

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116563.D
 Acq On : 26 Aug 2019 8:10
 Operator : HP/JU
 Sample : K4450-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-G2

Quant Time: Aug 26 08:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

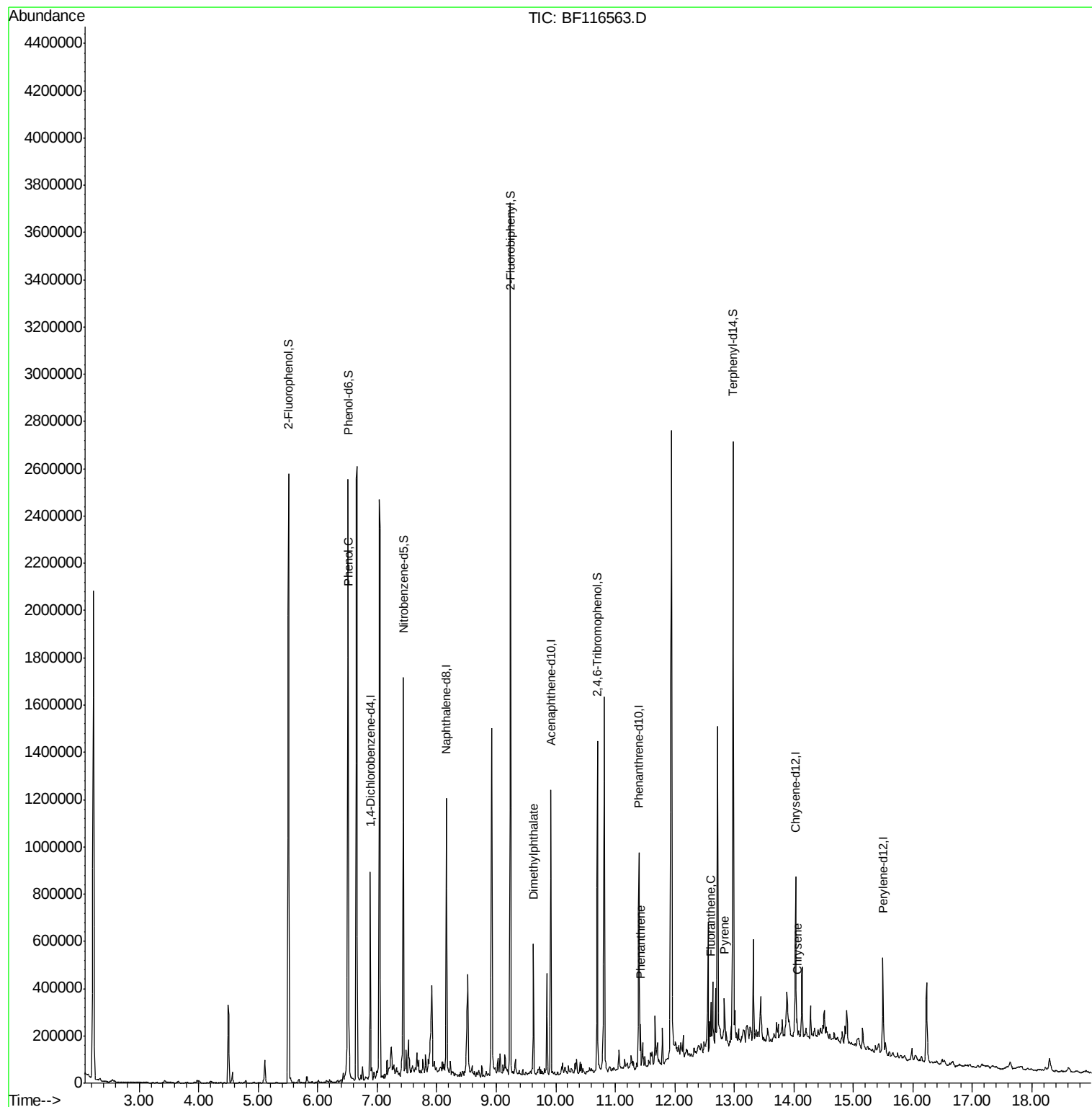
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131477	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	482151	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	214096	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	299801	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207490	20.00	ng	0.00
87) Perylene-d12	15.50	264	175837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	713784	79.33	ng	0.01
7) Phenol-d6	6.51	99	963153	87.30	ng	0.00
23) Nitrobenzene-d5	7.44	82	556761	63.18	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	137682	74.89	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1079776	81.22	ng	0.00
79) Terphenyl-d14	12.98	244	806590	72.61	ng	0.00
Target Compounds						
10) Phenol	6.52	94	27987	2.336	ng	95
50) Dimethylphthalate	9.63	163	219556	14.698	ng	98
71) Phenanthrene	11.42	178	65187	3.991	ng	99
75) Fluoranthene	12.60	202	79953	4.735	ng	98
78) Pyrene	12.83	202	57980	3.494	ng	98
83) Chrysene	14.06	228	31341	2.301	ng	99

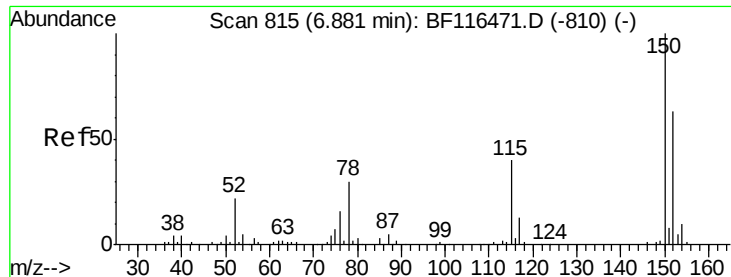
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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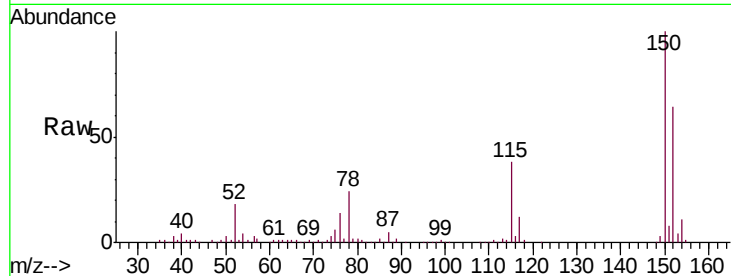


