

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117244.D
 Acq On : 25 Sep 2019 17:04
 Operator : JU
 Sample : K5021-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036

Quant Time: Sep 26 03:37:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

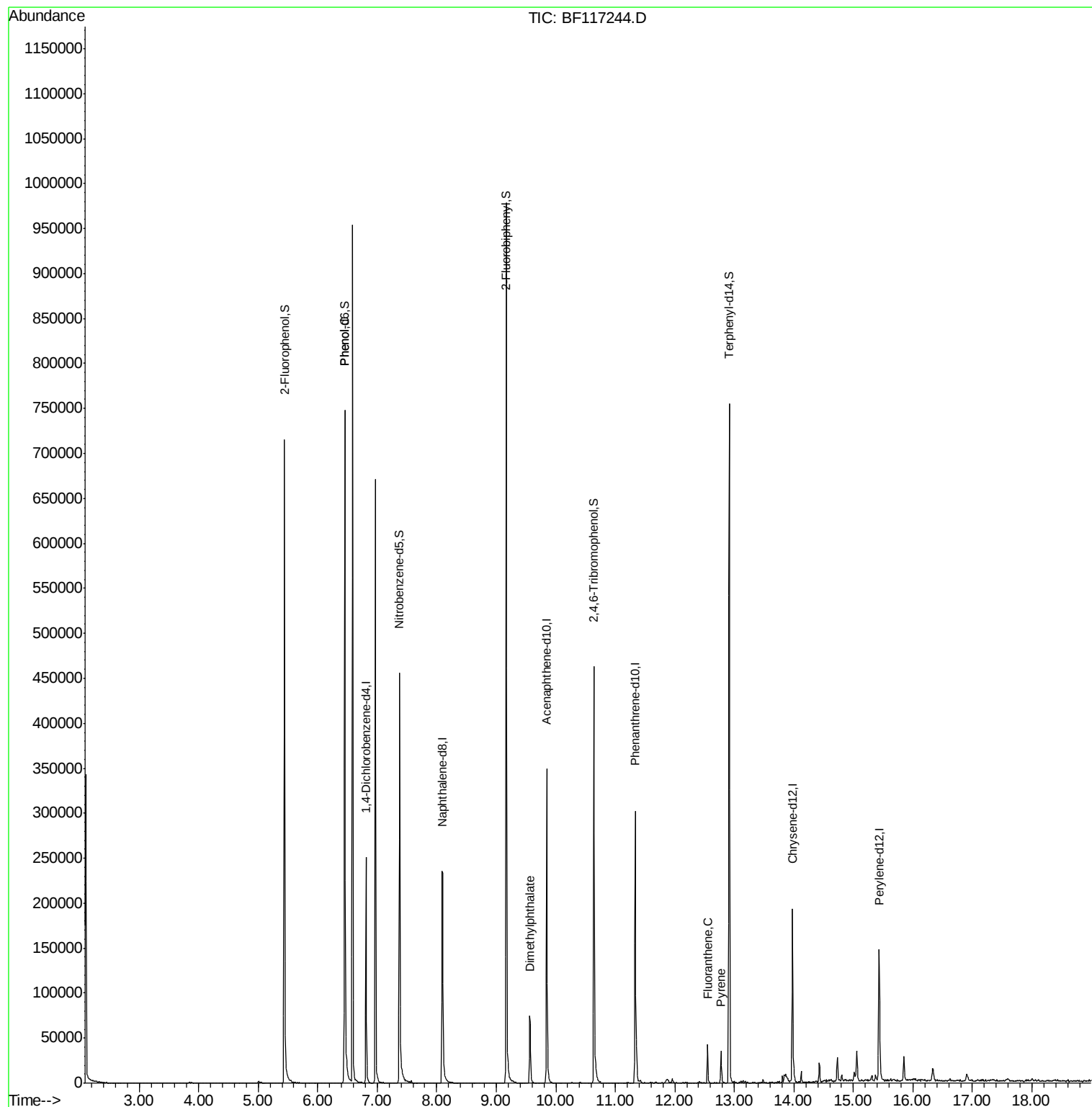
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	40332	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	162218	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	84891	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	132355	20.00	ng	0.00
76) Chrysene-d12	13.97	240	73112	20.00	ng	0.00
87) Perylene-d12	15.43	264	67765	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	210908	81.64	ng	0.00
7) Phenol-d6	6.46	99	295213	88.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	185040	59.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	59580	83.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	308362	56.80	ng	0.00
79) Terphenyl-d14	12.92	244	242625	62.03	ng	0.00
Target Compounds						
10) Phenol	6.46	94	10190	2.769	ng	Qvalue # 68
50) Dimethylphthalate	9.56	163	42143	7.011	ng	98
75) Fluoranthene	12.55	202	21062	2.727	ng	95
78) Pyrene	12.78	202	18197	2.966	ng	99

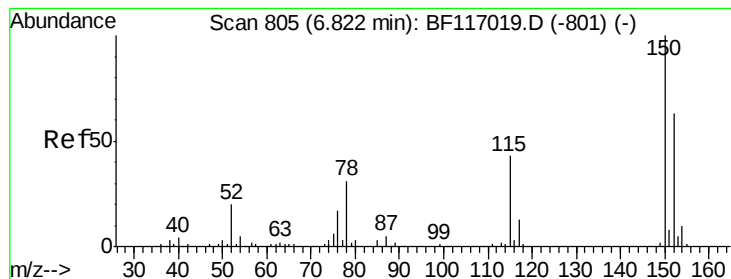
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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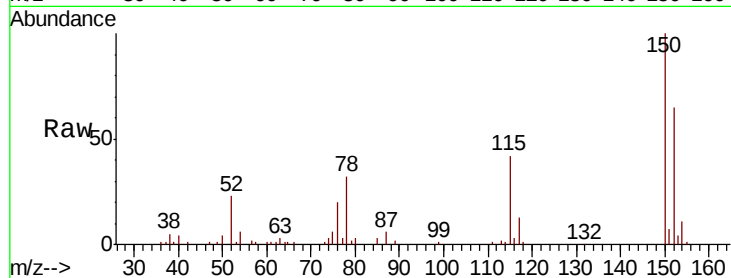


