

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112749.D
 Acq On : 28 Feb 2019 5:57
 Operator : JU/SJ
 Sample : K1614-03 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Quant Time: Feb 28 06:49:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199486	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	750504	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	334371	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	666052	20.00	ng	0.00
76) Chrysene-d12	13.87	240	491662	20.00	ng	0.00
87) Perylene-d12	15.28	264	359671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	89671	6.99	ng	0.00
7) Phenol-d6	6.36	99	76918	4.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	212979	16.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	62716	17.67	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	439439	11.09	ng	0.00
79) Terphenyl-d14	12.83	244	455741	17.97	ng	0.00

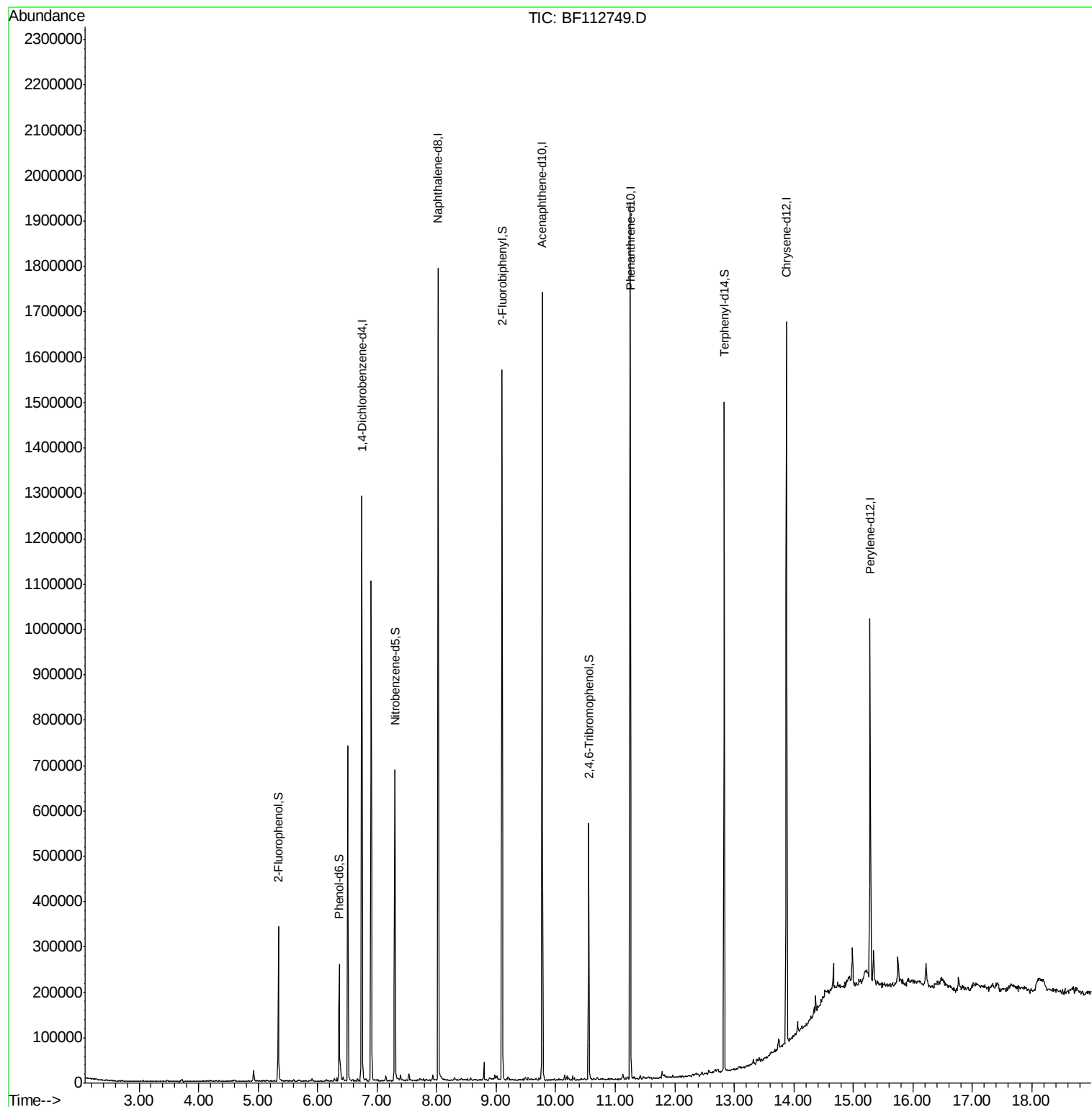
Target Compounds Qvalue

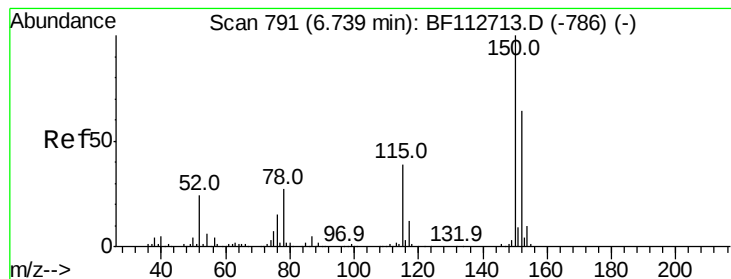
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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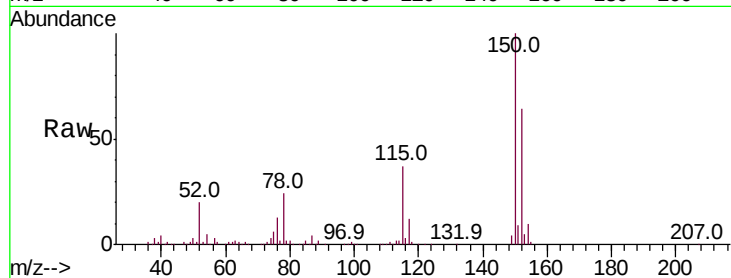


#1

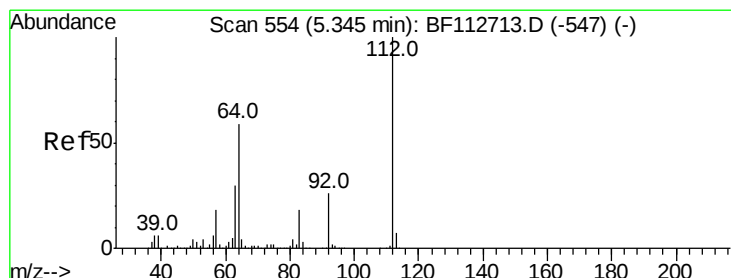
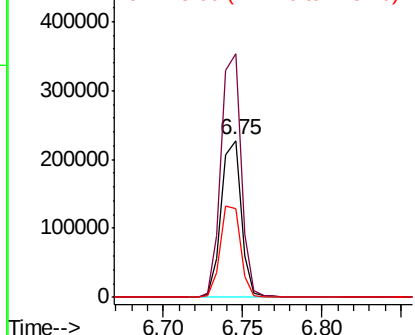
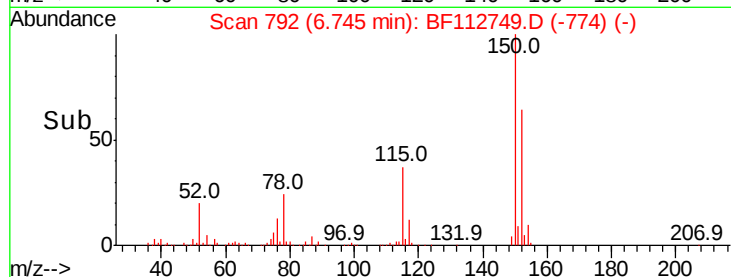
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Instrument :
BNA_F
ClientSampled :
TI-633

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	56.7	48.2	72.4



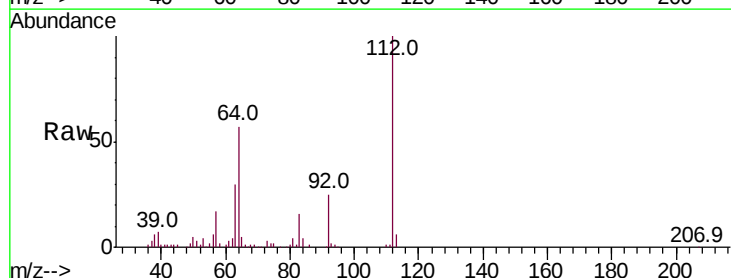
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