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.7	190.1
115	60.0	50.9	76.3

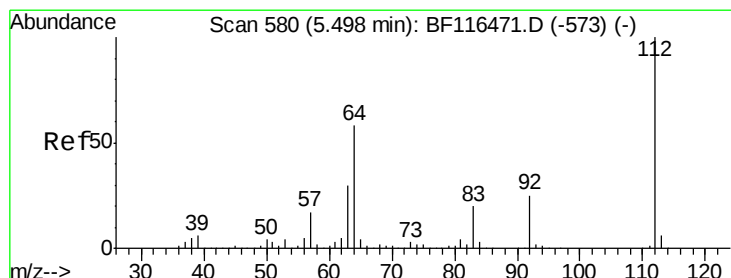
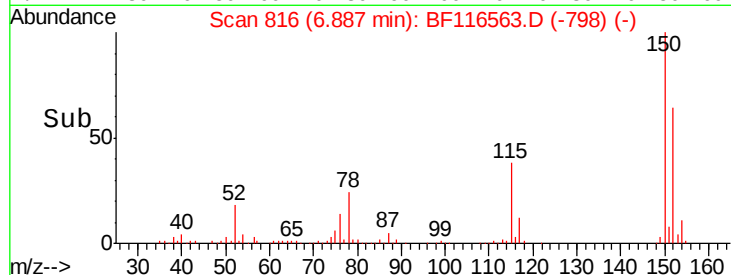
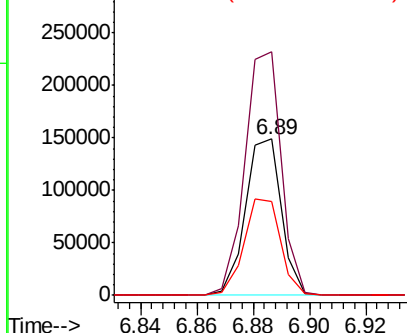


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

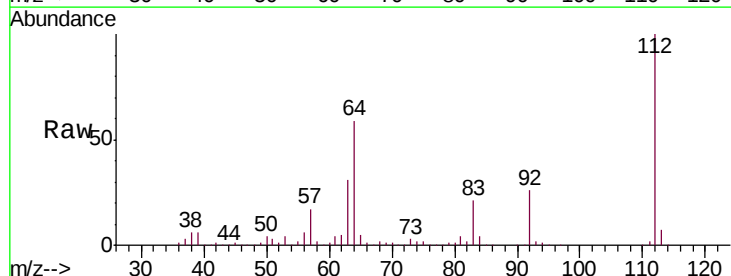
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.325 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.3	69.5
63	31.1	24.2	36.4

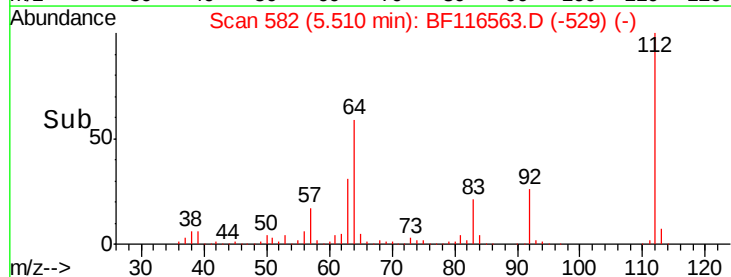
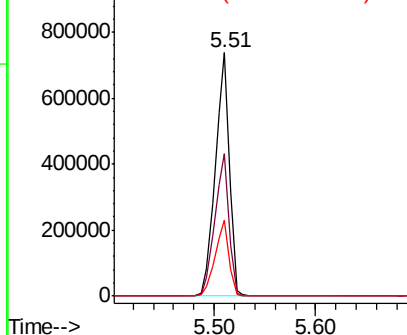


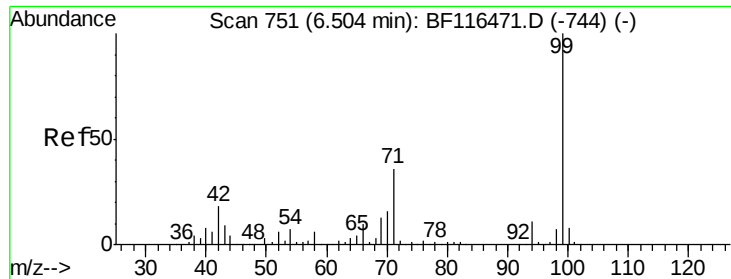
Abundance

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: 87.296 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116563.D

Acq: 26 Aug 2019 8:10

Instrument :

BNA_F

ClientSampled :

WC-G2

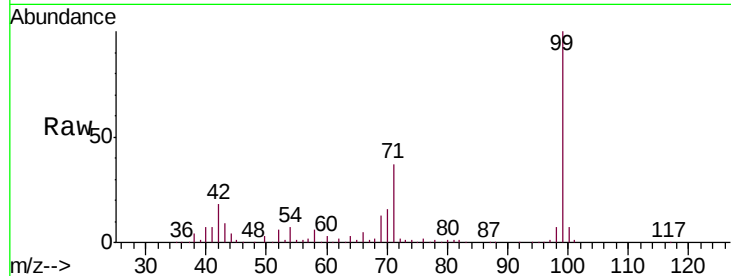
Tot Ion: 99 Resp: 963153

Ion Ratio Lower Upper

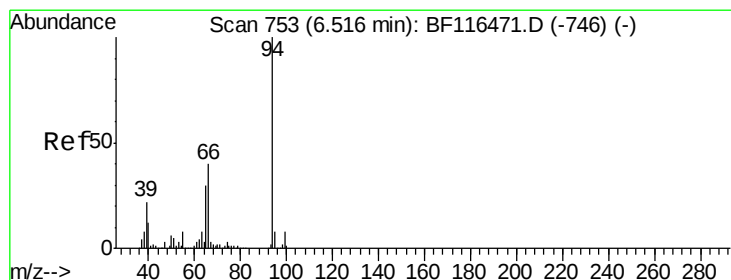
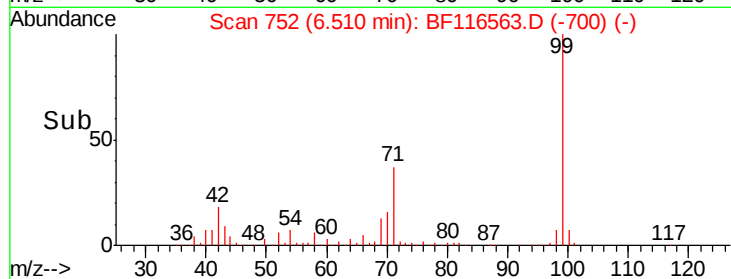
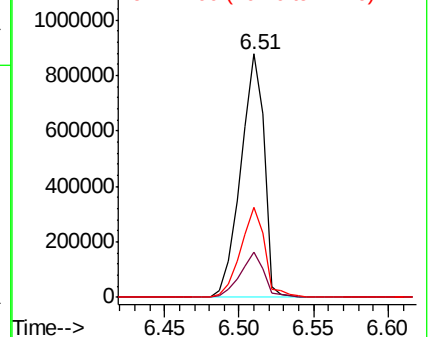
99 100