#1

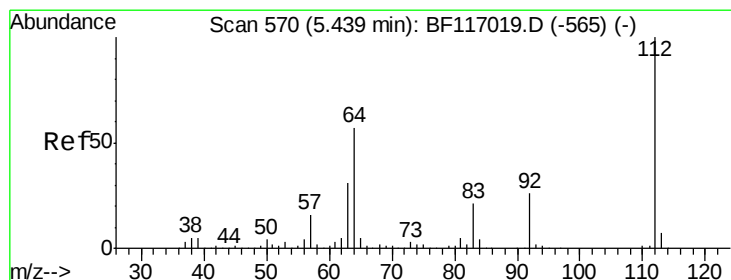
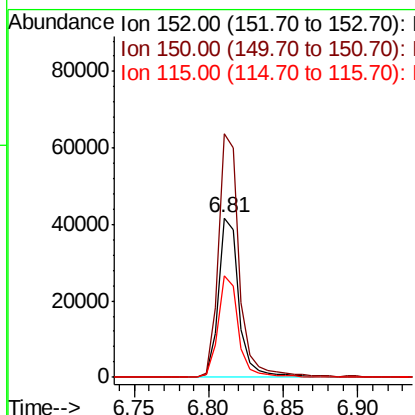
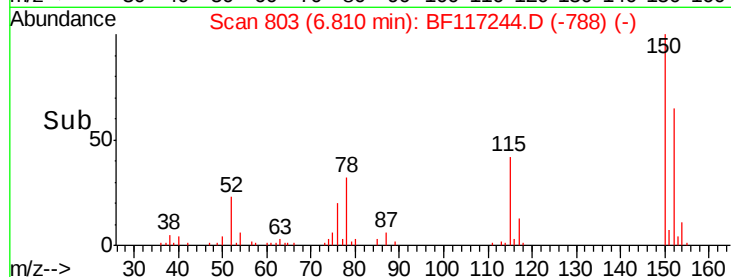
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

Tot Ion:152 Resp: 40332
Ion Ratio Lower Upper
152 100
150 152.9 127.5 191.3
115 64.0 55.0 82.4



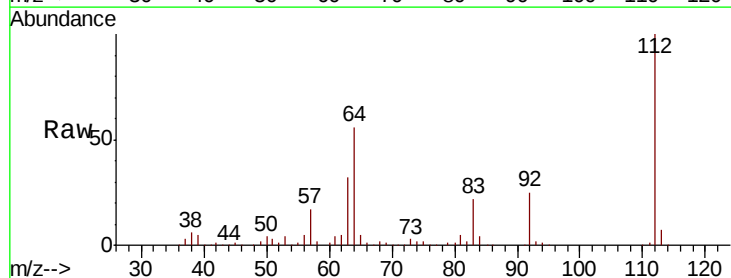
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



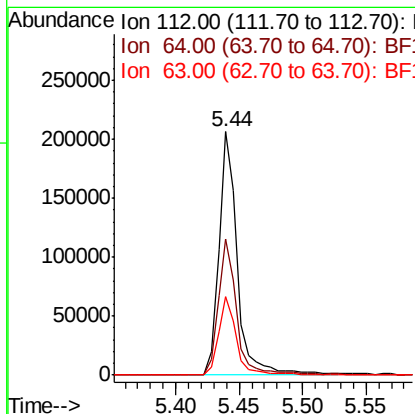
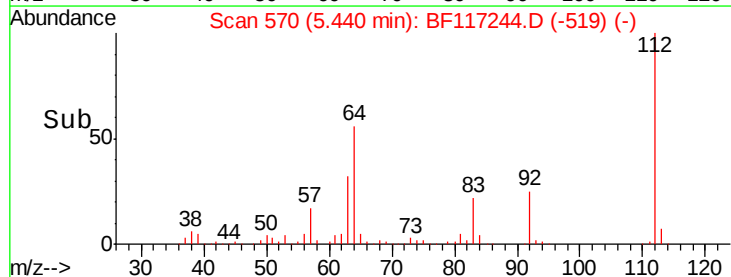
#5

2-Fluorophenol
Concen: 81.642 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:112 Resp: 210908
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 32.1 24.9 37.3



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: 88.425 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

Instrument :

BNA_F

ClientSampleId :

