

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114905.D
 Acq On : 7 Jun 2019 22:16
 Operator : HP/JU
 Sample : K3214-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A

Quant Time: Jun 08 06:22:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	346178	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1328964	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	664222	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1286022	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	1044838	20.00	ng	-0.02
87) Perylene-d12	15.15	264	1077822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.30	99	1206	0.05	ng	0.00
23) Nitrobenzene-d5	7.22	82	1839093	85.19	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.02	172	3309391	93.33	ng	-0.01
79) Terphenyl-d14	12.74	244	3688249	68.65	ng	0.00

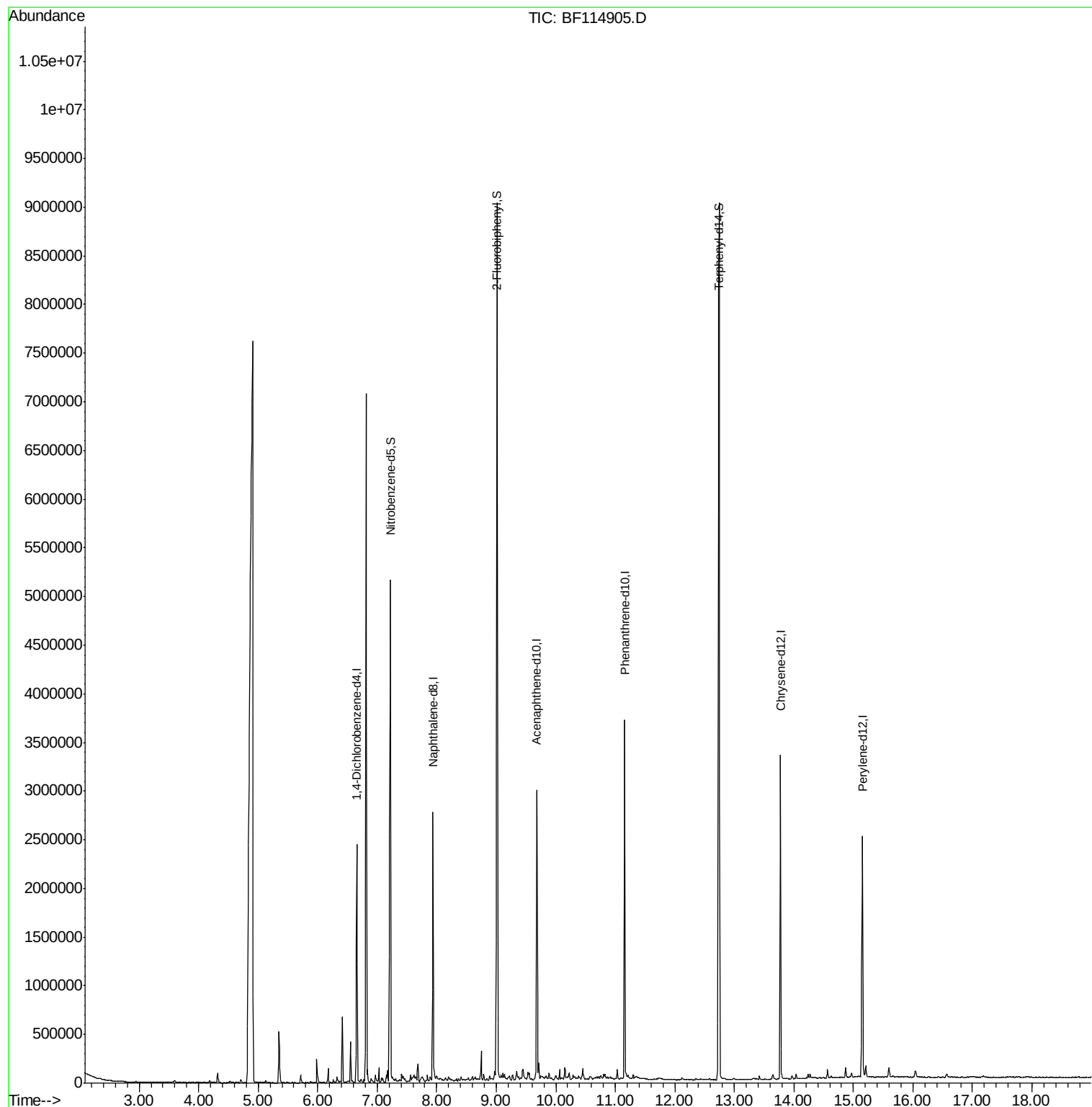
Target Compounds Qvalue

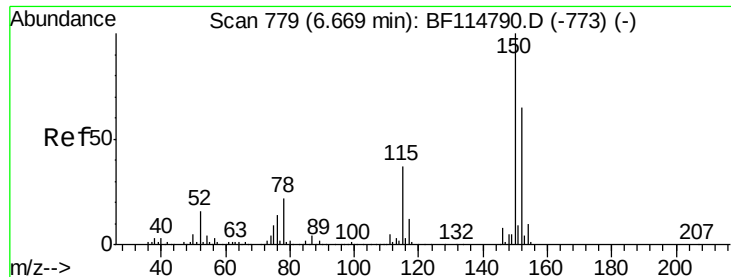
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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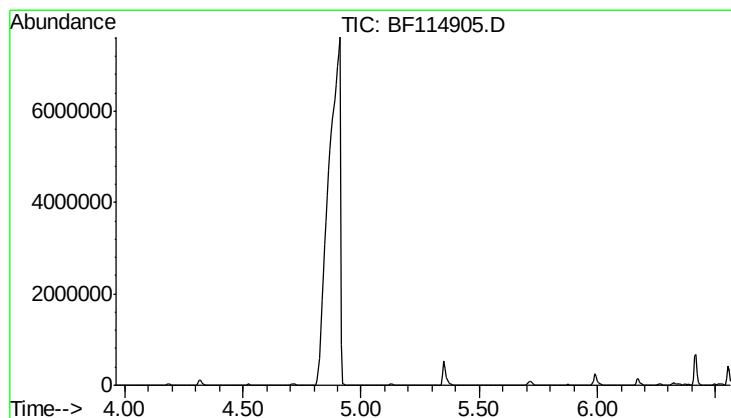
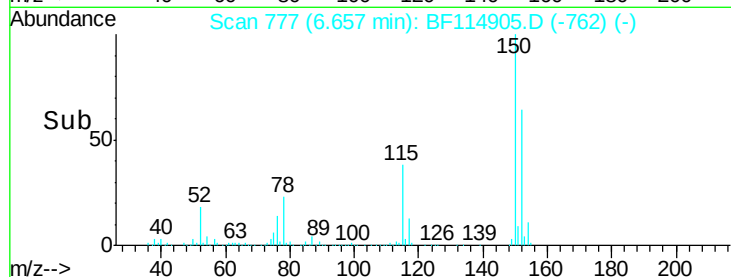
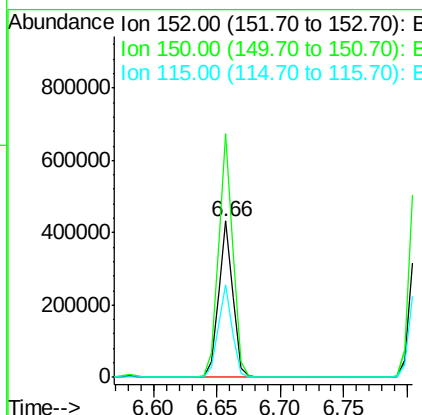
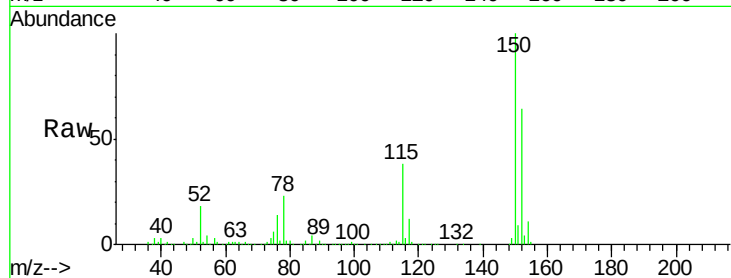


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tot Ion	152	Resp	346178
Ion Ratio	100	Lower	Upper
150	155.7	124.0	186.0
115	59.2	46.3	69.5

