

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099208.D
 Acq On : 7 Oct 2017 21:46
 Operator : SJ/JU
 Sample : I5587-01 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:40:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

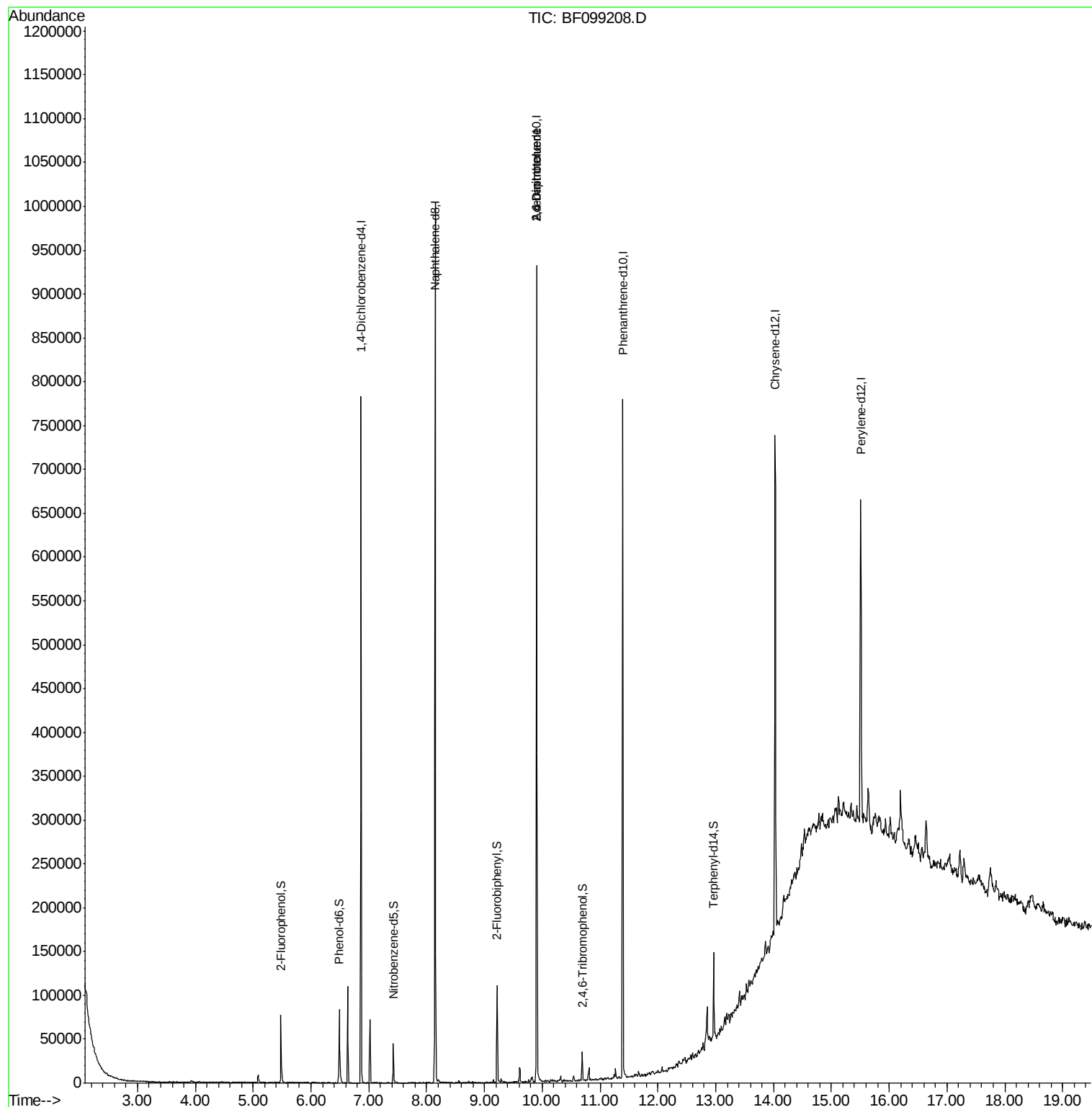
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115946	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	447043	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175675	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	272085	20.00	ng	0.00
75) Chrysene-d12	14.03	240	192480	20.00	ng	0.00
86) Perylene-d12	15.51	264	157436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	23483	3.22	ng	0.00
7) Phenol-d6	6.49	99	32216	3.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	15599	2.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	4022	2.80	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	36974	3.51	ng	-0.01
78) Terphenyl-d14	12.97	244	25631	3.03	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	22200	7.691	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	22200	5.926	ng	# 24

