

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114687.D
 Acq On : 31 May 2019 3:24
 Operator : HP/JU
 Sample : K3065-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14-COMP

Quant Time: May 31 12:09:25 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	6.70	152	363378	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1342327	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	605636	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1124838	20.00	ng	0.00
76) Chrysene-d12	13.82	240	684268	20.00	ng	0.00
87) Perylene-d12	15.22	264	573665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	290691	14.05	ng	0.00
7) Phenol-d6	6.32	99	401612	16.10	ng	0.00
23) Nitrobenzene-d5	7.25	82	208460	9.69	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	58953	10.22	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	0.00
79) Terphenyl-d14	12.77	244	404978	11.13	ng	0.00

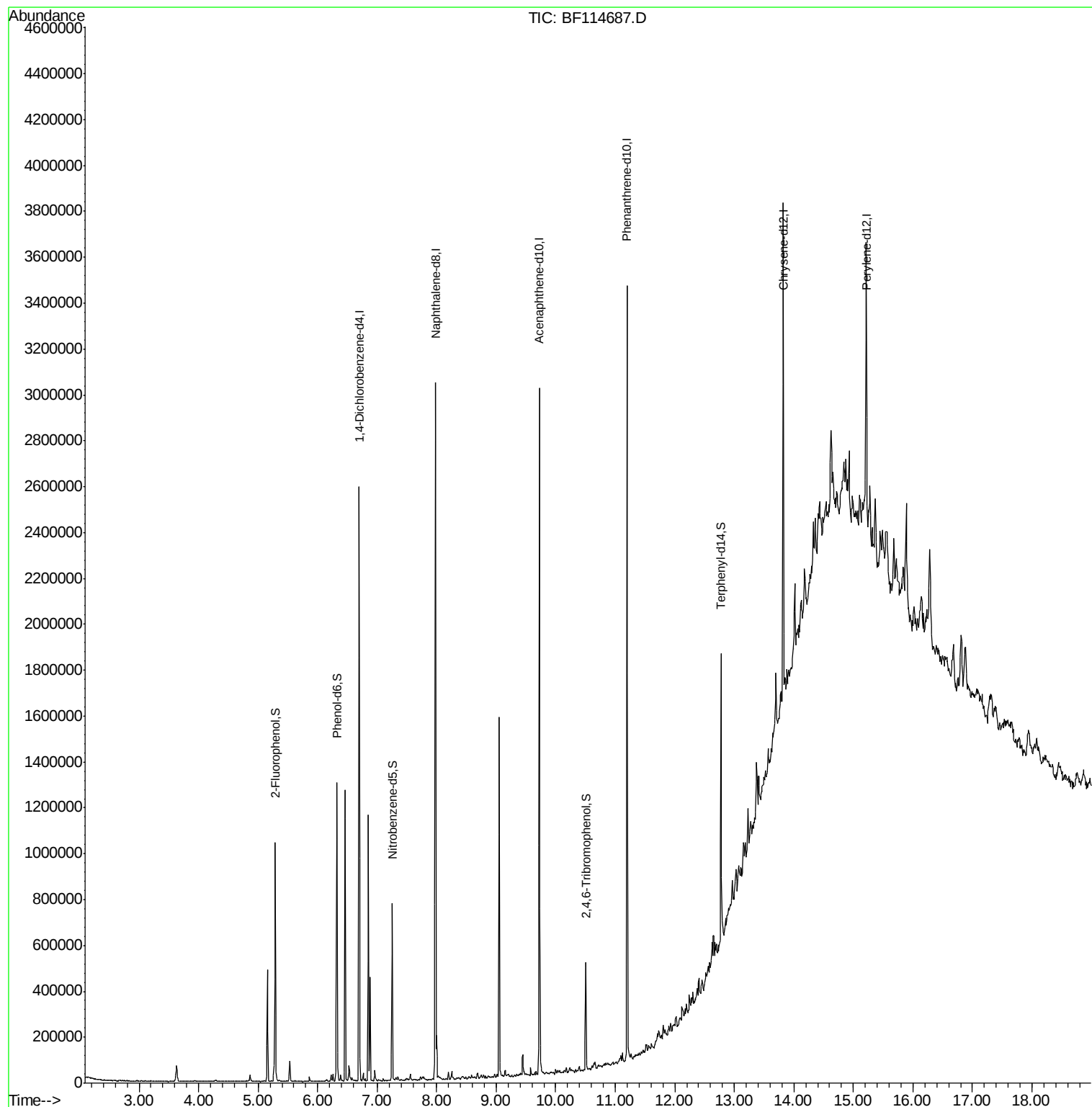
Target Compounds Qvalue

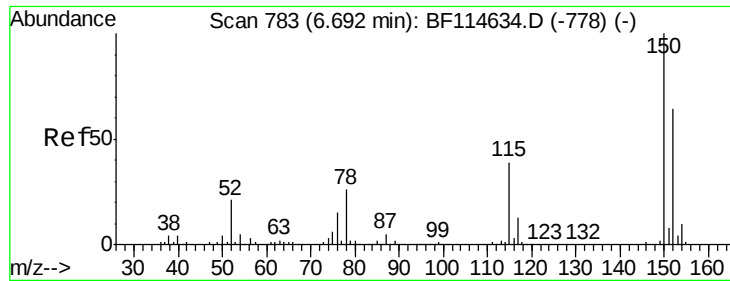
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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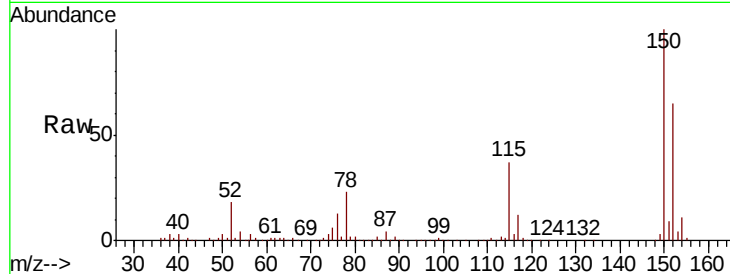


#1

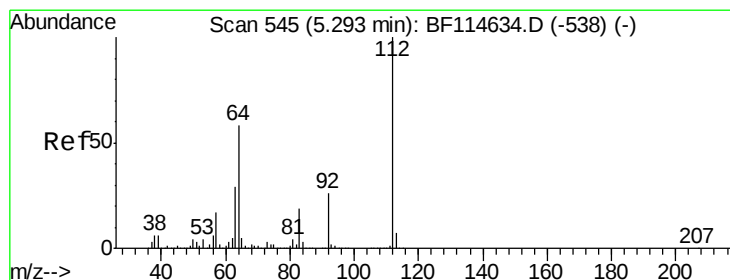
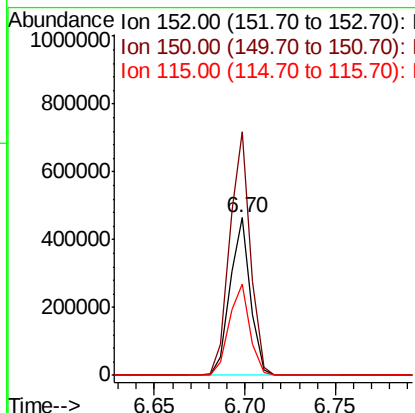
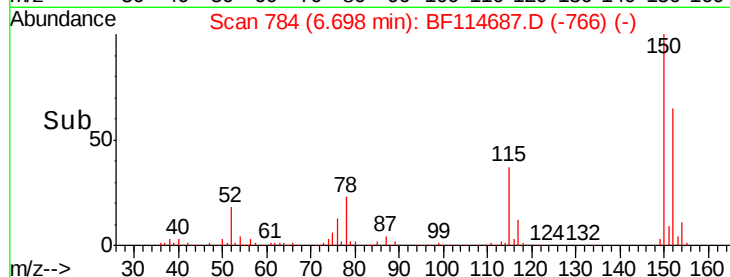
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114687.D
 Acq: 31 May 2019 3:24

Instrument :
 BNA_F
 ClientSampleId :
 B-14-COMP

Tot Ion:152 Resp: 363378
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.4 186.6
 115 57.7 48.7 73.1



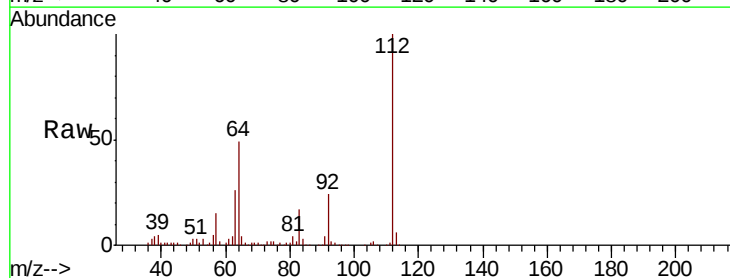
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



