 89.405 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF117819.D
 Acq: 15 Nov 2019 22:41

Tgt Ion:112 Resp: 1059246
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.6 68.4
 63 30.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.020 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117819.D

Acq: 15 Nov 2019 22:41

Instrument :

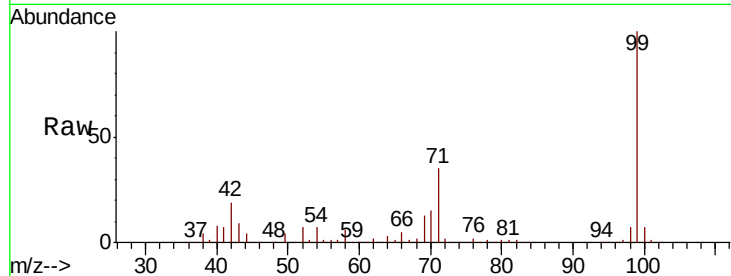
BNA_F

ClientSampleId :

EP-18

Tot Ion: 99 Resp: 1300710

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	35.0	28.6	43.0

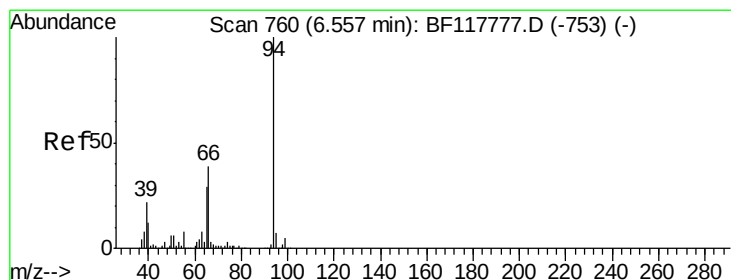
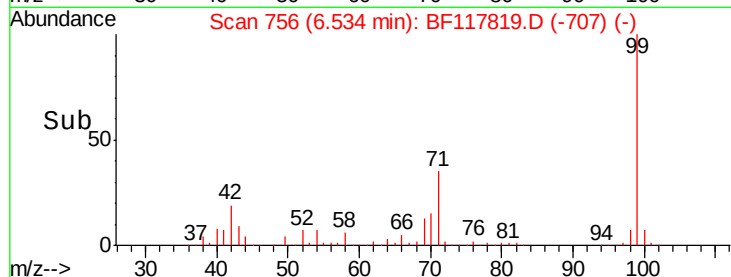
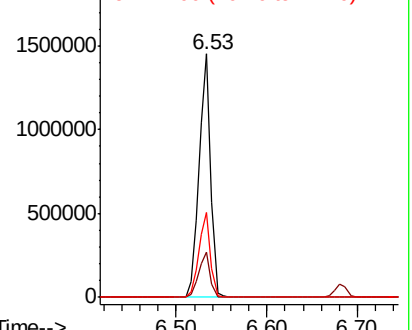