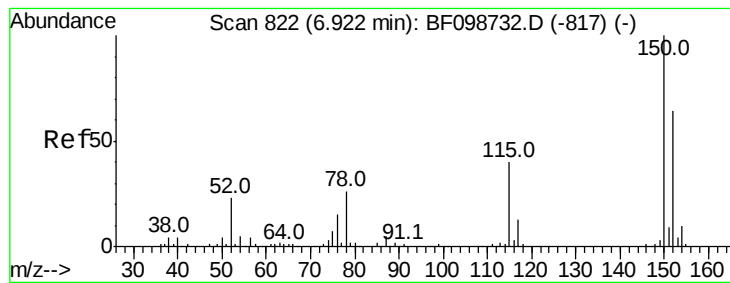
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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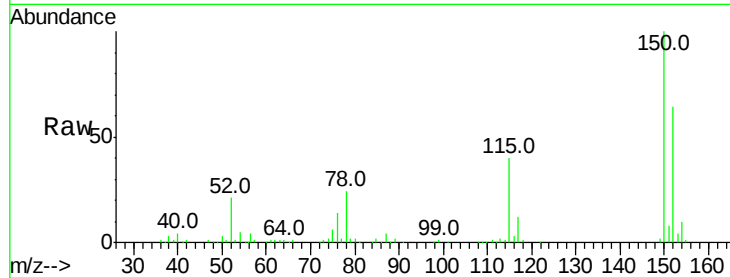


#1

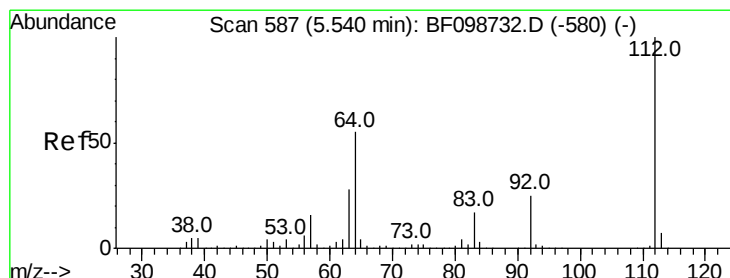
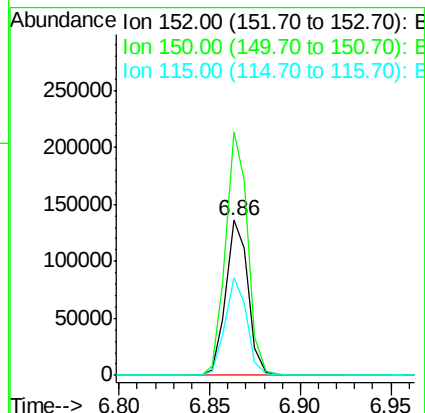
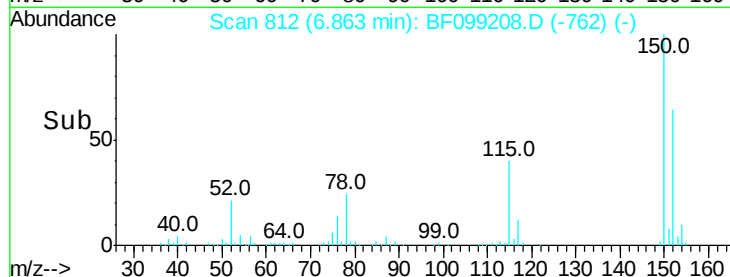
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 115946
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 62.9 50.1 75.1



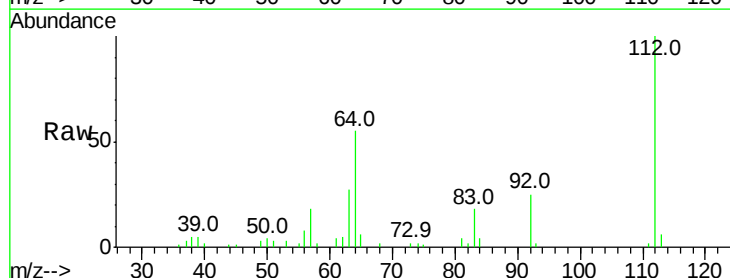
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



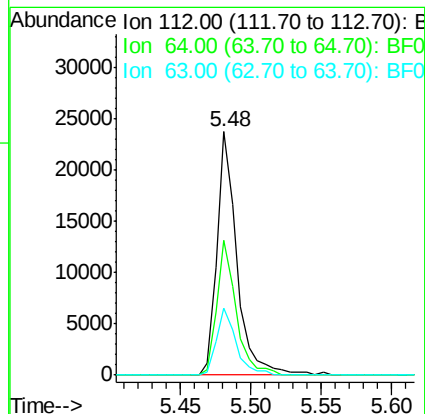
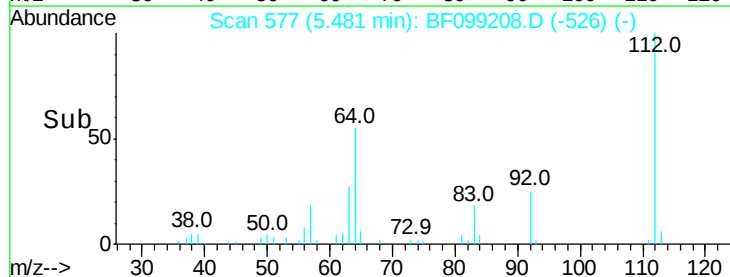
#5

