

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118176.D
 Acq On : 10 Dec 2019 21:23
 Operator : JU
 Sample : K6205-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K165-WC-2

Quant Time: Dec 11 03:06:12 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

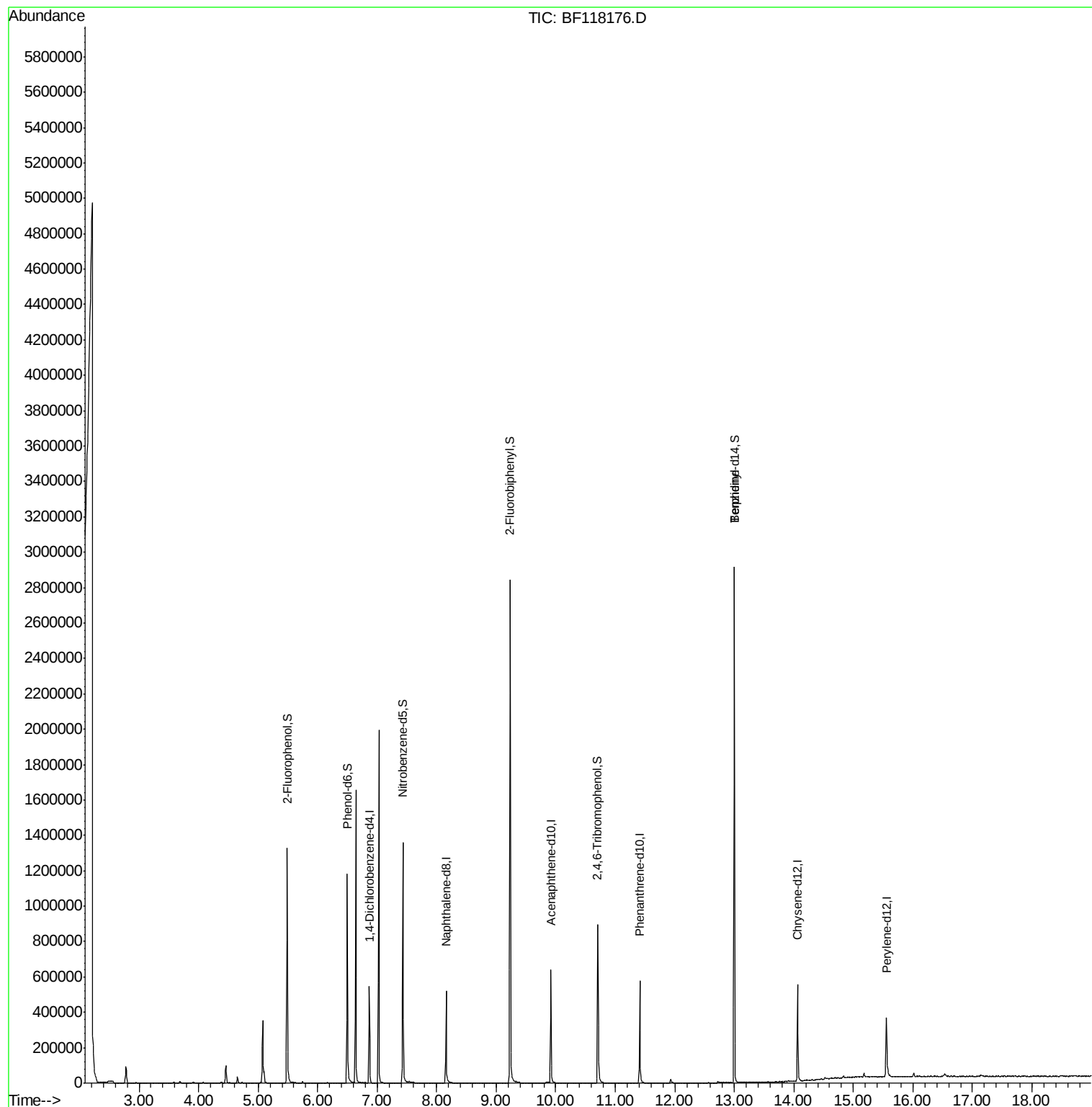
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77078	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	282248	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	132855	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	230917	20.00	ng	0.00
76) Chrysene-d12	14.06	240	196095	20.00	ng	0.00
87) Perylene-d12	15.56	264	179960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	368523	83.74	ng	0.00
7) Phenol-d6	6.50	99	426493	80.12	ng	0.00
23) Nitrobenzene-d5	7.43	82	444864	88.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	135662	84.06	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	870310	99.68	ng	0.00
79) Terphenyl-d14	13.00	244	959361	84.13	ng	0.00
Target Compounds						
77) Benzidine	13.00	184	12958	2.510	ng	Qvalue # 90