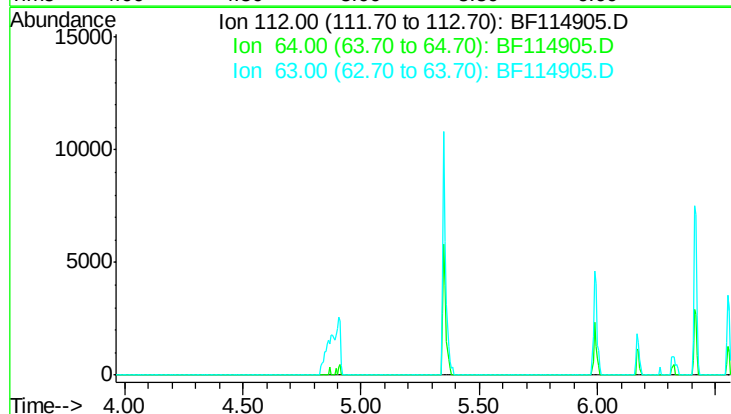


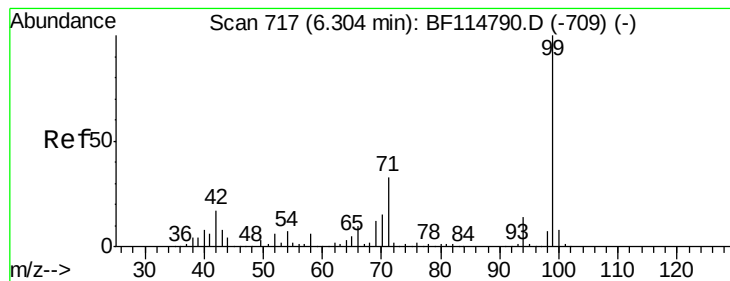
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.26 min

Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion	112
Sig	Exp Ratio
112	100
64	55.7
63	28.7





#7

Phenol-d6

Concen: 0.050 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-5A

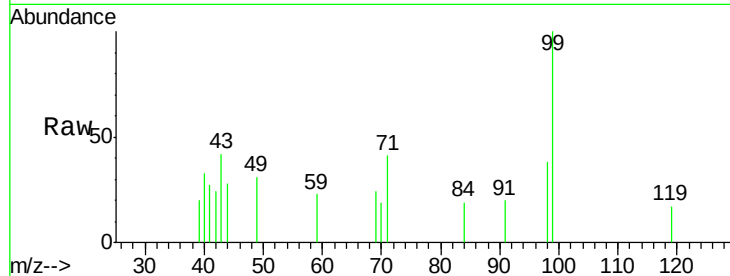
Tot Ion: 99 Resp: 1206

Ion Ratio Lower Upper

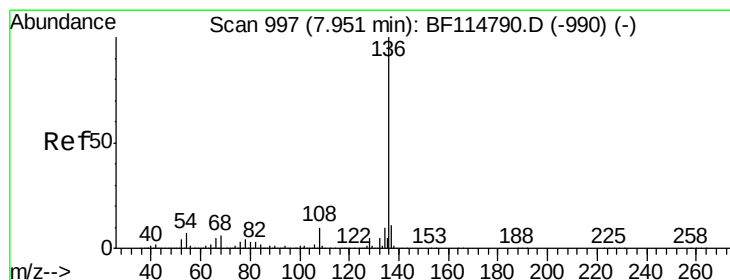
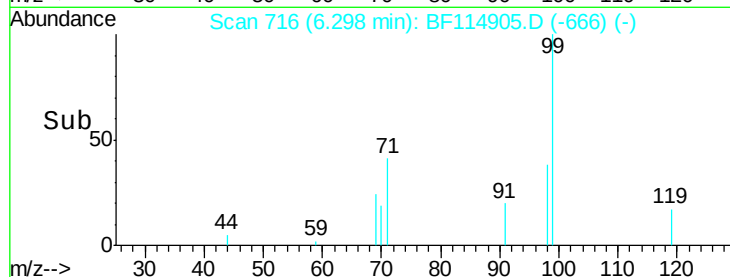
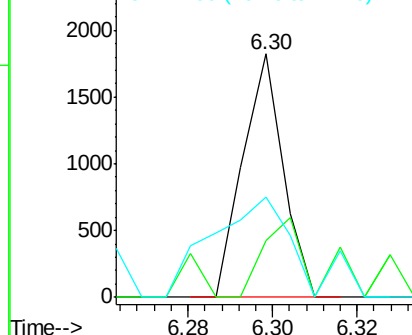
99 100

