

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 06:44:50 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

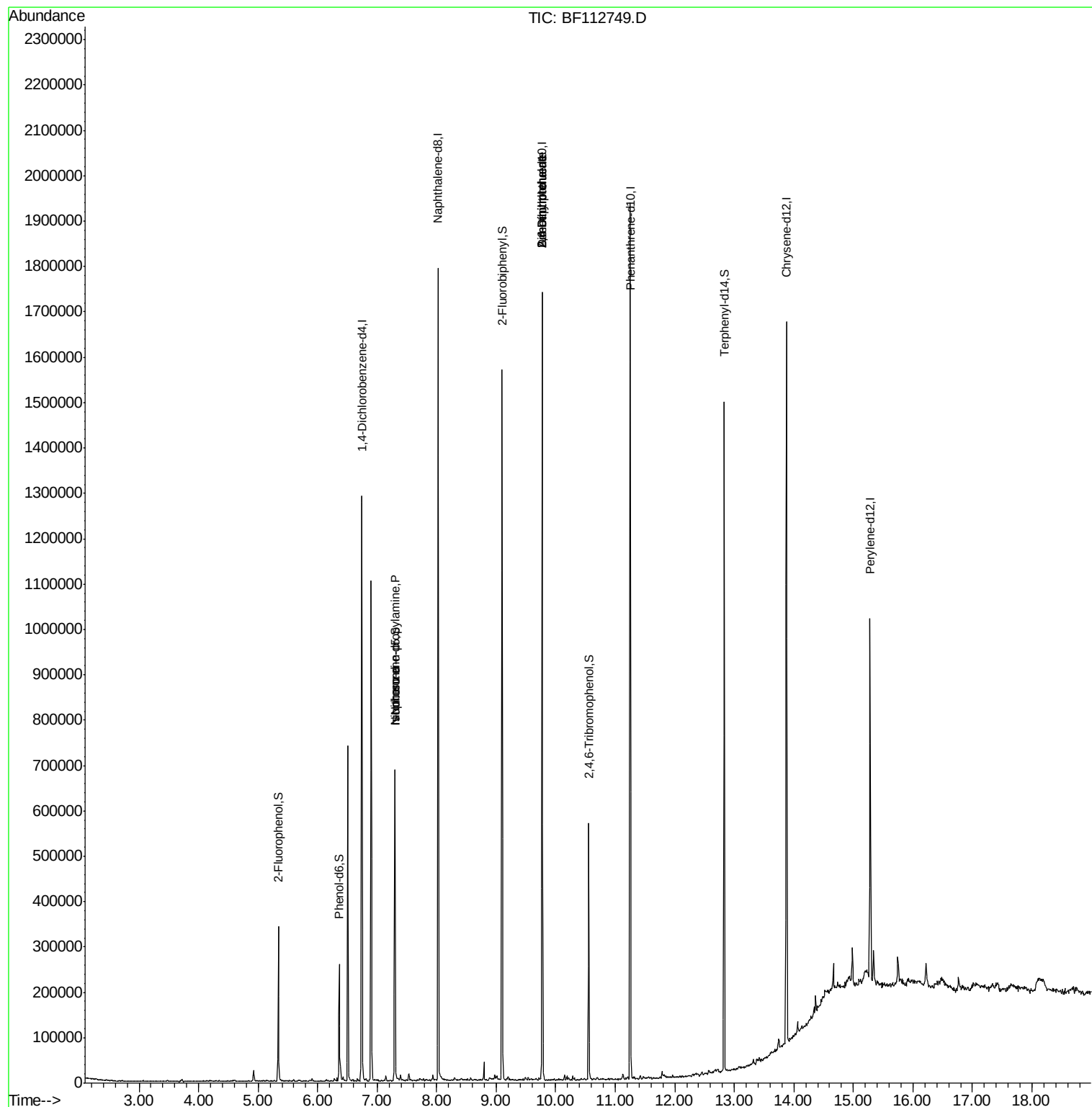
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199486	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	750504	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	334371	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	666052	20.00	ng	0.00
76) Chrysene-d12	13.87	240	491662	20.00	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						
19) n-Nitroso-di-n-propylamine	7.29	70	27294	2.675	ng	# 79
25) Isophorone	7.30	82	210739	7.799	ng	# 66
50) Dimethylphthalate	9.77	163	93143	3.778	ng	# 1
51) 2,6-Dinitrotoluene	9.77	165	43018	8.379	ng	# 19
57) 2,4-Dinitrotoluene	9.77	165	43018	6.741	ng	# 18

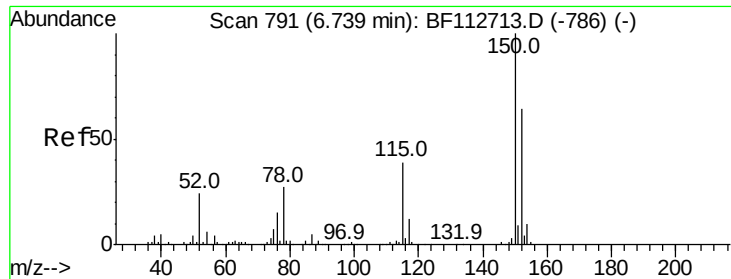
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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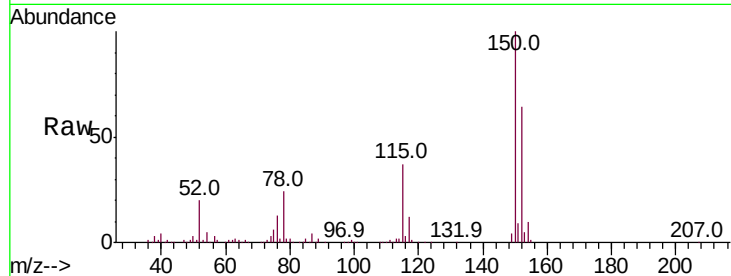