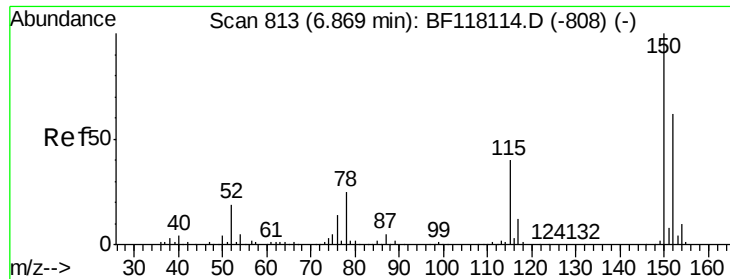
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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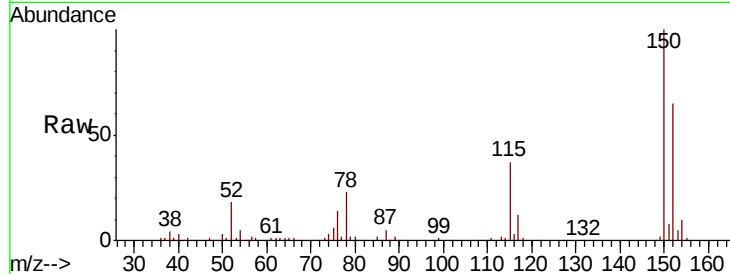


#1

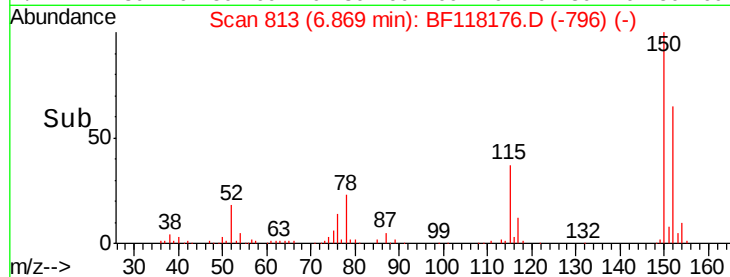
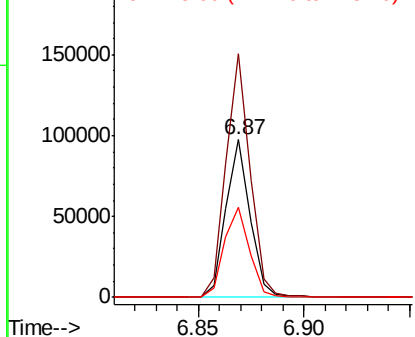
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Instrument :
BNA_F
ClientSampleId :
K165-WC-2

Tot Ion:152 Resp: 77078
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 57.6 51.1 76.7



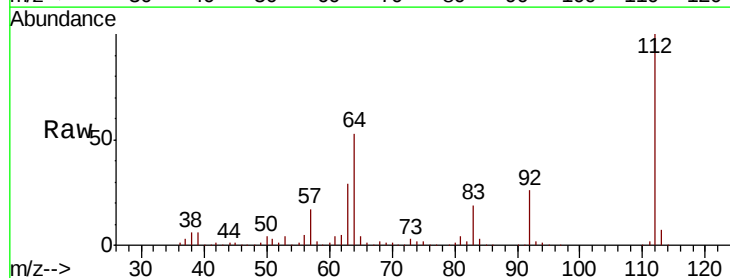
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



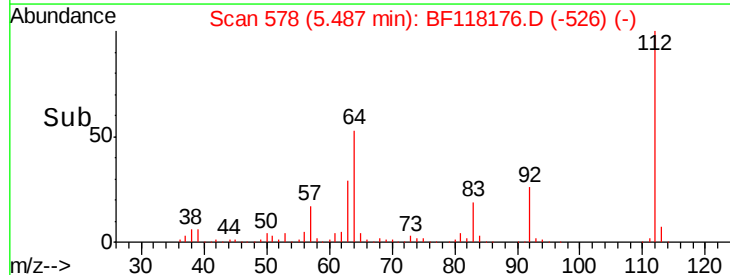
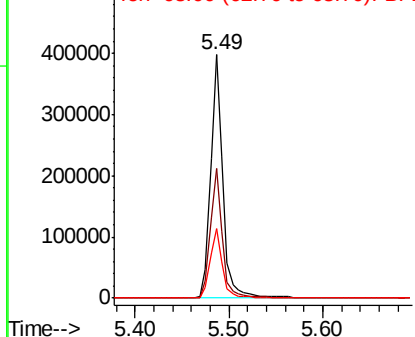
#5