Abundance

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



#10

Phenol

Concen: 3.401 ng

RT: 6.55 min Scan# 758

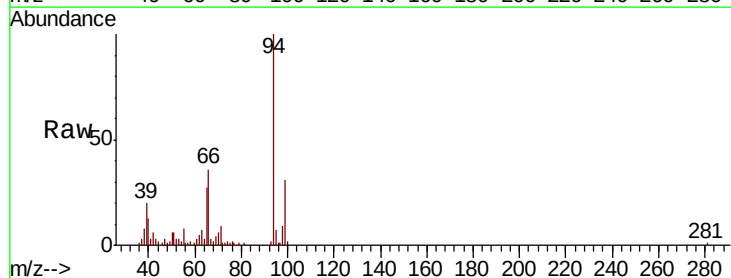
Delta R.T. -0.01 min

Lab File: BF117819.D

Acq: 15 Nov 2019 22:41

Tgt Ion: 94 Resp: 50499

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.9	48.9
66	35.6	18.7	58.7

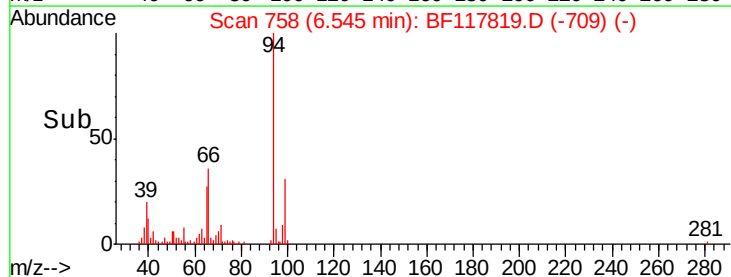
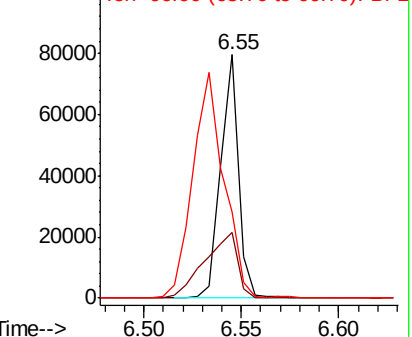


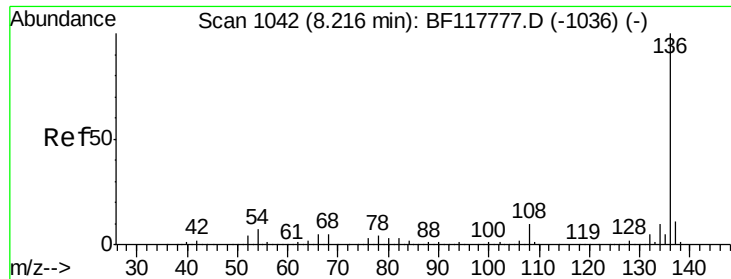
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

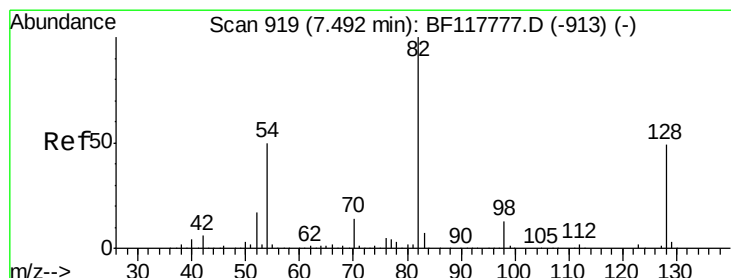
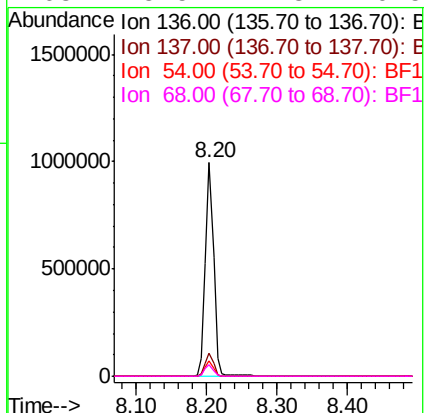
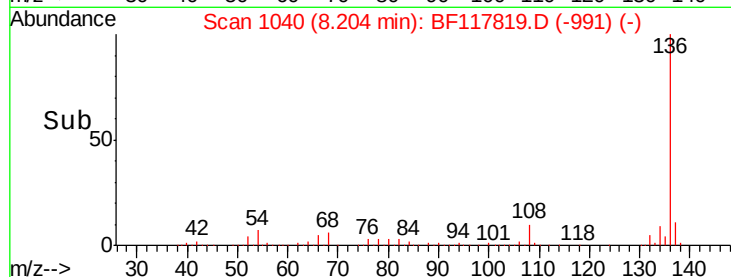
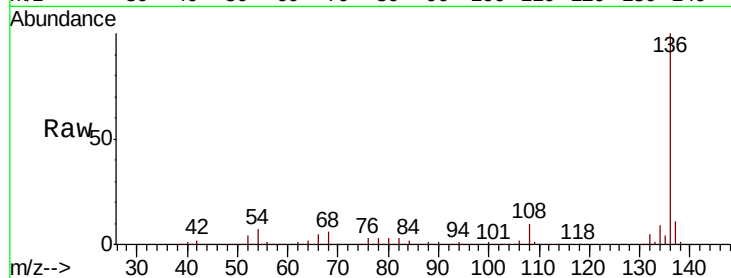