RT-1488-RBR200031-RBR200036

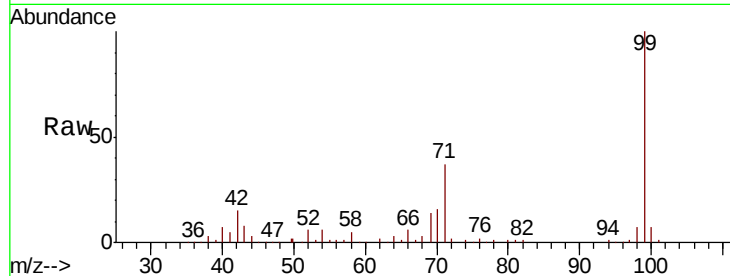
Tot Ion: 99 Resp: 295213

Ion Ratio Lower Upper

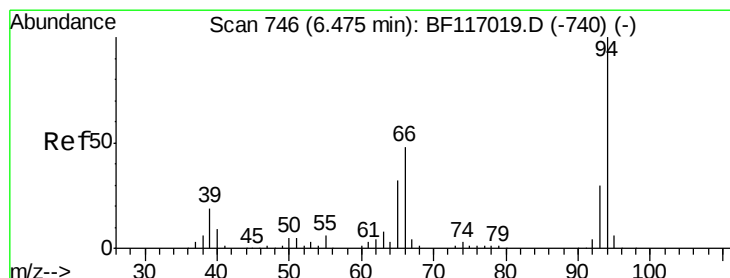
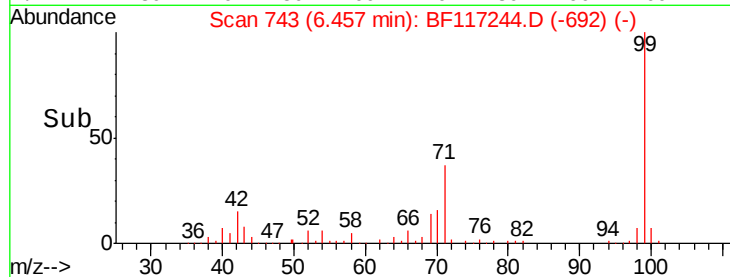
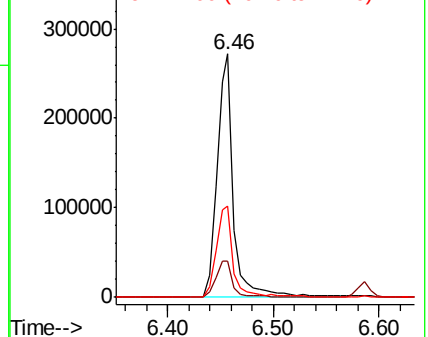
99 100

42 15.1 12.2 18.2

71 37.3 29.8 44.8



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: 2.769 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

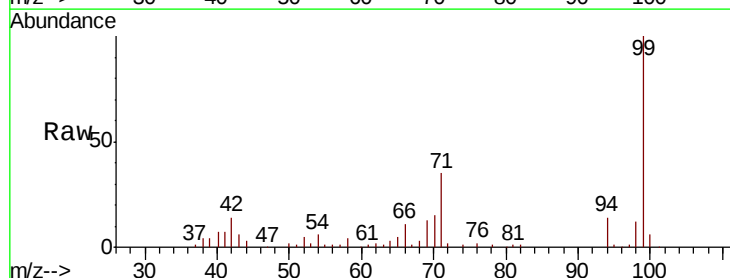
Tgt Ion: 94 Resp: 10190

Ion Ratio Lower Upper

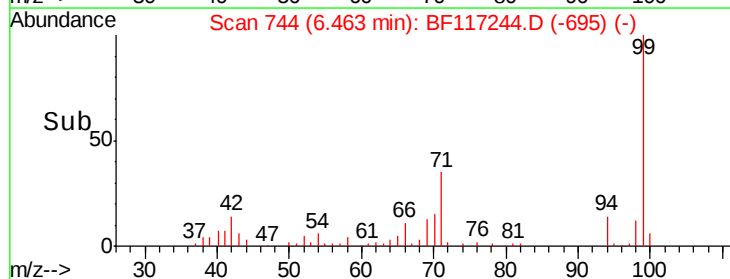
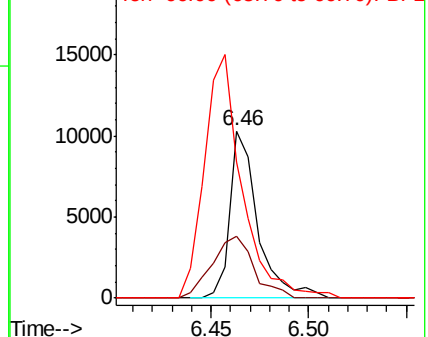
94 100

