

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114724.D
 Acq On : 31 May 2019 23:14
 Operator : HP/JU
 Sample : K3037-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Quant Time: Jun 01 01:46:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	434466	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1636448	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	813872	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1453953	20.00	ng	0.00
76) Chrysene-d12	13.81	240	938607	20.00	ng	0.00
87) Perylene-d12	15.20	264	844557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1280213	51.73	ng	0.00
7) Phenol-d6	6.32	99	1016455	34.09	ng	0.00
23) Nitrobenzene-d5	7.26	82	2194737	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	840967	108.44	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3707313	85.70	ng	0.00
79) Terphenyl-d14	12.78	244	3554310	71.20	ng	0.00

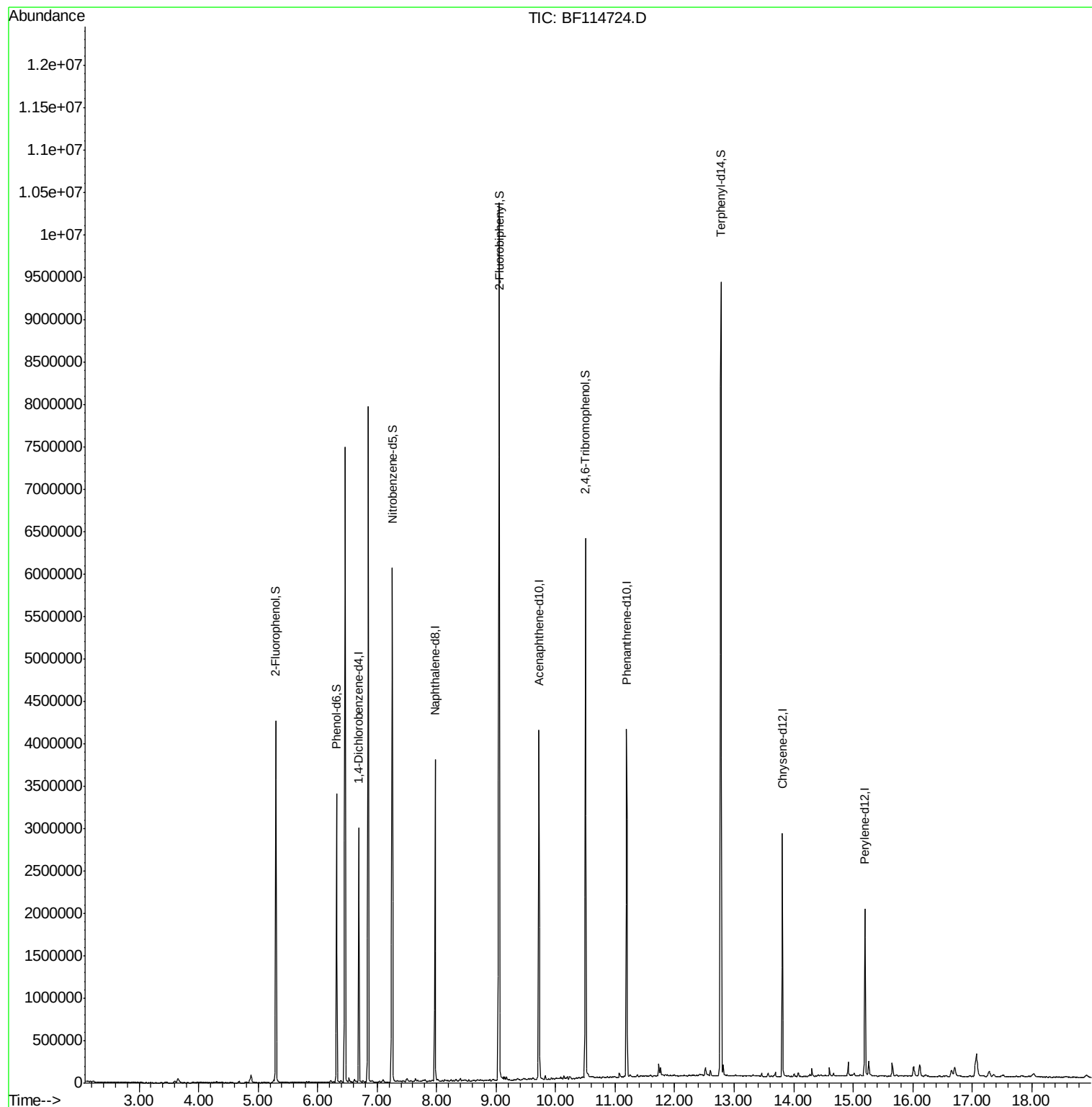
Target Compounds Qvalue

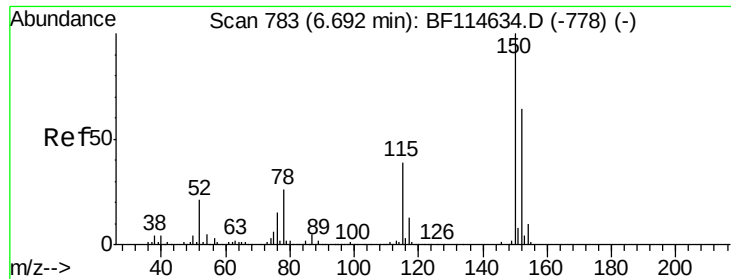
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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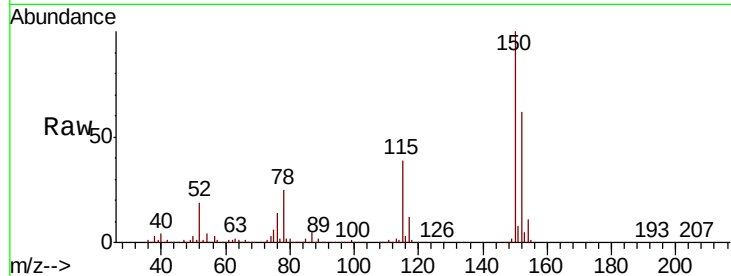


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.4	186.6
115	61.9	48.7	73.1

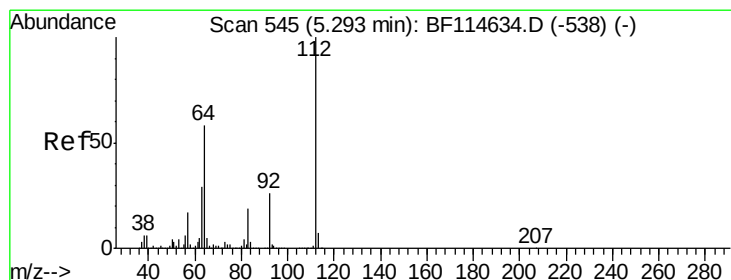
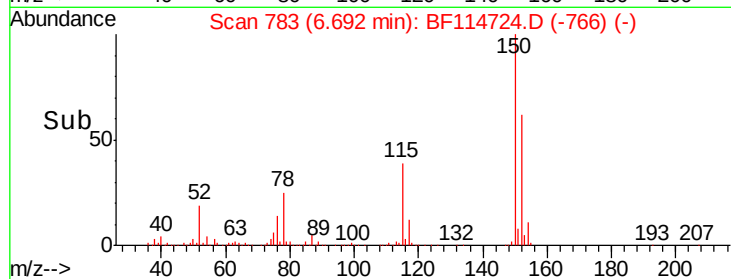
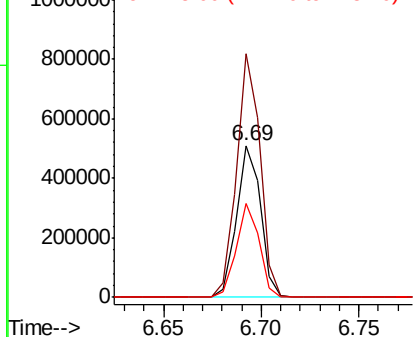


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

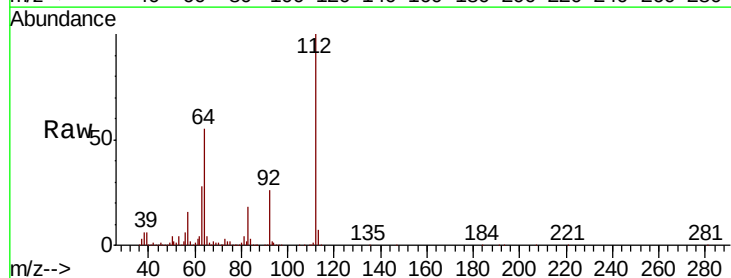
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.734 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.1	69.1
63	28.2	23.4	35.2