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

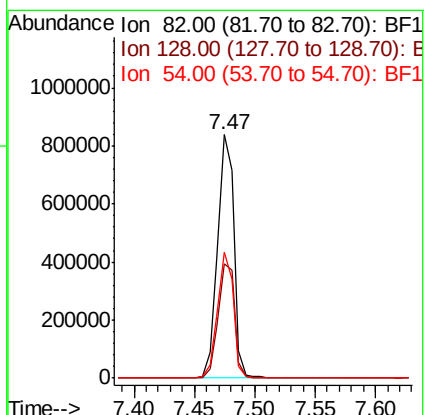
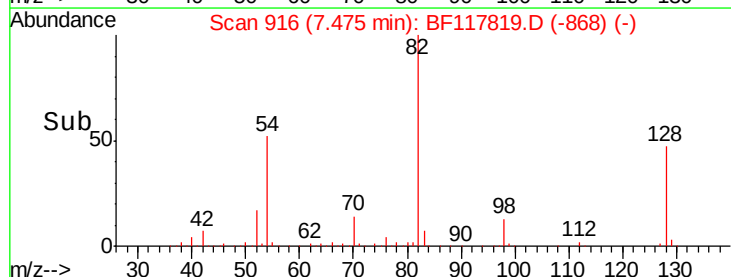
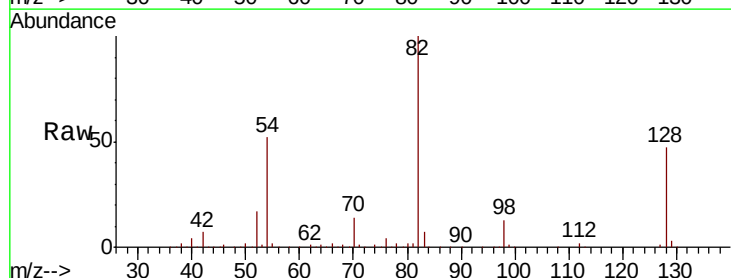
Instrument :
BNA_F
ClientSampleId :
EP-18

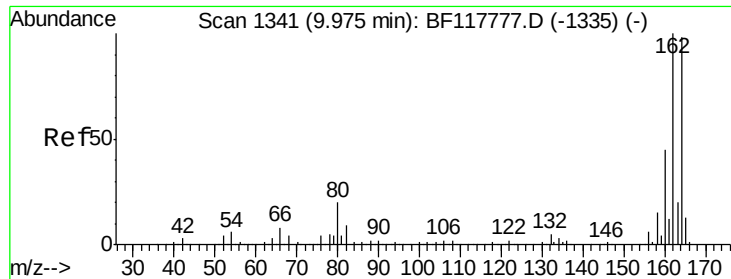
Tot Ion:136	Resp:	818589
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.2	5.4 8.2
68	5.5	4.3 6.5



#23
Nitrobenzene-d5
Concen: 55.985 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

Tgt Ion: 82	Resp:	770936
Ion	Ratio	Lower Upper
82	100	
128	46.9	38.9 58.3
54	51.8	39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117819.D

Acq: 15 Nov 2019 22:41

Instrument :

BNA_F

ClientSampleId :