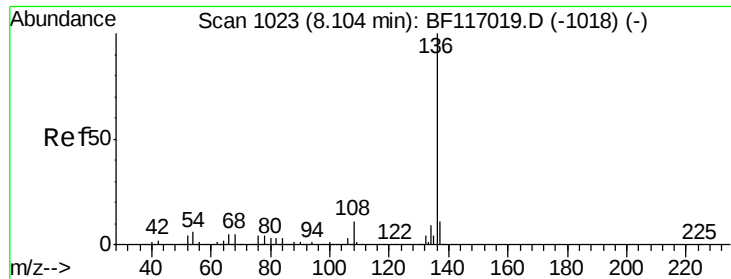
65 36.9 12.5 52.5

66 81.1 28.9 68.9#



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

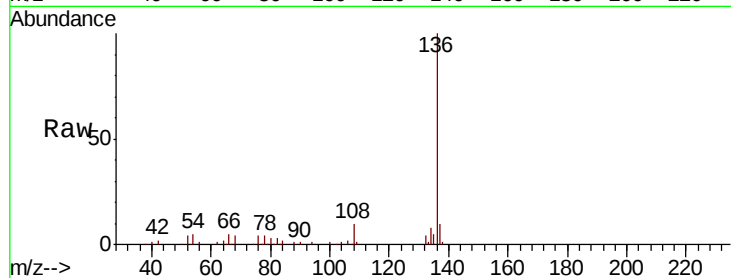




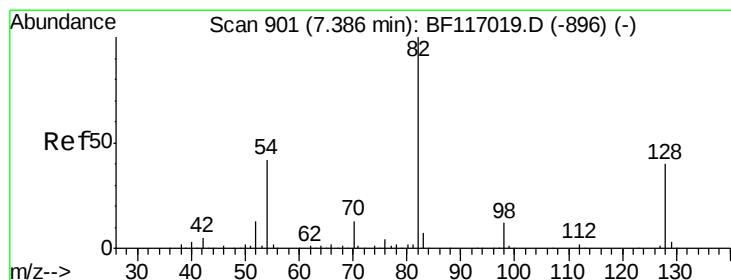
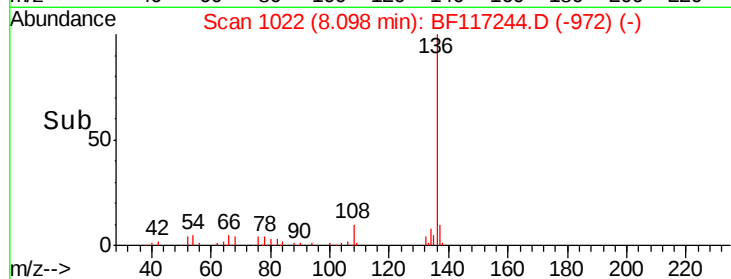
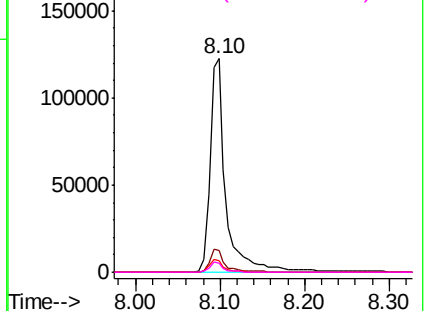
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

Tot Ion:136	Resp:	162218
Ion	Ratio	Lower Upper
136	100	
137	9.9	9.0 13.4
54	5.3	4.5 6.7
68	4.0	4.0 6.0

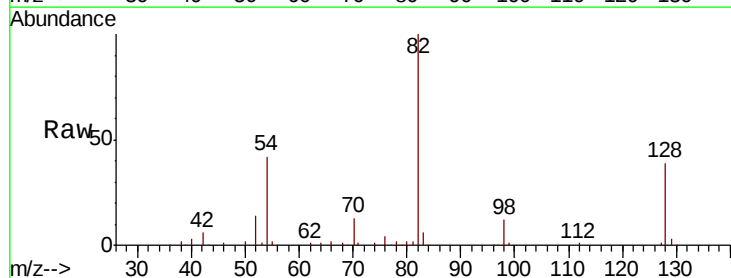


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

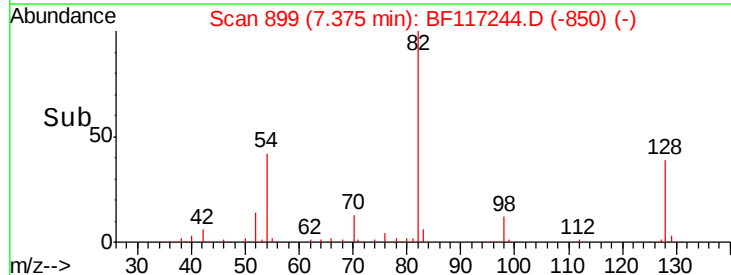
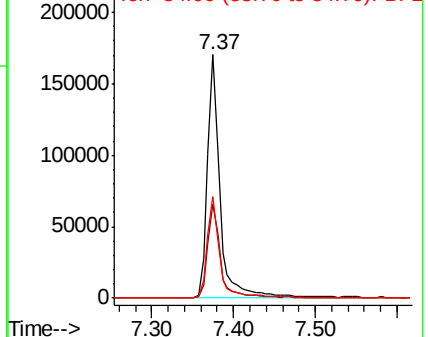


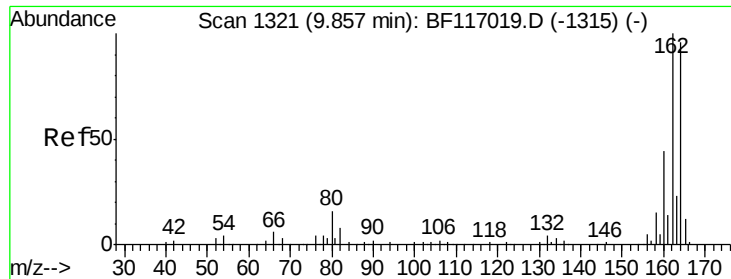
#23
Nitrobenzene-d5
Concen: 59.934 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion: 82	Resp:	185040
Ion	Ratio	Lower Upper
82	100	
128	38.5	32.3 48.5
54	41.6	33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

Instrument :

BNA_F

ClientSampleId :