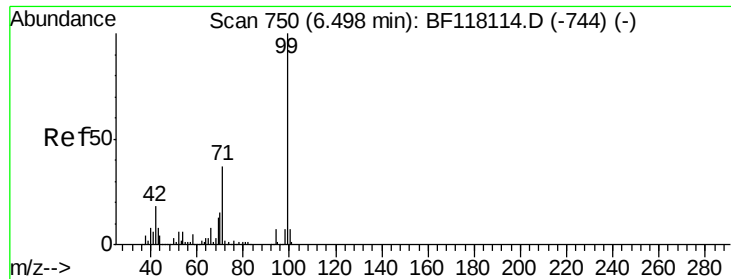
2-Fluorophenol
Concen: 83.740 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Tgt Ion:112 Resp: 368523
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 28.7 22.4 33.6



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: 80.125 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampleId :

K165-WC-2

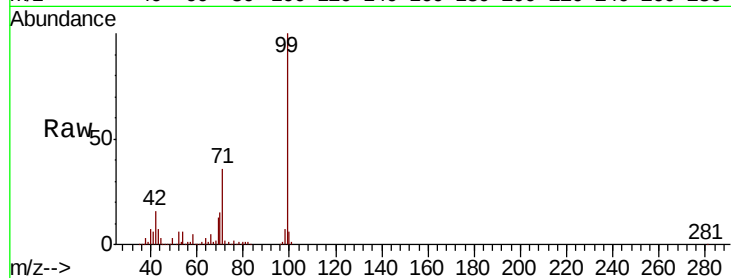
Tot Ion: 99 Resp: 426493

Ion Ratio Lower Upper

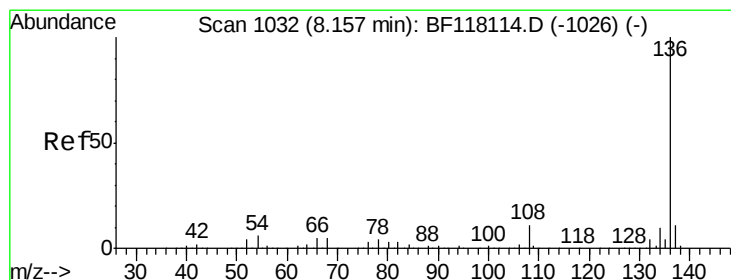
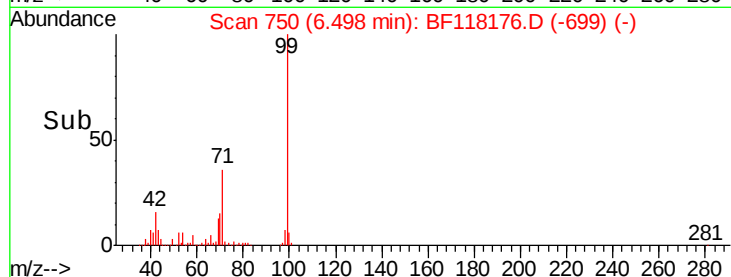
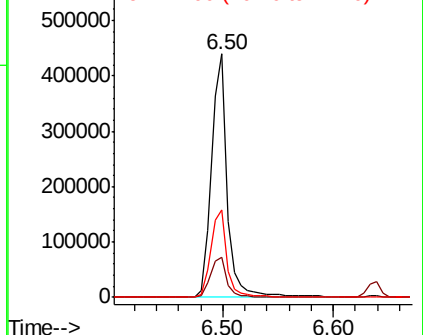
99 100

42 16.3 14.1 21.1

71 36.1 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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Tgt Ion: 136 Resp: 282248