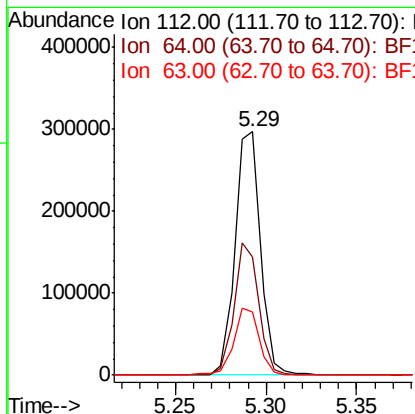
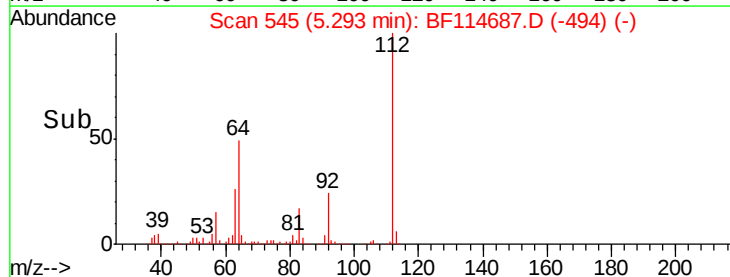
#5

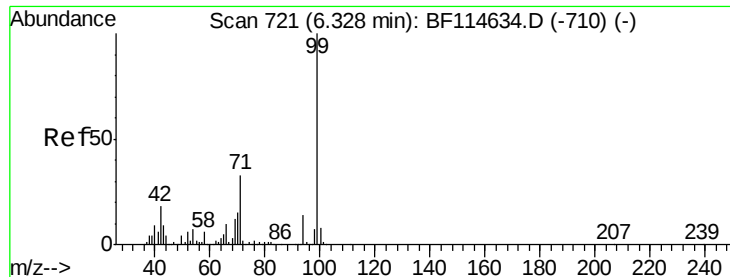
2-Fluorophenol
 Concen: 14.045 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF114687.D
 Acq: 31 May 2019 3:24

Tgt Ion:112 Resp: 290691
 Ion Ratio Lower Upper
 112 100
 64 48.8 46.1 69.1
 63 25.8 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: 16.103 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114687.D

Acq: 31 May 2019 3:24

Instrument :

BNA_F

ClientSampleId :

B-14-COMP

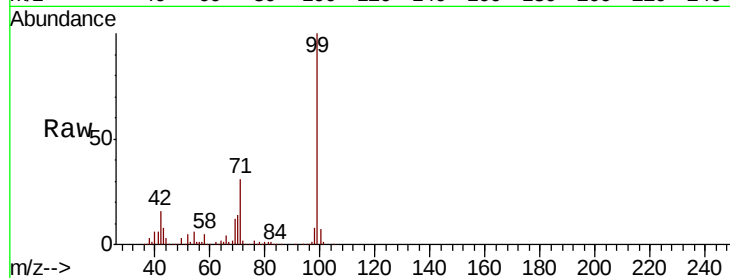
Tot Ion: 99 Resp: 401612

Ion Ratio Lower Upper

99 100

42 15.7 14.7 22.1

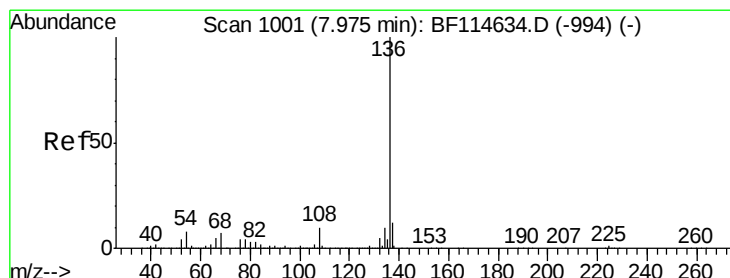
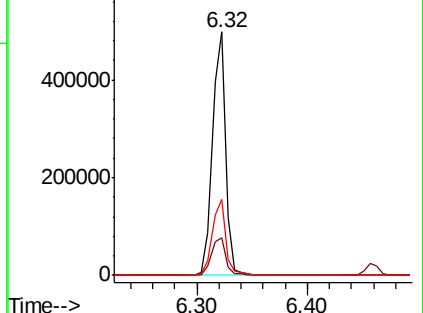
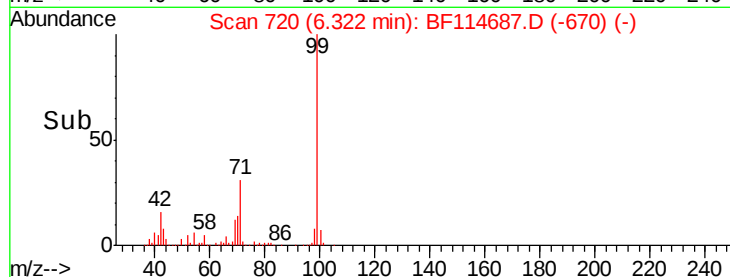
71 31.3 26.6 40.0



