

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114723.D
 Acq On : 31 May 2019 22:48
 Operator : HP/JU
 Sample : K3037-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-2

Quant Time: Jun 01 01:44:35 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	407852	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1571027	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	769973	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1418303	20.00	ng	0.00
76) Chrysene-d12	13.81	240	929505	20.00	ng	0.00
87) Perylene-d12	15.20	264	821070	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	705913	30.39	ng	0.00
7) Phenol-d6	6.32	99	552836	19.75	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1089523	43.27	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	505158	68.85	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2113775	43.82	ng	0.00
79) Terphenyl-d14	12.77	244	2161437	43.72	ng	0.00

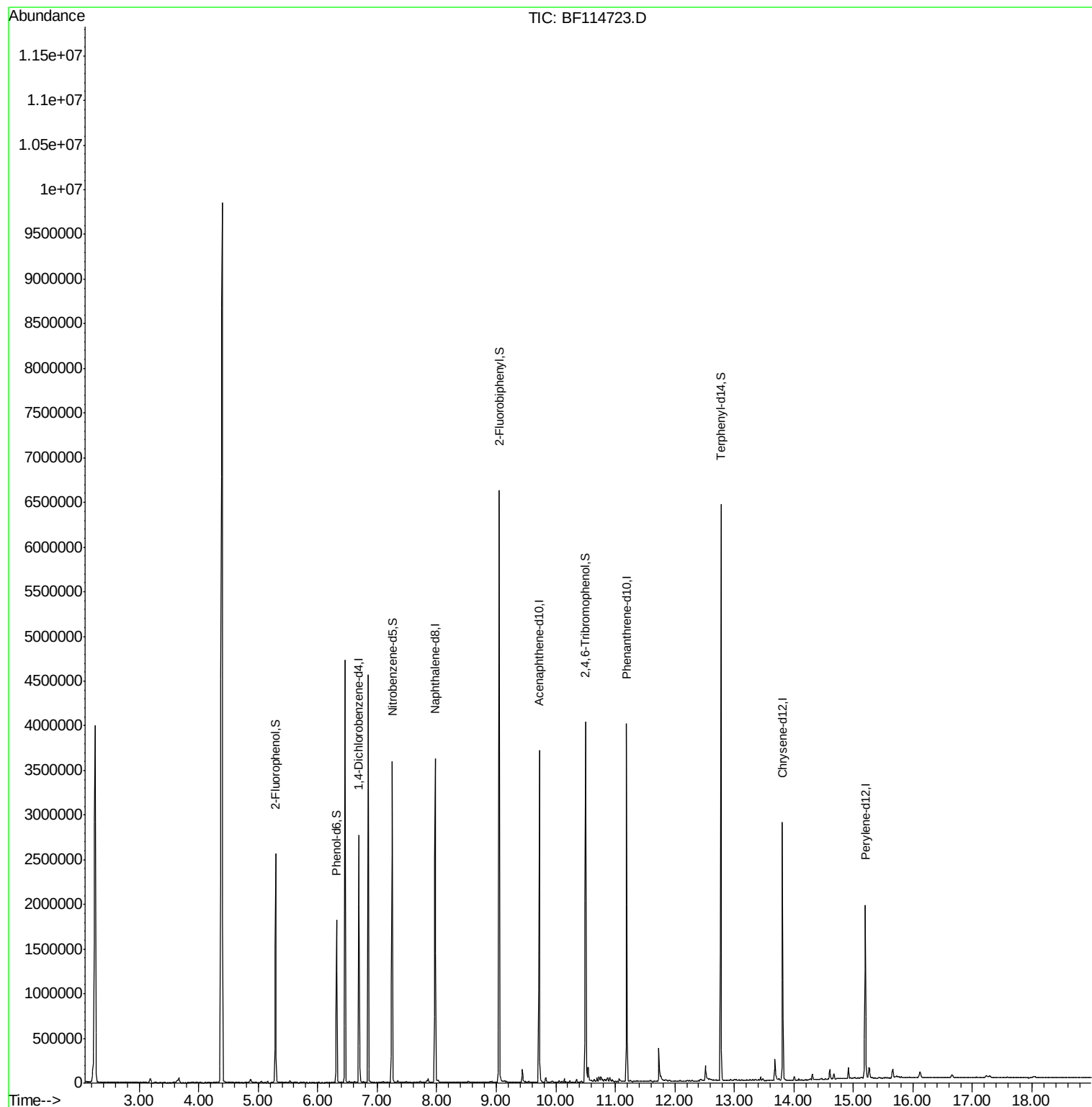
Target Compounds Qvalue

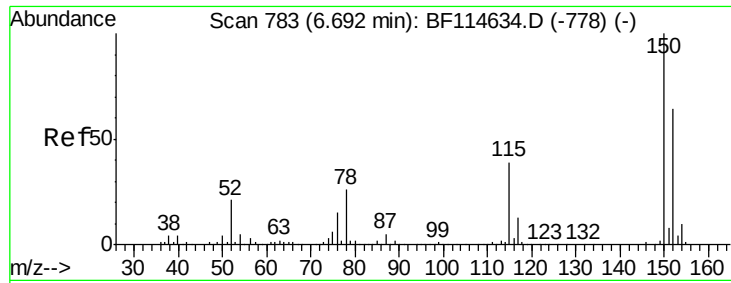
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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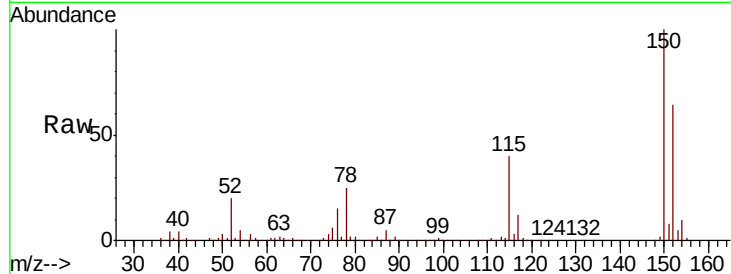


#1

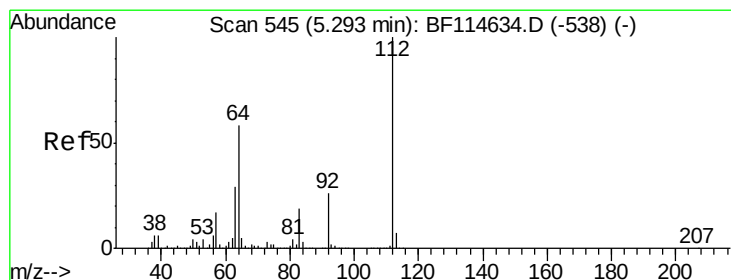
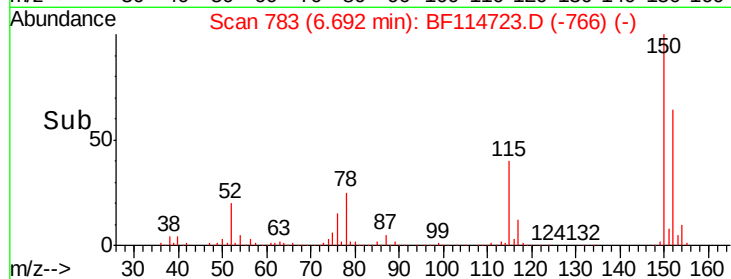
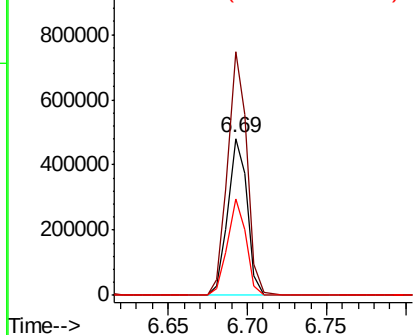
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Instrument :
BNA_F
ClientSampleId :
MW6-R1-2

Tot Ion:152 Resp: 407852
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 61.3 48.7 73.1



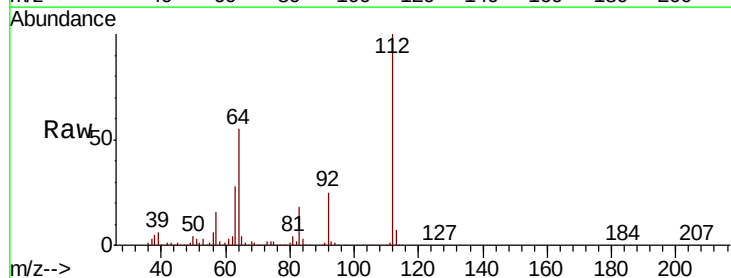
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