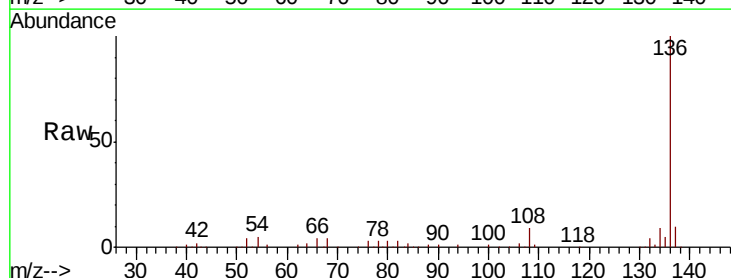
Ion Ratio Lower Upper

136 100

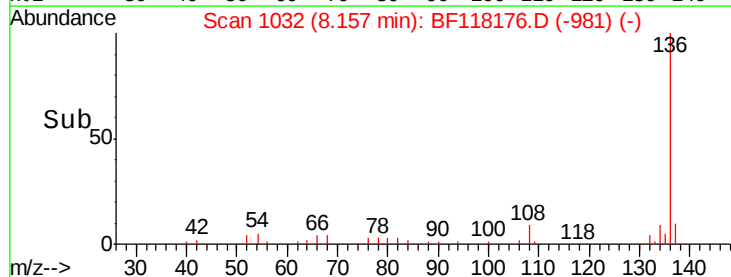
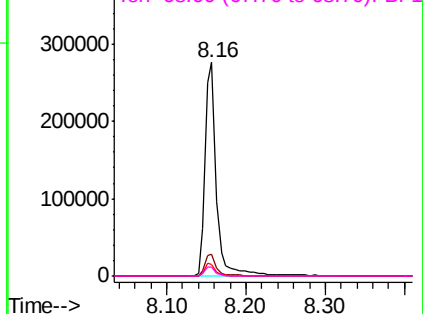
137 10.5 9.0 13.6

54 5.5 5.0 7.6

68 4.1 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

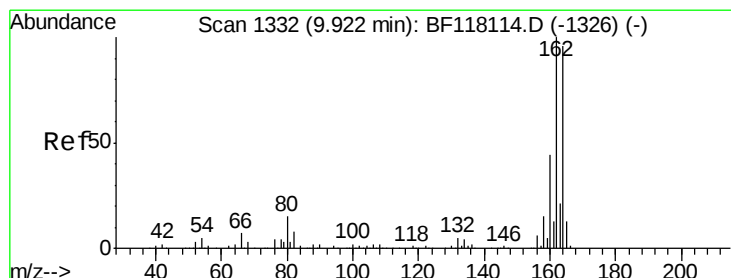
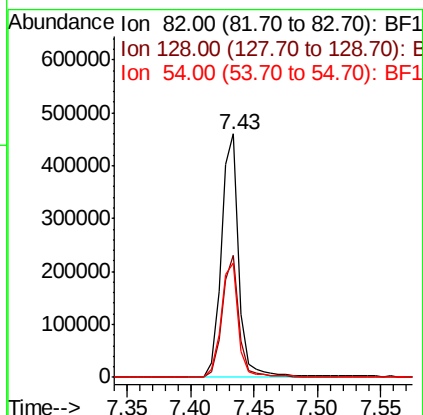
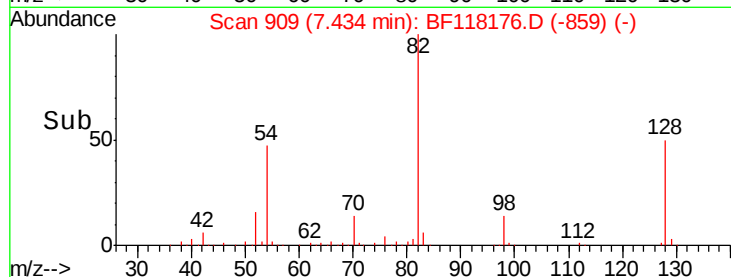
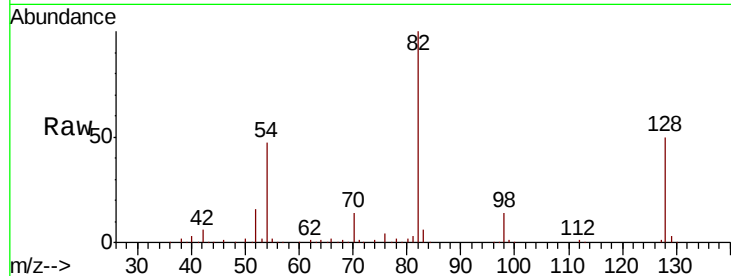




#23
 Nitrobenzene-d5
 Concen: 88.670 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