RT-1488-RBR200031-RBR200036

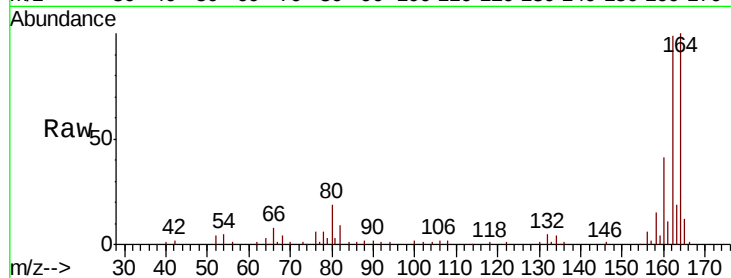
Tot Ion:164 Resp: 84891

Ion Ratio Lower Upper

164 100

162 99.4 83.4 125.2

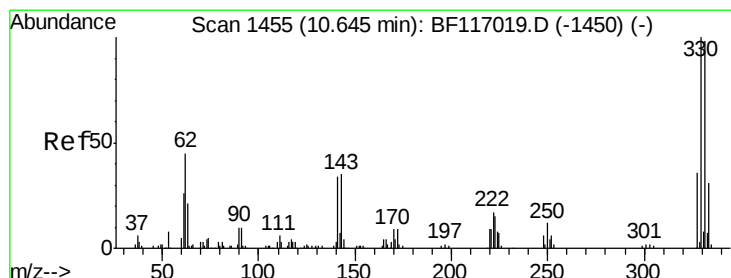
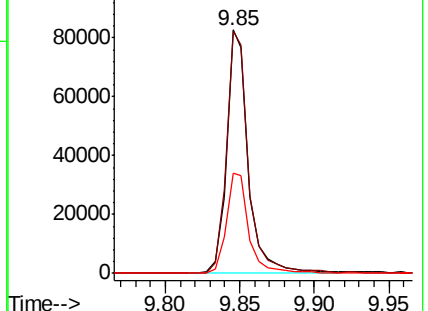
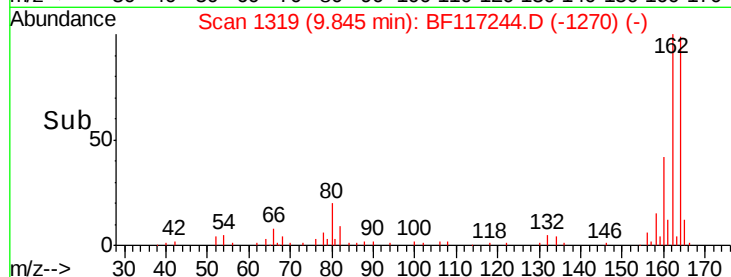
160 41.4 36.4 54.6



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: 83.975 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

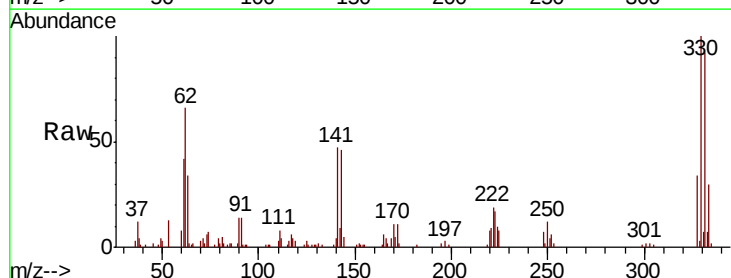
Tgt Ion:330 Resp: 59580

Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

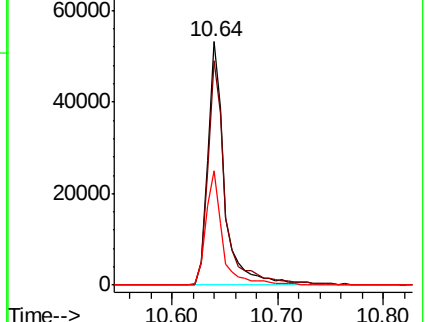
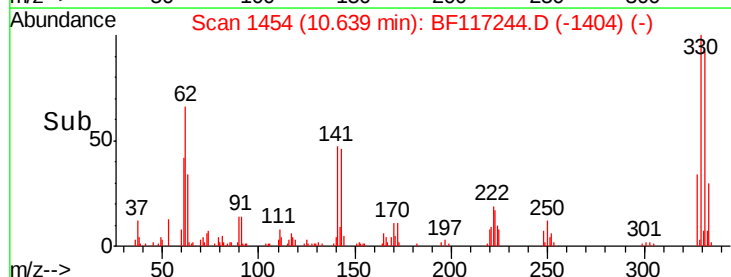
141 45.4 35.8 53.6

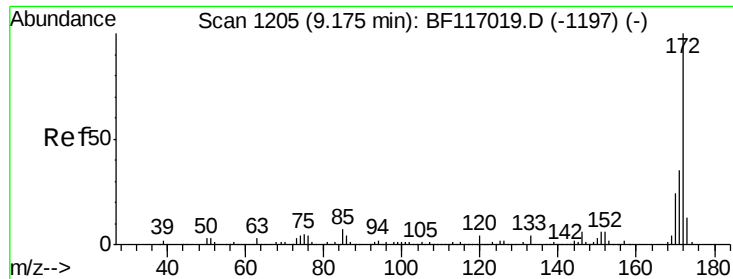


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

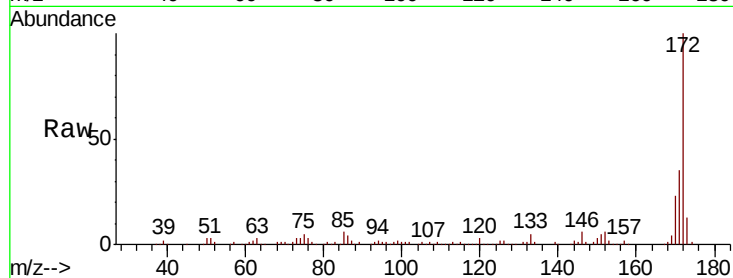




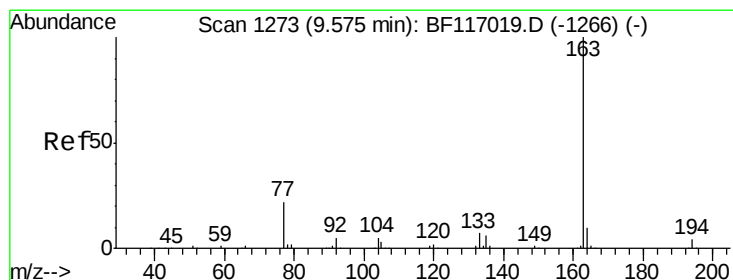
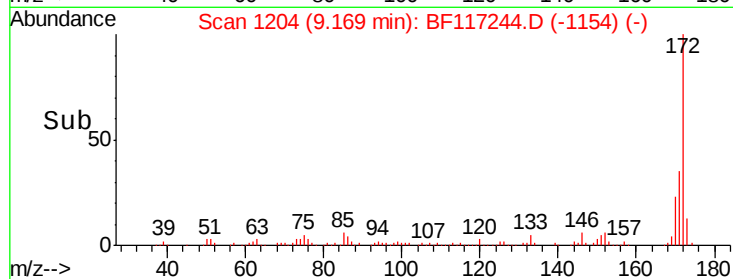
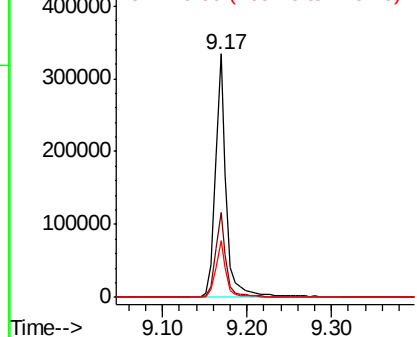
#45
2-Fluorobiphenyl
Concen: 56.796 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