#1

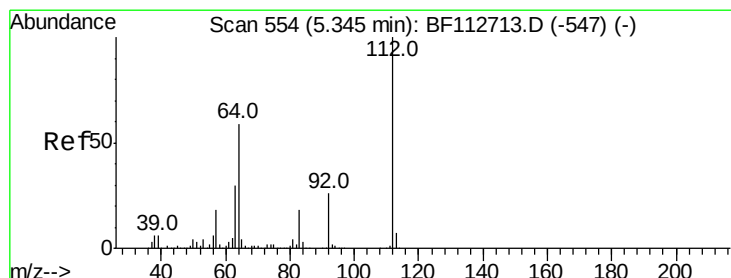
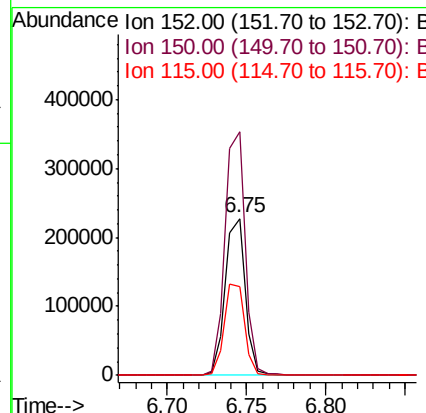
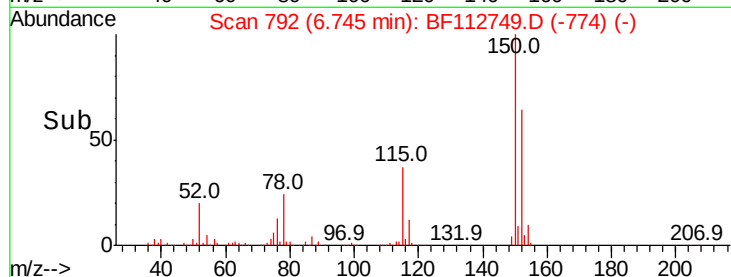
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Instrument :
BNA_F
ClientSampleId :
TI-633

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



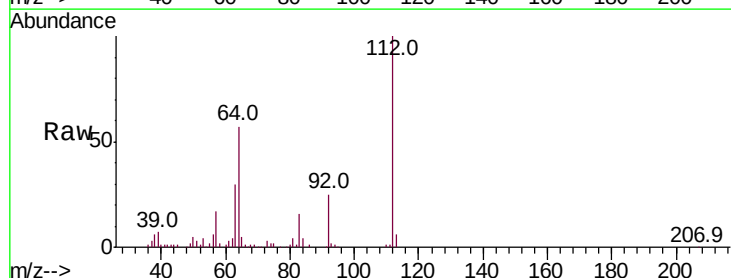
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



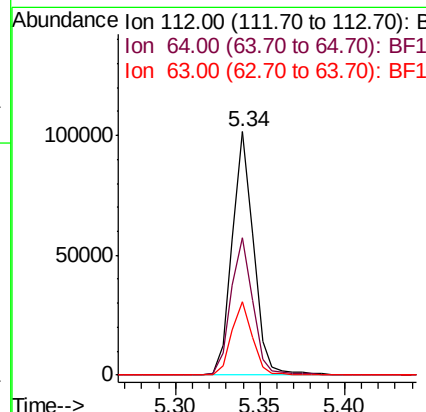
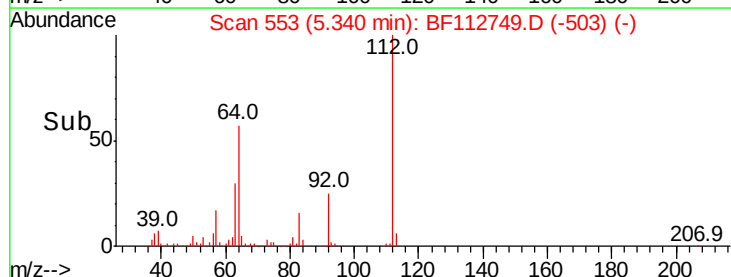
#5

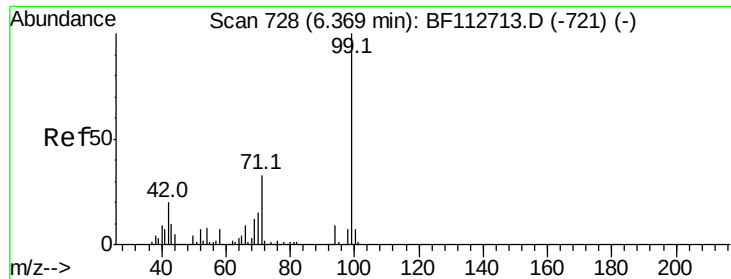
2-Fluorophenol
Concen: 6.992 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

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

ClientSampled :