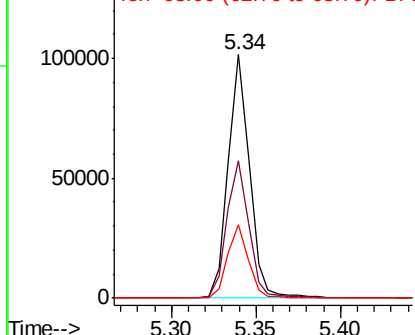
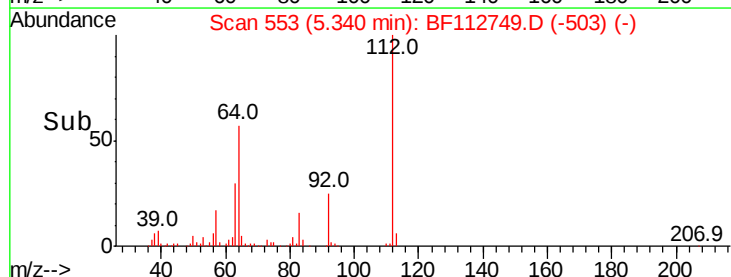
#5

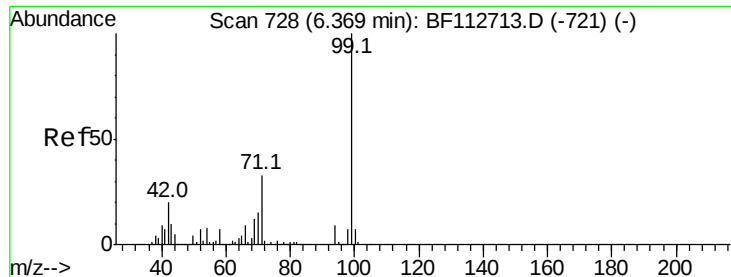
2-Fluorophenol
Concen: 6.992 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.6	71.4
63	29.9	24.4	36.6



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: 4.775 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampleId :

TI-633

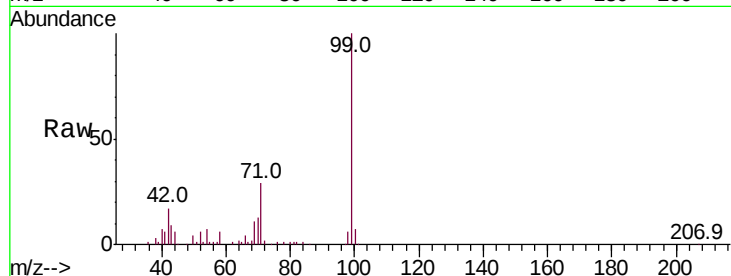
Tot Ion: 99 Resp: 76918

Ion Ratio Lower Upper

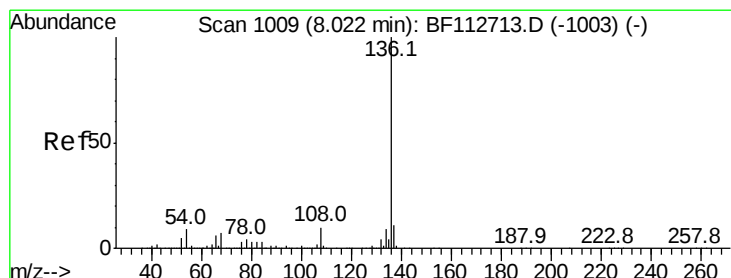
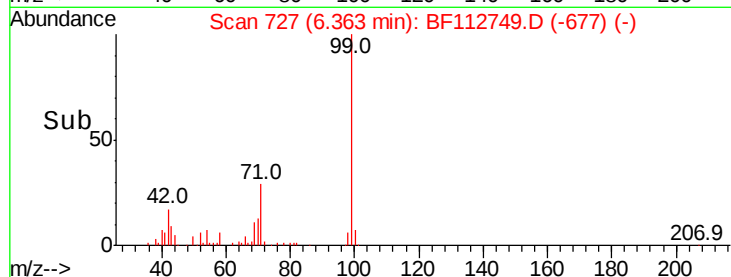
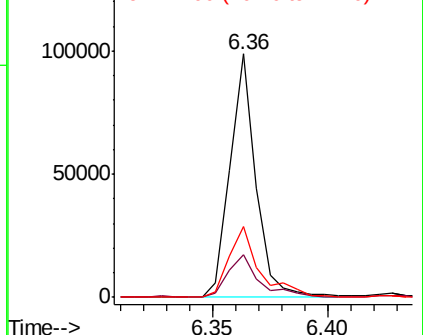
99 100

42 17.5 16.3 24.5

71 29.0 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Tgt Ion: 136 Resp: 750504

