

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098372.D
 Acq On : 9 Sep 2017 3:41
 Operator : SJ/JU
 Sample : I5135-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPGI-280-283

Quant Time: Sep 09 04:18:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

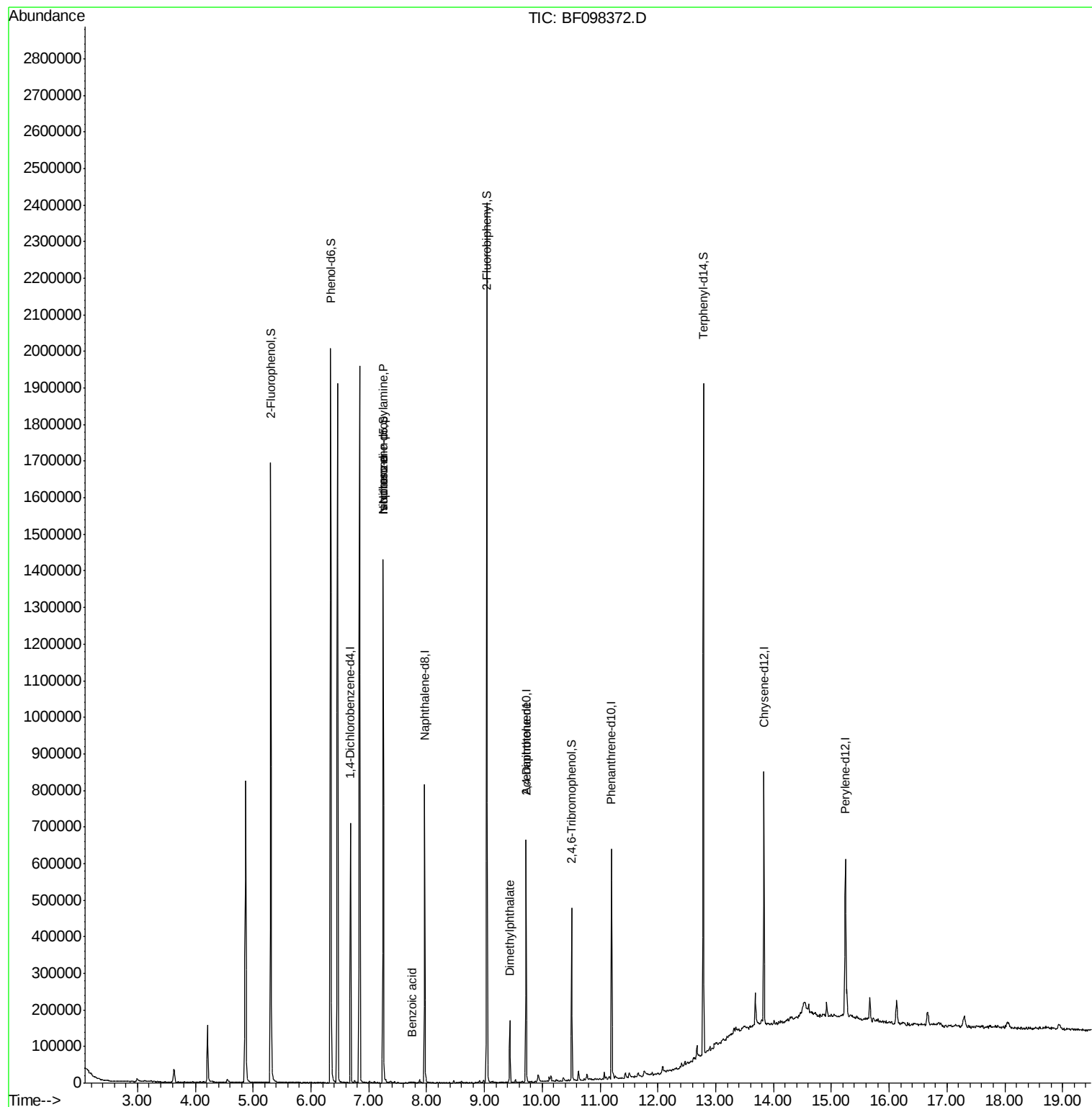
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	105296	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	356300	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	129025	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	222328	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	240838	20.00	ng	-0.03
86) Perylene-d12	15.24	264	168709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	500190	72.26	ng	0.00
7) Phenol-d6	6.34	99	771369	82.01	ng	-0.01
23) Nitrobenzene-d5	7.25	82	486230	74.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	52899	47.25	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	693866	79.01	ng	-0.02
78) Terphenyl-d14	12.79	244	573316	49.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	62555	9.715	ng	# 71
25) Isophorone	7.25	82	481305	35.292	ng	# 67
32) Benzoic acid	7.74	122	1402	6.698	ng	# 82
49) Dimethylphthalate	9.44	163	54809	5.811	ng	# 98
56) 2,4-Dinitrotoluene	9.72	165	16043	6.790	ng	# 31

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

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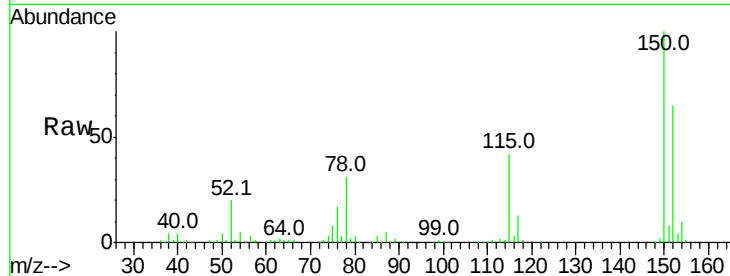