42 18.4 14.6 21.8

71 37.0 28.5 42.7



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: 2.336 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116563.D

Acq: 26 Aug 2019 8:10

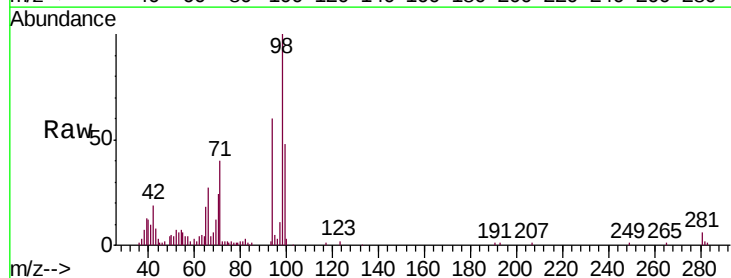
Tgt Ion: 94 Resp: 27987

Ion Ratio Lower Upper

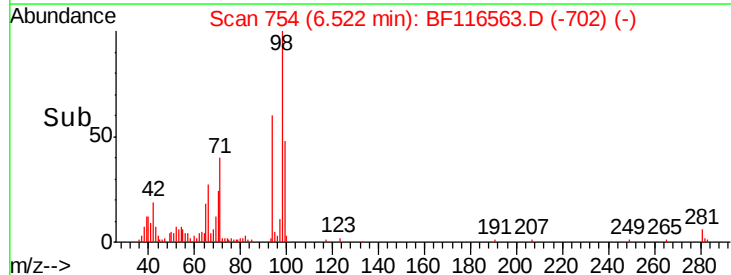
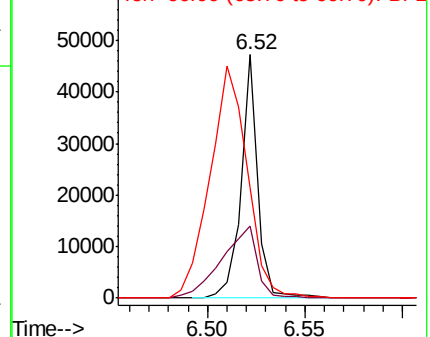
94 100

65 29.7 10.0 50.0

66 45.1 19.8 59.8



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

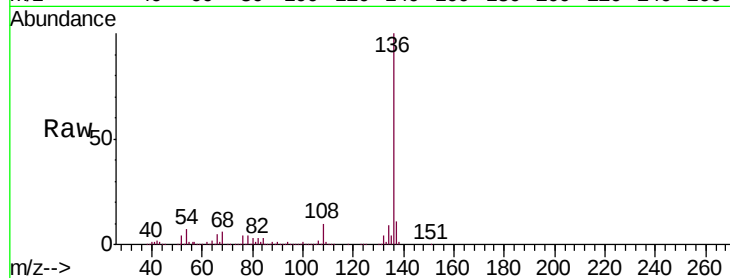




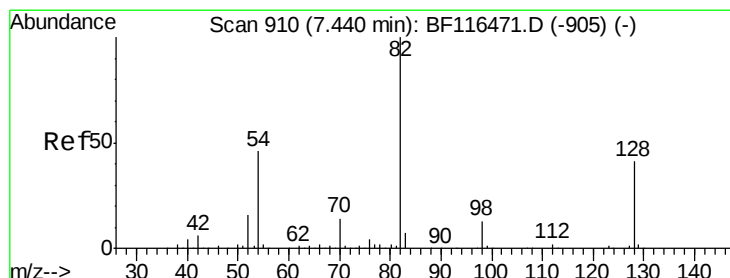
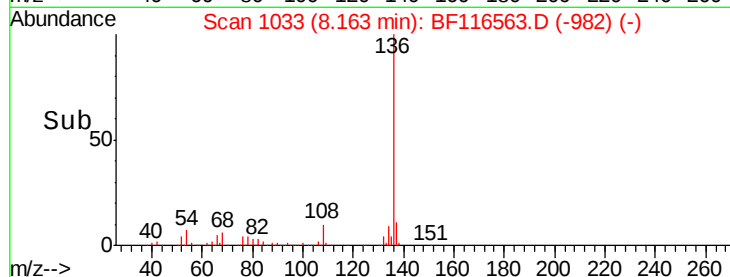
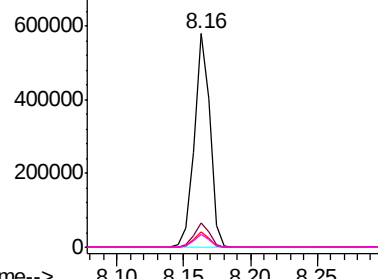
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion:136	Resp:	482151
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	6.9	5.8 8.6
68	5.8	5.1 7.7