Tot Ion:172 Resp: 308362
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.2 18.9 28.3

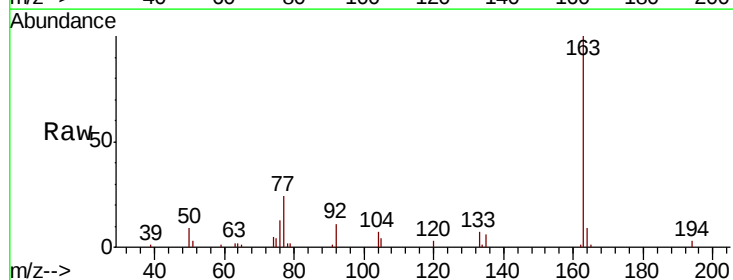


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

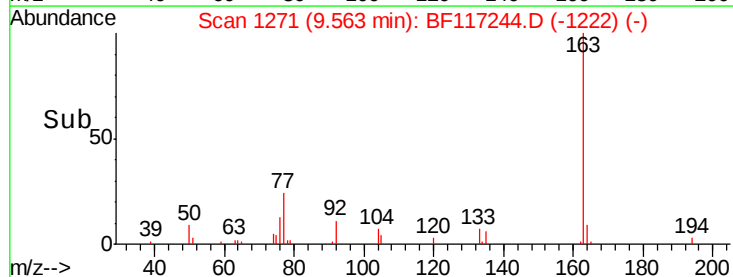
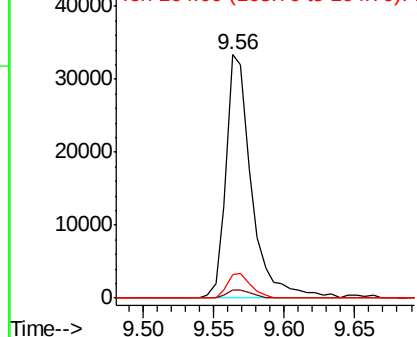


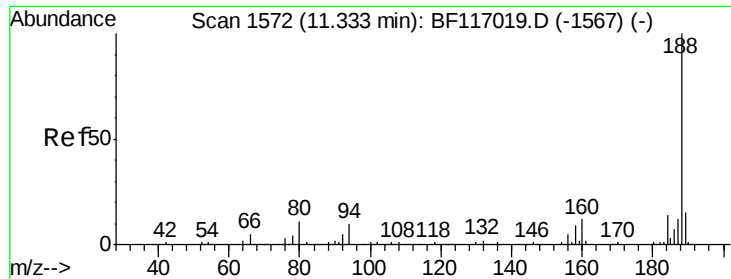
#50
Dimethylphthalate
Concen: 7.011 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:163 Resp: 42143
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.4 8.2 12.4



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

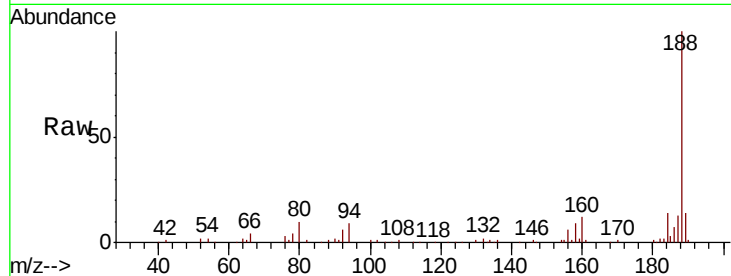




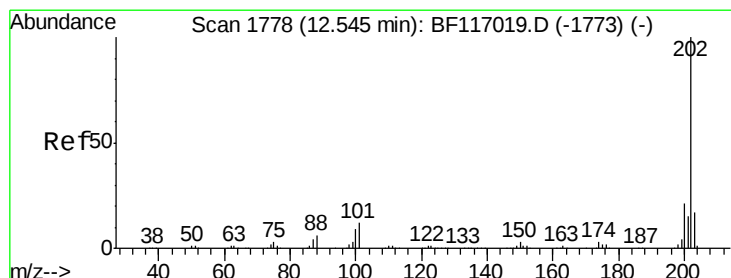
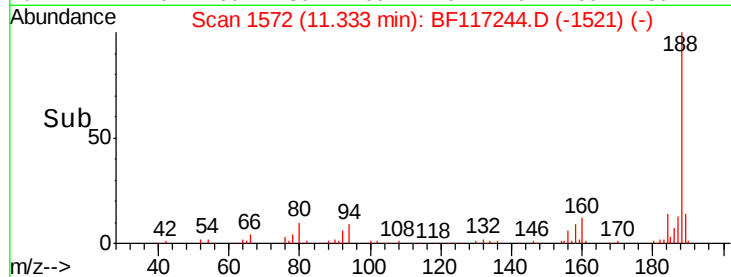
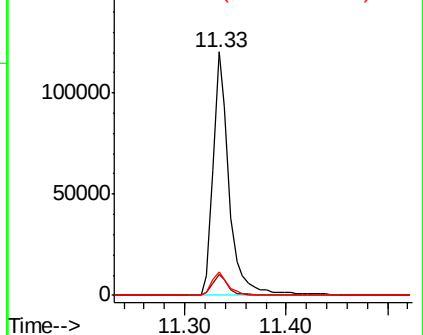
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.7	9.0	13.6