42 23.5 13.3 19.9#

71 41.2 26.3 39.5#



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

Tgt Ion: 136 Resp: 1328964

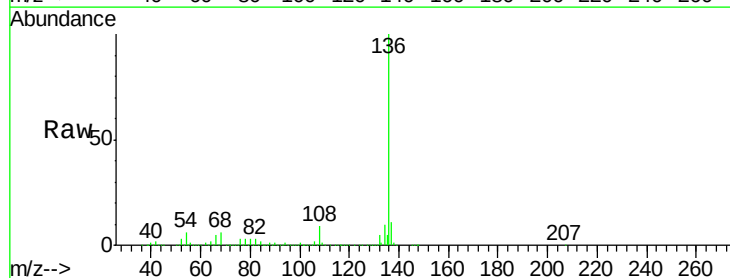
Ion Ratio Lower Upper

136 100

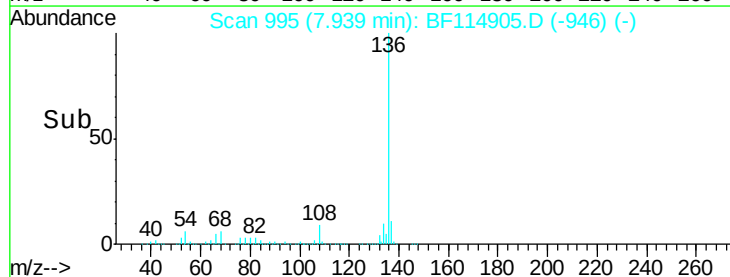
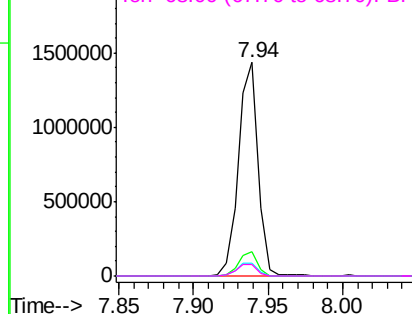
137 11.3 9.1 13.7

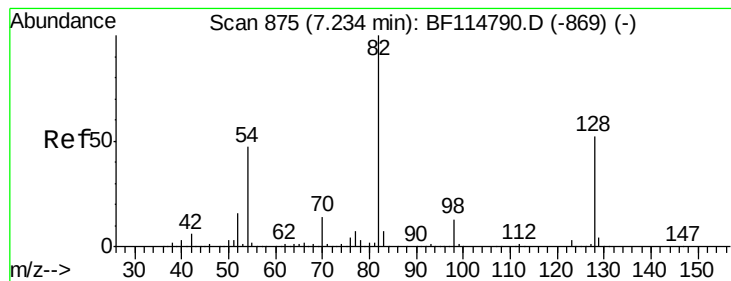
54 6.2 5.4 8.0

68 5.5 4.6 6.8



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: 85.188 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-5A