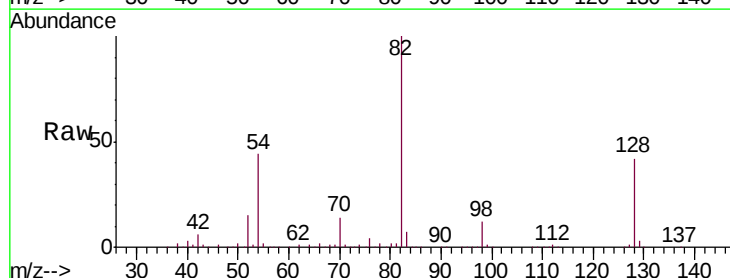


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

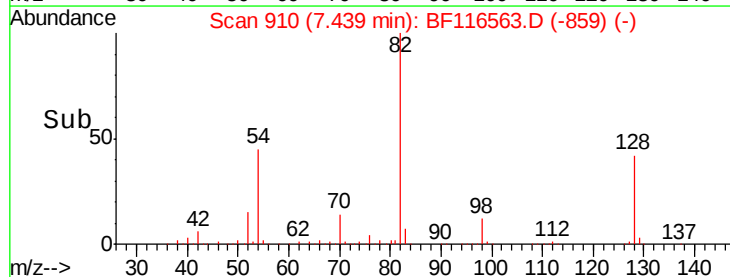
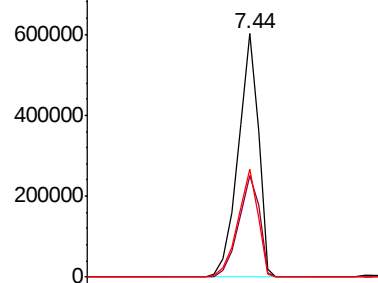


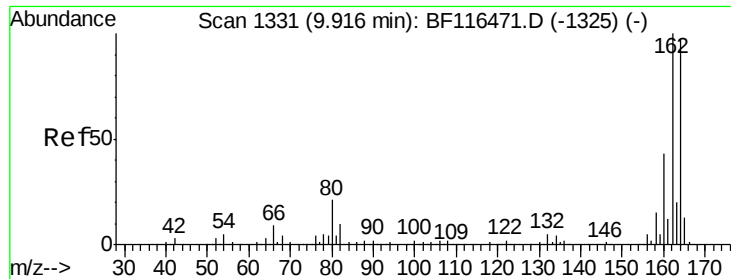
#23
Nitrobenzene-d5
Concen: 63.176 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion: 82	Resp:	556761
Ion Ratio	Lower	Upper
82	100	
128	41.9	32.2 48.4
54	44.5	36.5 54.7



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

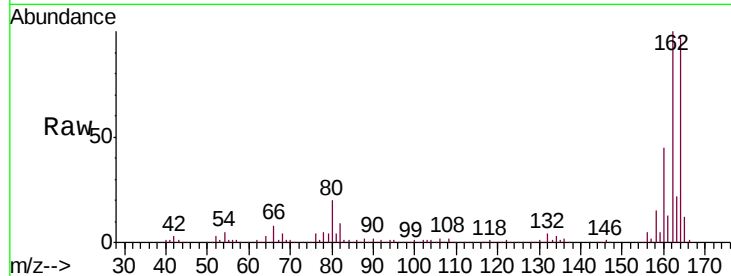




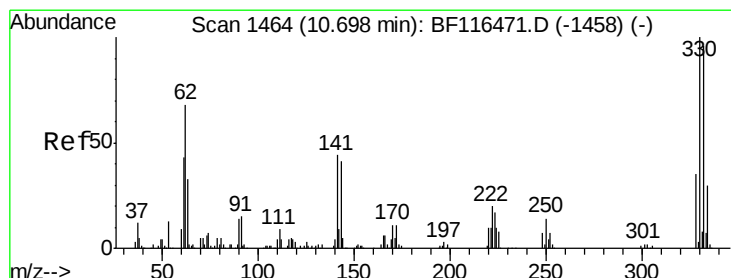
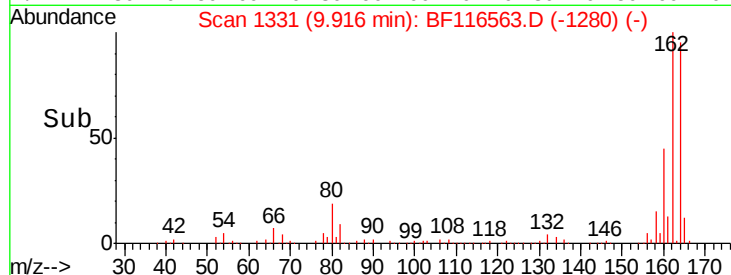
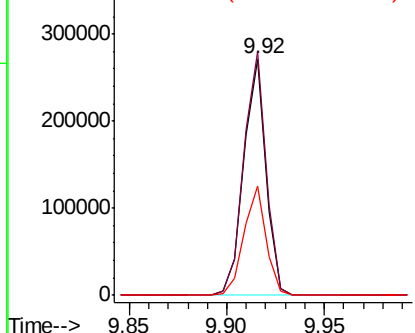
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion:164 Resp: 214096
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 46.1 35.8 53.8

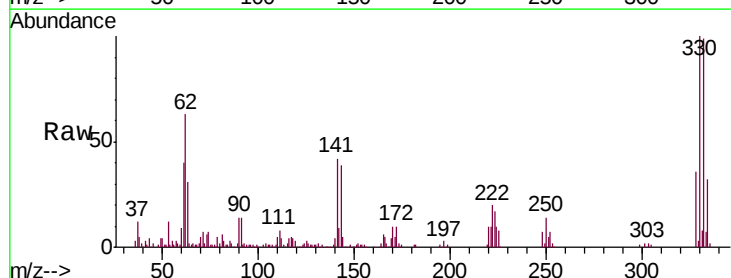


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

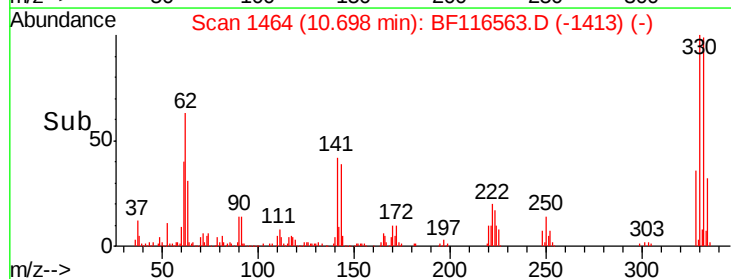
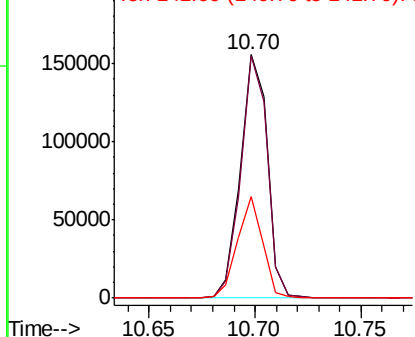