2-Fluorophenol
 Concen: 3.224 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion:112 Resp: 23483
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.586 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

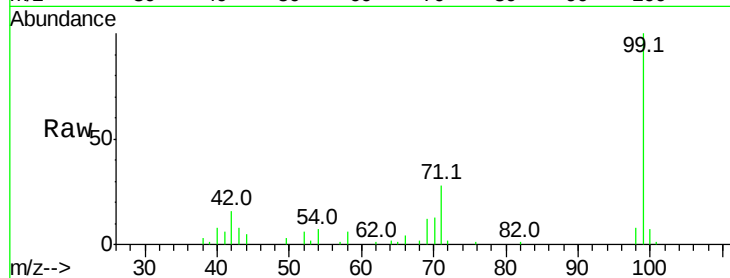
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 32216

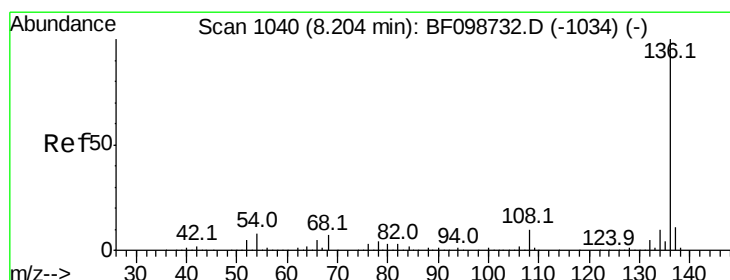
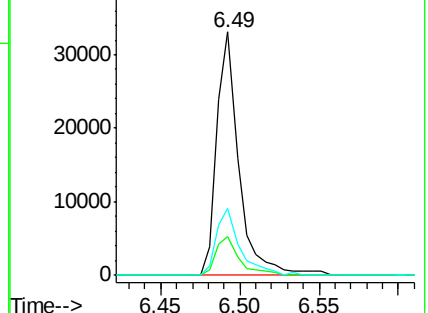
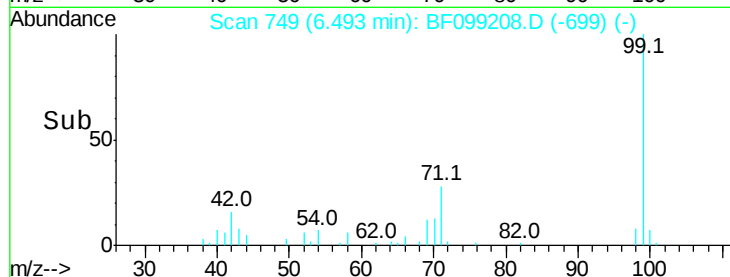
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	27.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

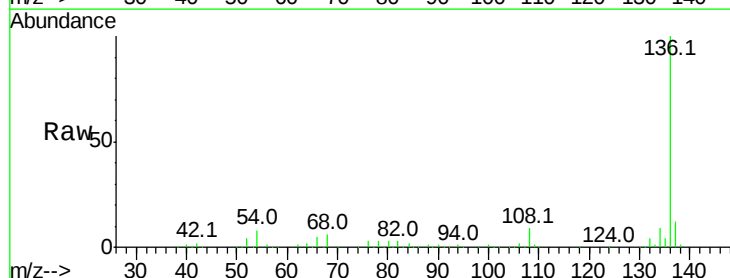
Delta R.T. -0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

Tgt Ion: 136 Resp: 447043

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4

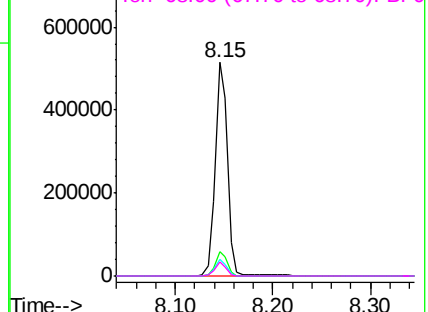
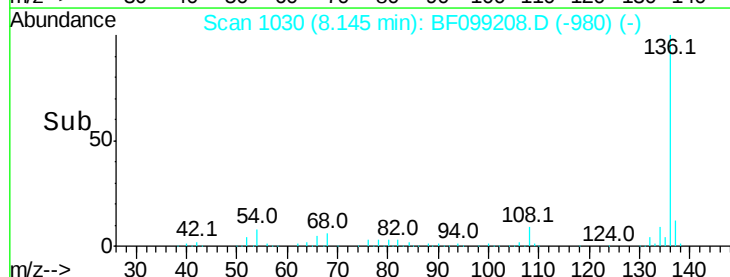