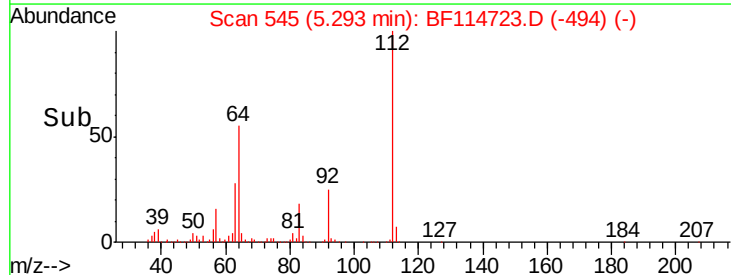
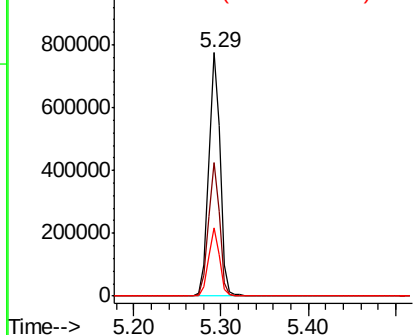
#5

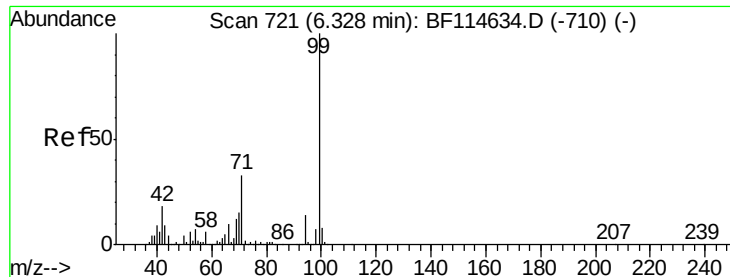
2-Fluorophenol
Concen: 30.388 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion:112 Resp: 705913
Ion Ratio Lower Upper
112 100
64 54.9 46.1 69.1
63 28.1 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: 19.749 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

BNA_F

ClientSampleId :

MW6-R1-2

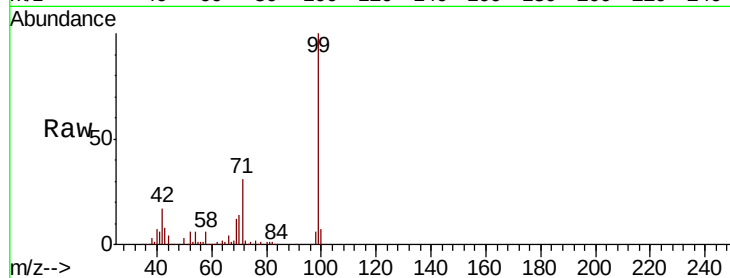
Tot Ion: 99 Resp: 552836

Ion Ratio Lower Upper

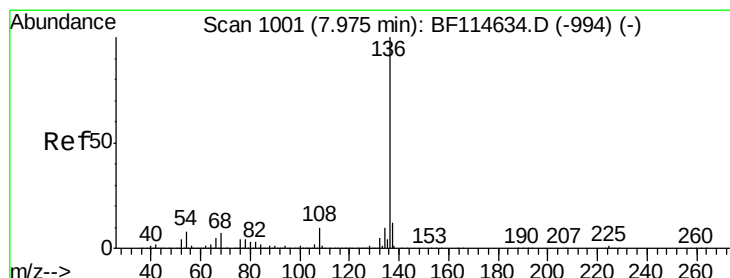
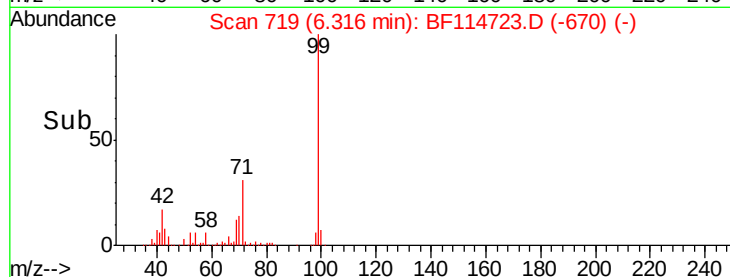
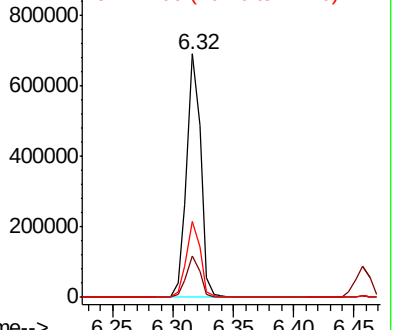
99 100