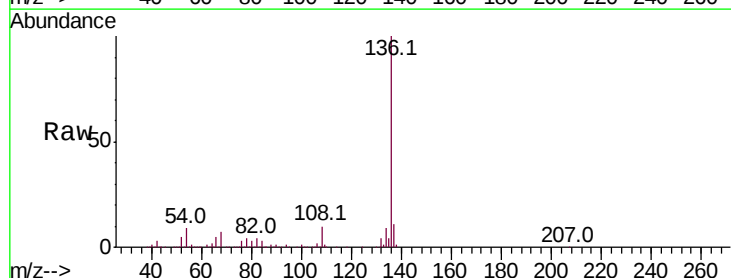
Ion Ratio Lower Upper

136 100

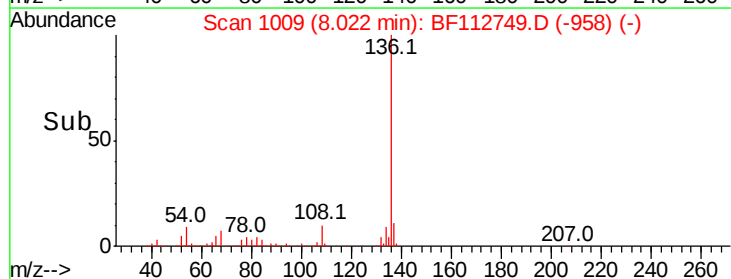
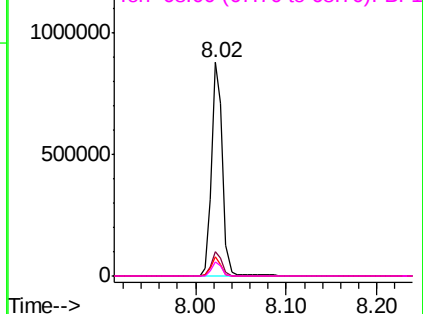
137 11.3 8.9 13.3