EP-18

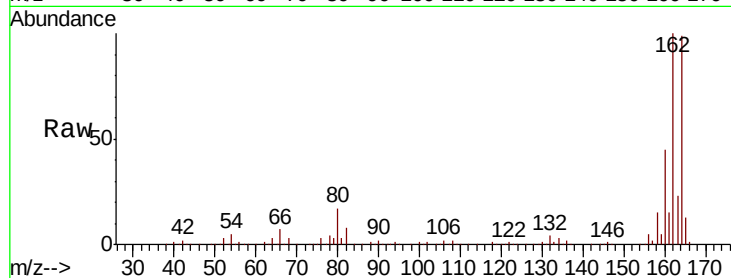
Tot Ion:164 Resp: 419952

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

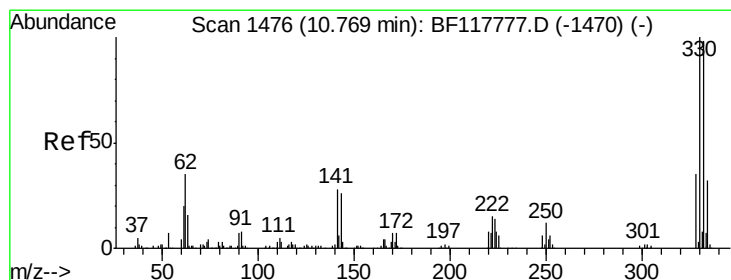
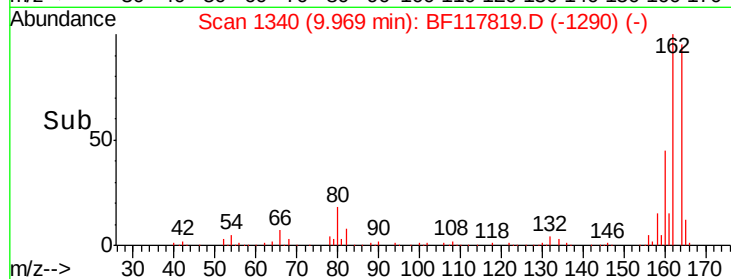
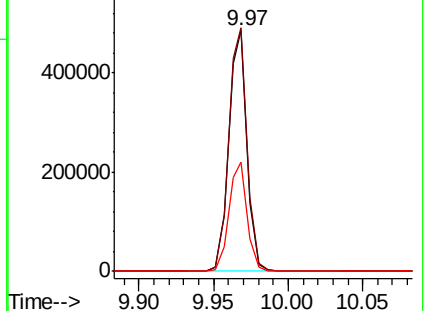
160 45.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 82.496 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117819.D

Acq: 15 Nov 2019 22:41

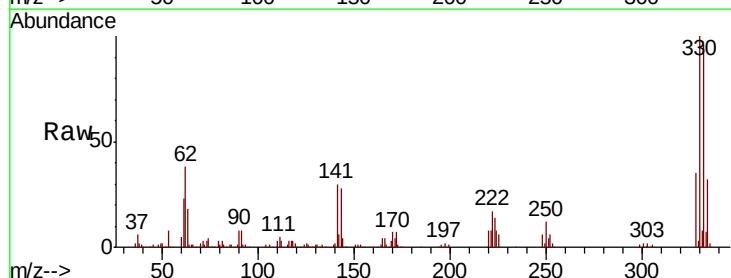
Tgt Ion:330 Resp: 366778

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

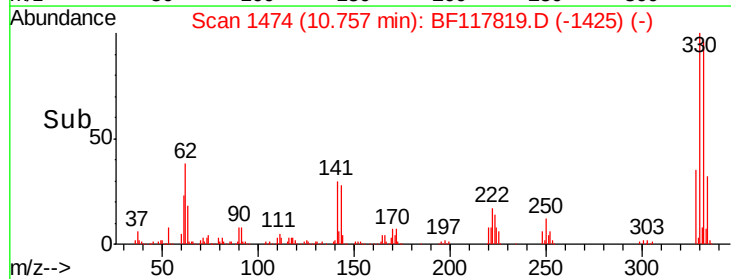
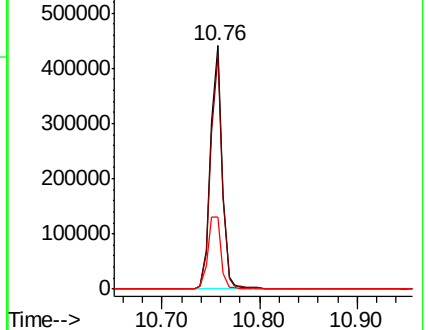
141 33.5 27.7 41.5