42 17.0 14.7 22.1

71 31.2 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: BF114723.D

Acq: 31 May 2019 22:48

Tgt Ion: 136 Resp: 1571027

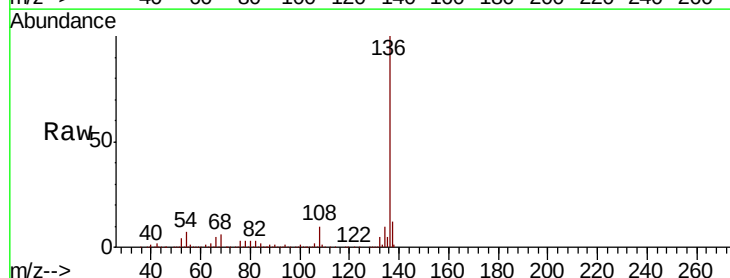
Ion Ratio Lower Upper

136 100

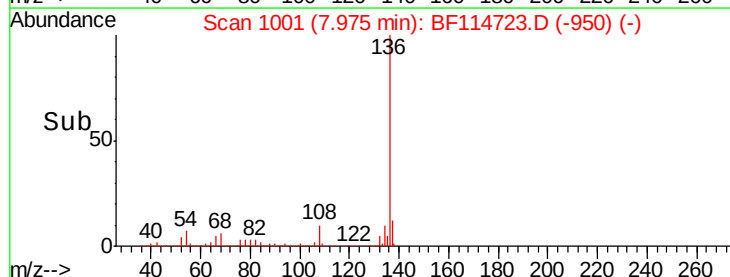
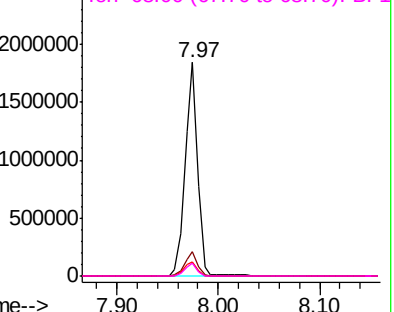
137 11.5 9.3 13.9

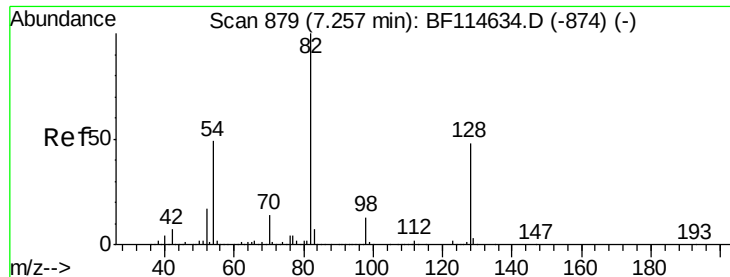
54 6.6 6.3 9.5

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

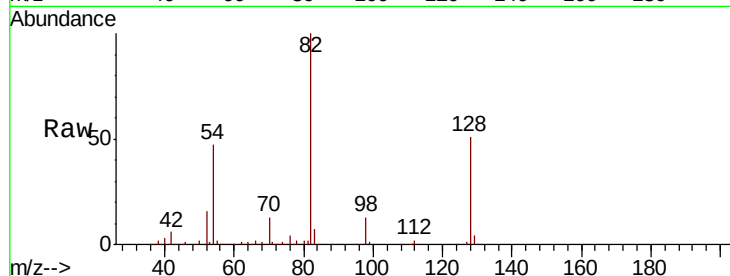




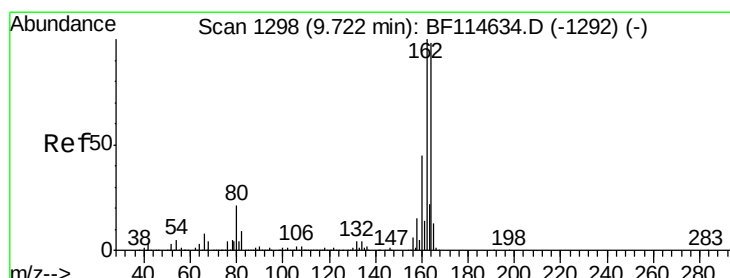
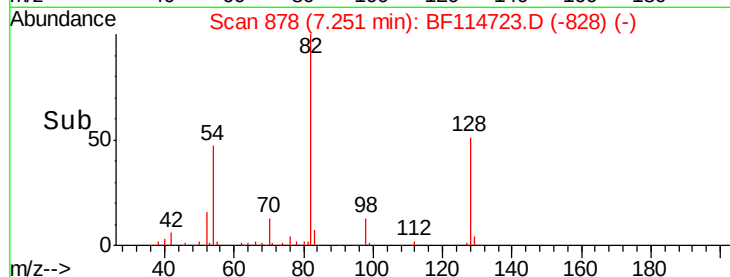
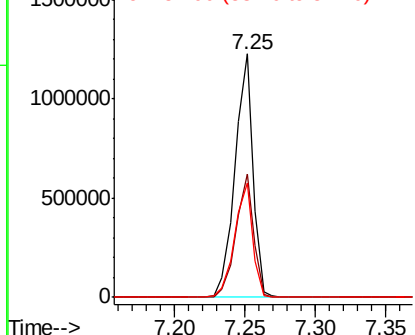
#23
Nitrobenzene-d5
Concen: 43.267 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Instrument :
BNA_F
ClientSampleId :
MW6-R1-2