TI-633

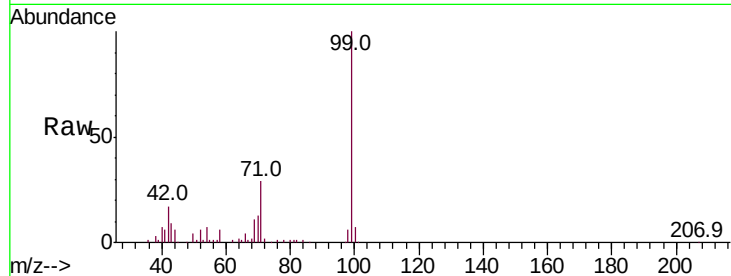
Tot Ion: 99 Resp: 76918

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

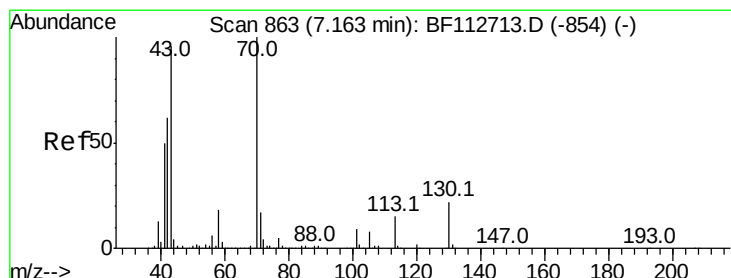
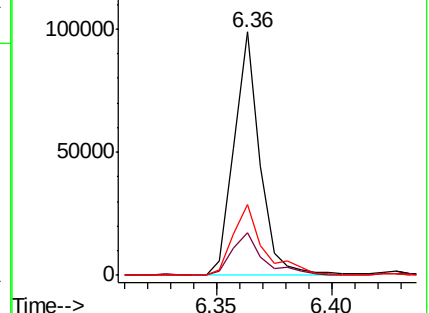
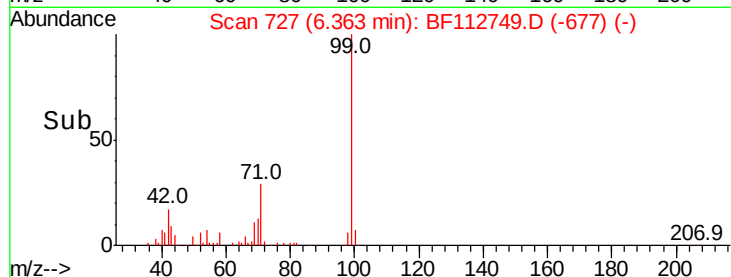
71 29.0 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.675 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Tgt Ion: 70 Resp: 27294

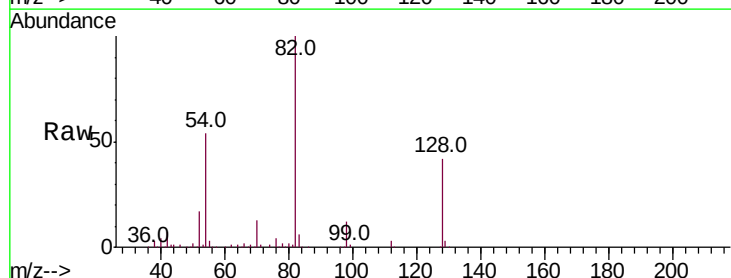
Ion Ratio Lower Upper

70 100

42 52.1 49.9 74.9

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

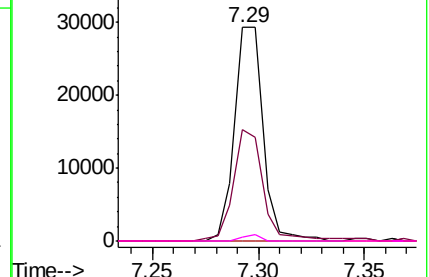
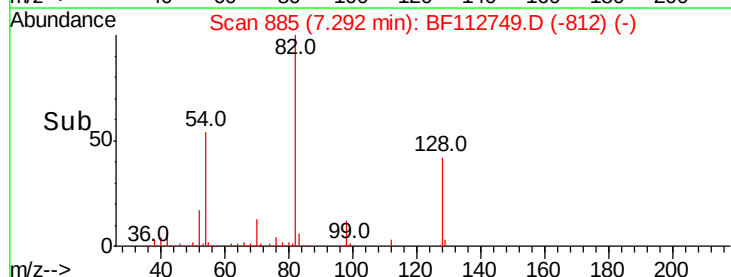


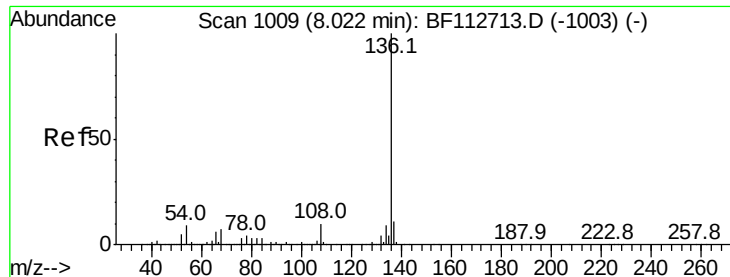
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

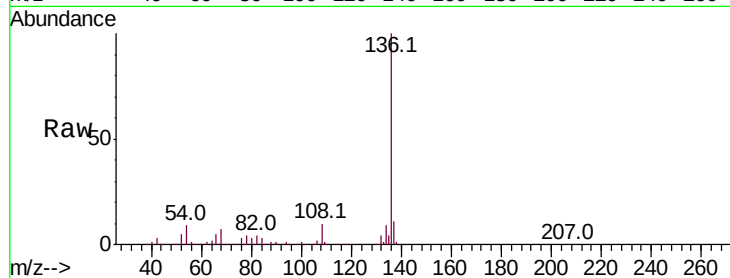




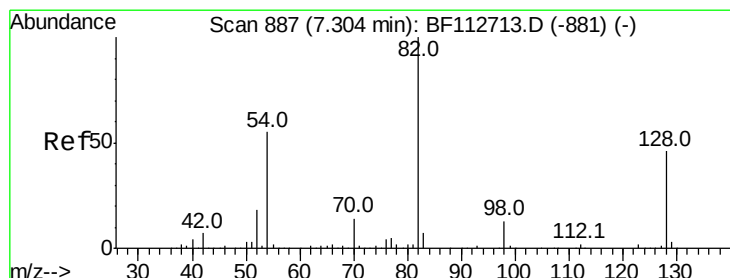
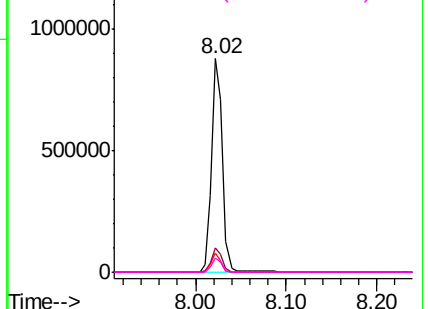
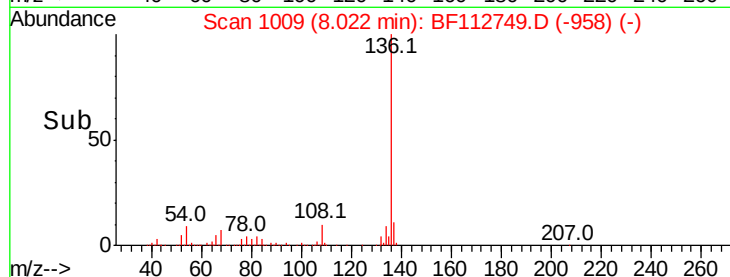
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot 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