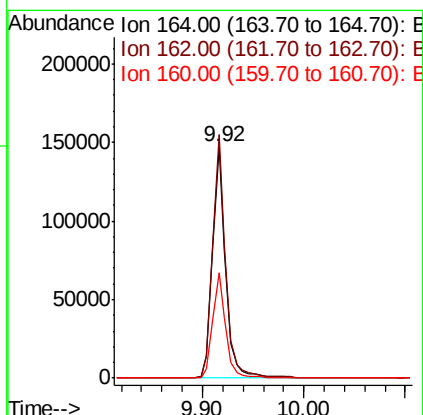
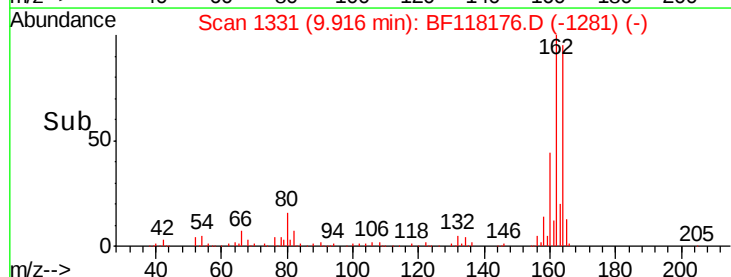
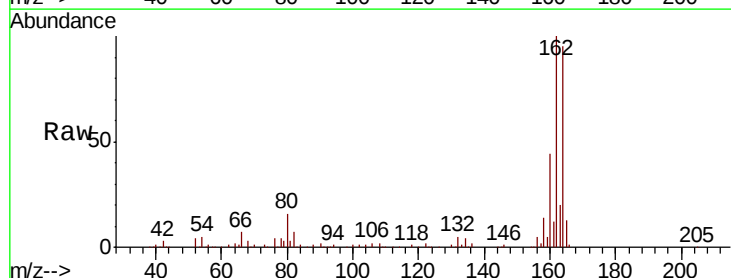
Instrument :
 BNA_F
 ClientSampleId :
 K165-WC-2

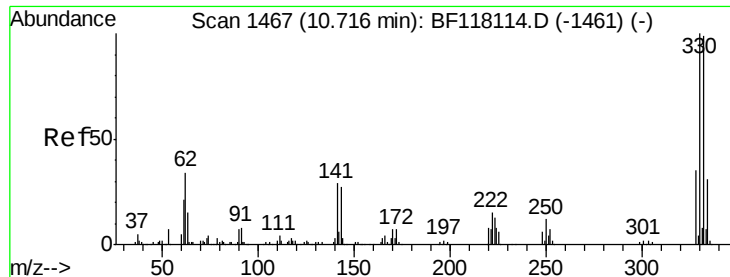
Tot Ion: 82 Resp: 444864
 Ion Ratio Lower Upper
 82 100
 128 50.0 39.1 58.7
 54 46.9 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Tgt Ion:164 Resp: 132855
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.4 125.0
 160 45.9 36.6 54.8

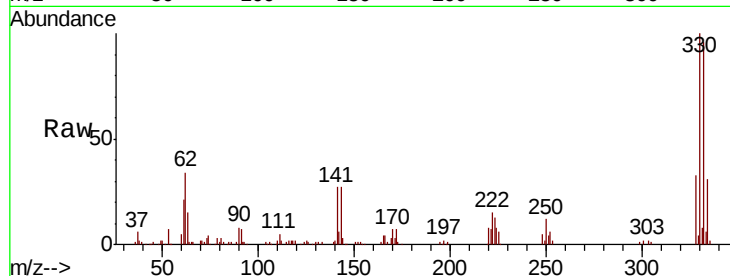




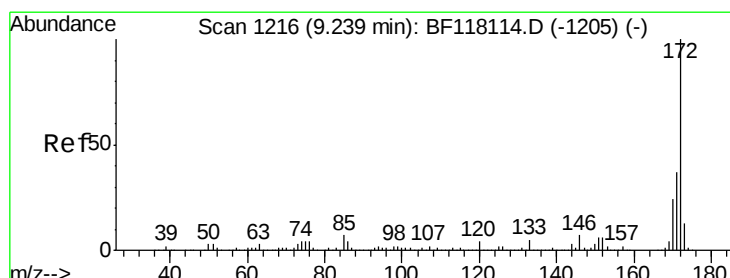
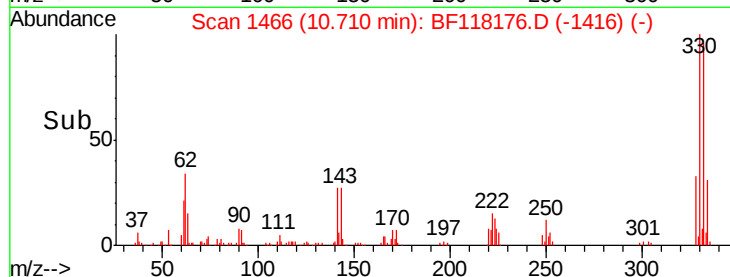
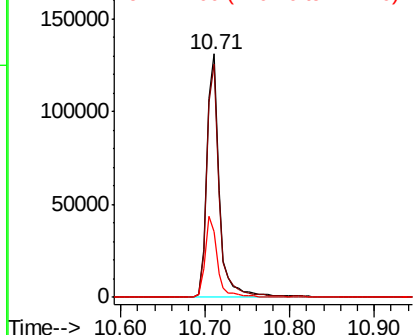
#42
 2,4,6-Tribromophenol
 Concen: 84.056 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 K165-WC-2