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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114687.D

Acq: 31 May 2019 3:24

Tgt Ion: 136 Resp: 1342327

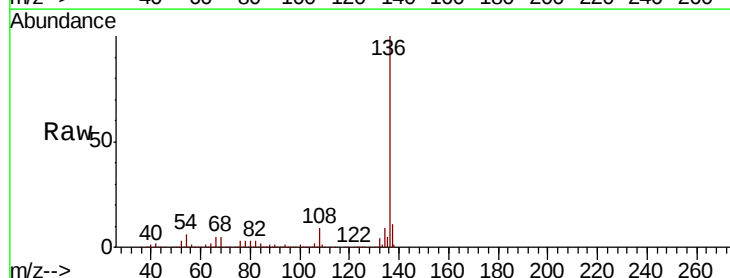
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.5 6.3 9.5

68 5.4 5.4 8.0

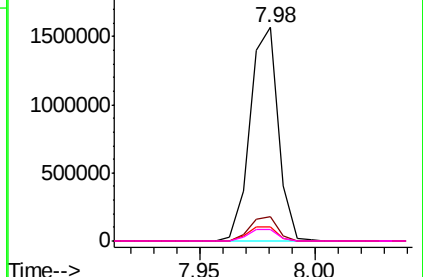
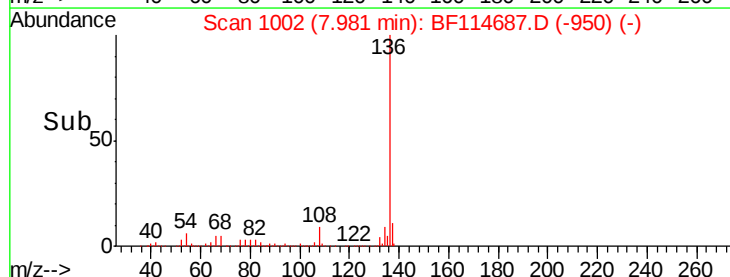


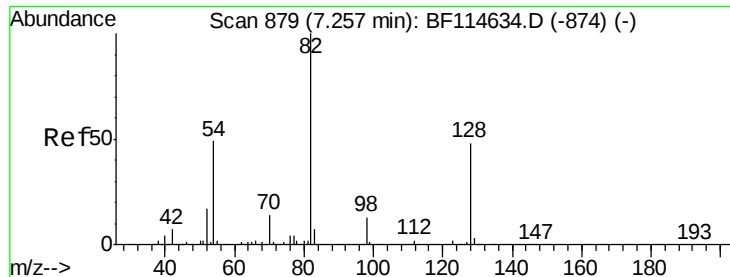
Abundance Ion 136.00 (135.70 to 136.70): E