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

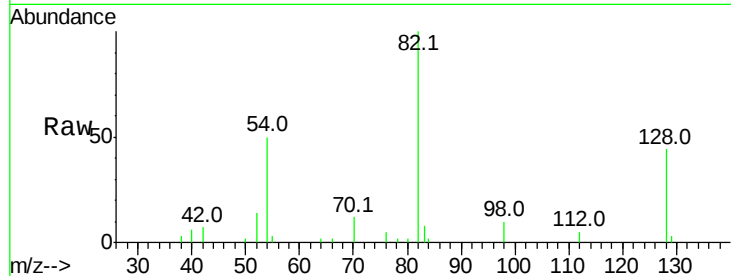




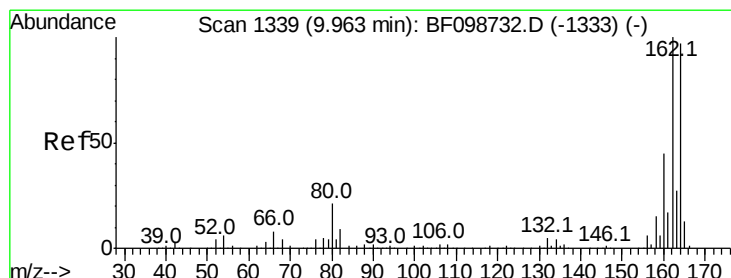
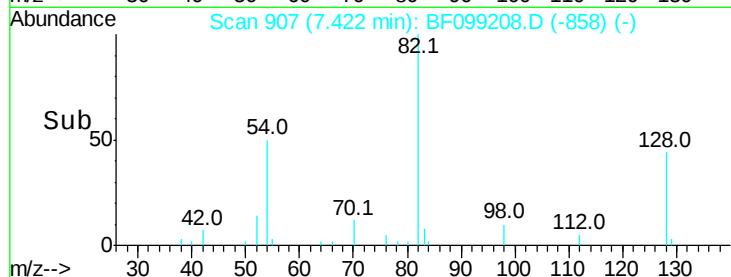
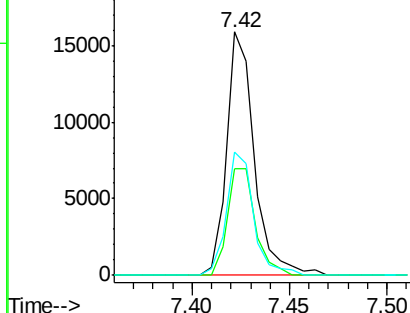
#23
 Nitrobenzene-d5
 Concen: 2.238 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	15599
Ion Ratio	100	Lower	Upper
128	44.0	36.1	54.1
54	50.4	41.4	62.2

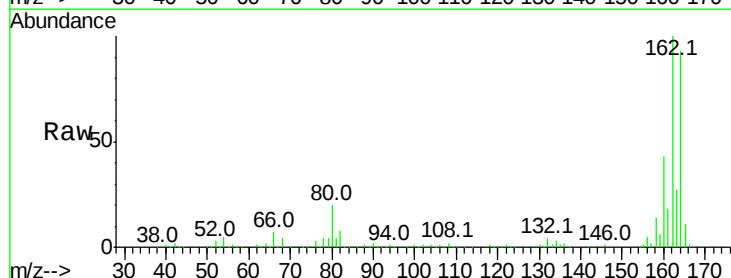


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

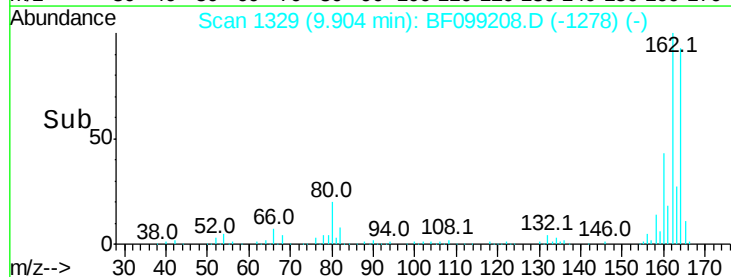
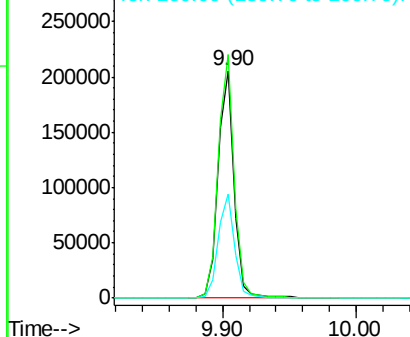