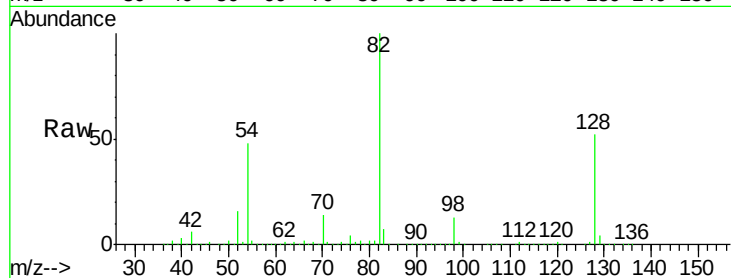
Tot Ion: 82 Resp: 1839093

Ion Ratio Lower Upper

82 100

128 52.0 41.8 62.6

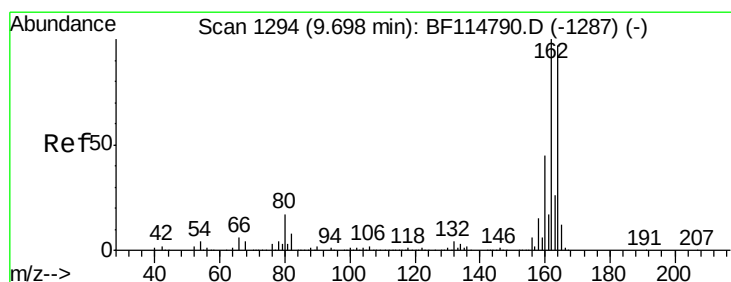
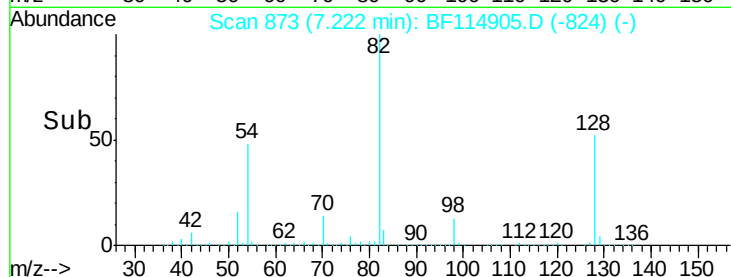
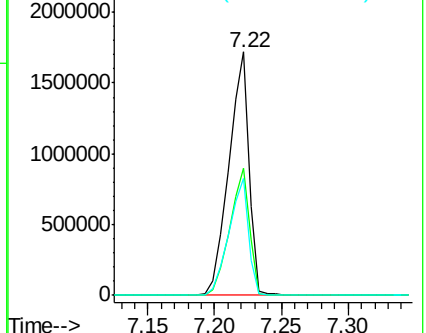
54 47.8 37.9 56.9



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

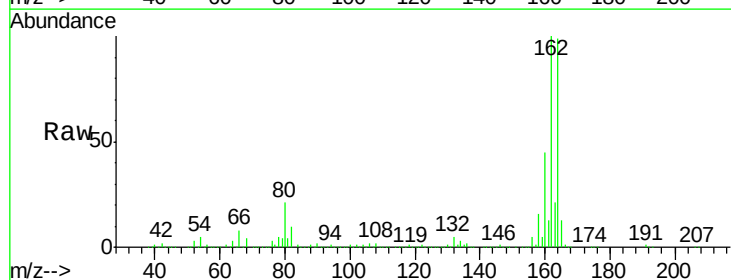
Tgt Ion:164 Resp: 664222

Ion Ratio Lower Upper

164 100

162 100.8 82.3 123.5

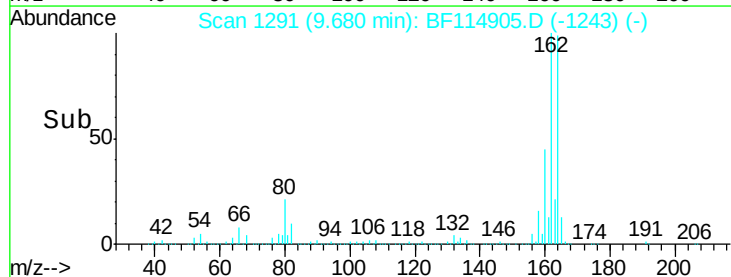
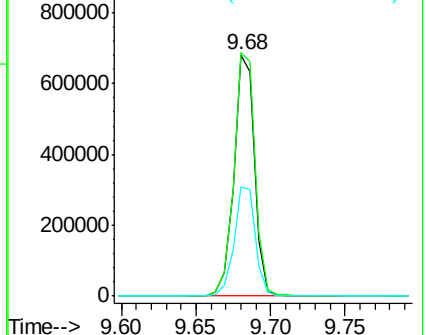
160 45.3 36.7 55.1

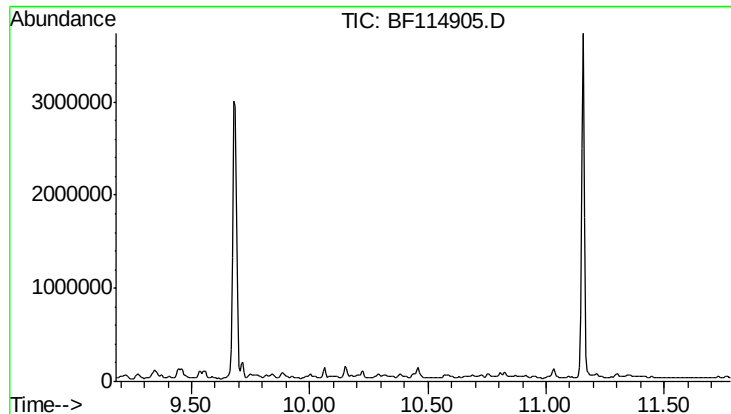


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.48 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-5A