#1

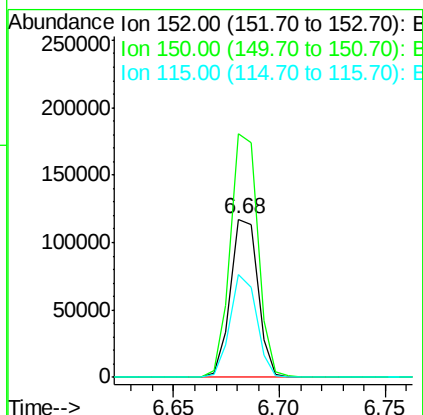
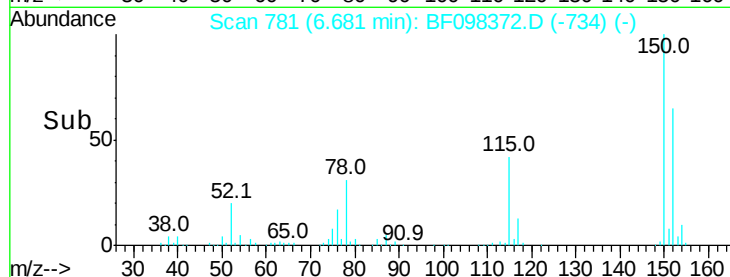
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF098372.D
 Acq: 9 Sep 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 EPGI-280-283

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	64.8	52.2	78.2



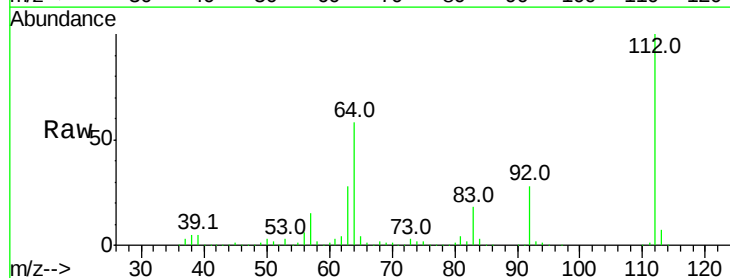
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



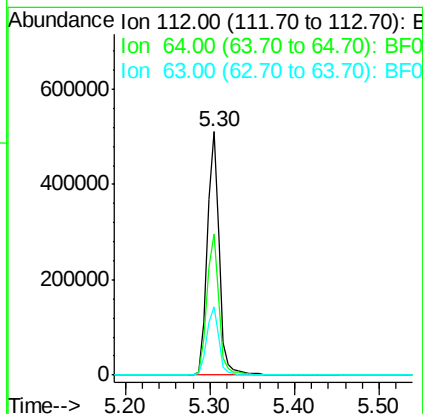
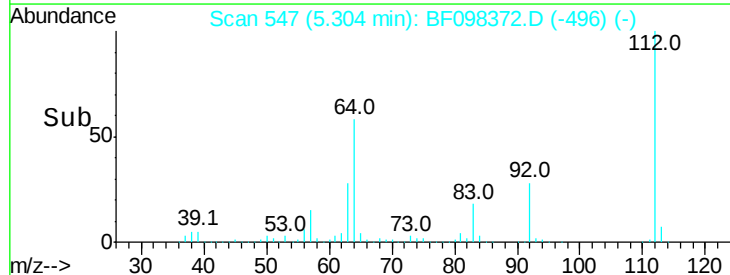
#5

2-Fluorophenol
 Concen: 72.256 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF098372.D
 Acq: 9 Sep 2017 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.1	23.4	35.0



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: 82.011 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

Instrument :

BNA_F

ClientSampleId :

EPGI-280-283

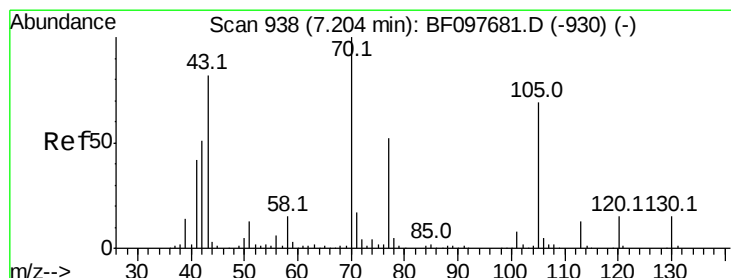
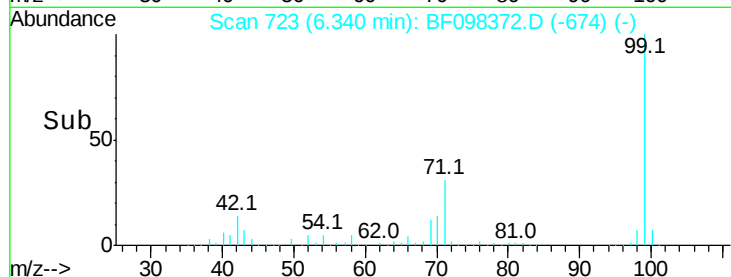
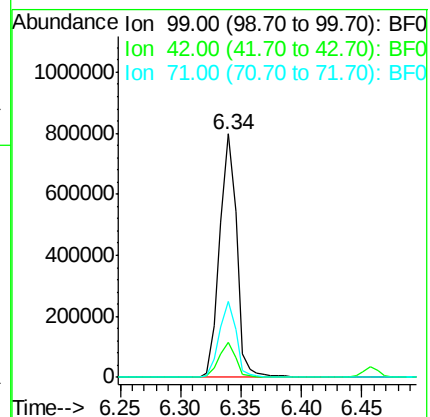
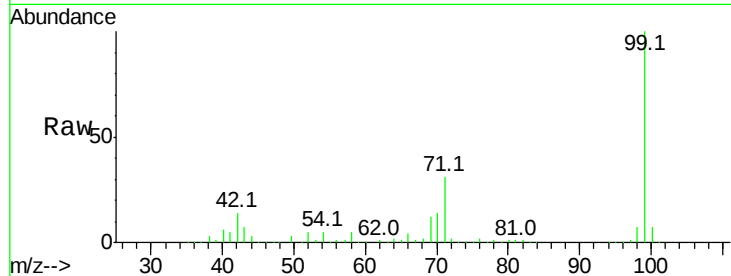
Tot Ion: 99 Resp: 771369