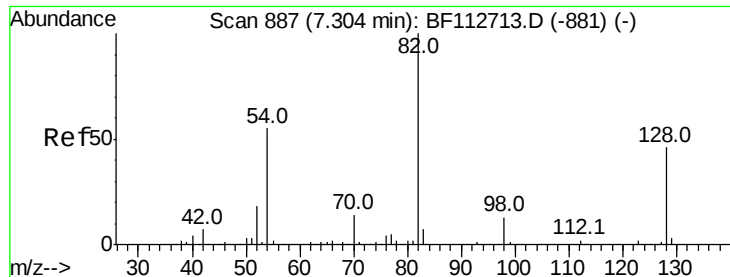
54 9.1 7.3 10.9

68 6.8 5.4 8.2



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

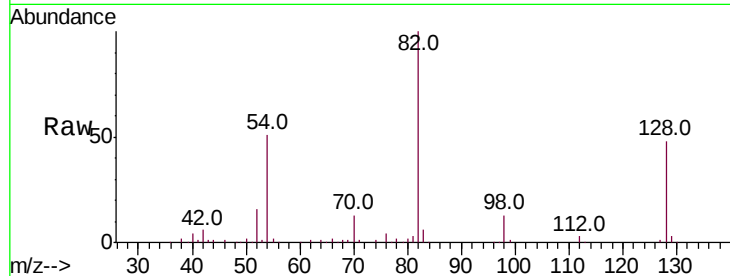




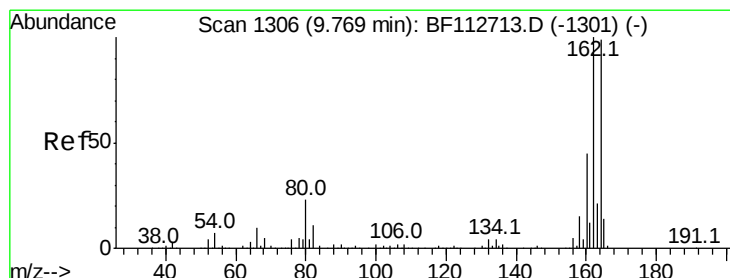
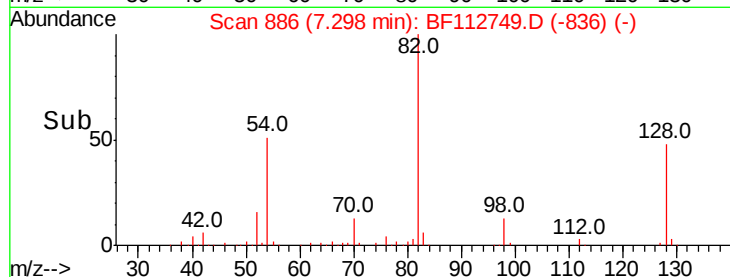
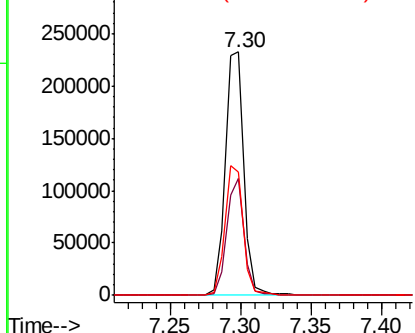
#23
Nitrobenzene-d5
Concen: 16.981 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion: 82 Resp: 212979
Ion Ratio Lower Upper
82 100
128 47.8 36.3 54.5
54 50.8 43.7 65.5

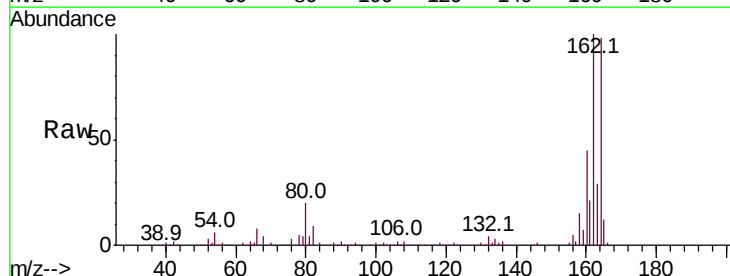


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

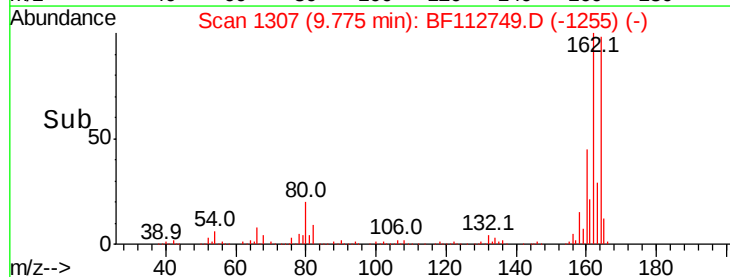
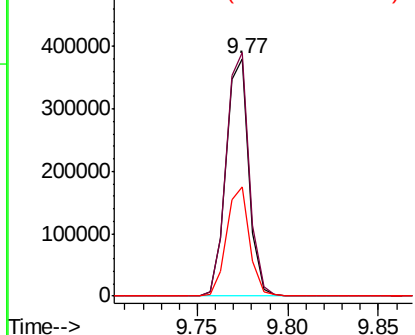


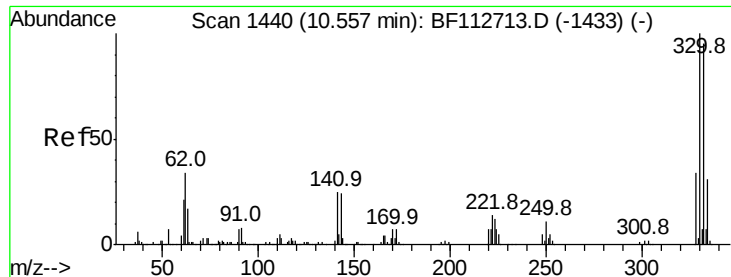
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Tgt Ion:164 Resp: 334371
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.0 36.0 54.0



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: 17.668 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampled :