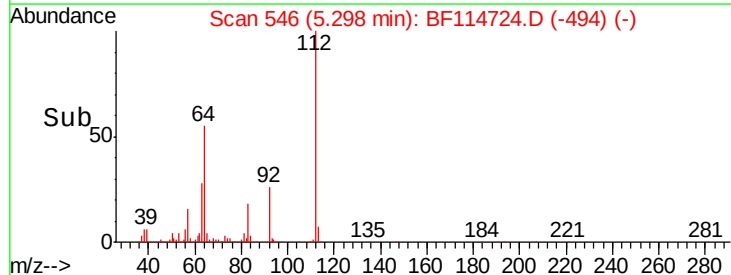
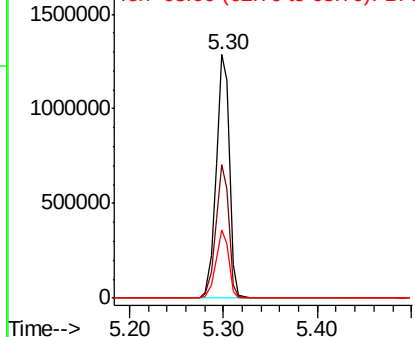


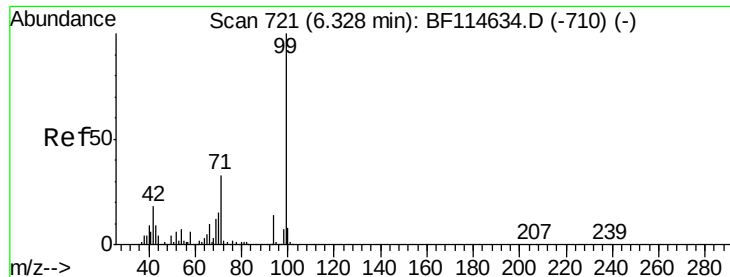
Abundance

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: 34.087 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

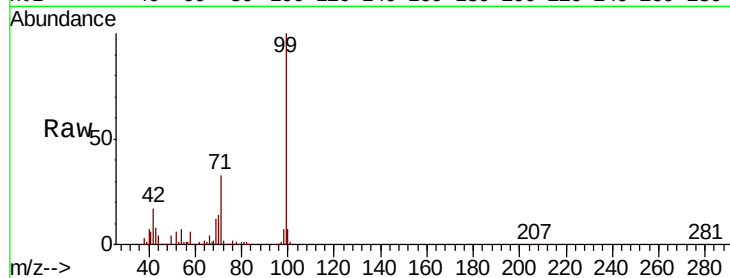
Tot Ion: 99 Resp: 1016455

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

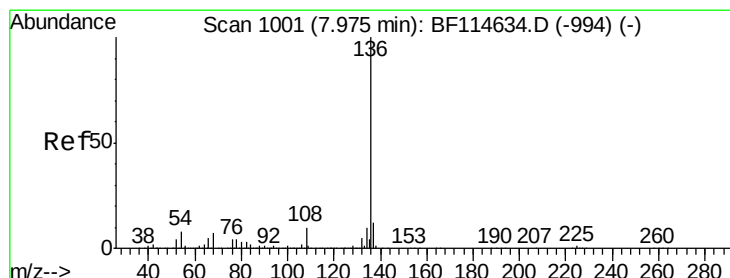
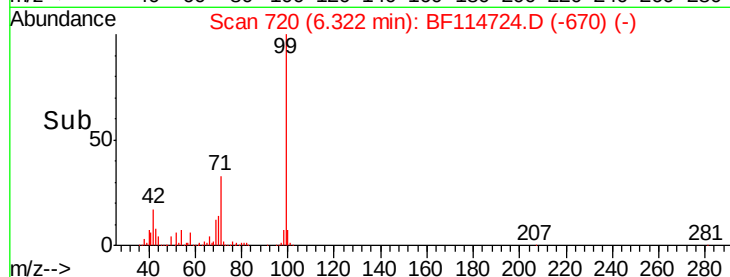
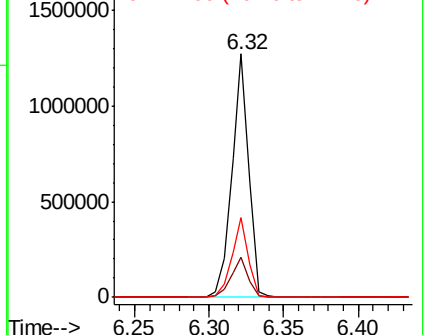
71 32.7 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Tgt Ion: 136 Resp: 1636448