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

71 31.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.715 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

Tgt Ion: 70 Resp: 62555

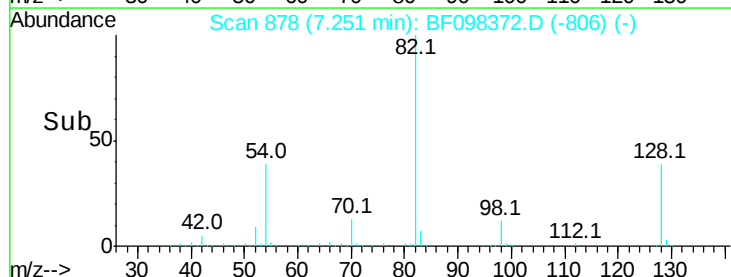
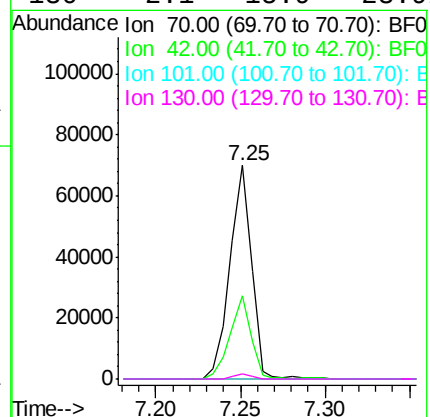
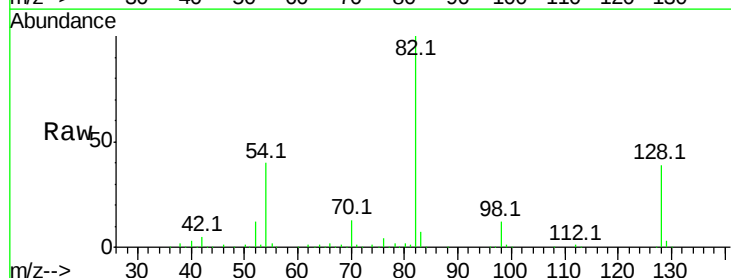
Ion Ratio Lower Upper

70 100

42 39.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

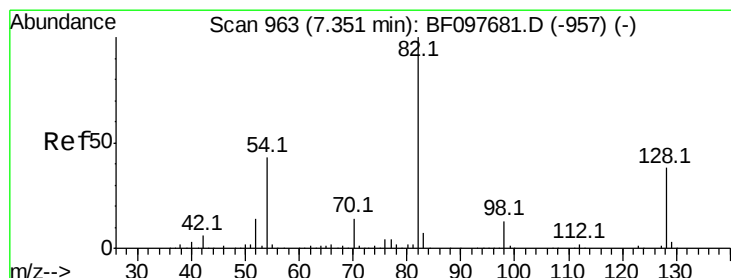
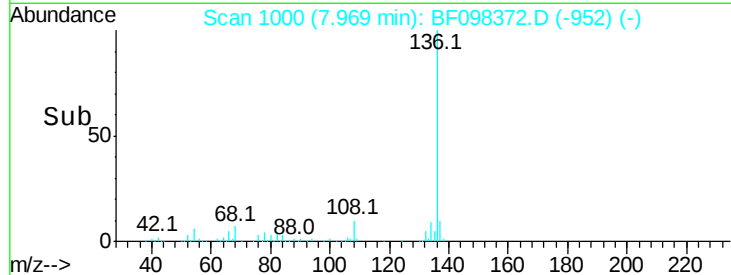
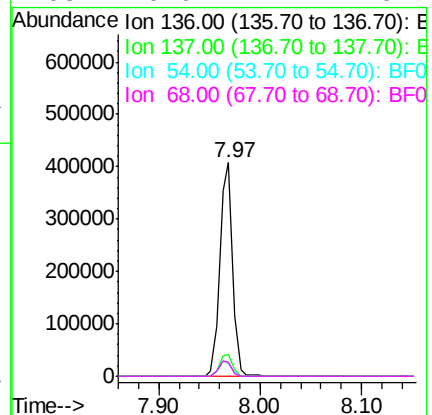
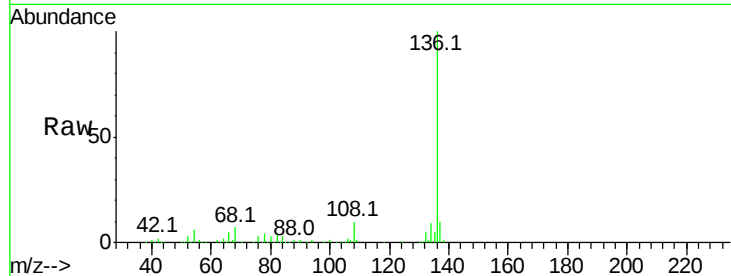