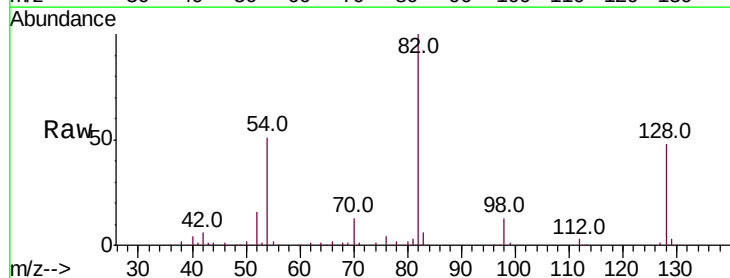


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

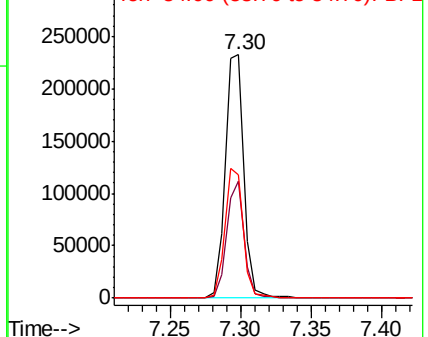
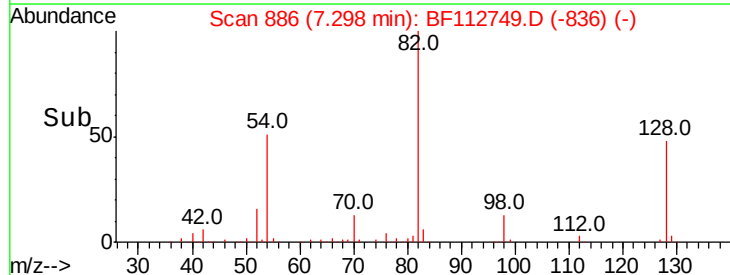


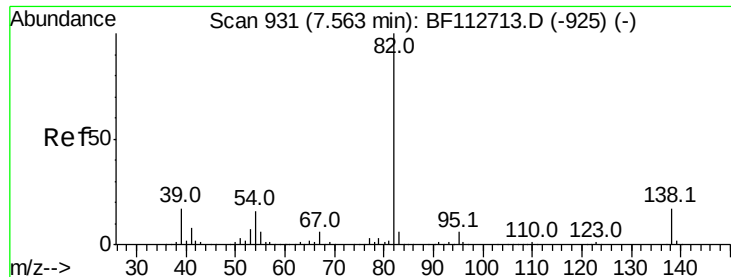
#23
Nitrobenzene-d5
Concen: 16.981 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112749.D
Acq: 28 Feb 2019 5:57

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.799 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampleId :

TI-633

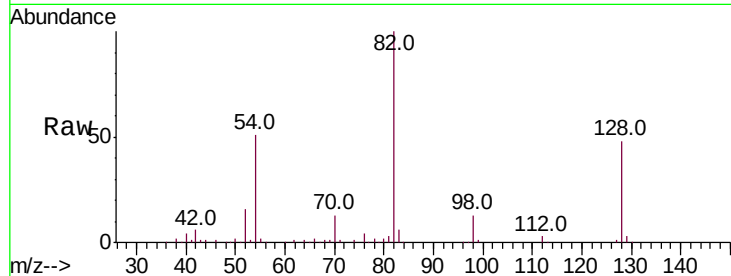
Tot Ion: 82 Resp: 210739

Ion Ratio Lower Upper

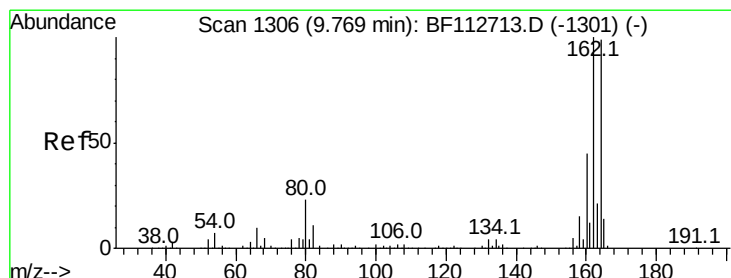
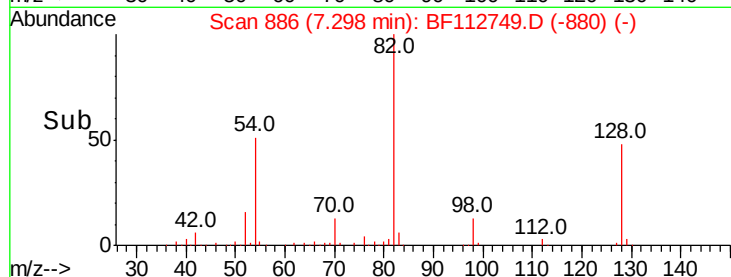
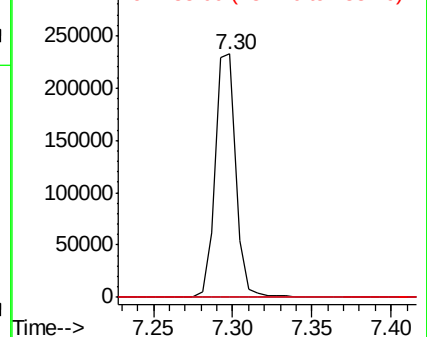
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): 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