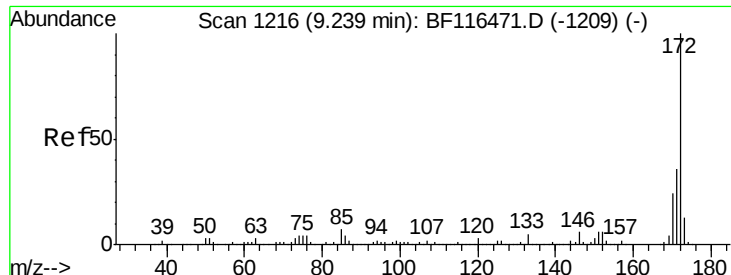
#42
2,4,6-Tribromophenol
Concen: 74.893 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:330 Resp: 137682
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 39.5 33.3 49.9



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

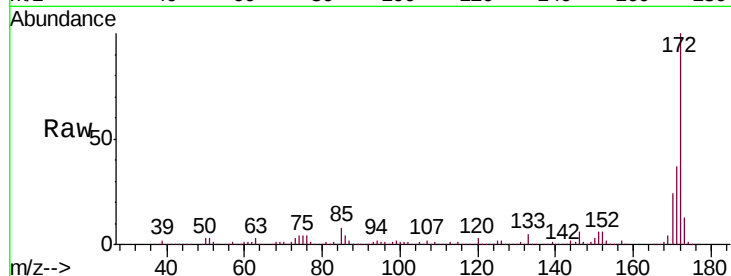




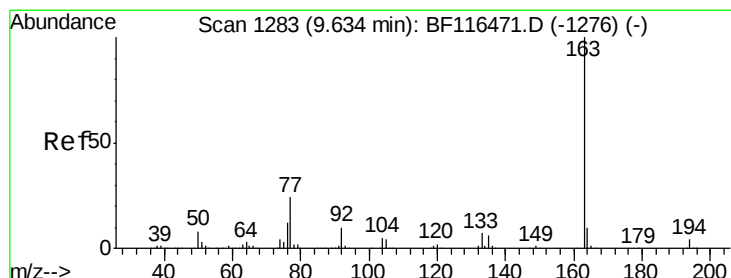
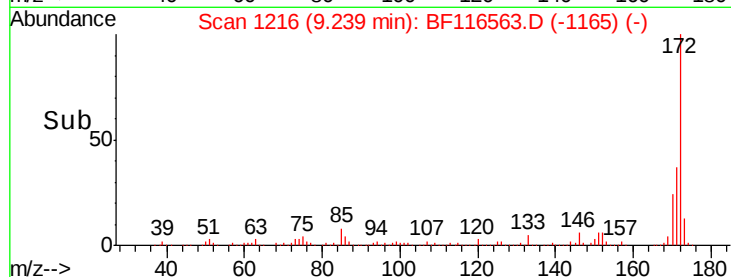
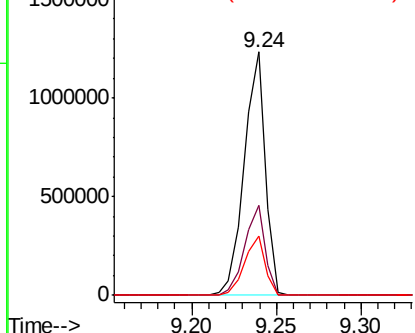
#45
2-Fluorobiphenyl
Concen: 81.220 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion:172 Resp: 1079776
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.4 19.4 29.0

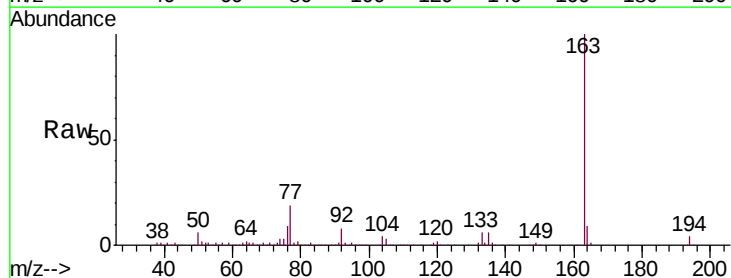


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

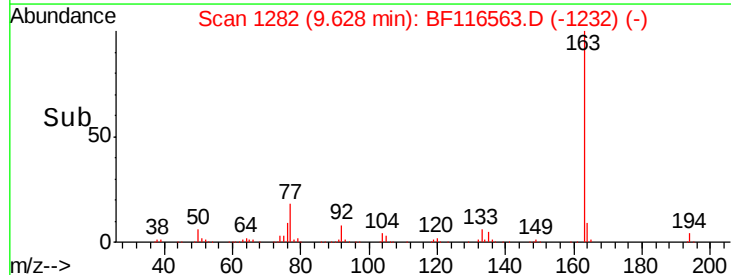
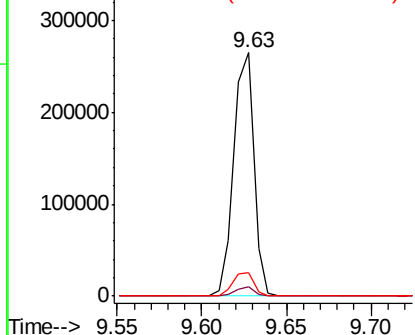


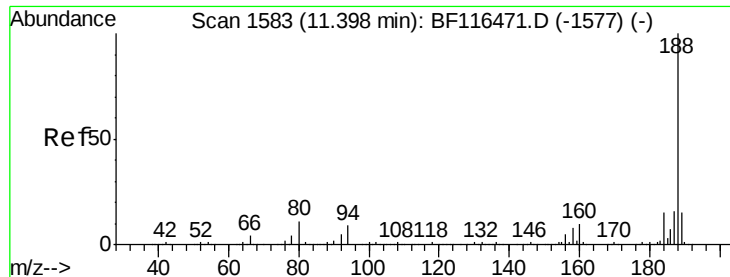
#50
Dimethylphthalate
Concen: 14.698 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:163 Resp: 219556
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.4 8.2 12.2