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion	164	Resp	175675
Ion Ratio	100	Lower	Upper
162	107.1	86.1	129.1
160	45.9	38.3	57.5



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

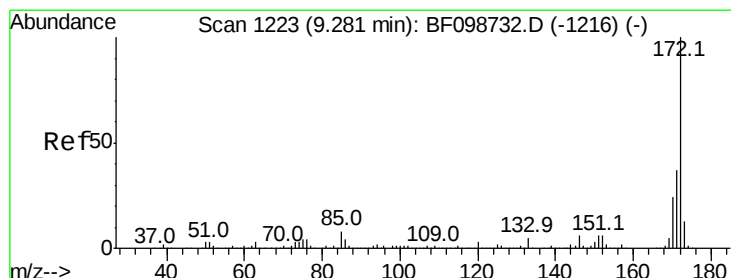
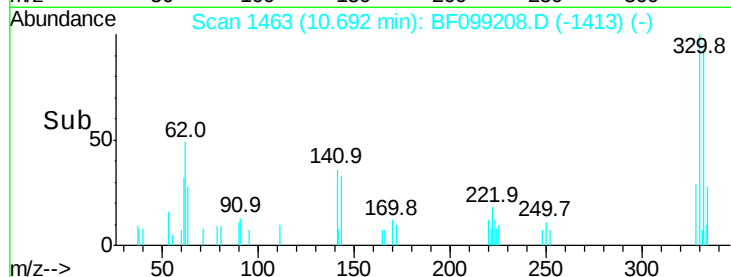
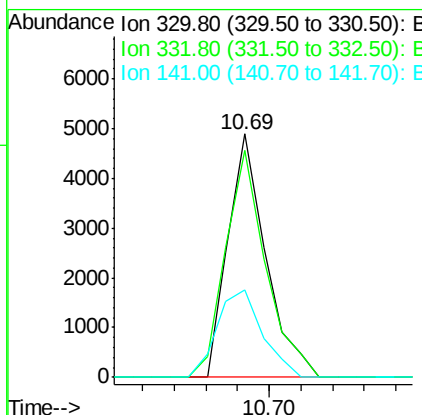
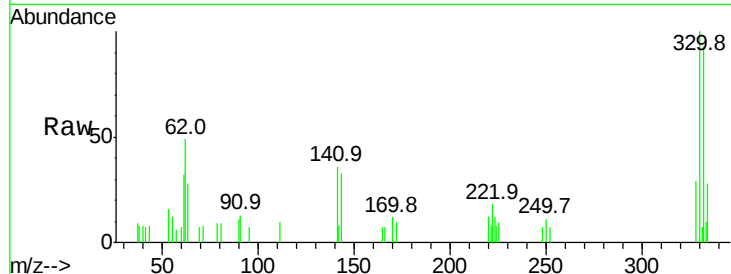




#41
 2,4,6-Tribromophenol
 Concen: 2.798 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

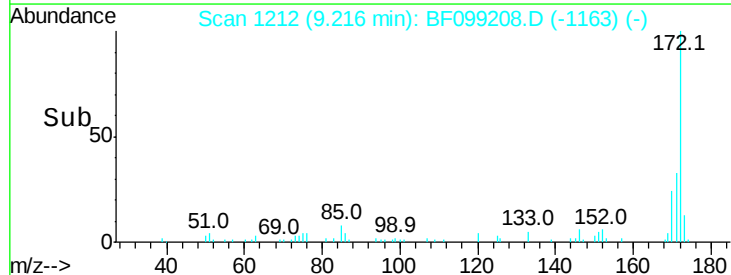
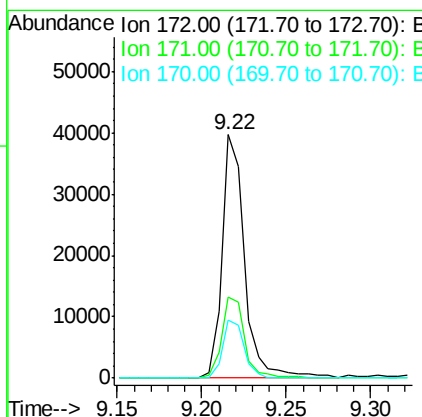
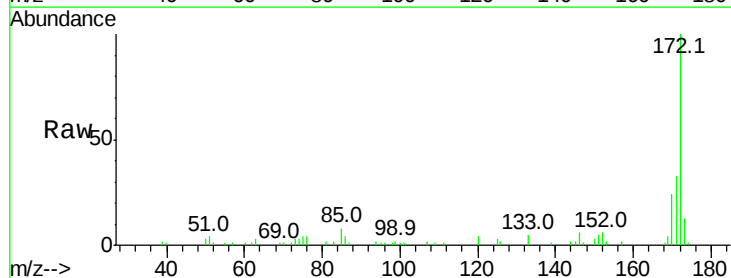
Instrument :
 BNA_F
 ClientSampled :