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

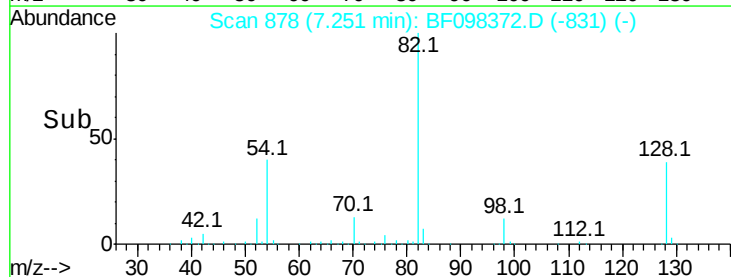
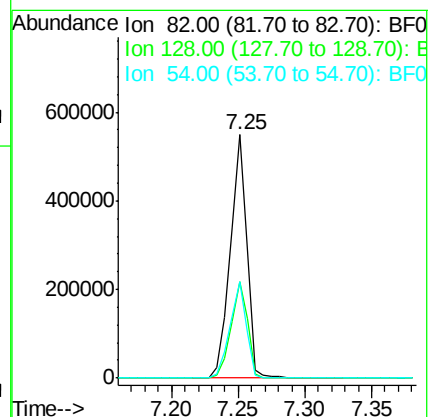
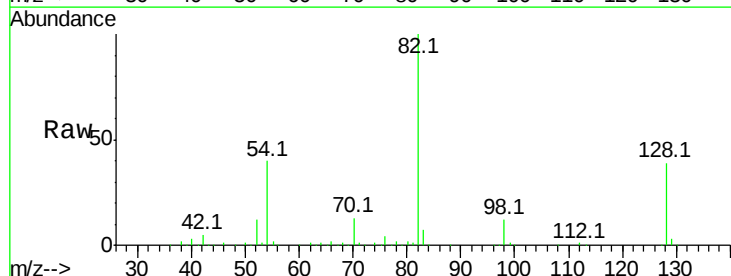
Instrument :
BNA_F
ClientSampleId :
EPGI-280-283

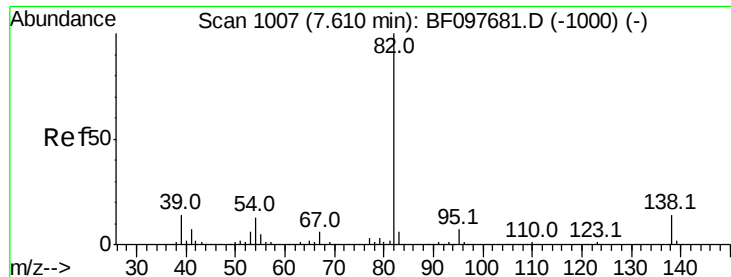
Tot Ion:136	Resp:	356300
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.2	4.9 7.3
68	6.9	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 74.135 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

Tgt Ion: 82	Resp:	486230
Ion Ratio	Lower	Upper
82	100	
128	39.4	34.0 51.0
54	39.8	42.2 63.2#





#25

Isophorone

Concen: 35.292 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.28 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

Instrument :

BNA_F

ClientSampleId :

EPGI-280-283

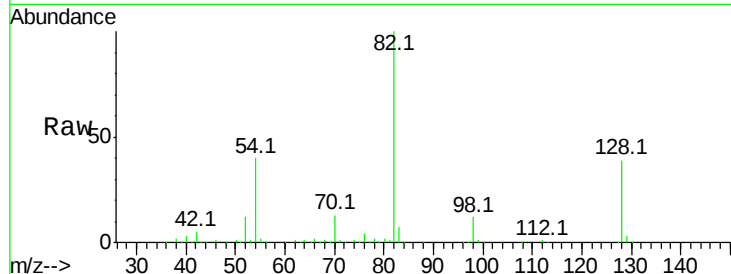
Tot Ion: 82 Resp: 481305

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

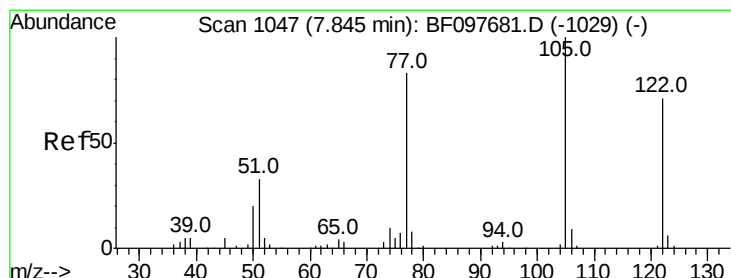
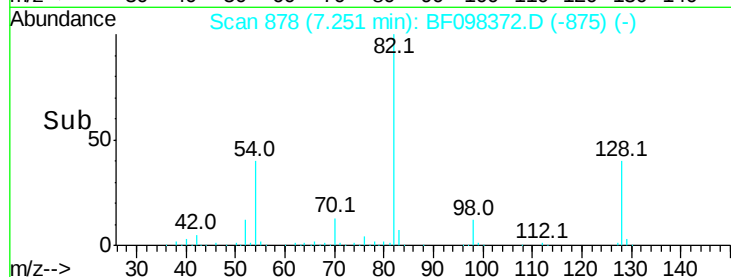
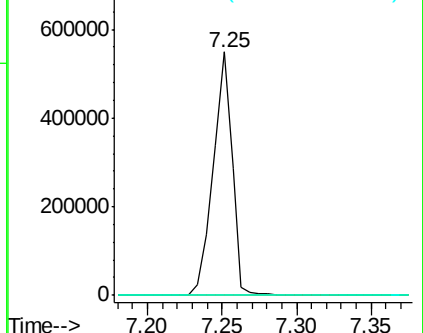
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.698 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