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

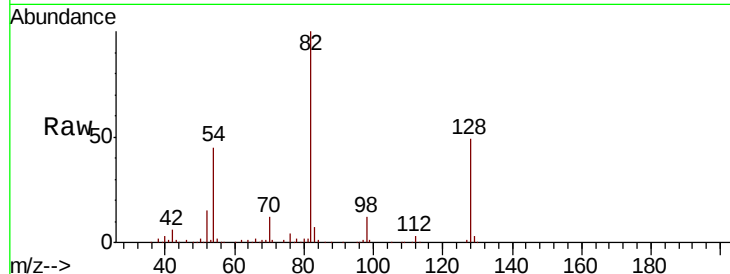




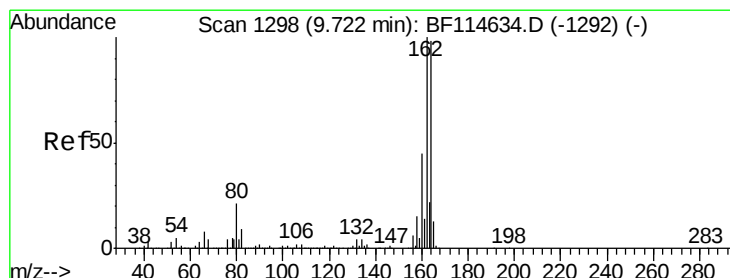
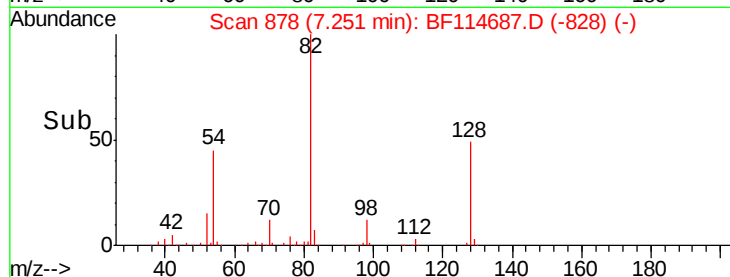
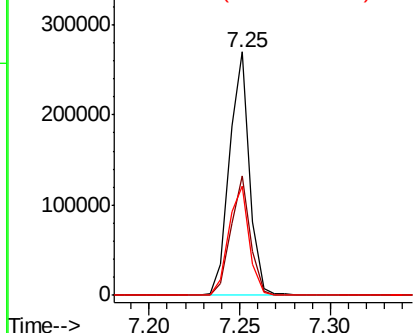
#23
Nitrobenzene-d5
Concen: 9.689 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114687.D
Acq: 31 May 2019 3:24

Instrument :
BNA_F
ClientSampleId :
B-14-COMP

Tot Ion	82	Resp	208460
Ion Ratio	Lower	Upper	
82	100		
128	49.2	38.5	57.7
54	44.9	39.1	58.7

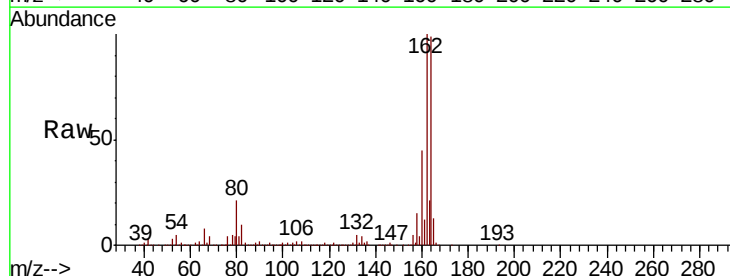


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

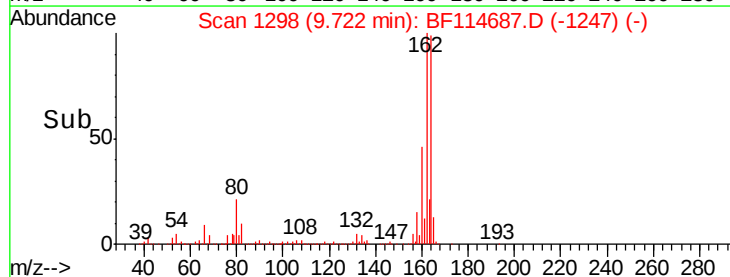
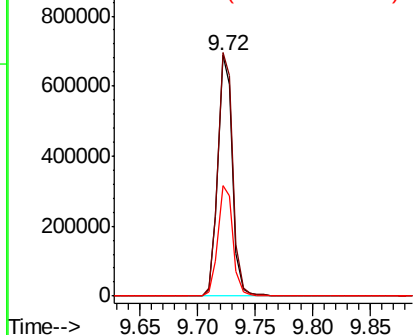


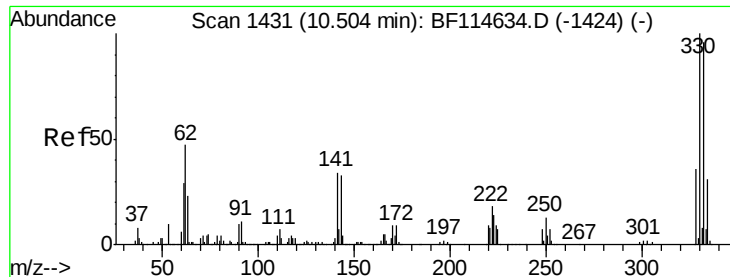
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114687.D
Acq: 31 May 2019 3:24

Tgt Ion	164	Resp	605636
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.4	122.2
160	46.1	36.6	54.8