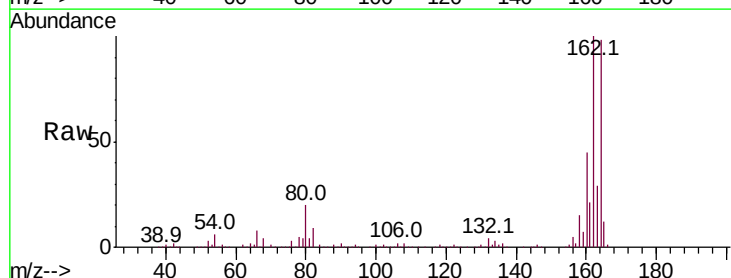
Tgt Ion:164 Resp: 334371

Ion Ratio Lower Upper

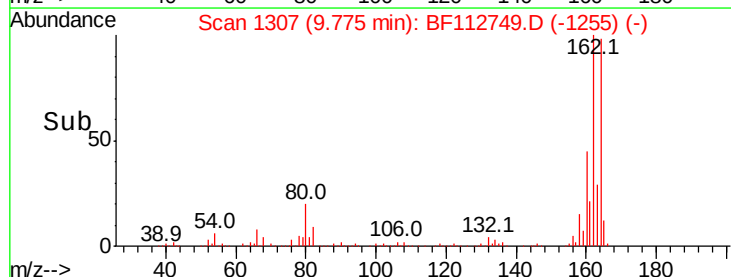
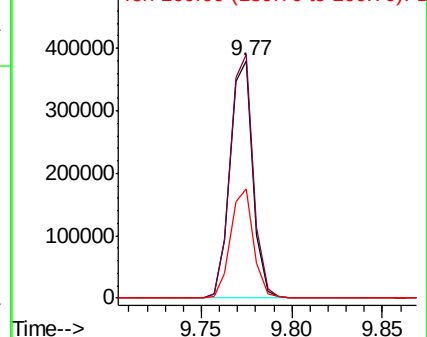
164 100

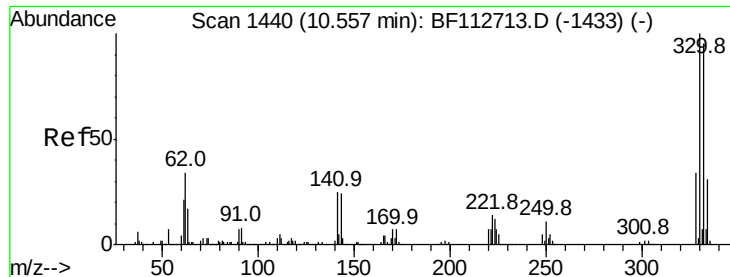
162 102.4 80.6 120.8

160 46.0 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

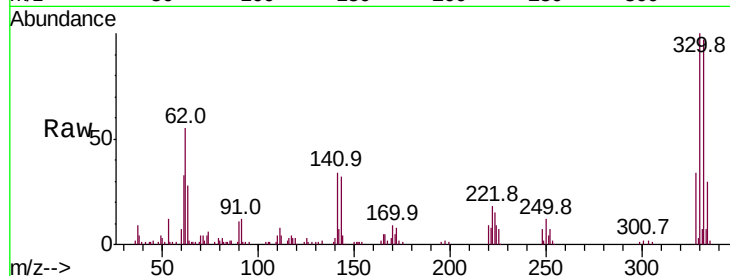
Tot Ion:330 Resp: 62716

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

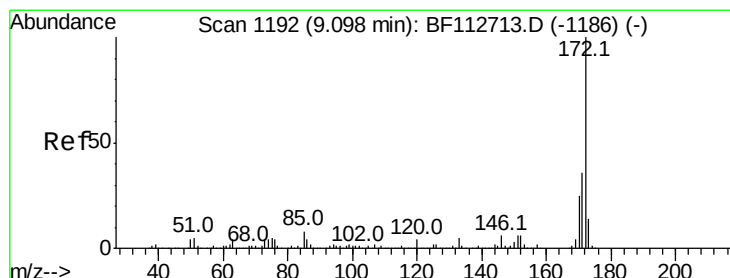
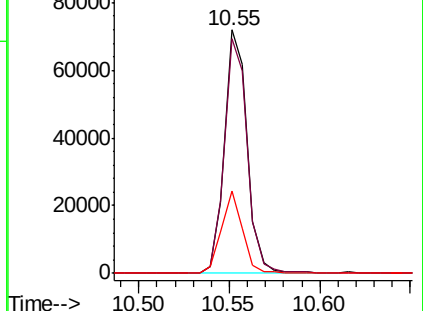
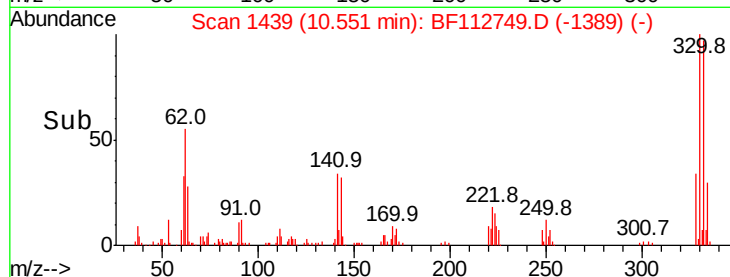
141 31.1 27.0 40.6