Tot Ion: 82 Resp: 1089523
Ion Ratio Lower Upper
82 100
128 50.8 38.5 57.7
54 47.2 39.1 58.7

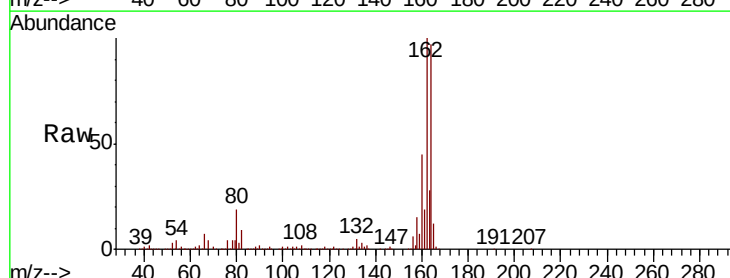


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

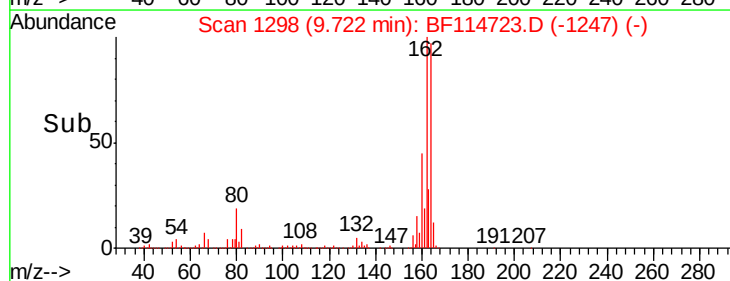
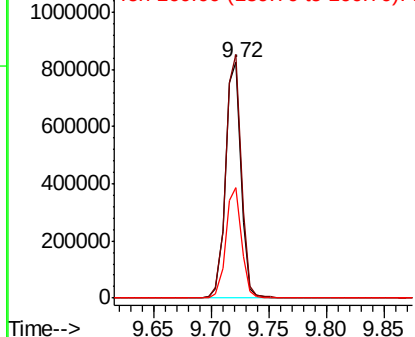


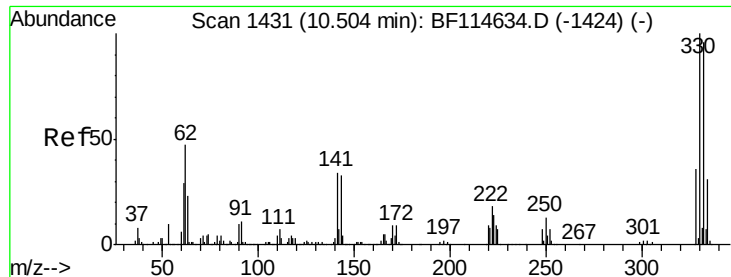
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion:164 Resp: 769973
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 47.0 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

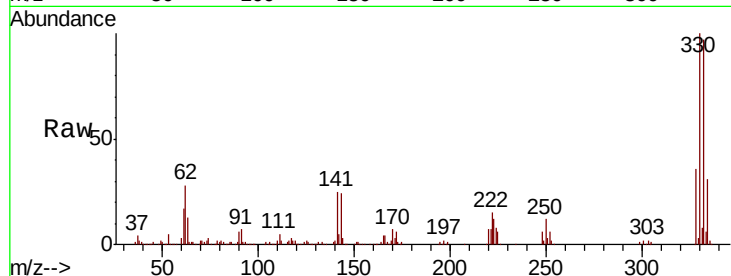




#42
 2,4,6-Tribromophenol
 Concen: 68.854 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.8
141	33.7	27.8	41.8