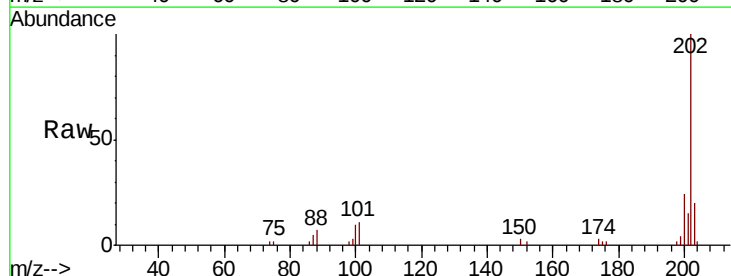


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

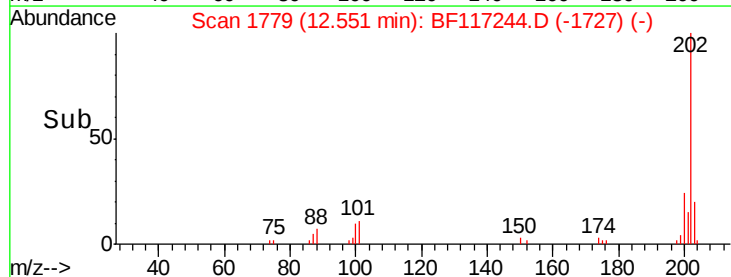
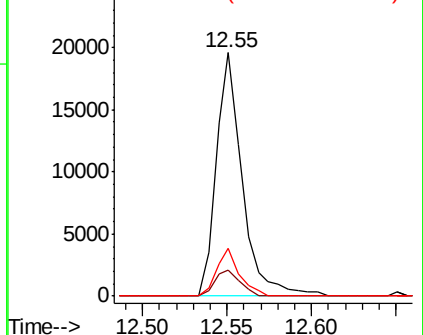


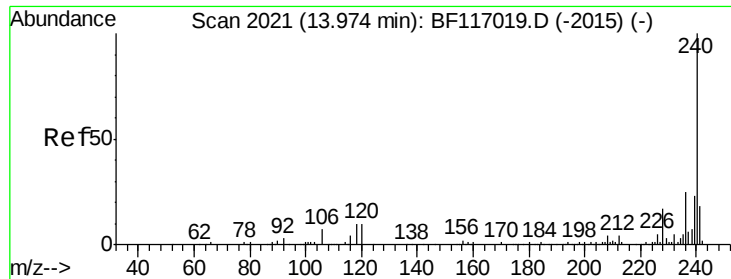
#75
Fluoranthene
Concen: 2.727 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	19.6	0.0	37.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

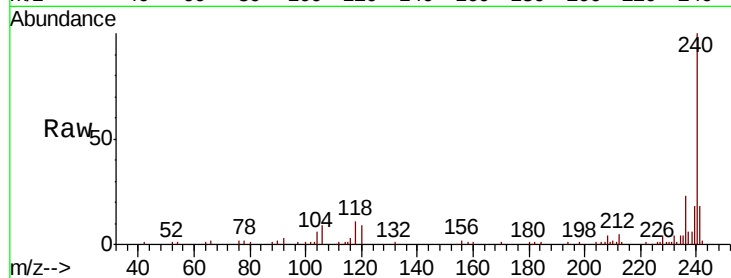




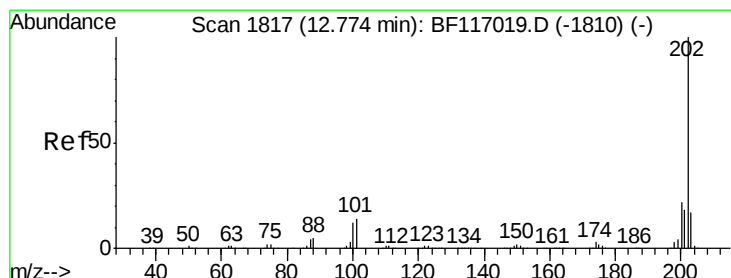
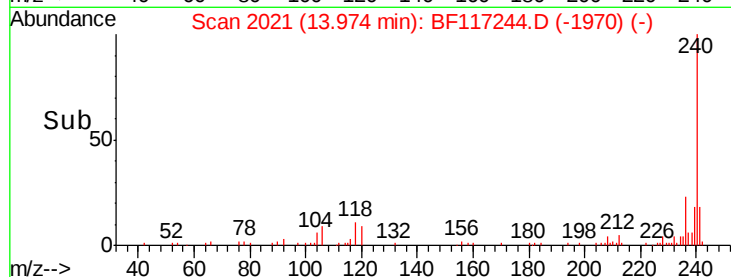
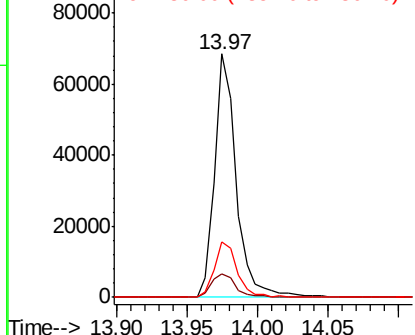
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

Tot Ion:240 Resp: 73112
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 22.8 20.3 30.5