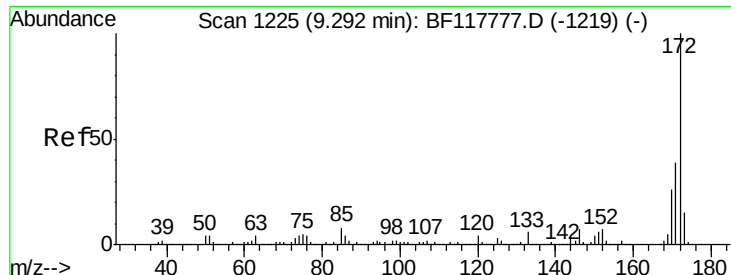


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

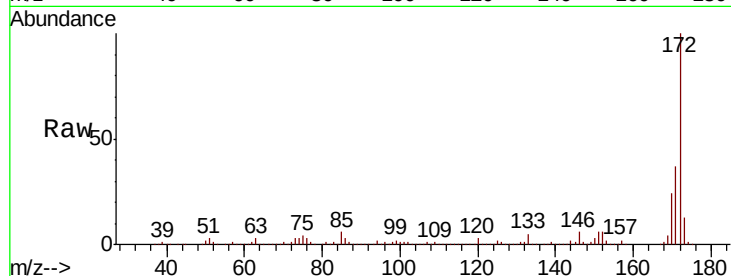




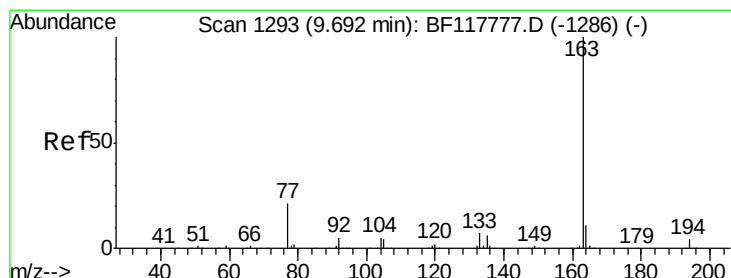
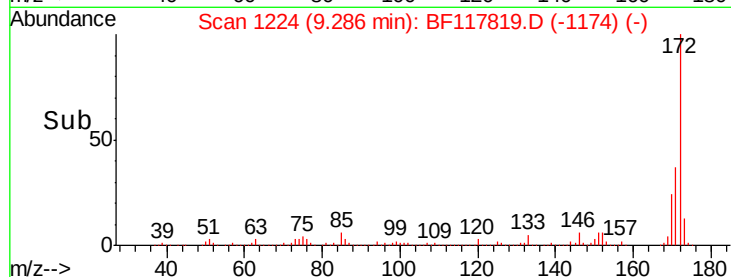
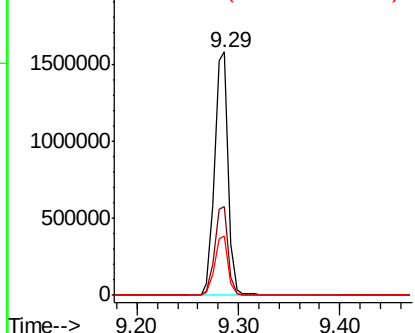
#45
2-Fluorobiphenyl
Concen: 63.250 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 1480560
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 24.3 21.0 31.4

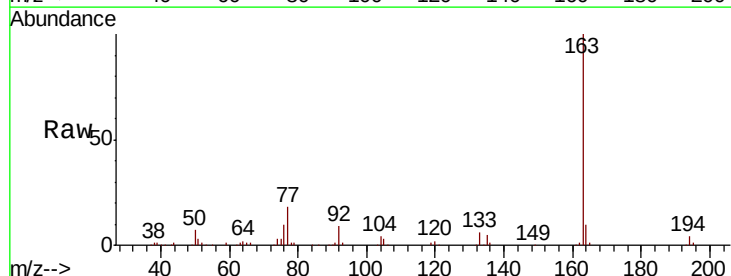


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

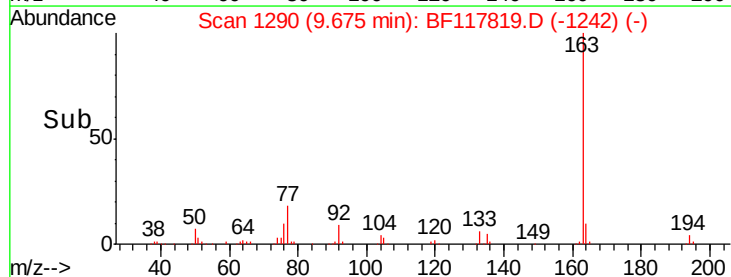
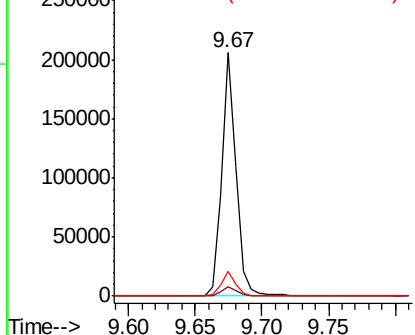


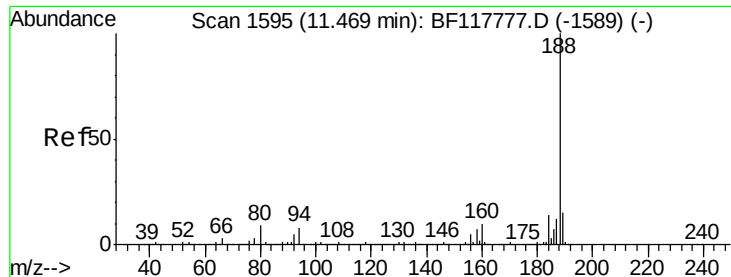
#50
Dimethylphthalate
Concen: 5.301 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