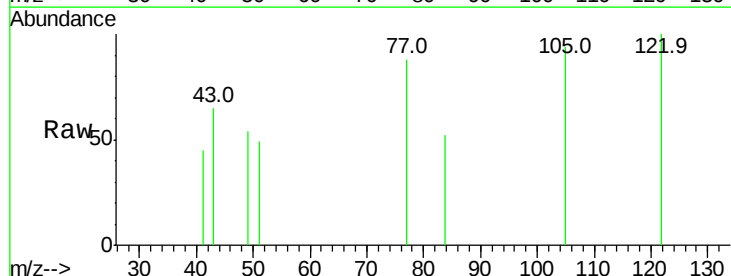
Tgt Ion:122 Resp: 1402

Ion Ratio Lower Upper

122 100

105 93.6 103.3 143.3#

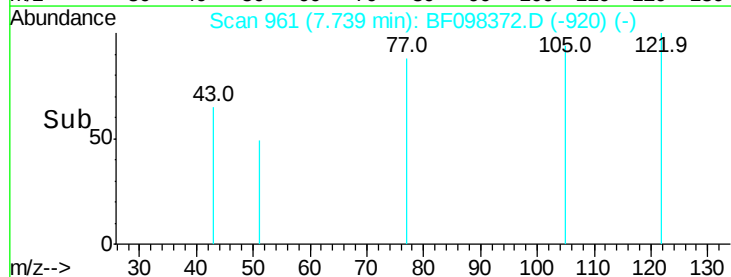
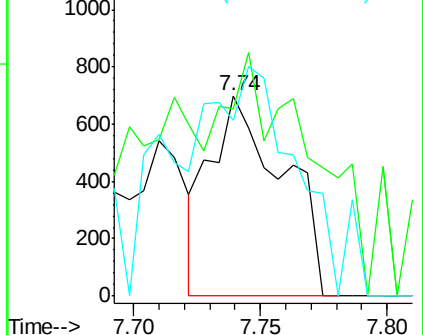
77 87.7 73.7 113.7

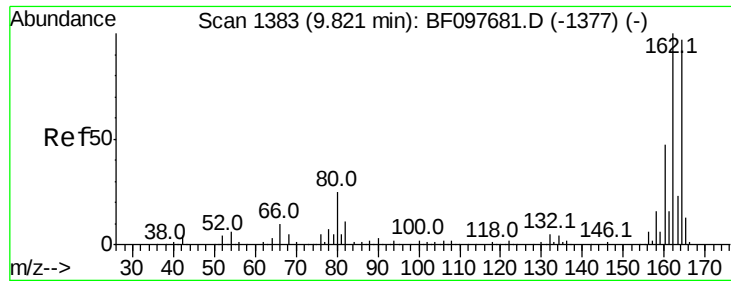


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

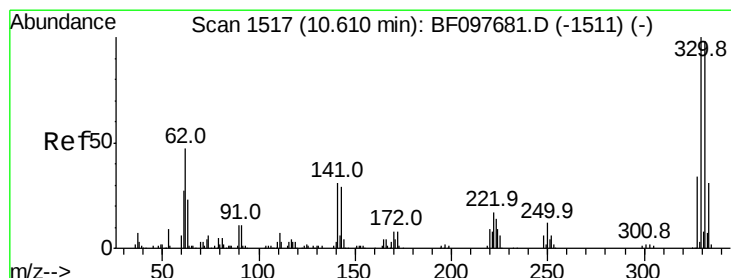
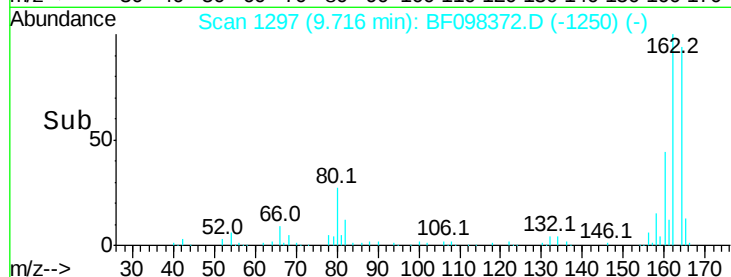
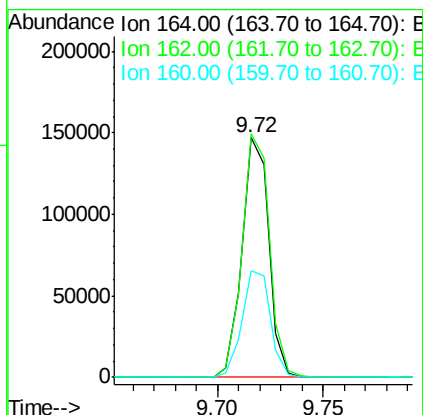
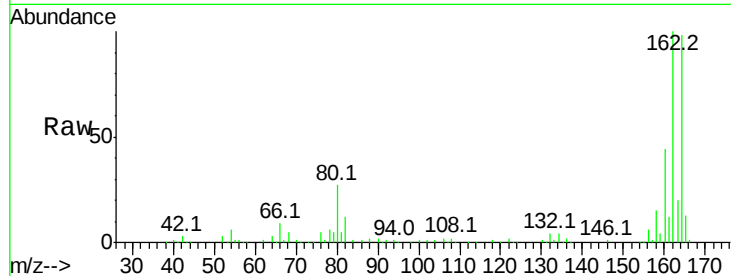