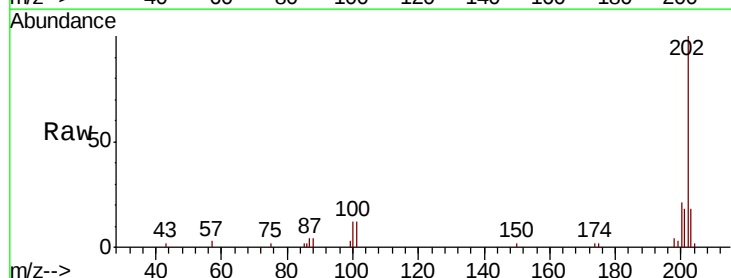


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

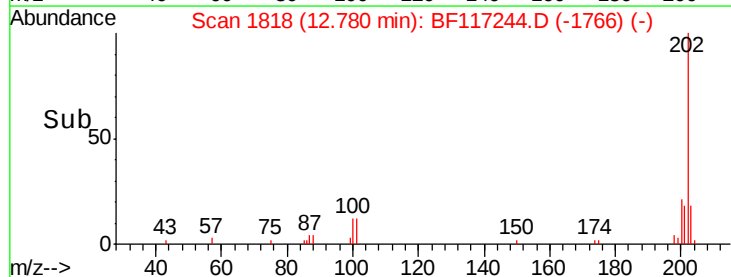
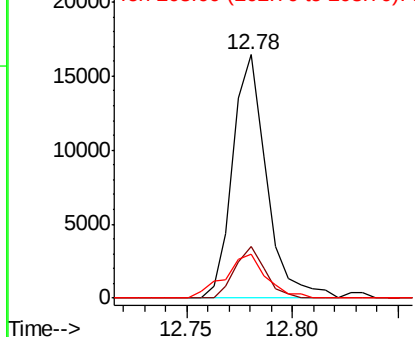


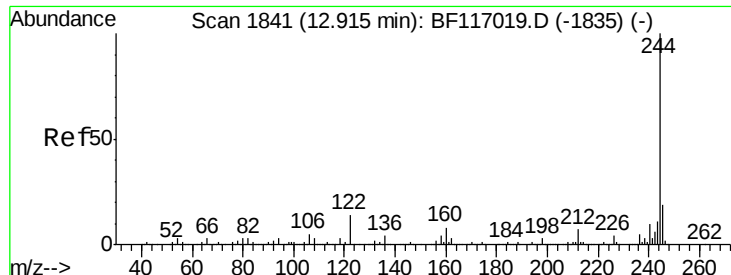
#78
Pyrene
Concen: 2.966 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:202 Resp: 18197
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 18.3 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.031 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

Instrument :

BNA_F

ClientSampleId :

RT-1488-RBR200031-RBR200036

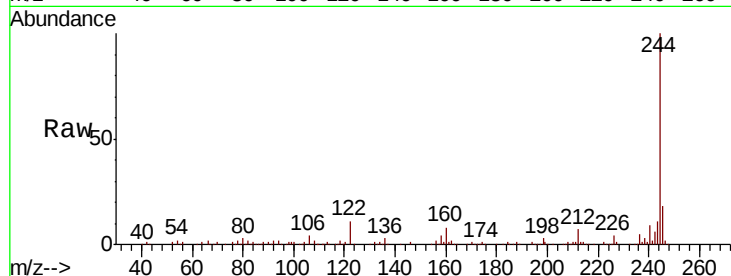
Tot Ion:244 Resp: 242625

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

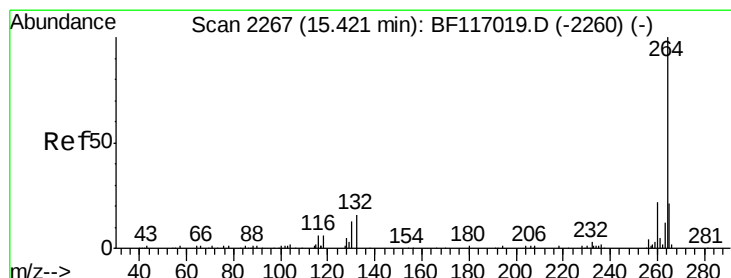
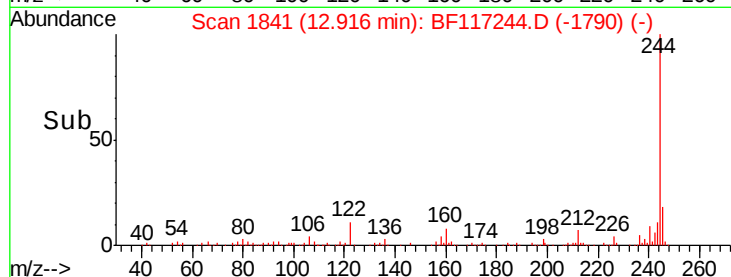
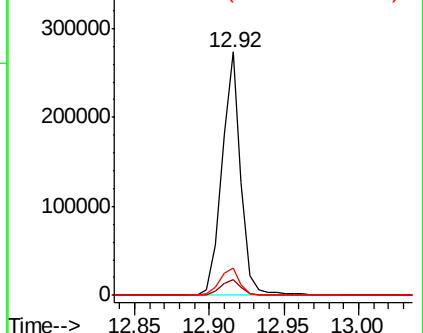
122 11.2 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117244.D

Acq: 25 Sep 2019 17:04

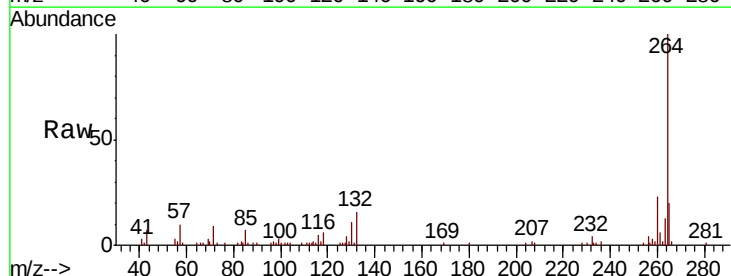
Tgt Ion:264 Resp: 67765

Ion Ratio Lower Upper

264 100

260 23.1 17.6 26.4

265 20.2 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