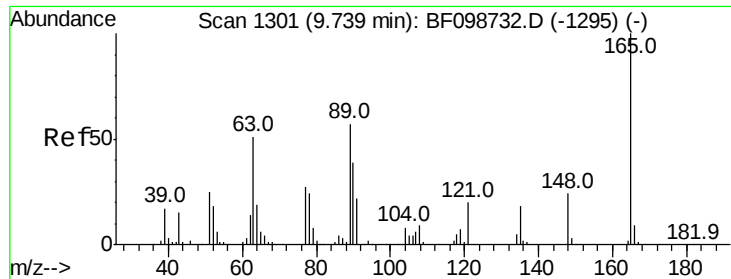
Tot Ion:330 Resp: 4022
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.0 115.6
 141 42.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 3.514 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion:172 Resp: 36974
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 23.8 19.6 29.4

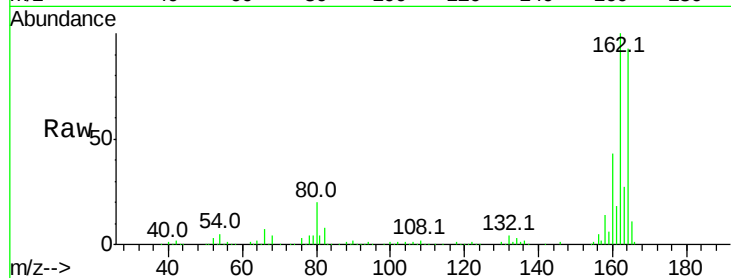




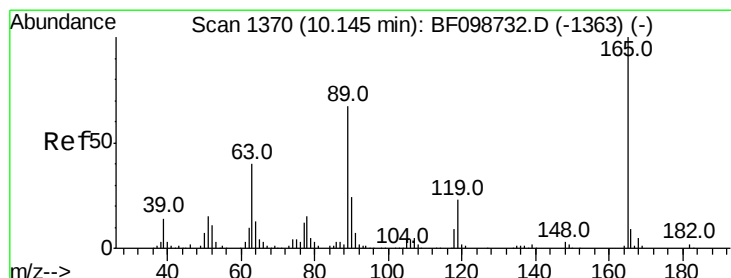
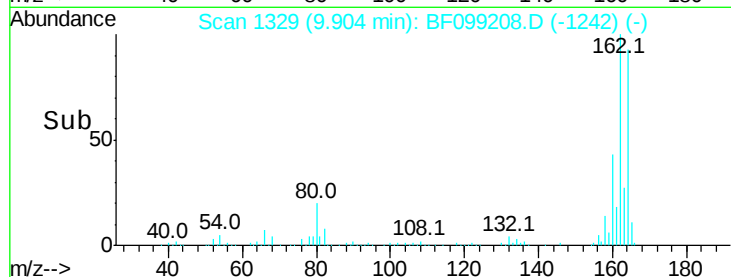
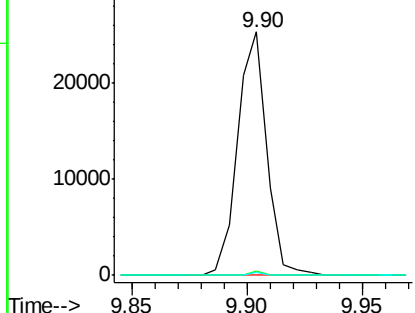
#50
 2,6-Dinitrotoluene
 Concen: 7.691 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22200
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.7 67.1#
 89 1.5 44.0 66.0#



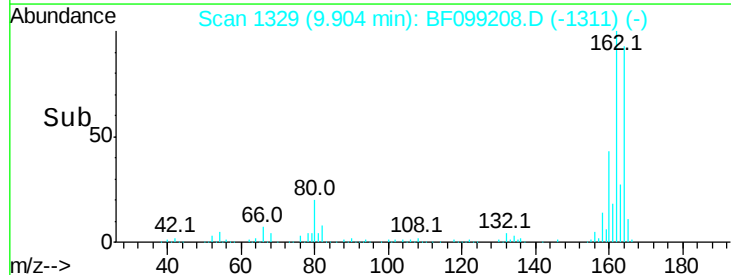
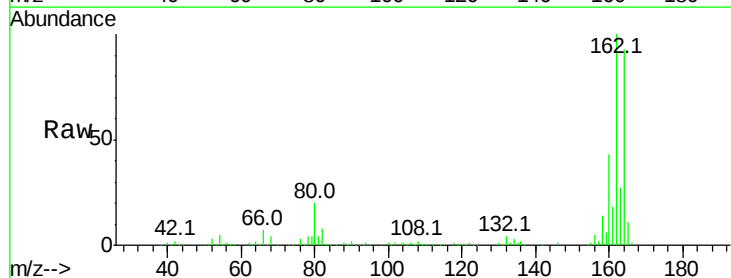
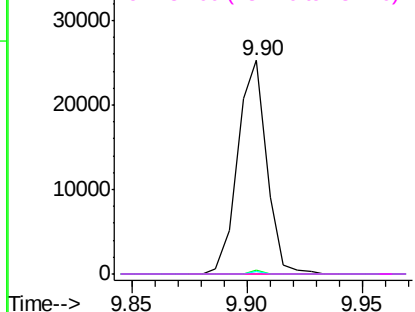
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