Tgt Ion:163 Resp: 156115
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.2 8.7 13.1



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

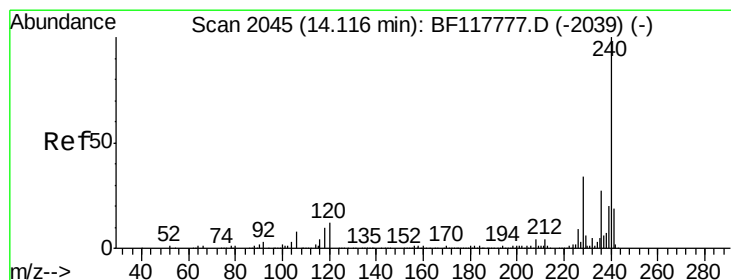
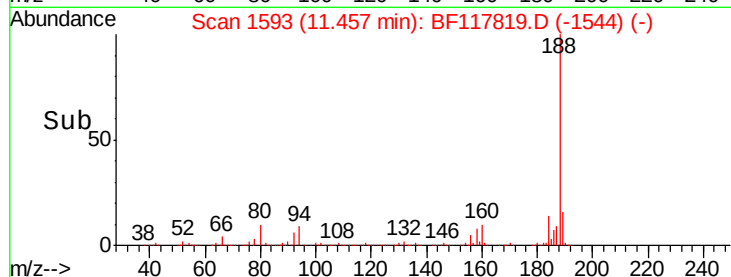
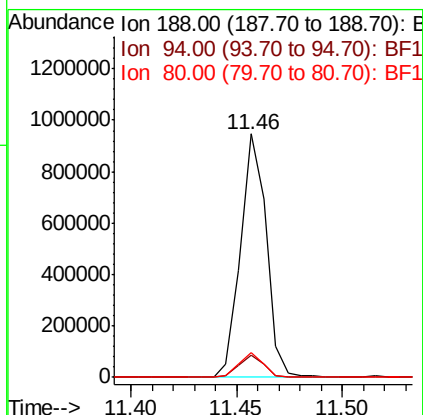
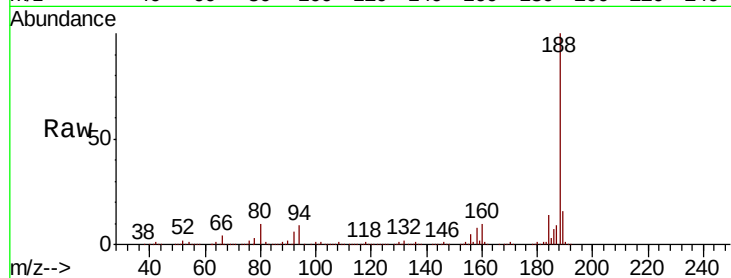




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

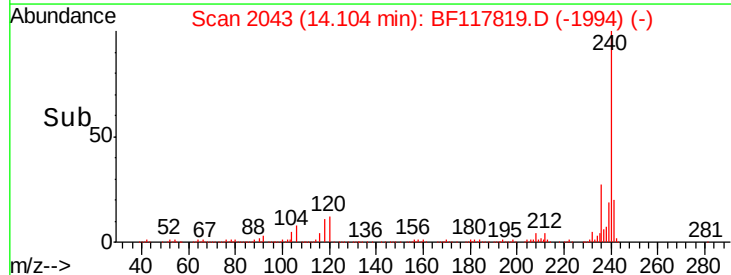
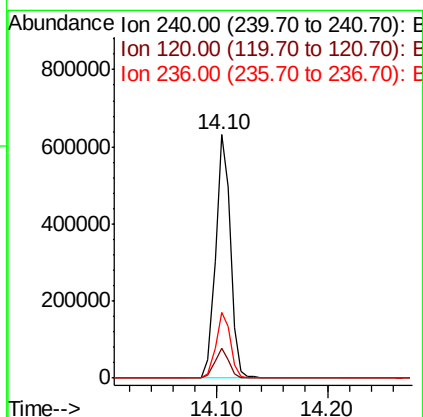
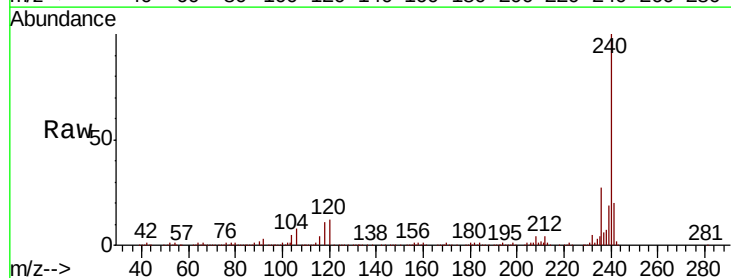
Instrument :
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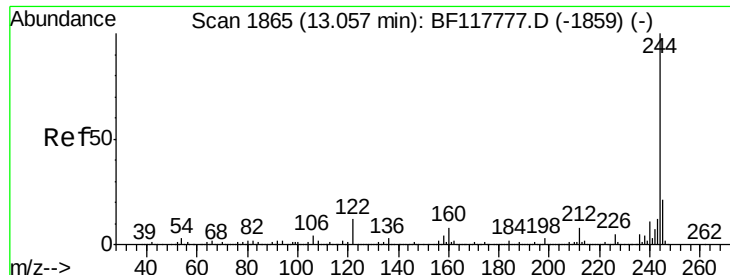
Tot Ion:188 Resp: 798835
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 10.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117819.D
Acq: 15 Nov 2019 22:41