TI-633

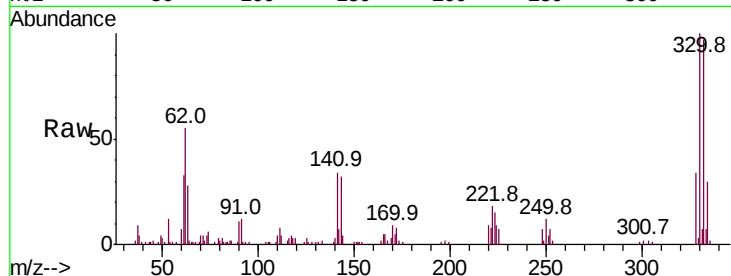
Tot Ion:330 Resp: 62716

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

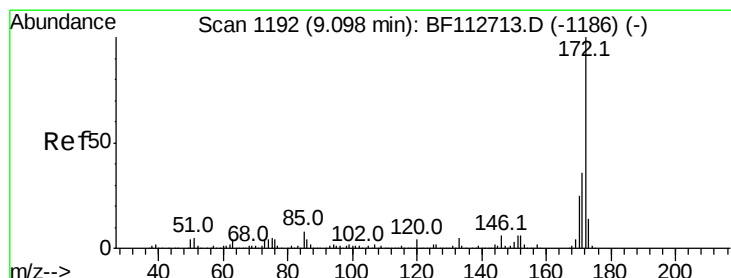
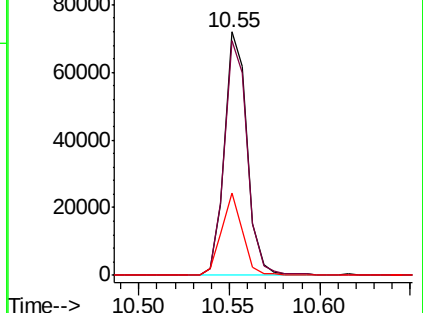
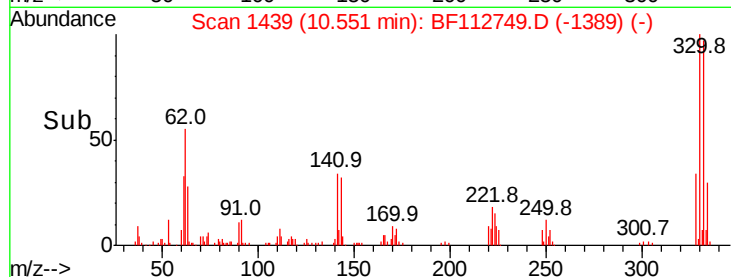
141 31.1 27.0 40.6



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: 11.089 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

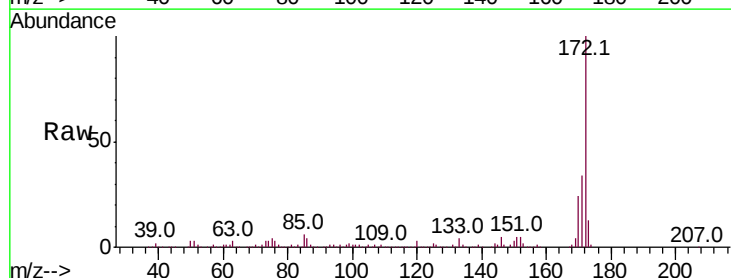
Tgt Ion:172 Resp: 439439

Ion Ratio Lower Upper

172 100

171 34.0 29.0 43.4

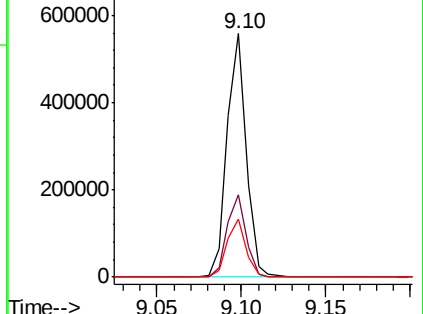
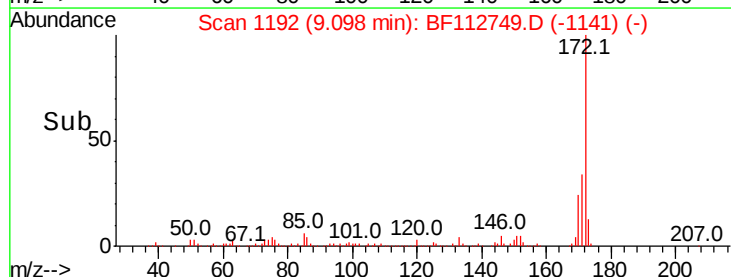
170 23.8 20.0 30.0

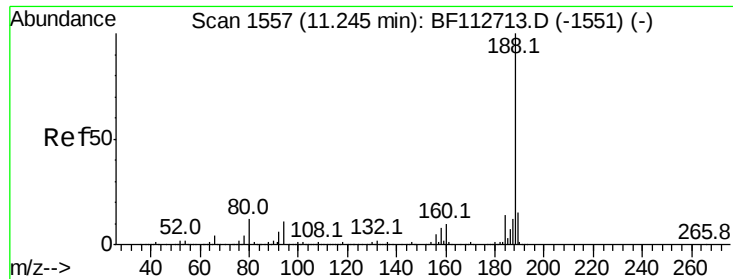


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampled :