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

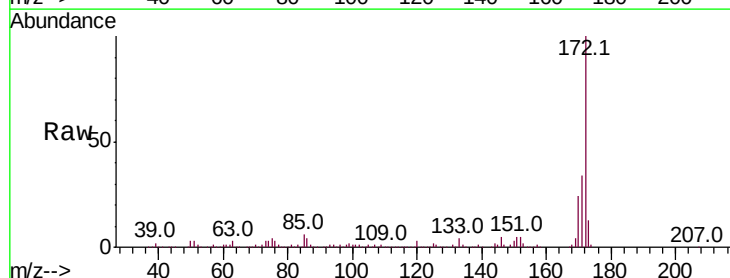
Tgt Ion:172 Resp: 439439

Ion Ratio Lower Upper

172 100

171 34.0 29.0 43.4

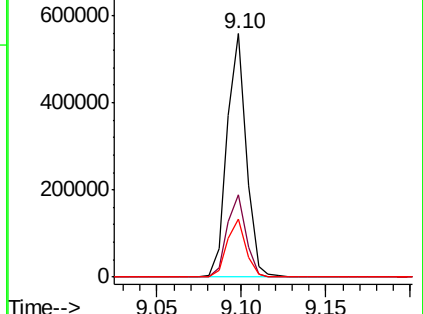
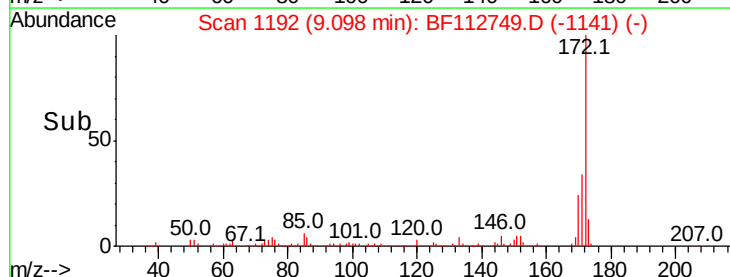
170 23.8 20.0 30.0

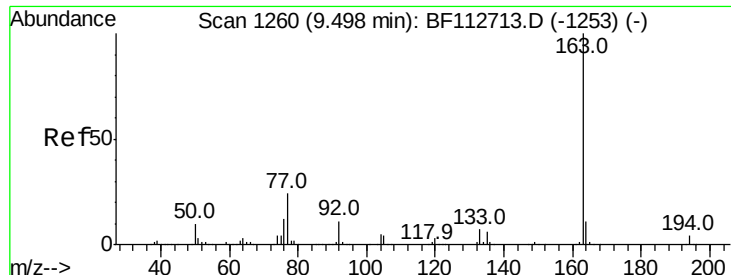


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.778 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.28 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampleId :

TI-633

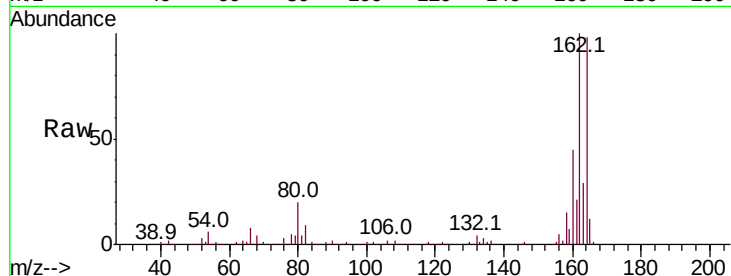
Tot Ion:163 Resp: 93143

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

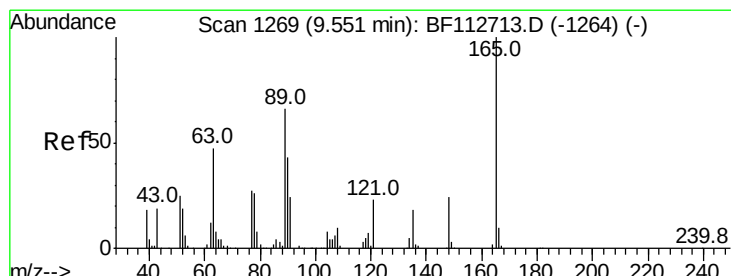
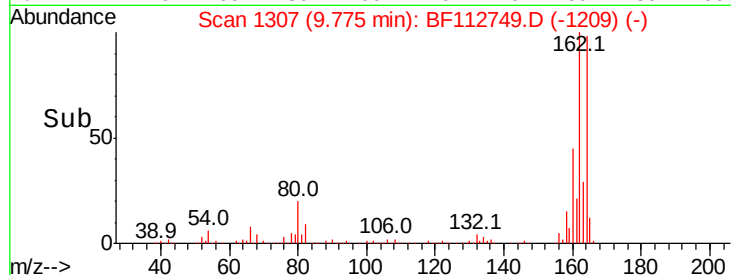
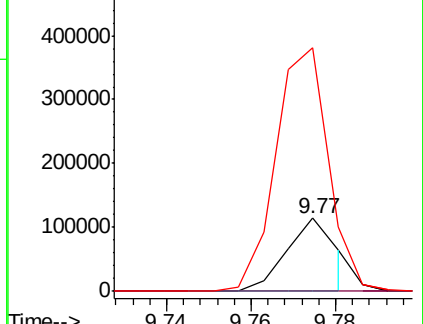
164 333.4 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.379 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.22 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

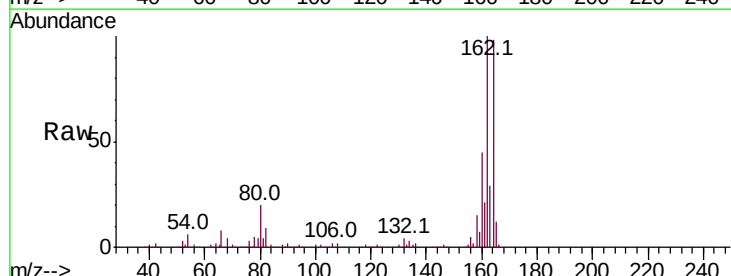
Tgt Ion:165 Resp: 43018

Ion Ratio Lower Upper

165 100

63 1.6 54.1 81.1#

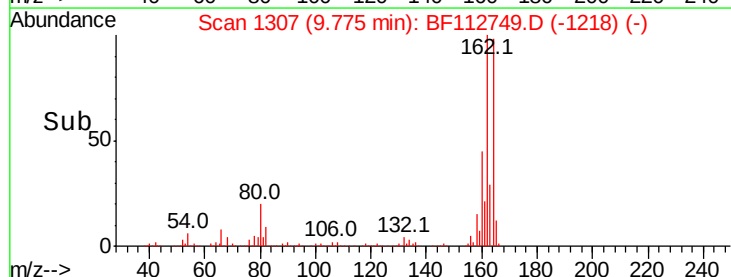
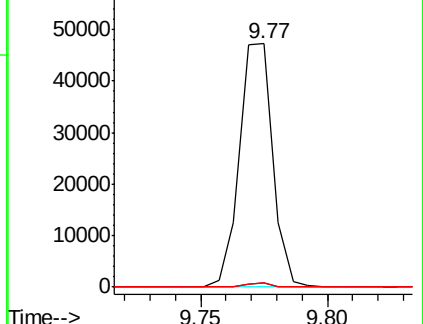
89 1.8 52.8 79.2#