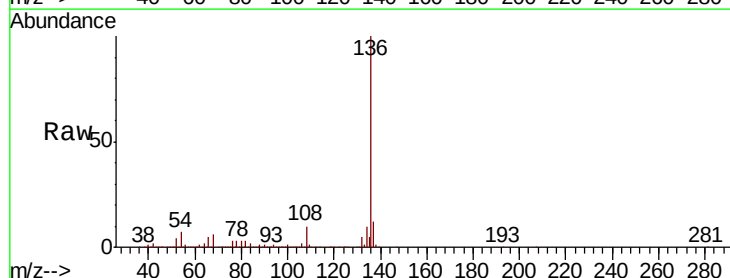
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.6 6.3 9.5

68 5.9 5.4 8.0

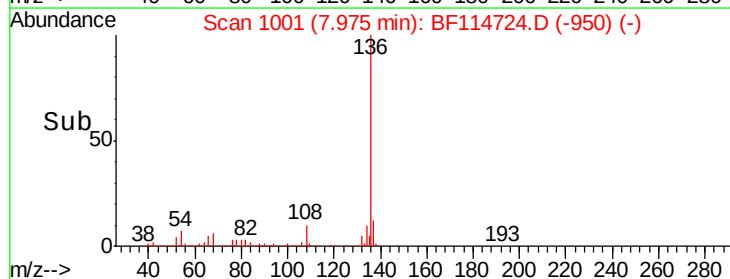
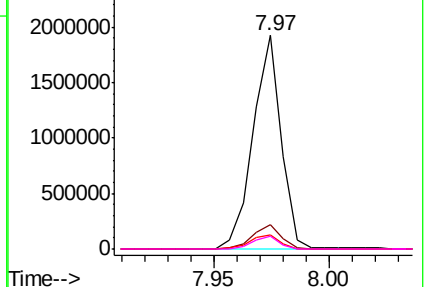


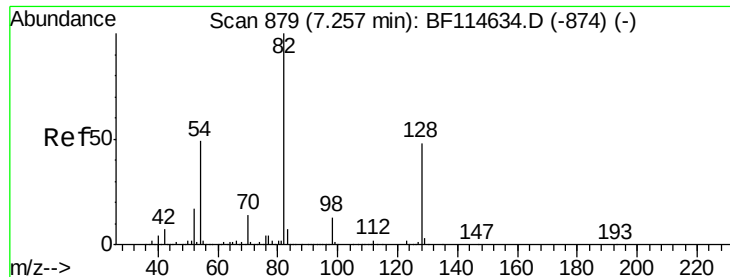
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.674 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