Tot Ion:330 Resp: 135662
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.1 117.1
 141 32.5 26.9 40.3

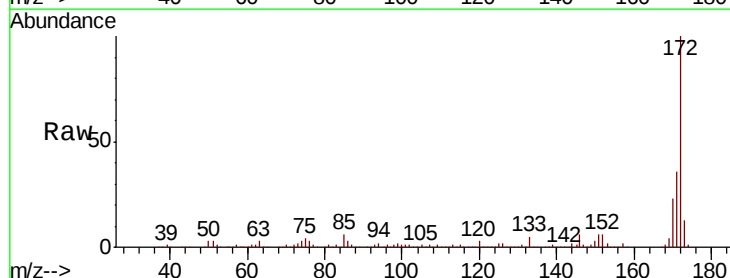


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

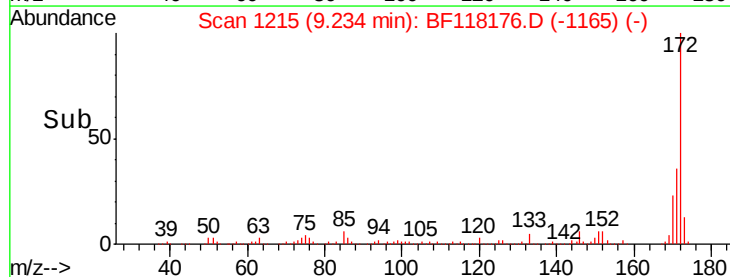
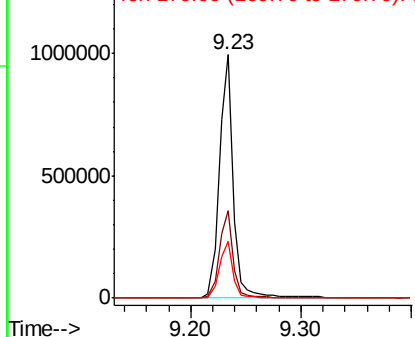


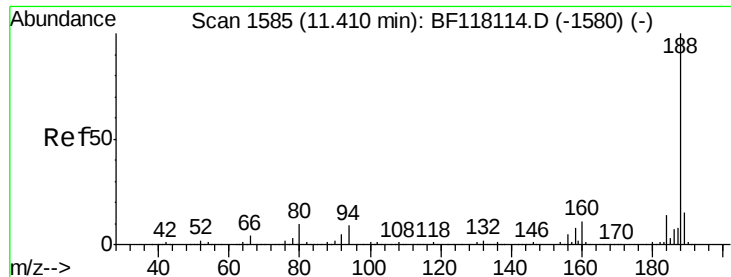
#45
 2-Fluorobiphenyl
 Concen: 99.680 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Tgt Ion:172 Resp: 870310
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.3 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

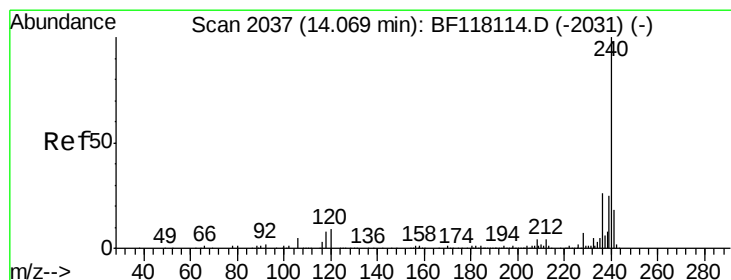
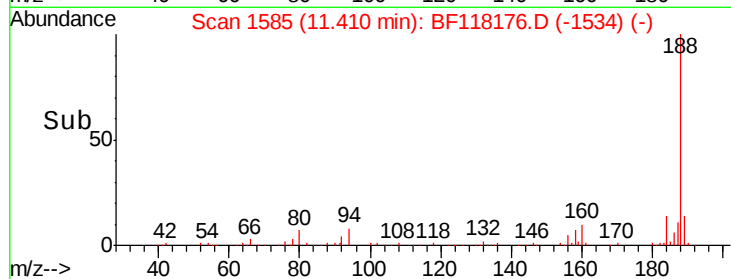
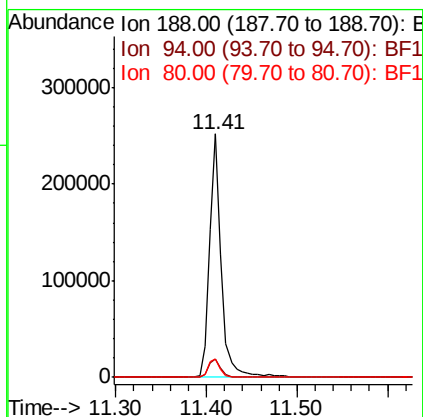
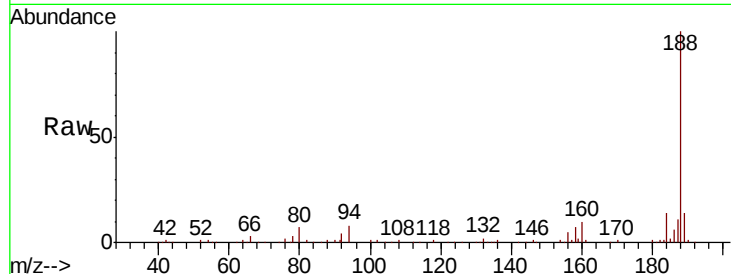