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

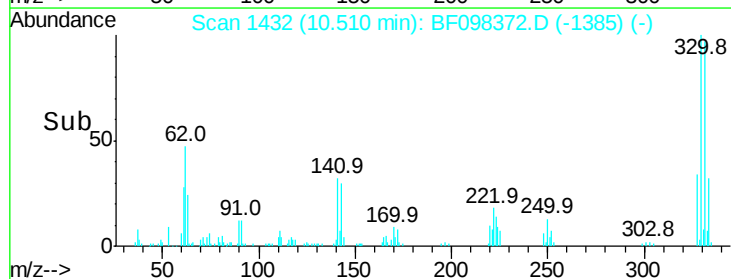
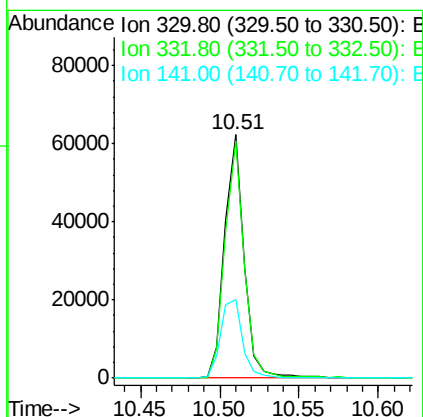
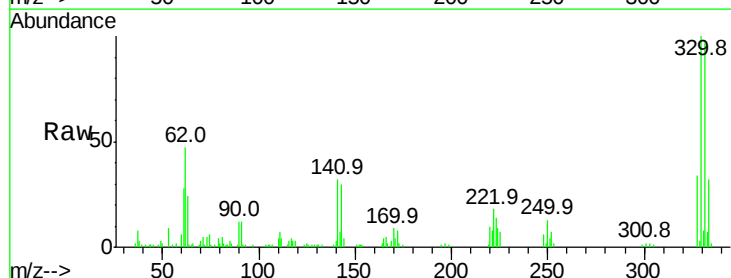
Instrument :
BNA_F
ClientSampleId :
EPGI-280-283

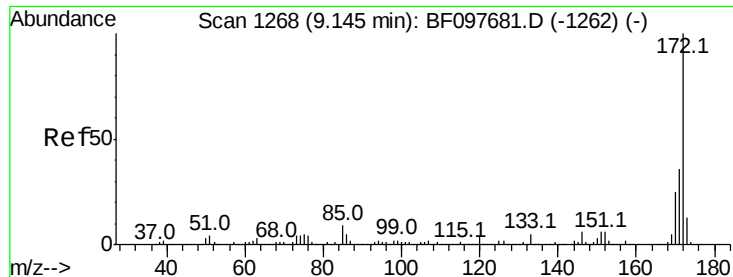
Tot Ion:164 Resp: 129025
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 47.252 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

Tgt Ion:330 Resp: 52899
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 36.3 31.4 47.2

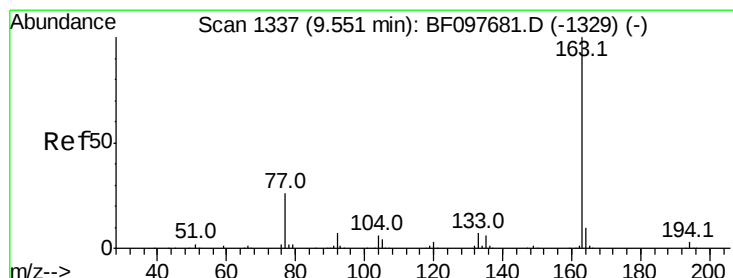
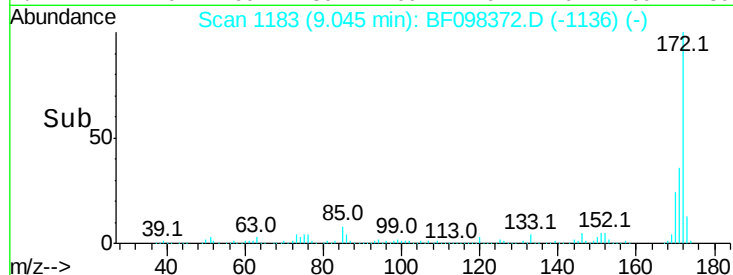
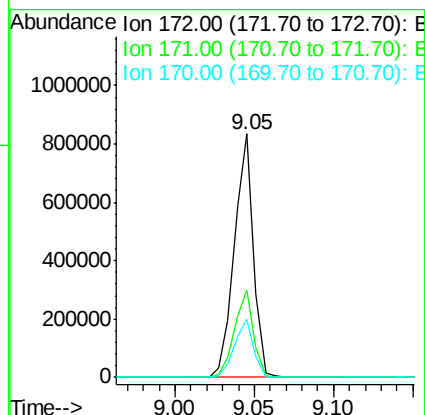
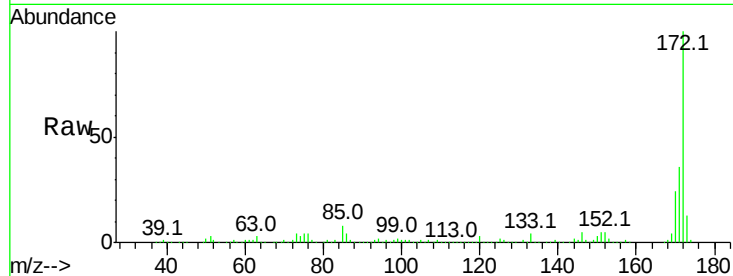