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

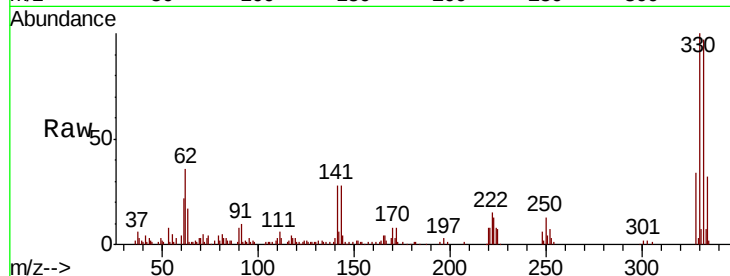




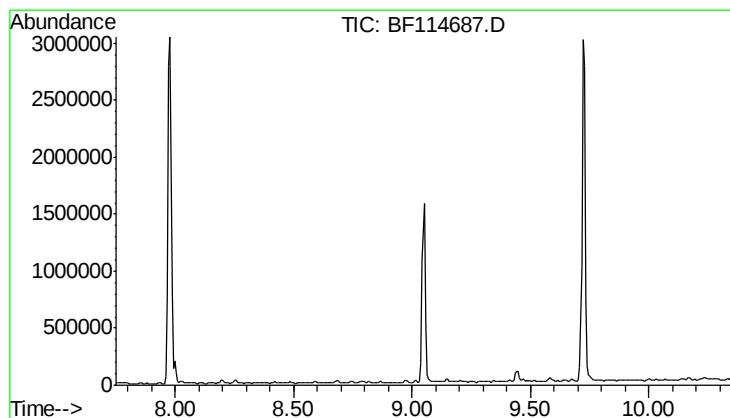
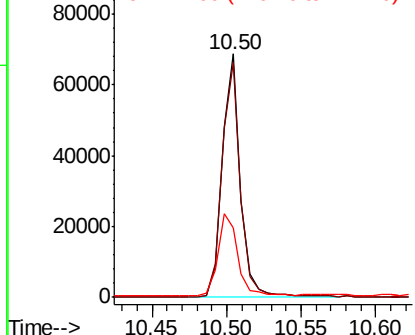
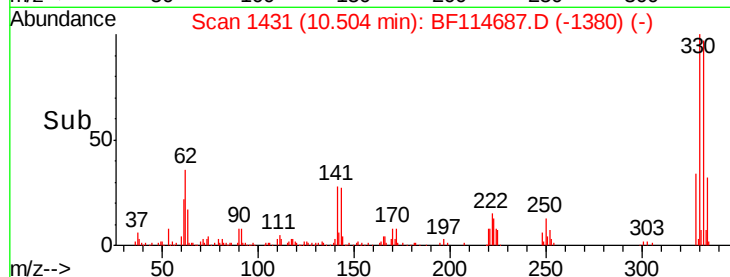
#42
 2,4,6-Tribromophenol
 Concen: 10.216 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114687.D
 Acq: 31 May 2019 3:24

Instrument :
 BNA_F
 ClientSampleId :
 B-14-COMP

Tot Ion:330 Resp: 58953
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.8 113.8
 141 36.7 27.8 41.8

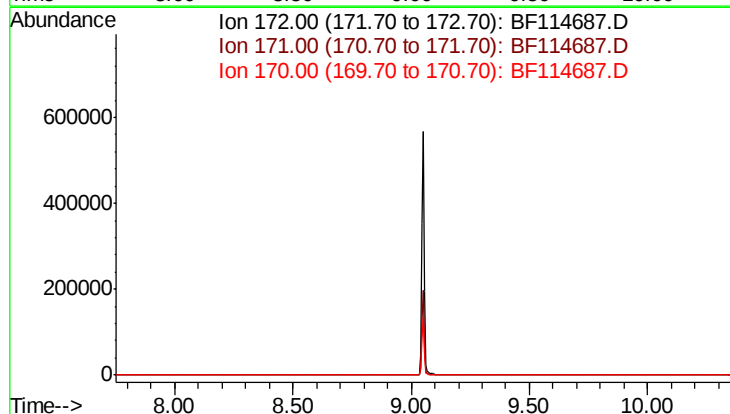


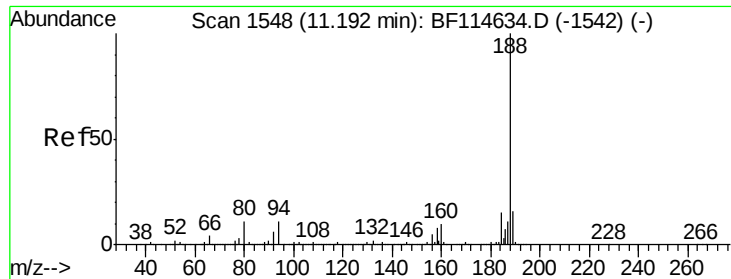
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.05 min
 Lab File: BF114687.D
 Acq: 31 May 2019 3:24