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

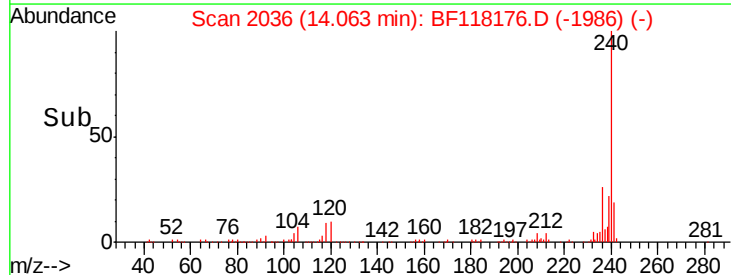
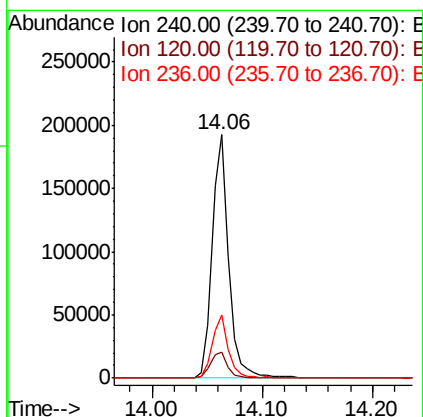
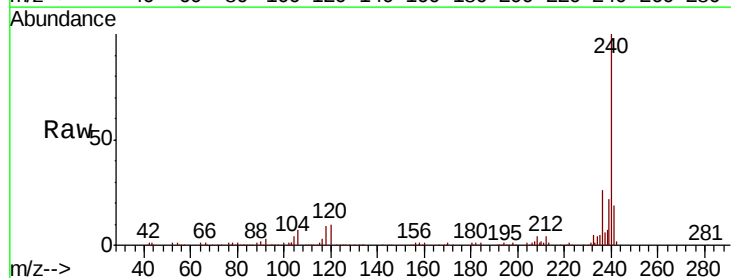
Instrument :
BNA_F
ClientSampleId :
K165-WC-2

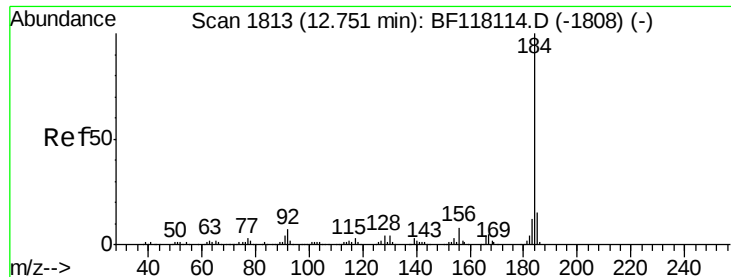
Tot Ion:188 Resp: 230917
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.5 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Tgt Ion:240 Resp: 196095
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.9 21.0 31.6





#77

Benzidine

Concen: 2.510 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.25 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampleId :