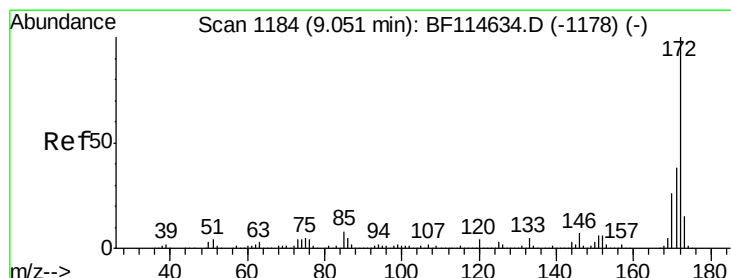
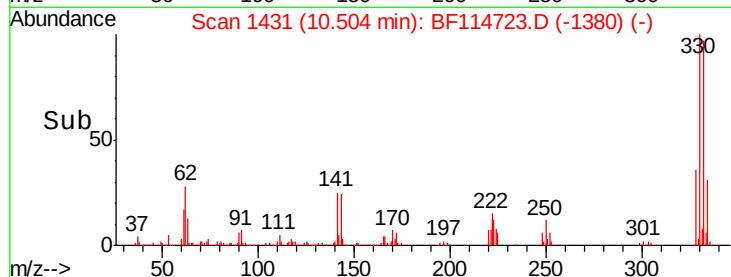
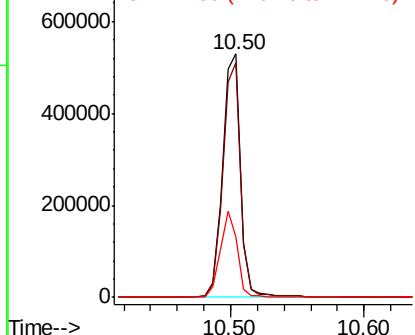


Abundance

Ion 329.80 (329.50 to 330.50): E

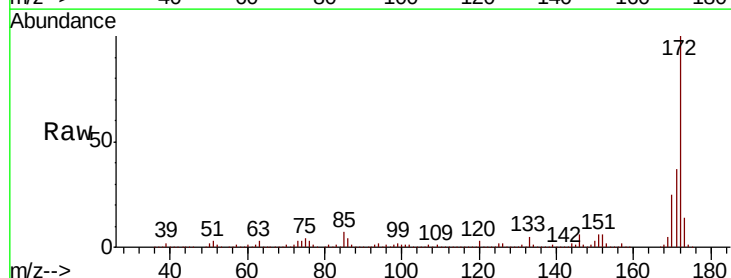
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.816 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	45.8
170	25.4	20.7	31.1

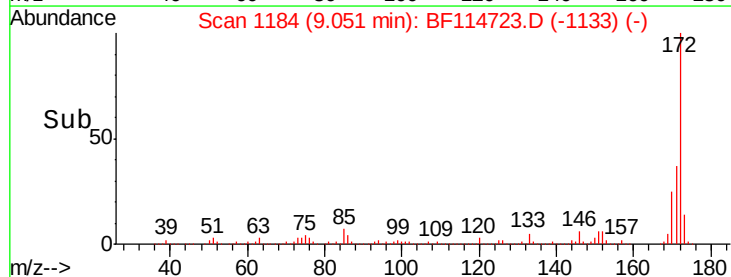
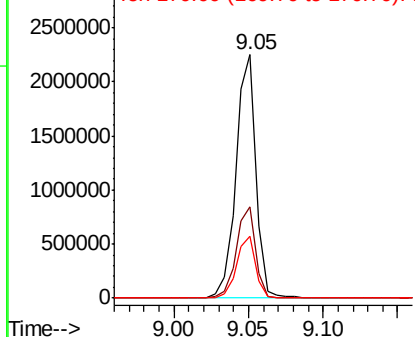