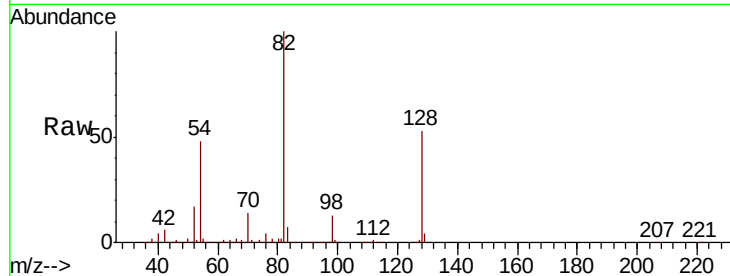
Tot Ion: 82 Resp: 2194737

Ion Ratio Lower Upper

82 100

128 52.8 38.5 57.7

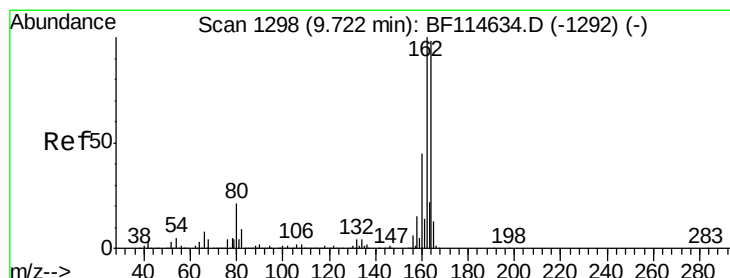
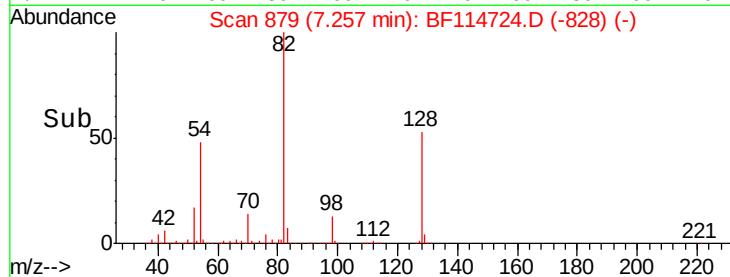
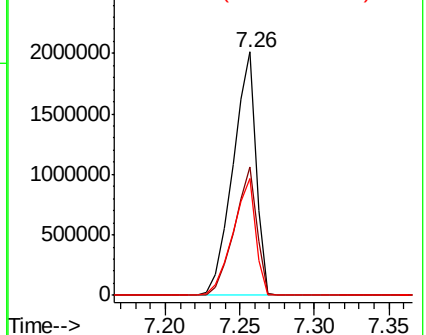
54 48.3 39.1 58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

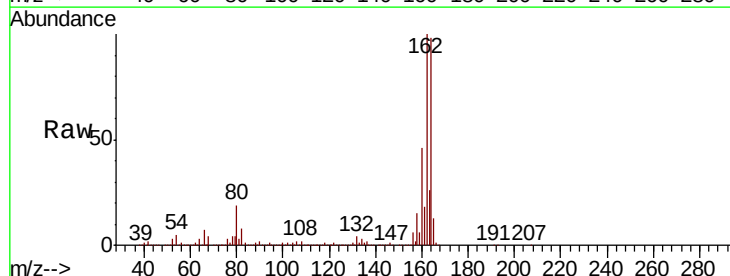
Tgt Ion:164 Resp: 813872

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.2

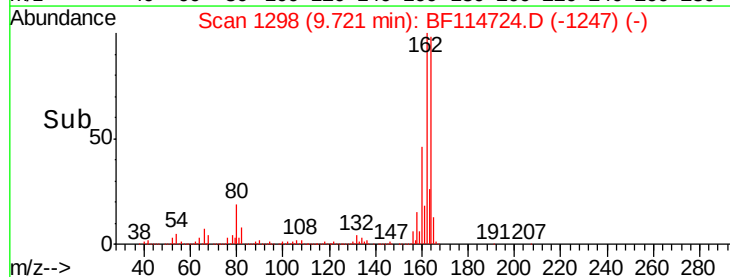
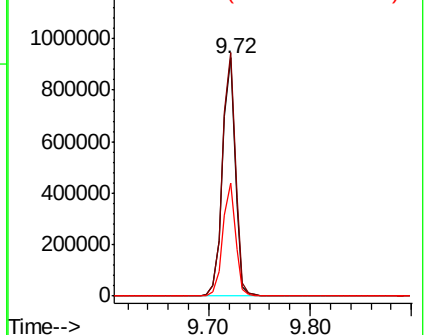
160 47.5 36.6 54.8

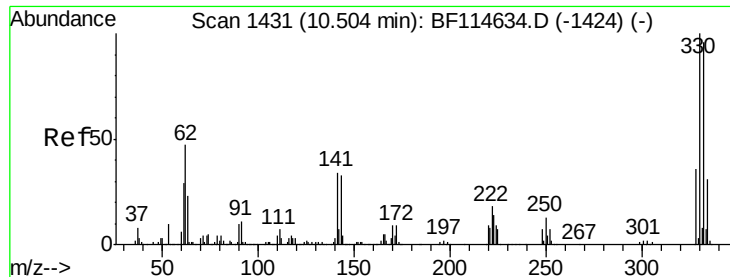


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

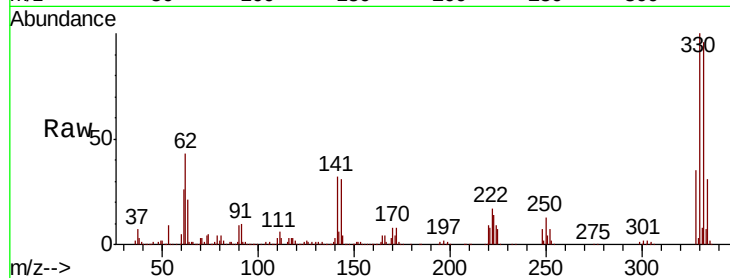




#42
 2,4,6-Tribromophenol
 Concen: 108.443 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	32.3	27.8	41.8