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

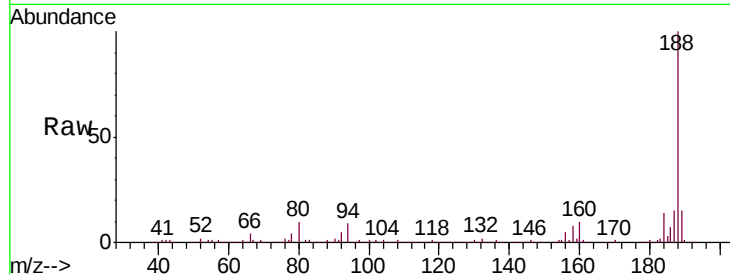




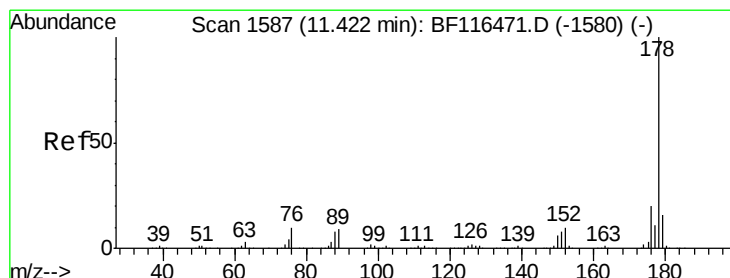
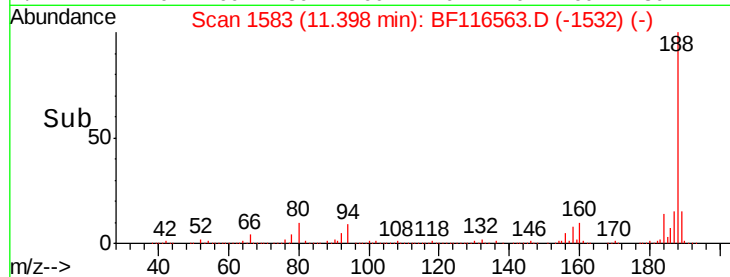
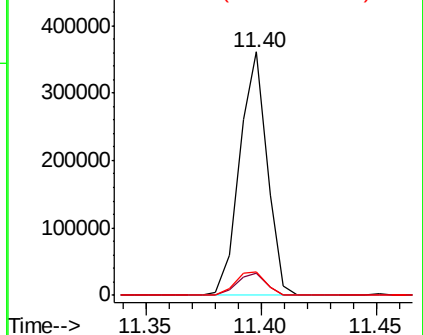
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.8	8.6	12.8

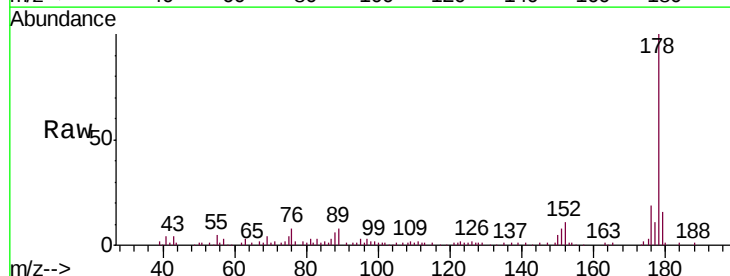


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

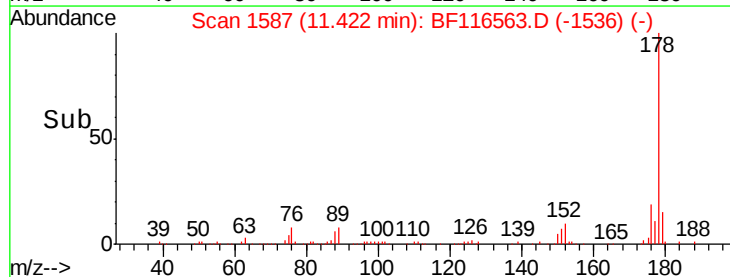
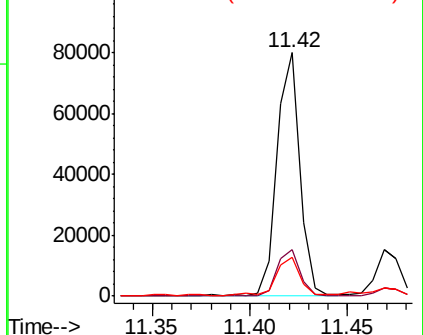


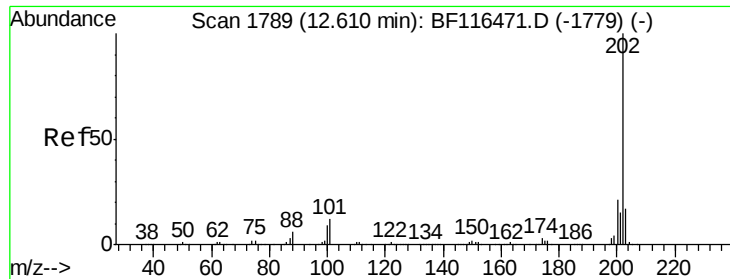
#71
Phenanthrene
Concen: 3.991 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.9	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