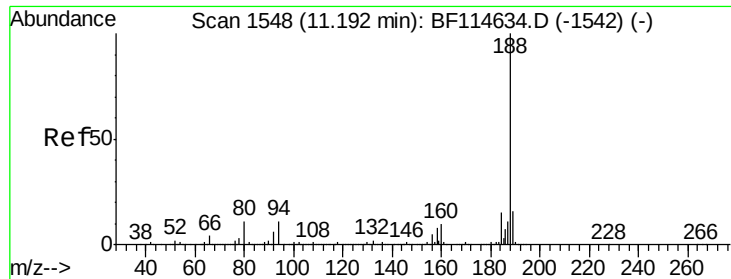
Abundance

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

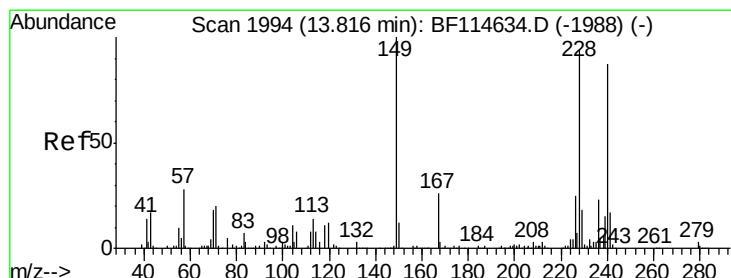
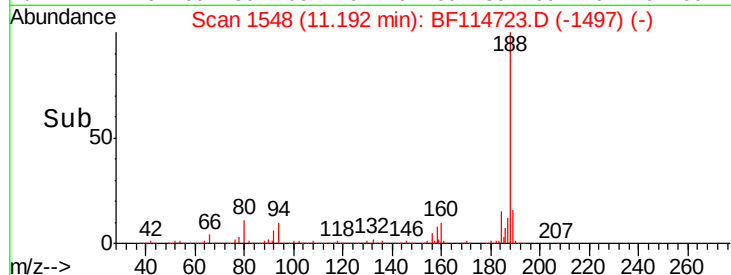
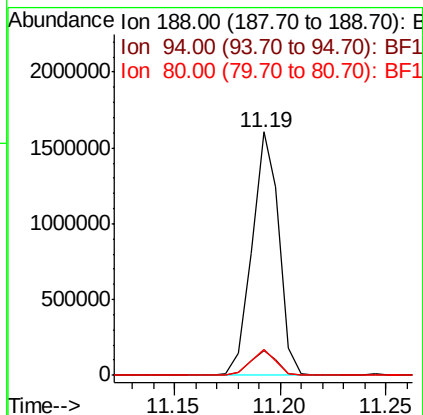
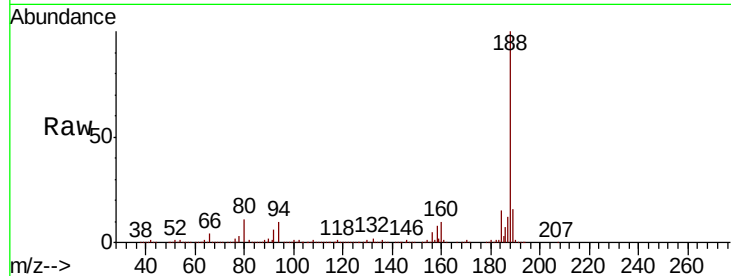




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

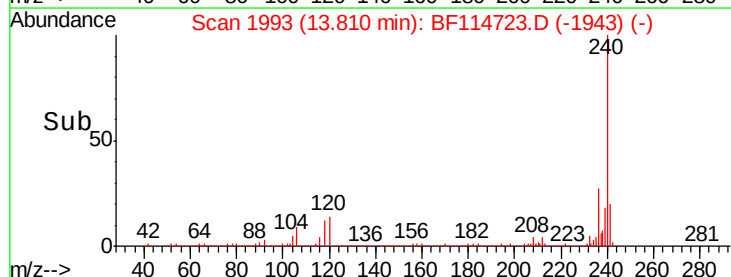
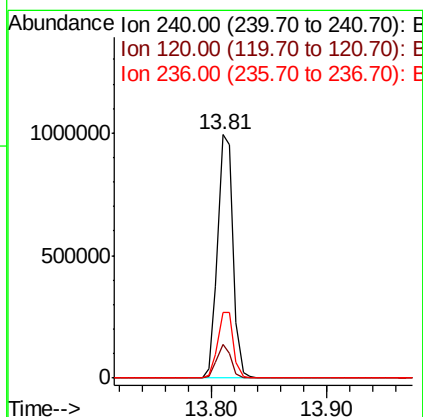
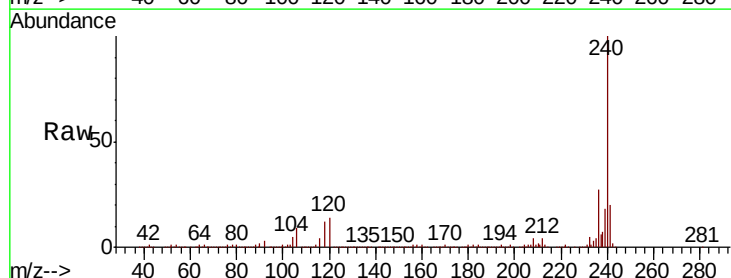
Instrument :
BNA_F
ClientSampleId :
MW6-R1-2