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.2
 170 25.9

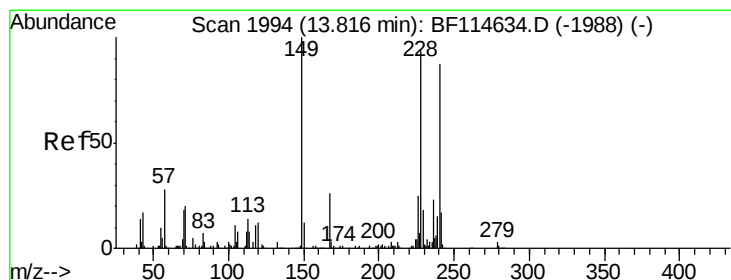
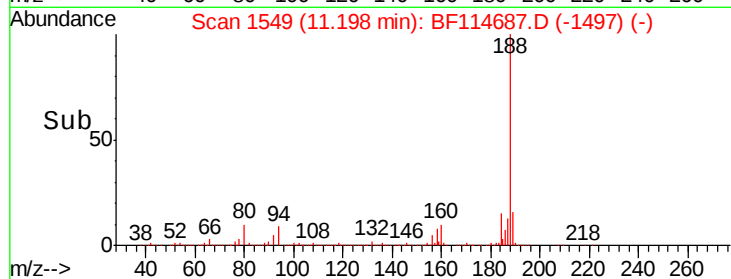
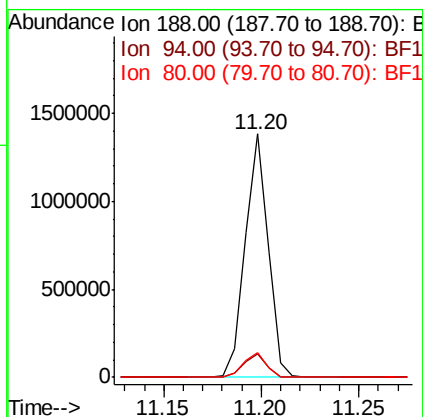
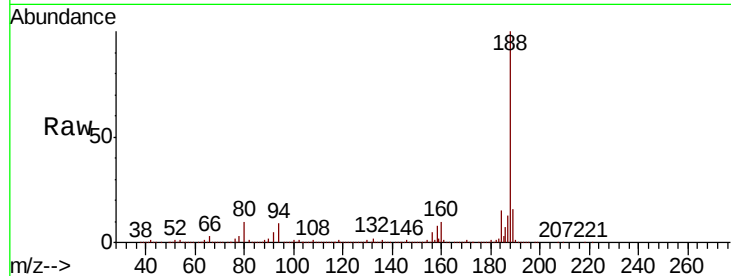




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114687.D
Acq: 31 May 2019 3:24

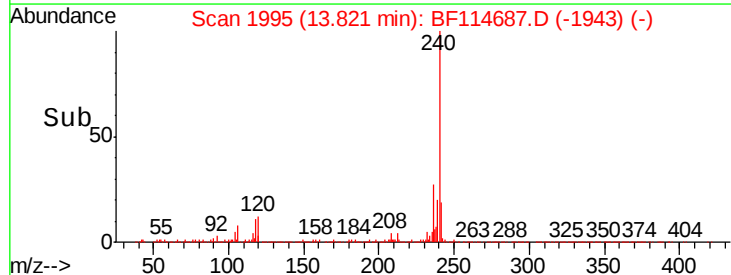
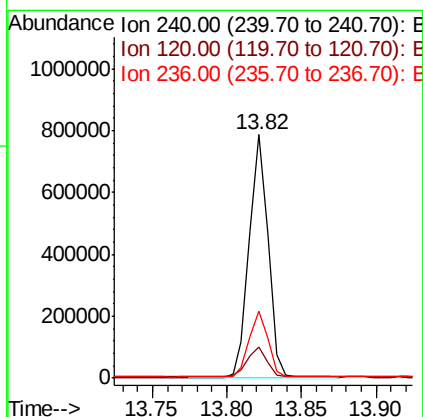
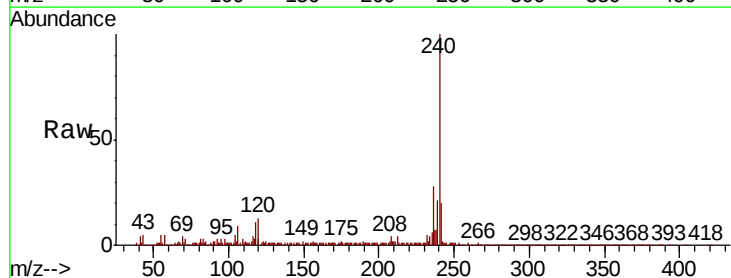
Instrument :
BNA_F
ClientSampleId :
B-14-COMP