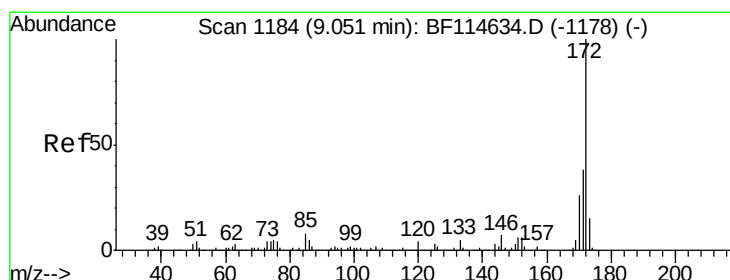
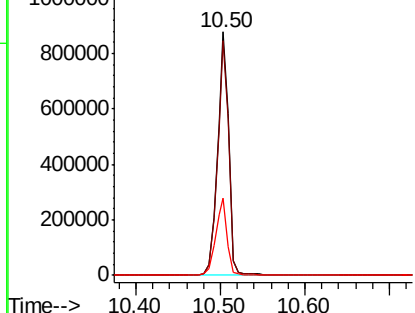
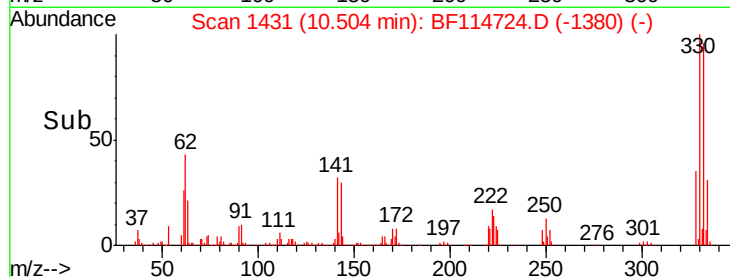


Abundance

Ion 329.80 (329.50 to 330.50): E

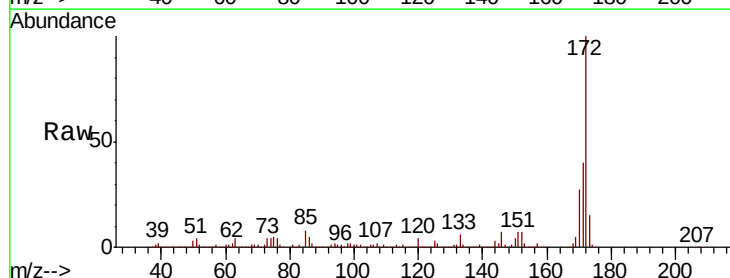
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.700 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.6	45.8
170	26.8	20.7	31.1

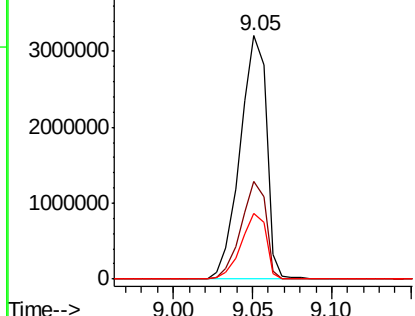
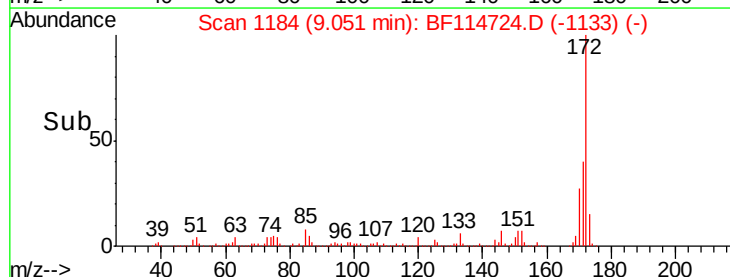