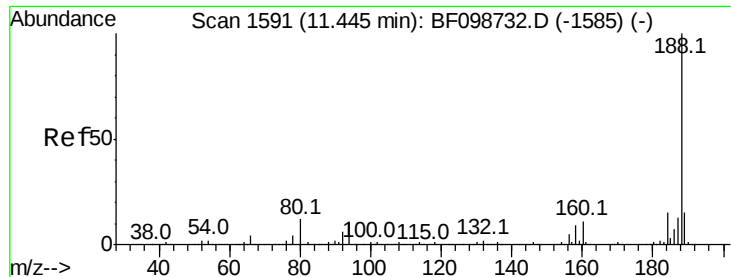


#56
 2,4-Dinitrotoluene
 Concen: 5.926 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion:165 Resp: 22200
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

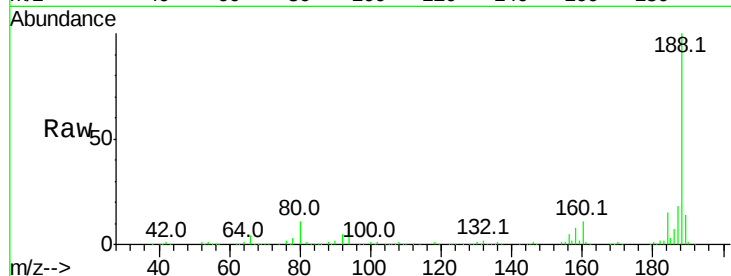




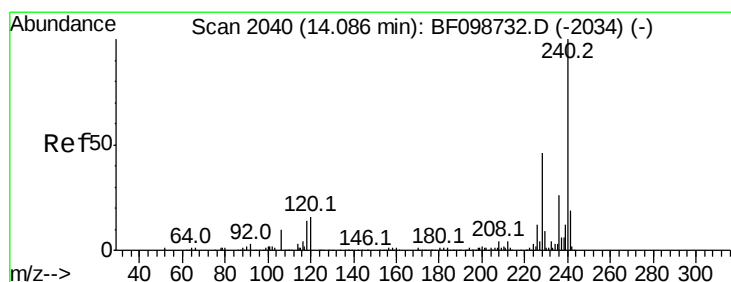
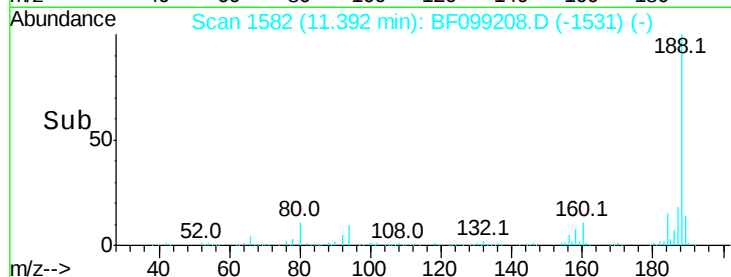
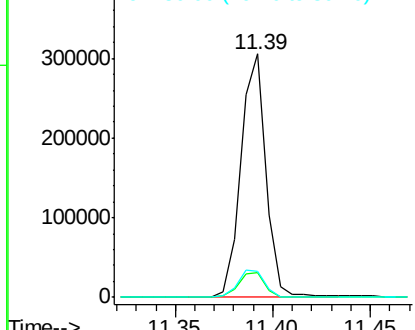
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 272085
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8