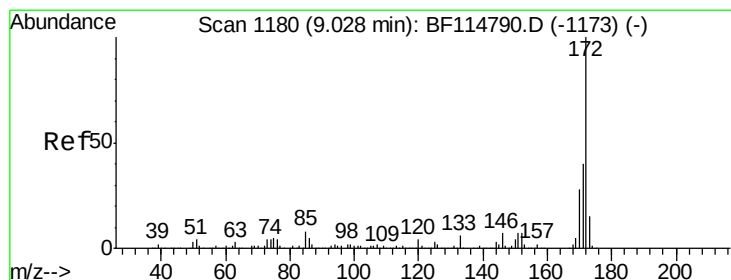
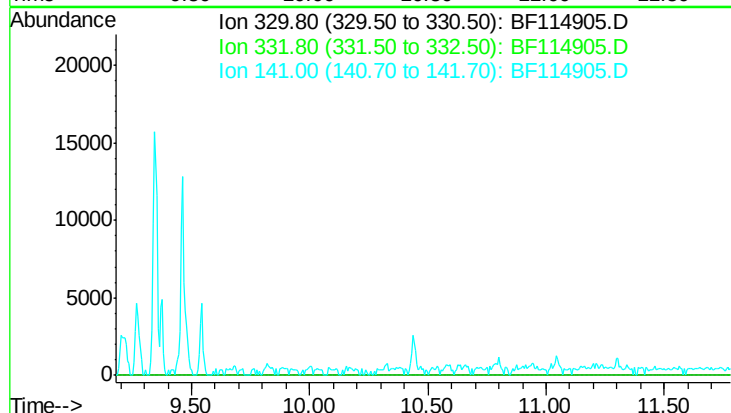
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.6

141 32.8



#45

2-Fluorobiphenyl

Concen: 93.333 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114905.D

Acq: 7 Jun 2019 22:16

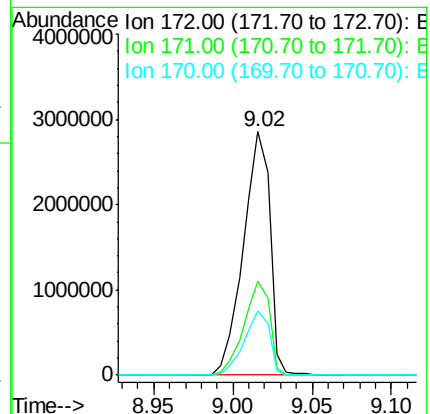
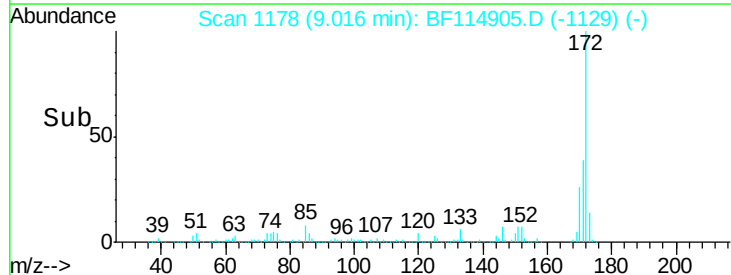
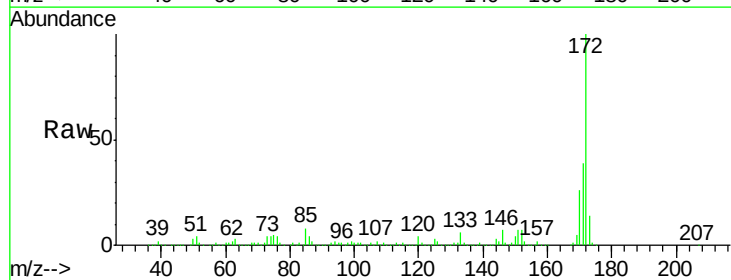
Tgt Ion:172 Resp: 3309391