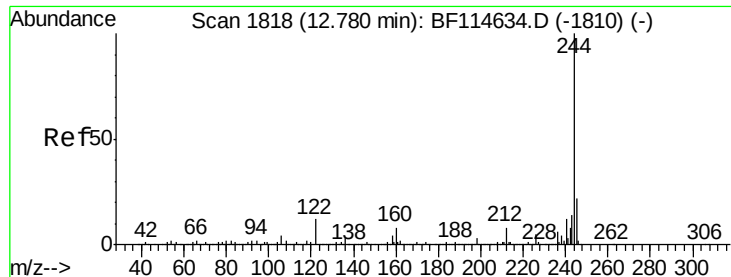
Tot Ion:188 Resp: 1418303
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 10.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion:240 Resp: 929505
Ion Ratio Lower Upper
240 100
120 13.7 11.2 16.8
236 27.1 21.2 31.8





#79

Terphenyl-d14

Concen: 43.720 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

BNA_F

ClientSampleId :

MW6-R1-2

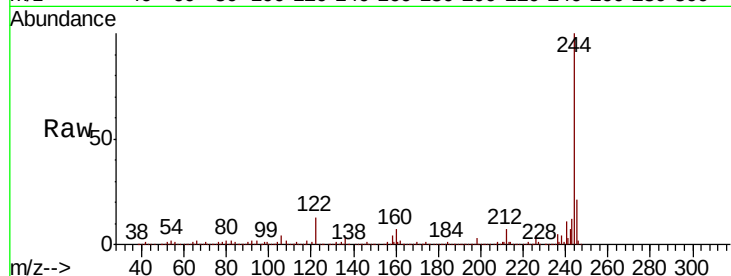
Tot Ion:244 Resp: 2161437

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

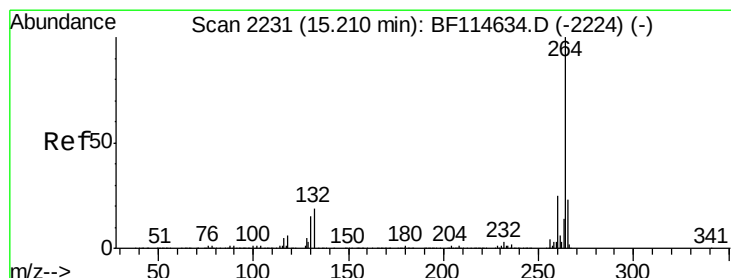
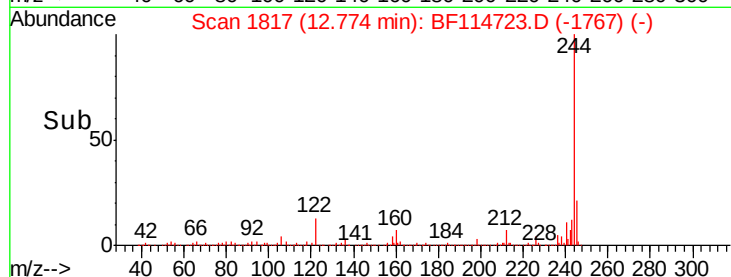
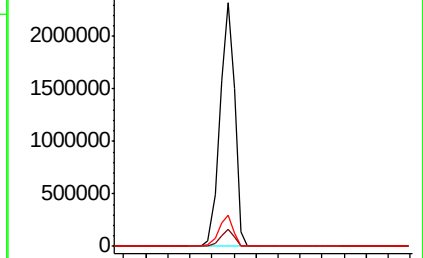
122 12.7 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

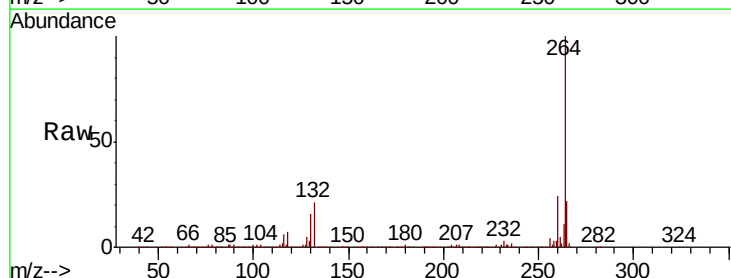
Tgt Ion:264 Resp: 821070

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.6 18.1 27.1



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