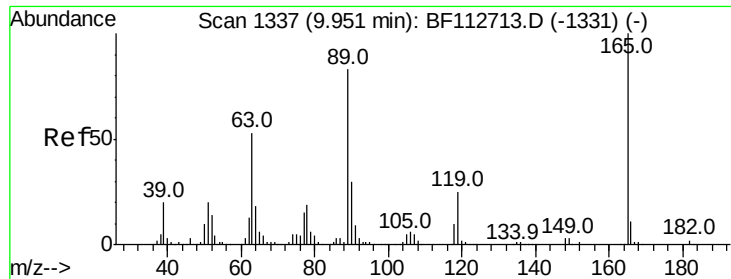


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.741 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.18 min

Lab File: BF112749.D

Acq: 28 Feb 2019 5:57

Instrument :

BNA_F

ClientSampleId :

TI-633

Tot Ion:165 Resp: 43018

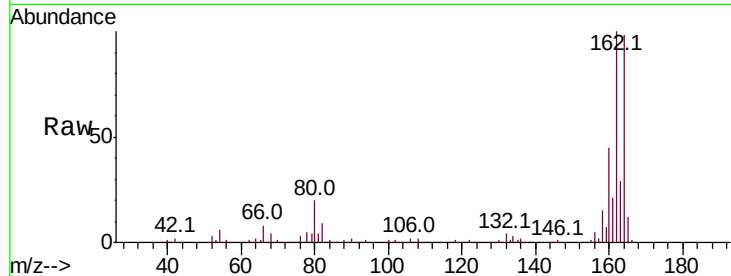
Ion Ratio Lower Upper

165 100

63 1.6 42.2 63.2#

89 1.8 66.2 99.4#

182 0.0 1.8 2.6#

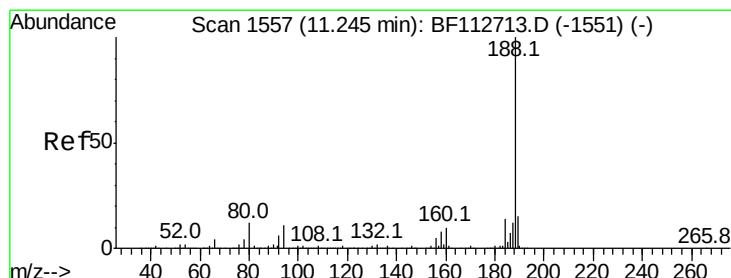
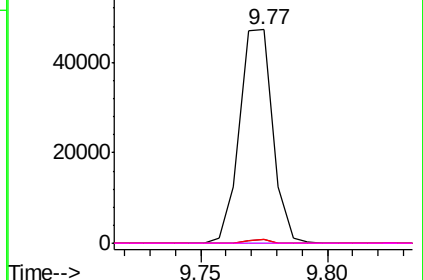
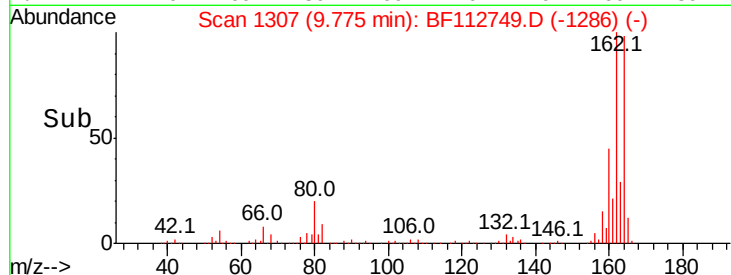


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

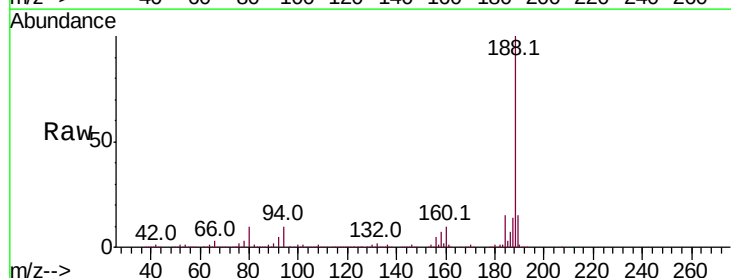
Tgt Ion:188 Resp: 666052

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

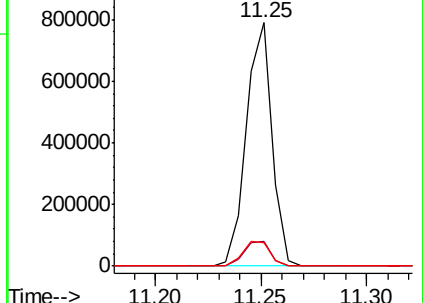
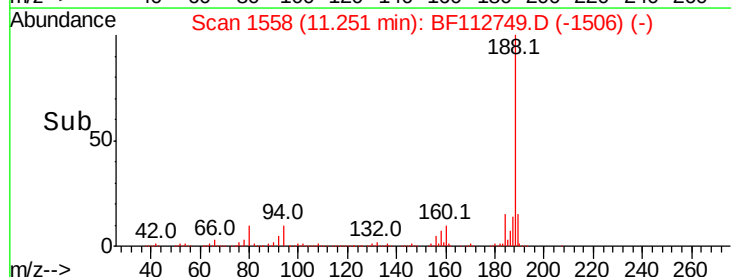
80 9.9 9.2 13.8