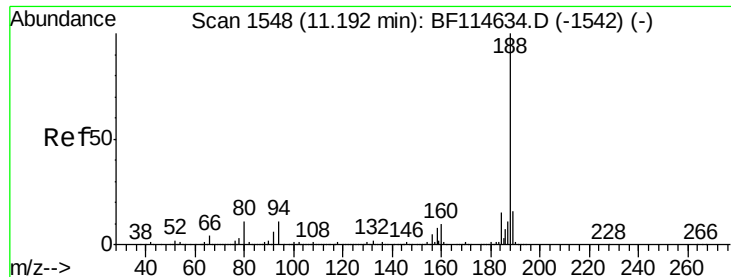
Abundance

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

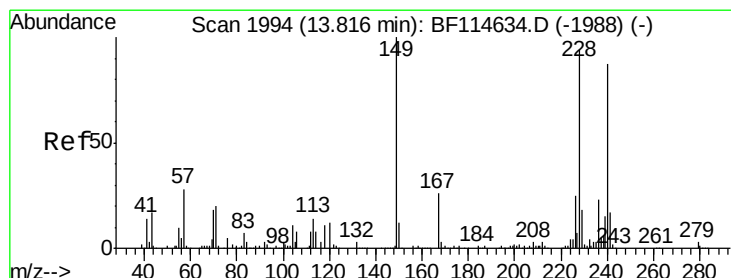
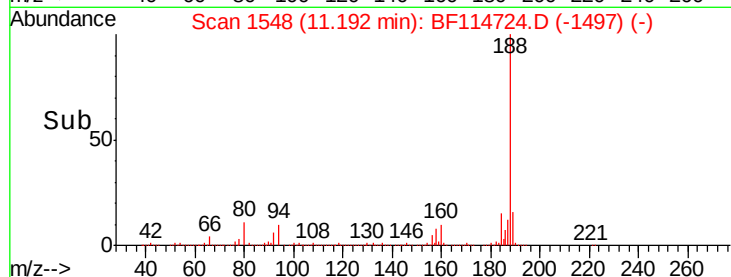
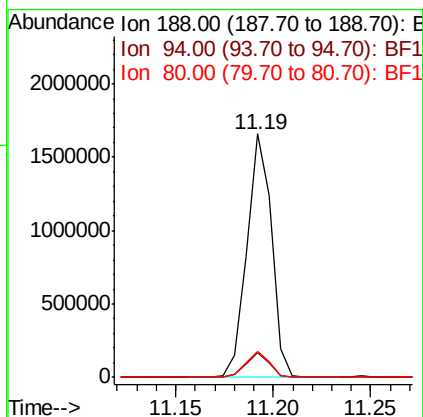
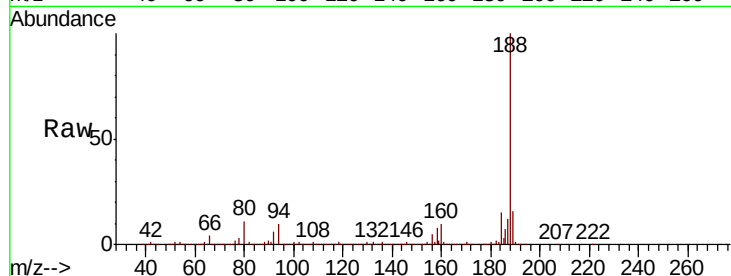




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

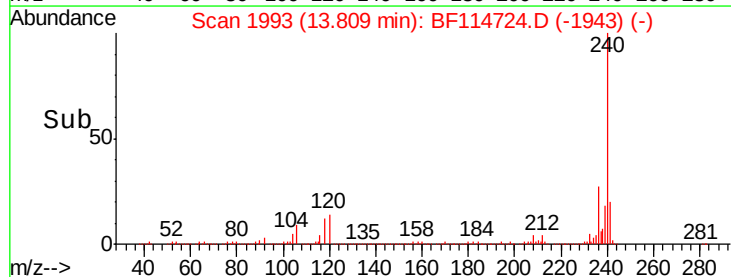
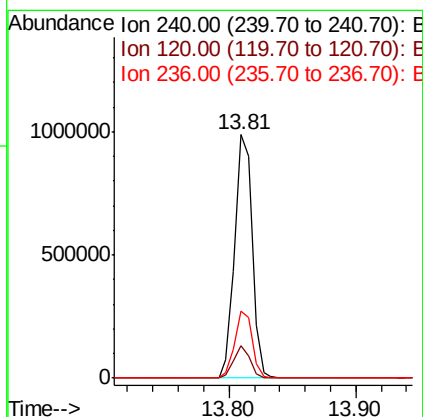
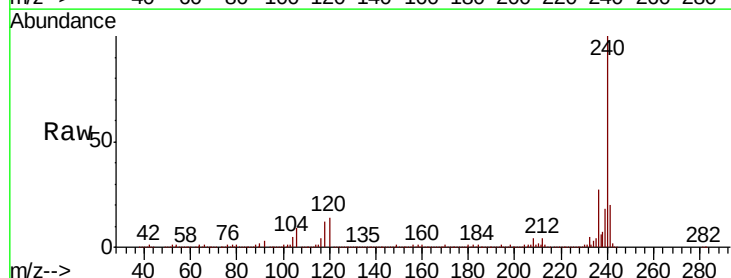
Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