TI-633

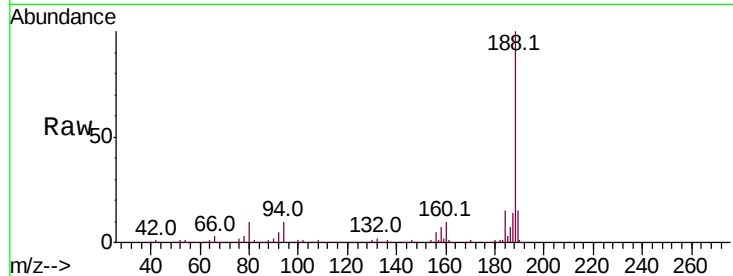
Tot Ion:188 Resp: 666052

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

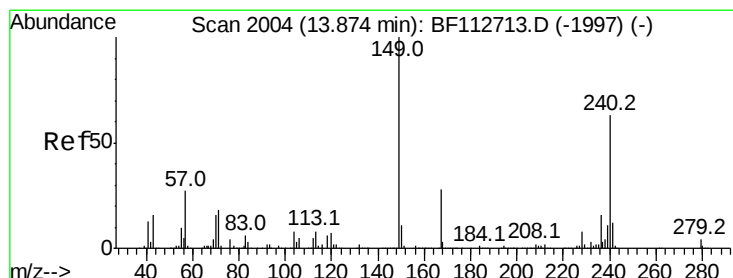
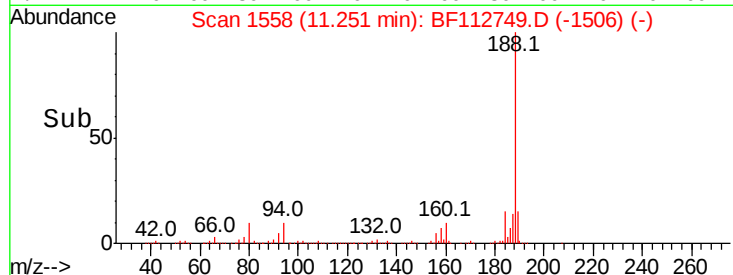
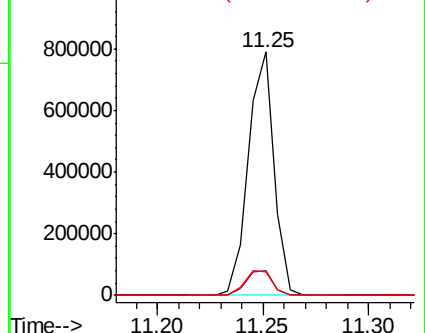
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

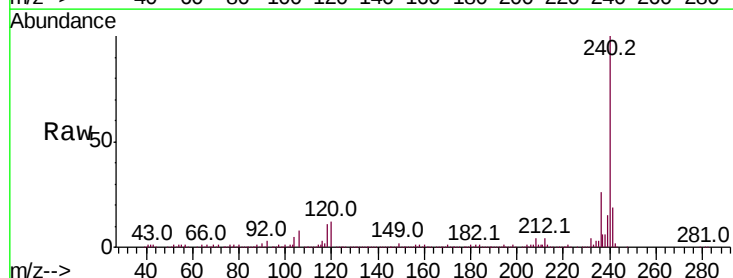
Tgt Ion:240 Resp: 491662

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

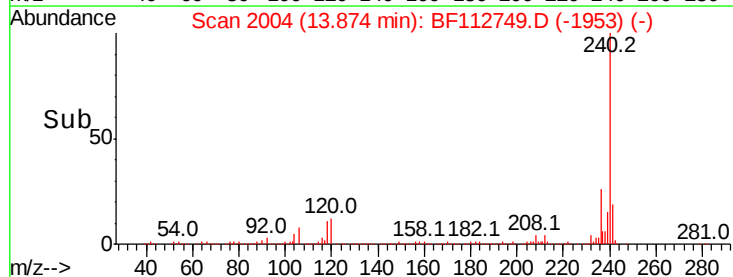
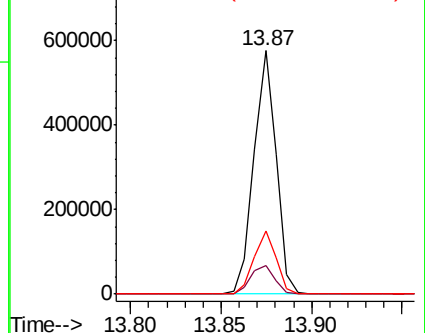
236 26.0 20.7 31.1