Tgt Ion:240 Resp: 580739
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 27.0 21.3 31.9

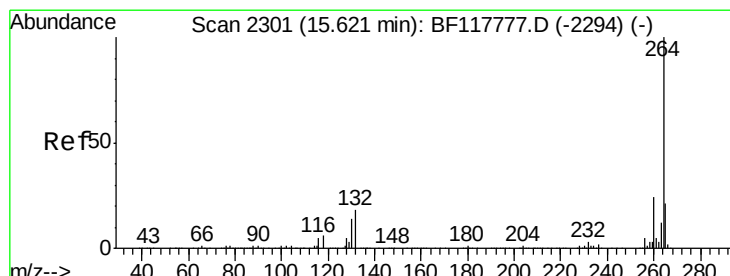
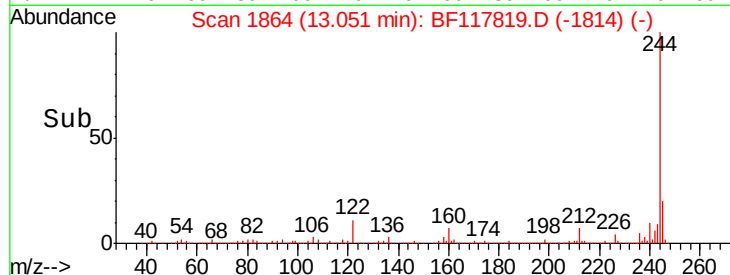
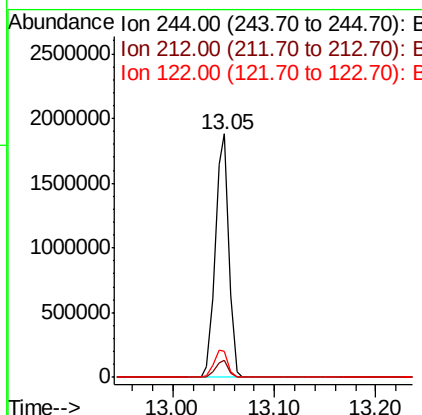
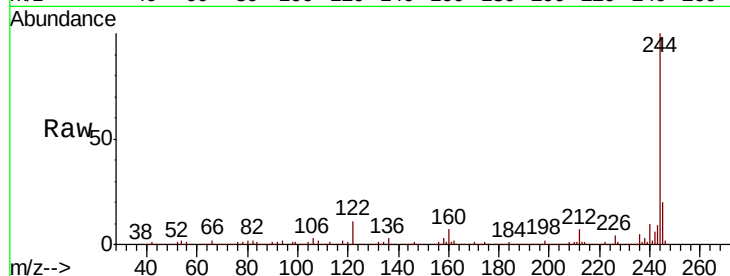




#79
 Terphenyl-d14
 Concen: 54.630 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117819.D
 Acq: 15 Nov 2019 22:41

Instrument :
 BNA_F
 ClientSampled :
 EP-18

Tot Ion:244 Resp: 1735930
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 10.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117819.D
 Acq: 15 Nov 2019 22:41

Tgt Ion:264 Resp: 594571
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.5 17.1 25.7