#44
2-Fluorobiphenyl
Concen: 79.010 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

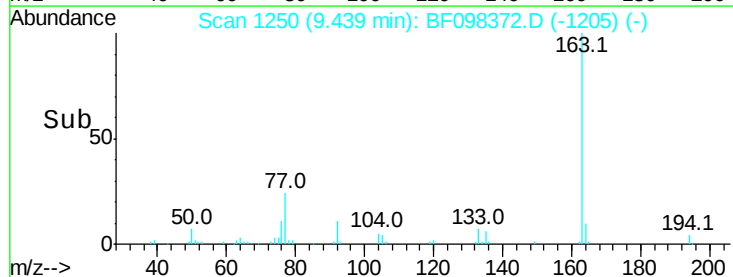
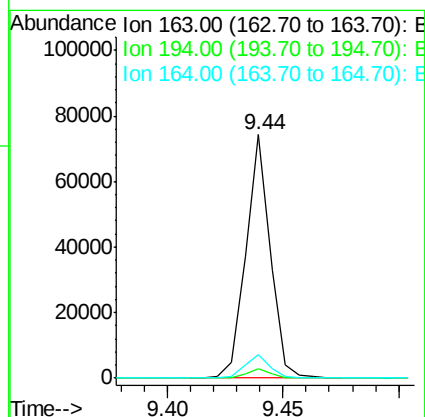
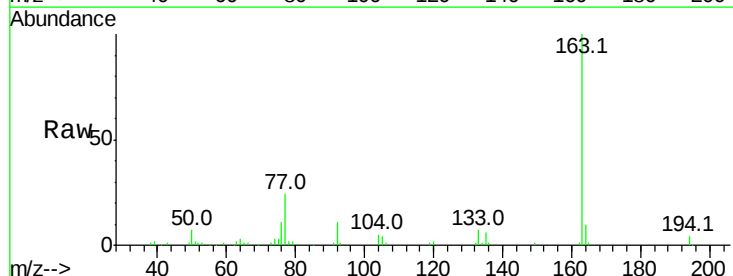
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BNA_F
ClientSampleId :
EPGI-280-283

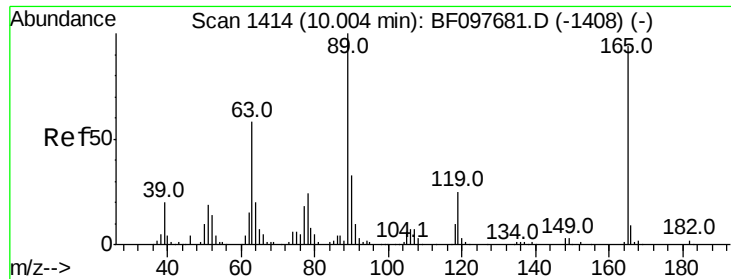
Tot Ion:172 Resp: 693866
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 5.811 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

Tgt Ion:163 Resp: 54809
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 8.4 12.6

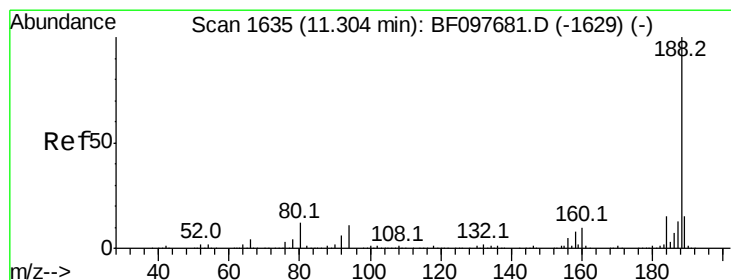
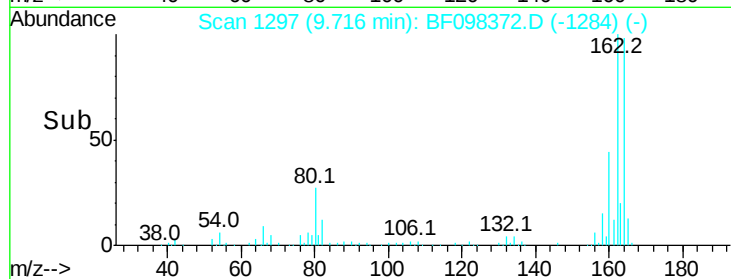
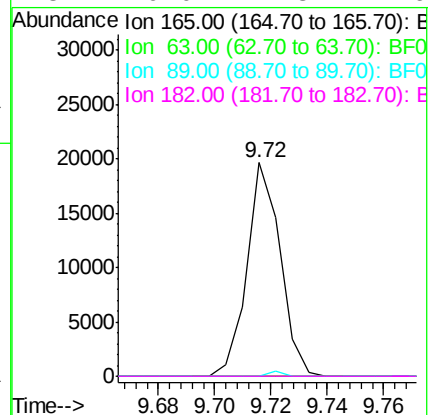
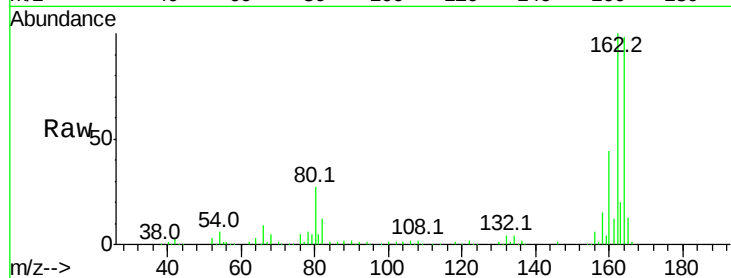