K165-WC-2

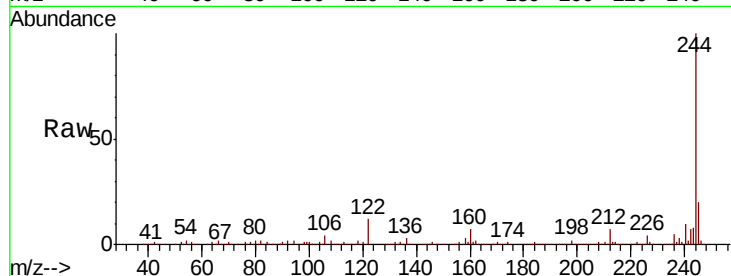
Tot Ion:184 Resp: 12958

Ion Ratio Lower Upper

184 100

185 18.7 12.3 18.5#

183 7.6 9.9 14.9#

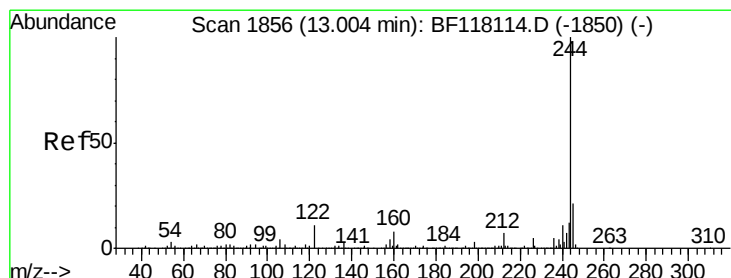
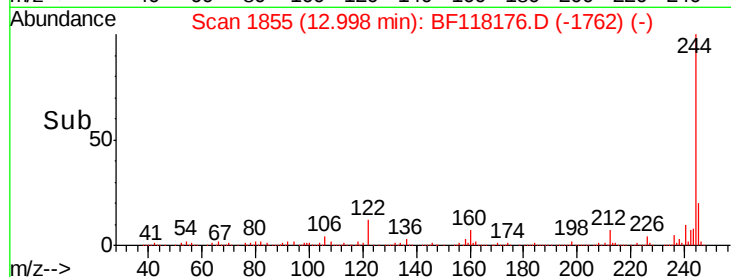
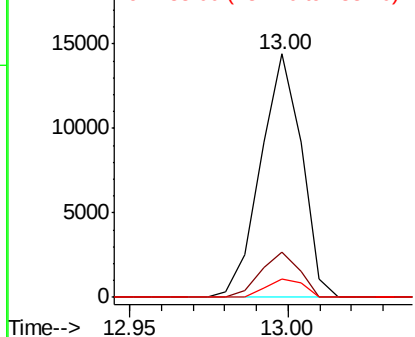


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 84.130 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

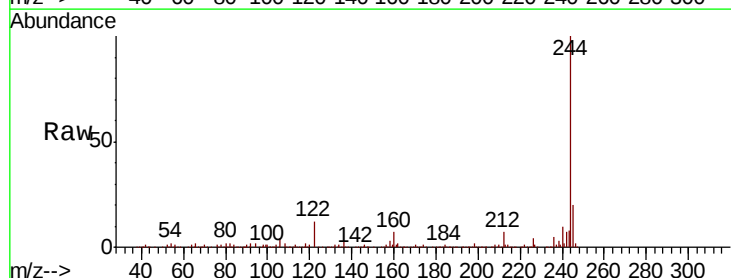
Tgt Ion:244 Resp: 959361

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.6 9.0 13.6

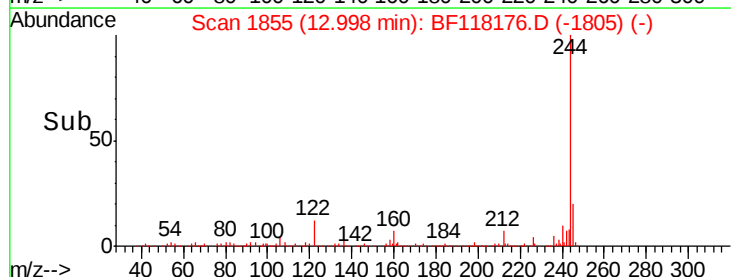
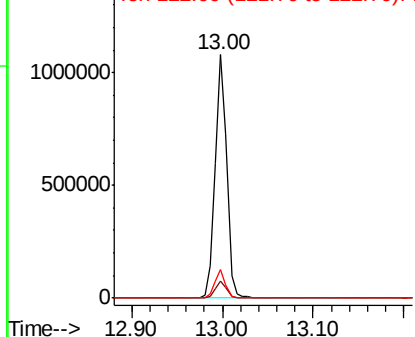


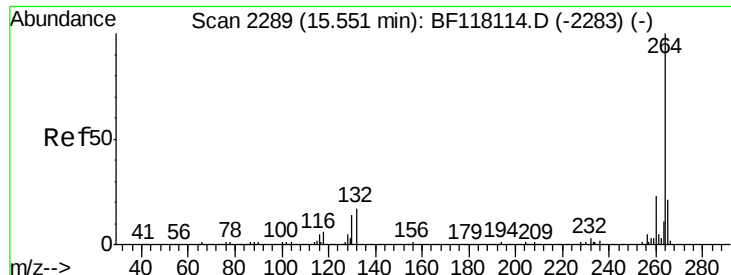
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 K165-WC-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.2	16.8	25.2