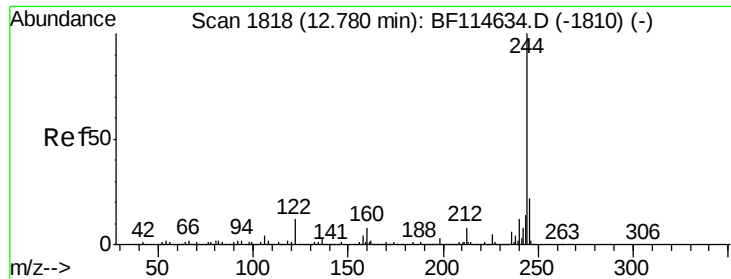
Tot Ion:188 Resp: 1124838
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 10.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114687.D
Acq: 31 May 2019 3:24

Tgt Ion:240 Resp: 684268
Ion Ratio Lower Upper
240 100
120 12.6 11.2 16.8
236 27.7 21.2 31.8





#79

Terphenyl-d14

Concen: 11.127 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114687.D

Acq: 31 May 2019 3:24

Instrument :

BNA_F

ClientSampleId :

B-14-COMP

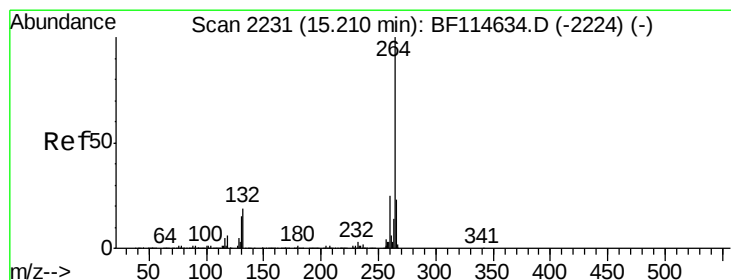
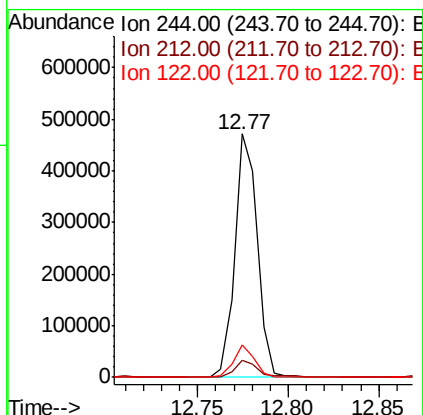
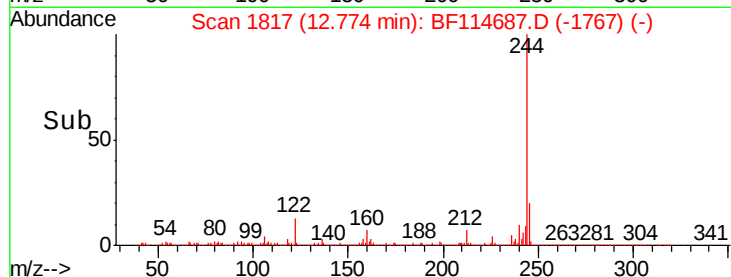
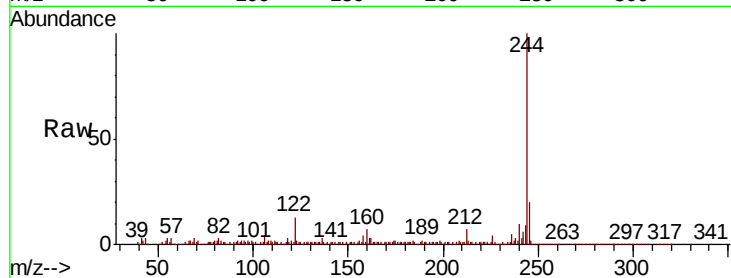
Tot Ion:244 Resp: 404978

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 13.1 9.8 14.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF114687.D

Acq: 31 May 2019 3:24

Tgt Ion:264 Resp: 573665

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 23.8 18.1 27.1