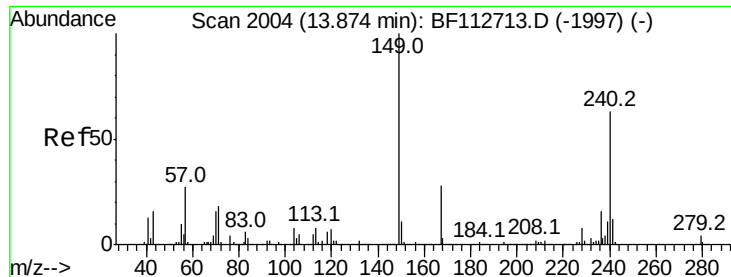


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

TI-633

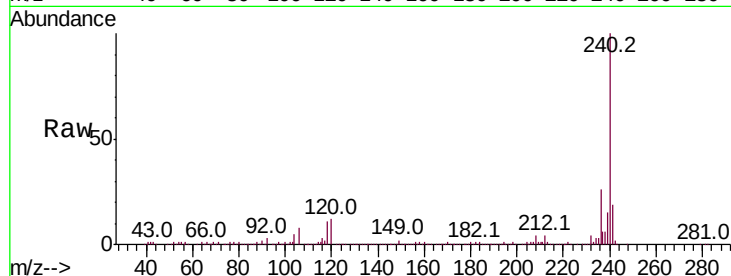
Tot Ion:240 Resp: 491662

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

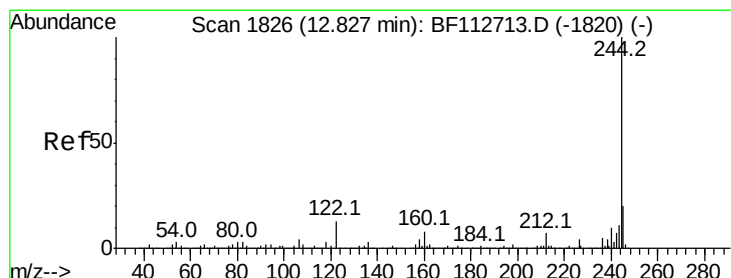
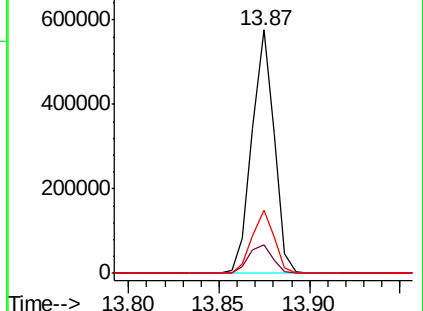
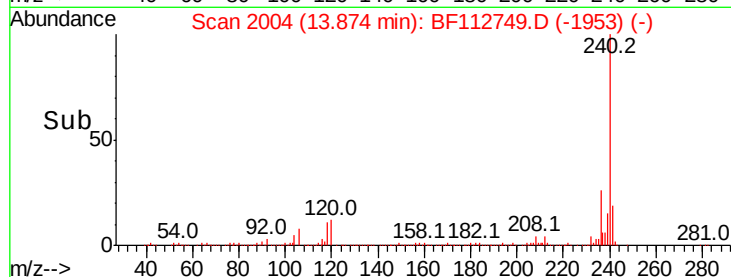
236 26.0 20.7 31.1



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

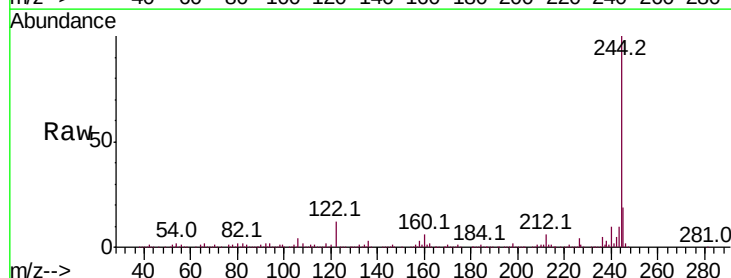
Tgt Ion:244 Resp: 455741

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

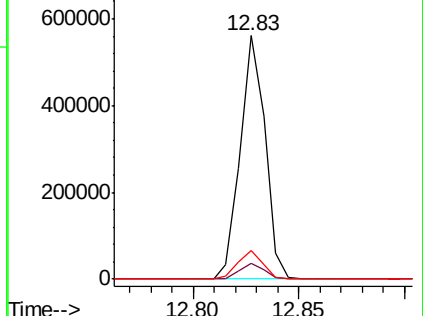
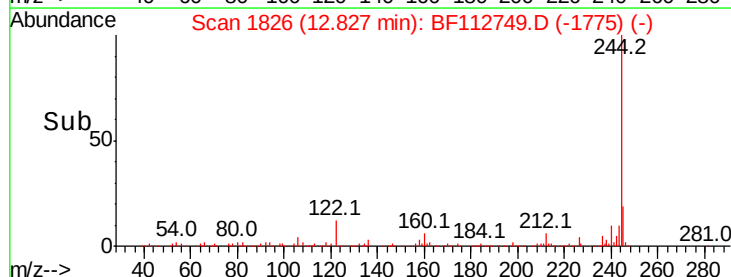
122 11.8 10.5 15.7

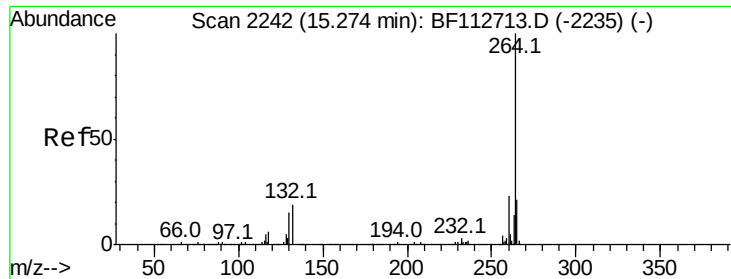


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.1	17.2	25.8