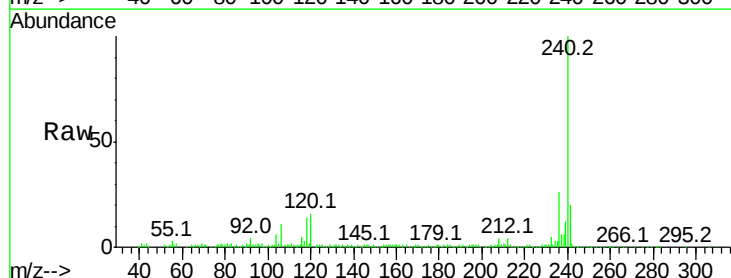


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

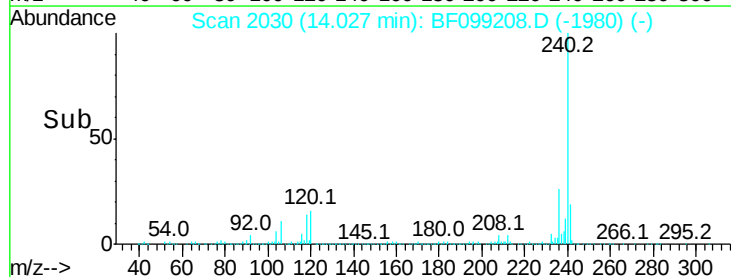
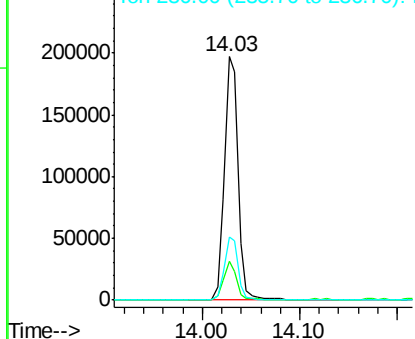


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

Tgt Ion:240 Resp: 192480
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 26.1 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





#78

Terphenyl-d14

Concen: 3.028 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

Instrument :

BNA_F

ClientSampleId :

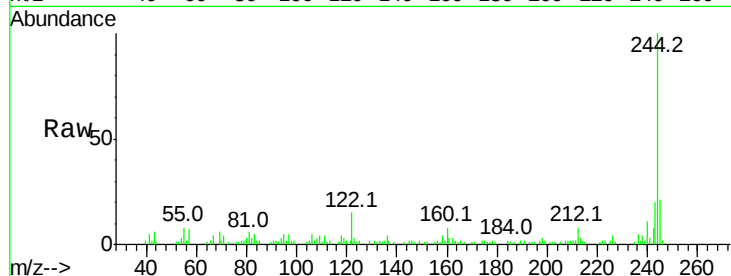
Tot Ion:244 Resp: 25631

Ion Ratio Lower Upper

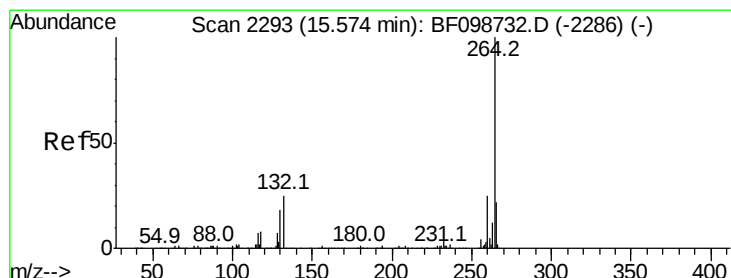
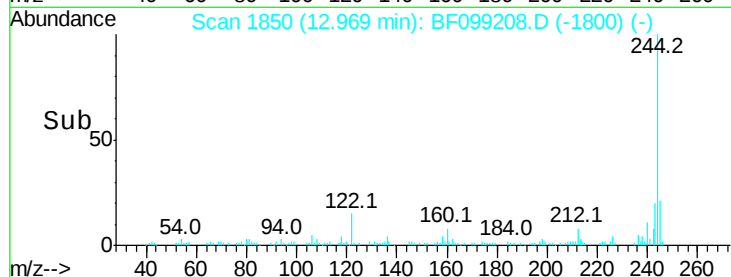
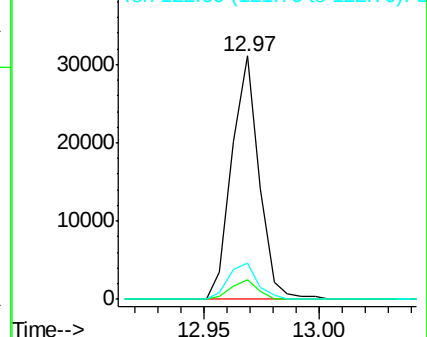
244 100

212 8.2 5.4 8.0#

122 15.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

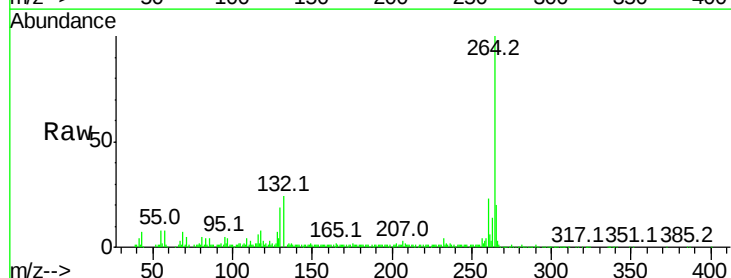
Tgt Ion:264 Resp: 157436

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.4 17.5 26.3



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