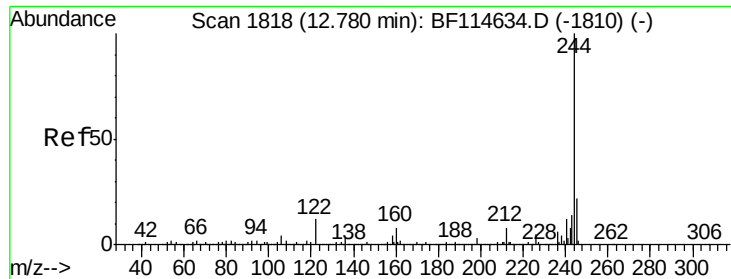
Tot Ion:188 Resp: 1453953
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:240 Resp: 938607
Ion Ratio Lower Upper
240 100
120 13.5 11.2 16.8
236 27.3 21.2 31.8



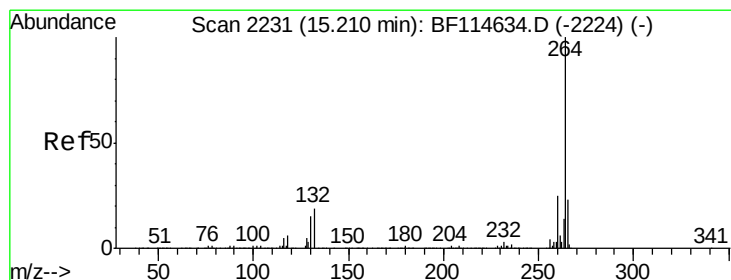
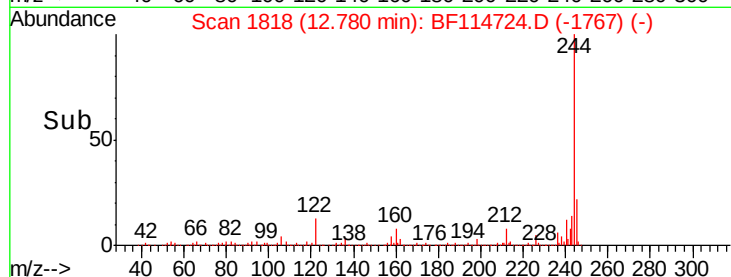
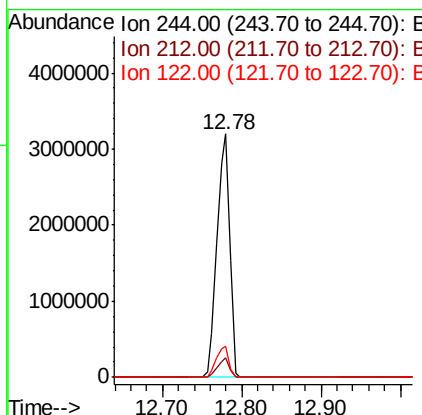
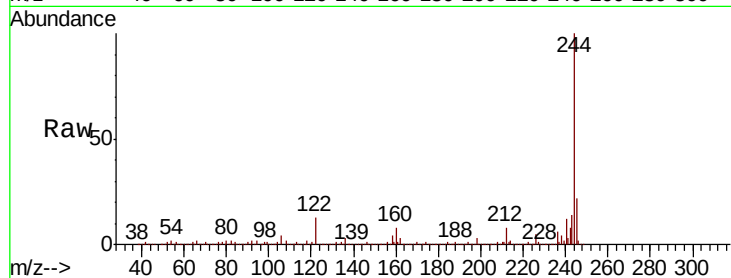


#79
 Terphenyl-d14
 Concen: 71.197 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Tot Ion:244 Resp: 3554310

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.7	9.8	14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Tgt Ion:264 Resp: 844557

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.0	18.1	27.1