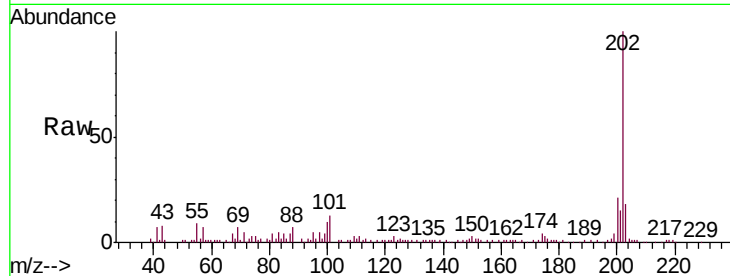




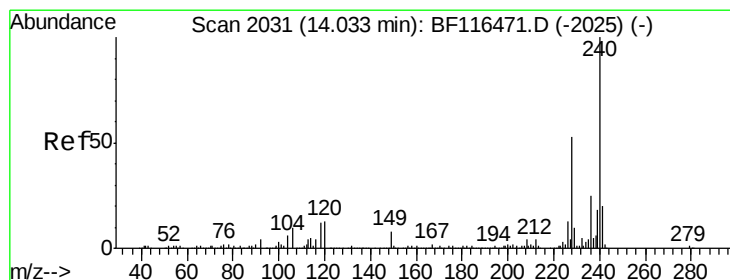
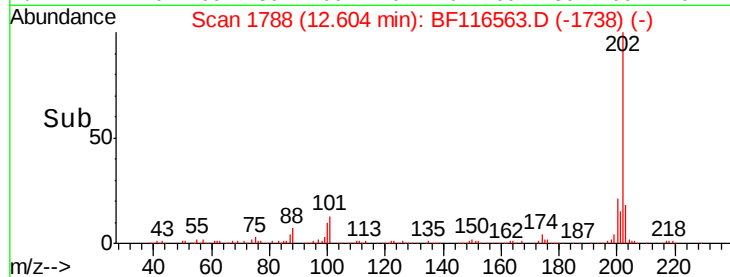
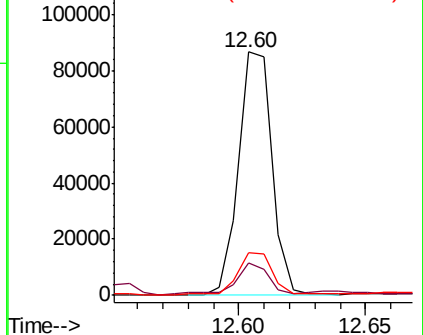
#75
Fluoranthene
Concen: 4.735 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tot Ion:	202	Resp:	79953
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	17.5	0.0	37.5

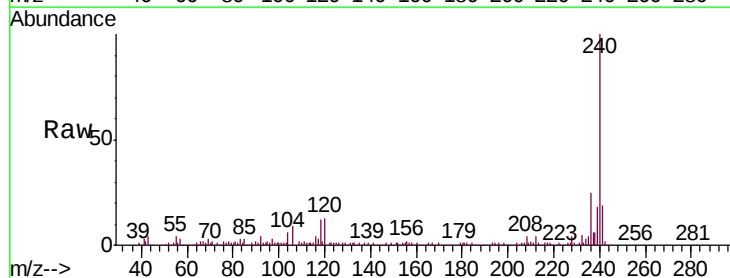


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

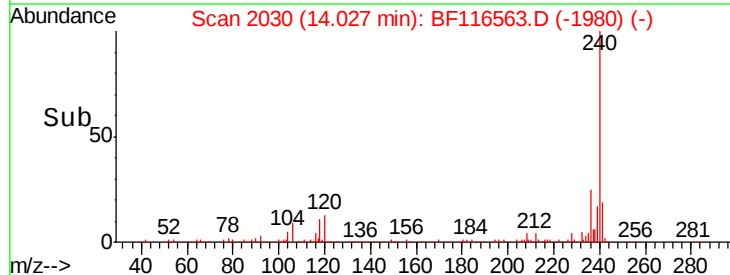
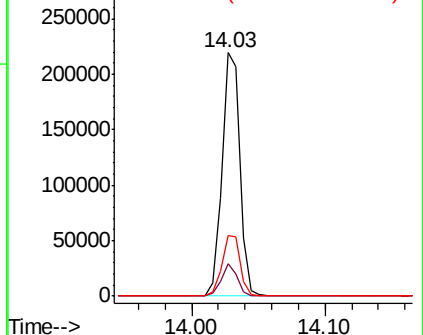


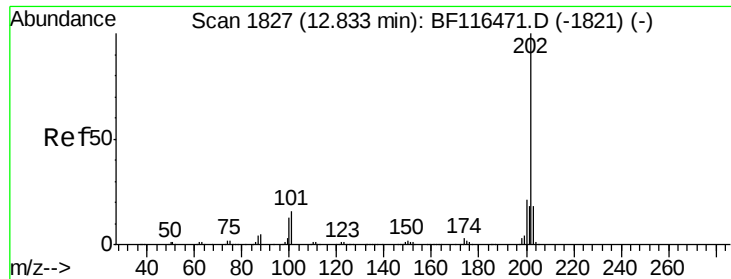
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:	240	Resp:	207490
Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.5	15.7
236	25.0	20.2	30.2



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

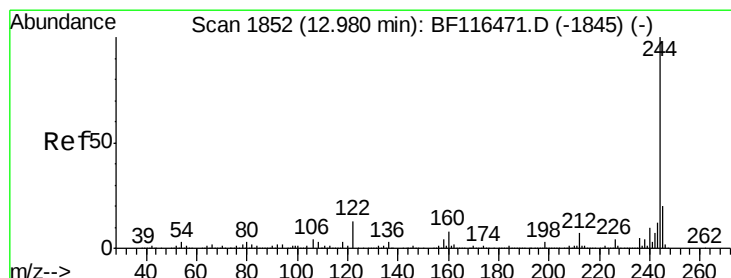
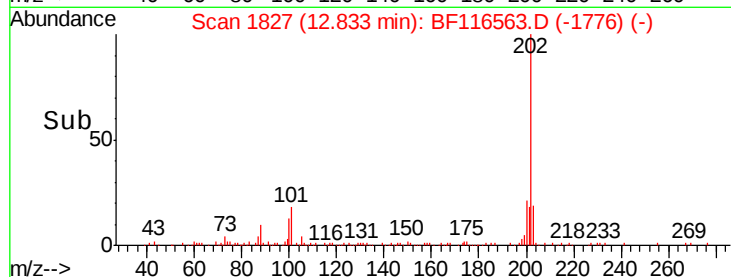
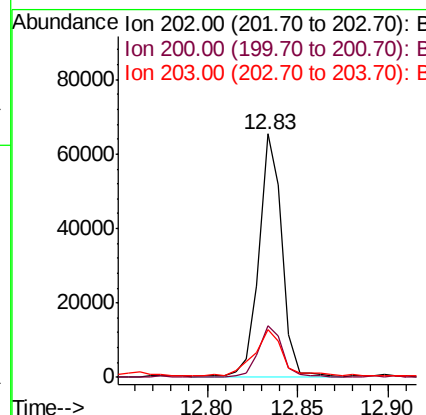
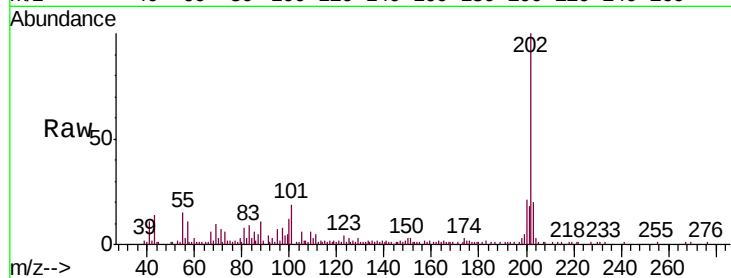