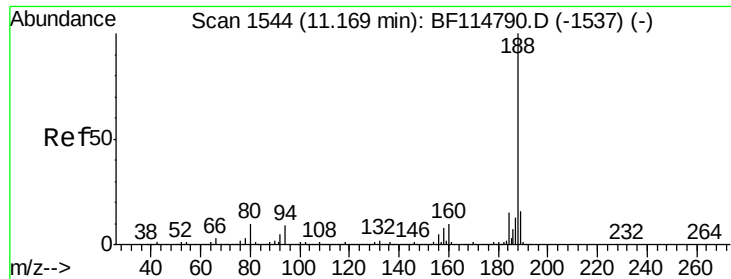
Ion Ratio Lower Upper

172 100

171 38.7 32.3 48.5

170 26.3 22.4 33.6

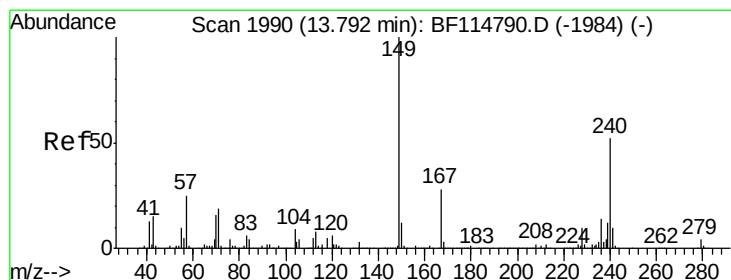
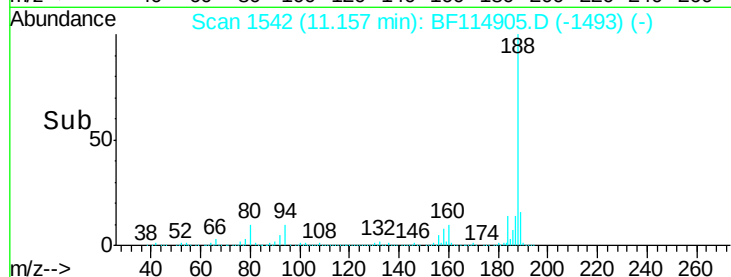
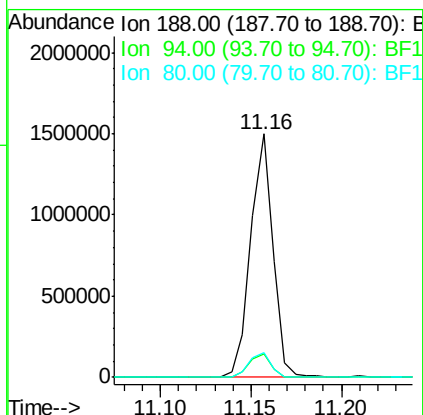
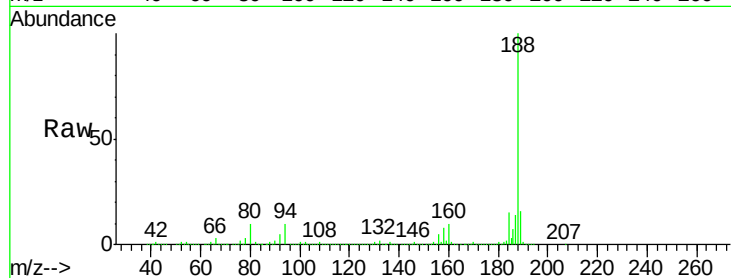




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

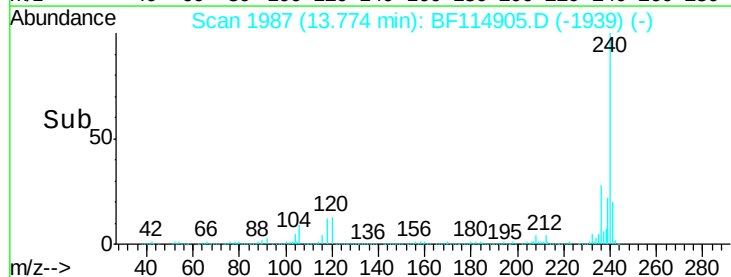
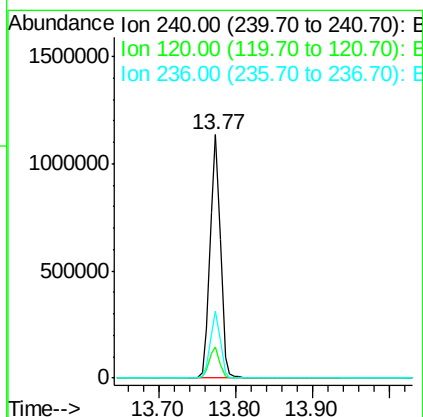
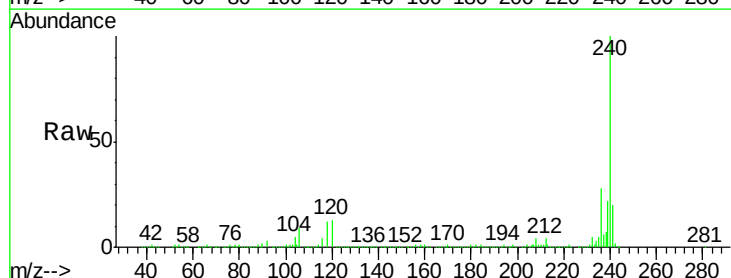
Instrument :
BNA_F
ClientSampleId :
MW-5A