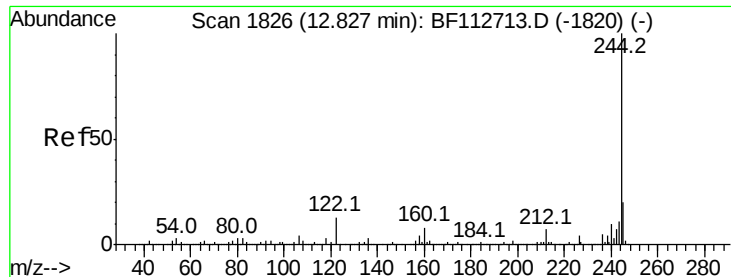


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 17.969 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampleId :

TI-633

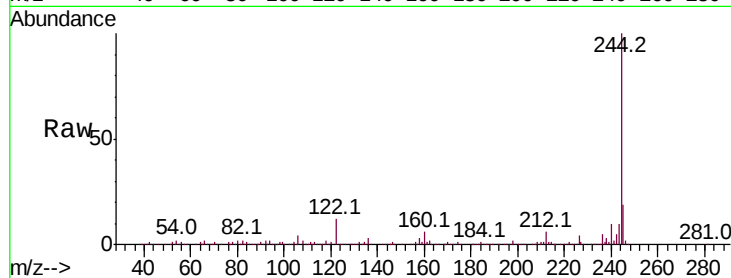
Tot Ion:244 Resp: 455741

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

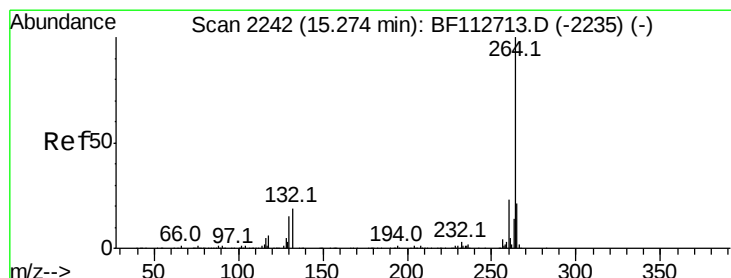
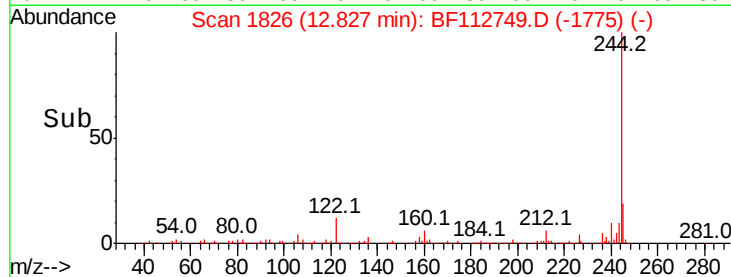
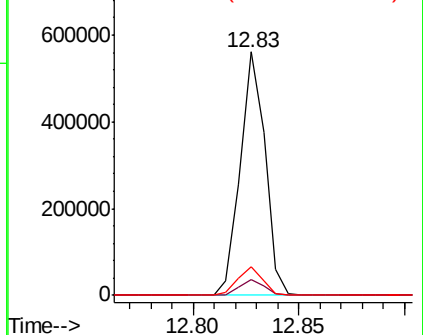
122 11.8 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

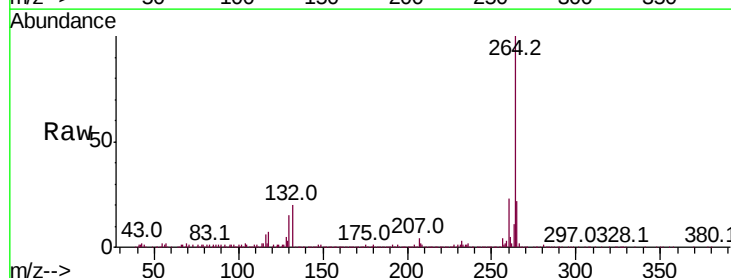
Tgt Ion:264 Resp: 359671

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.1 17.2 25.8



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