#78
Pvrene
Concen: 3.494 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

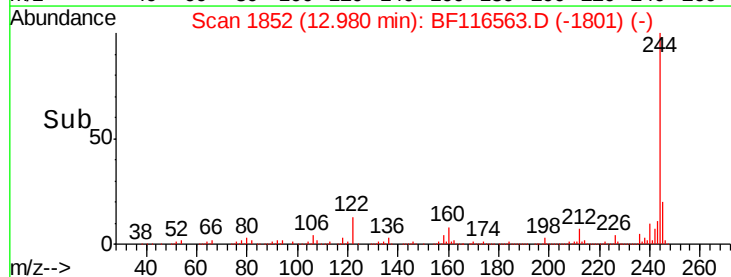
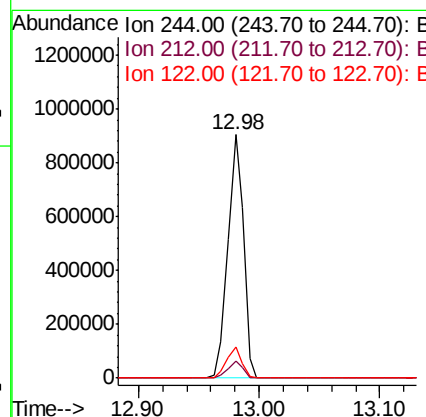
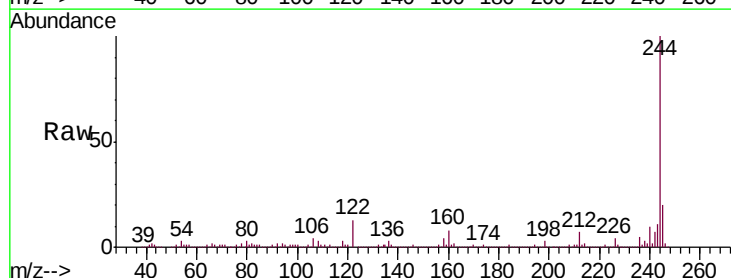
Instrument :
BNA_F
ClientSampleId :
WC-G2

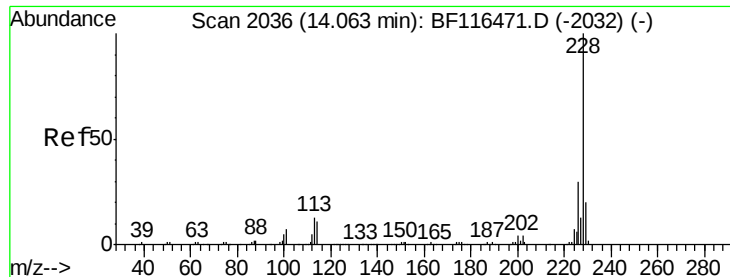
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	19.6	14.2	21.4



#79
Terphenyl-d14
Concen: 72.612 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.6	10.2	15.4





#83

Chrysene

Concen: 2.301 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116563.D

Acq: 26 Aug 2019 8:10

Instrument :

BNA_F

ClientSampleId :

WC-G2

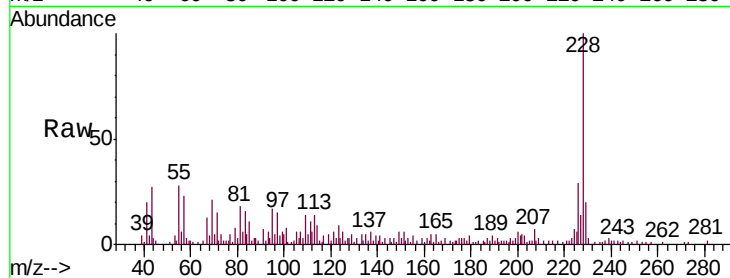
Tot Ion:228 Resp: 31341

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

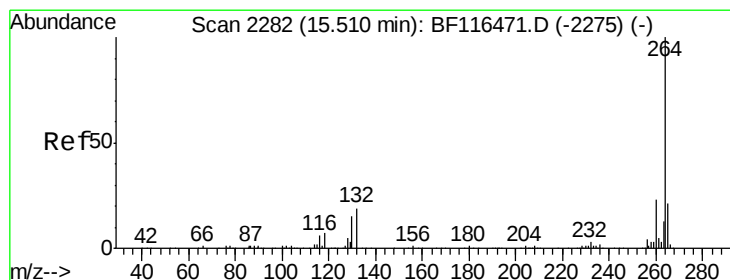
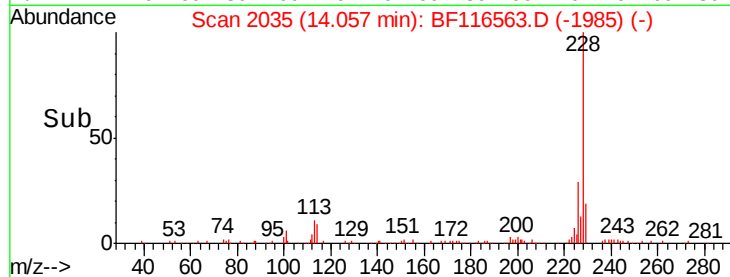
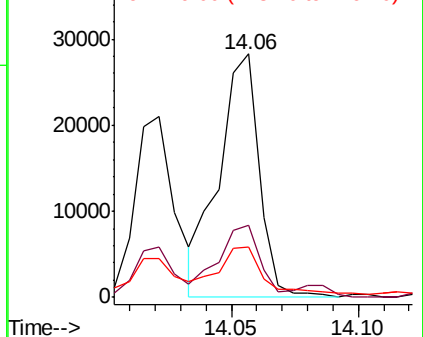
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116563.D

Acq: 26 Aug 2019 8:10

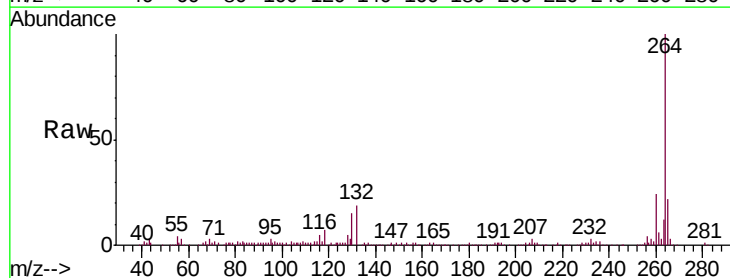
Tgt Ion:264 Resp: 175837

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.8 17.1 25.7



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