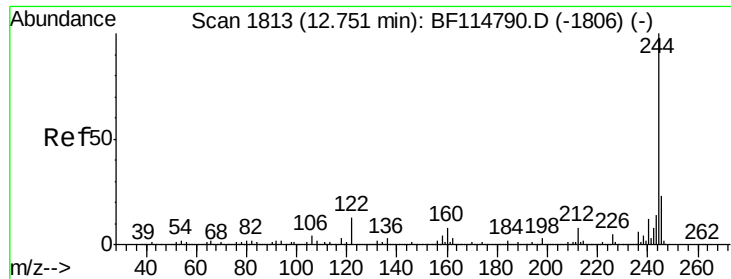
Tot Ion:188 Resp: 1286022
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:240 Resp: 1044838
Ion Ratio Lower Upper
240 100
120 13.0 9.0 13.4
236 27.5 21.4 32.0



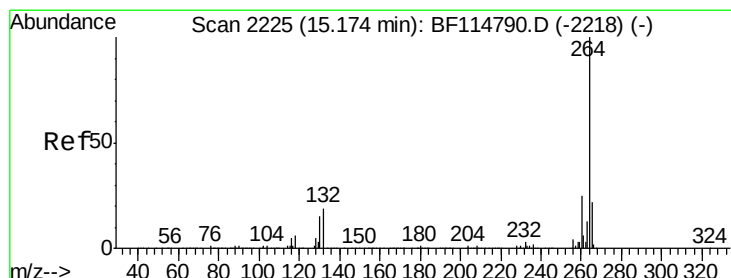
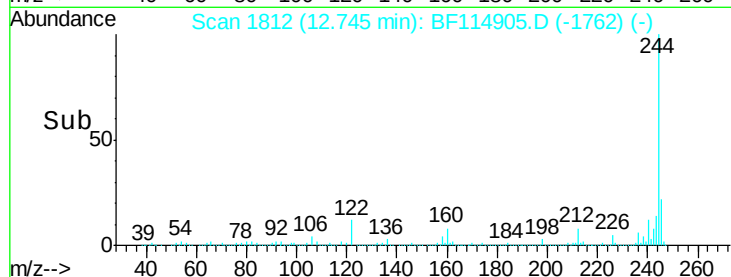
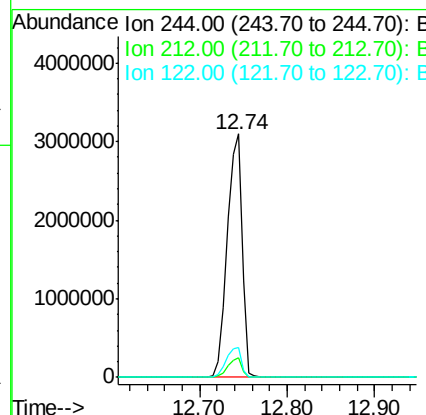
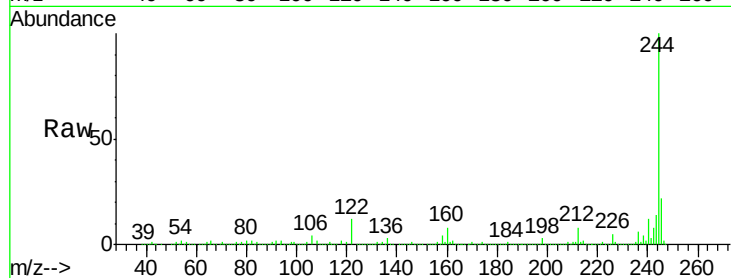


#79
 Terphenyl-d14
 Concen: 68.649 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF114905.D
 Acq: 7 Jun 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A

Tot Ion:244 Resp: 3688249

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	12.3	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF114905.D
 Acq: 7 Jun 2019 22:16

Tgt Ion:264 Resp: 1077822

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.4	17.7	26.5