#56
 2,4-Dinitrotoluene
 Concen: 6.790 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF098372.D
 Acq: 9 Sep 2017 3:41

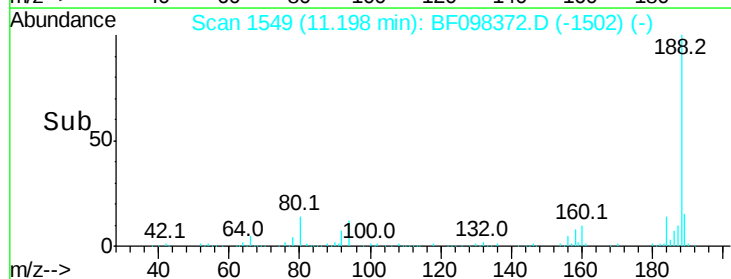
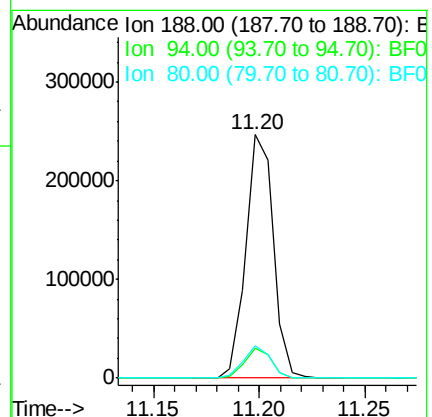
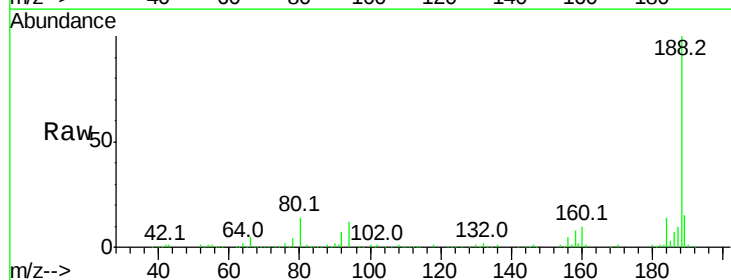
Instrument :
 BNA_F
 ClientSampleId :
 EPGI-280-283

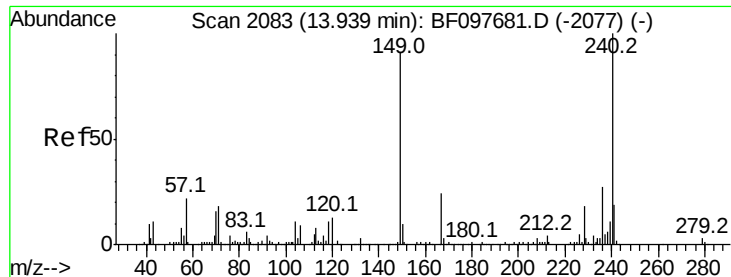
Tot Ion:	165	Resp:	16043
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF098372.D
 Acq: 9 Sep 2017 3:41

Tgt Ion:	188	Resp:	222328
Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

Instrument :

BNA_F

ClientSampleId :

EPGI-280-283

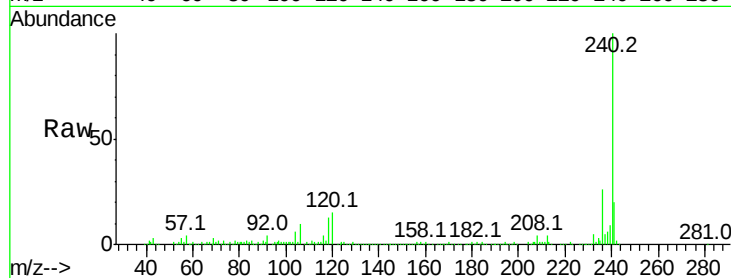
Tot Ion:240 Resp: 240838

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

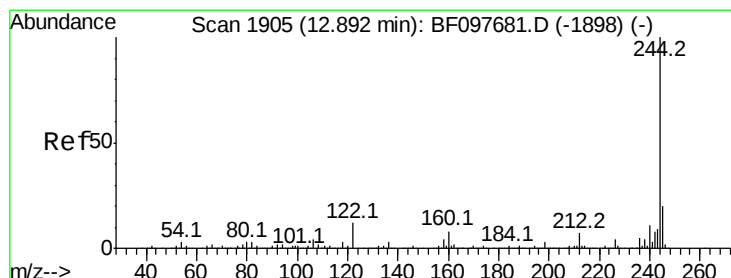
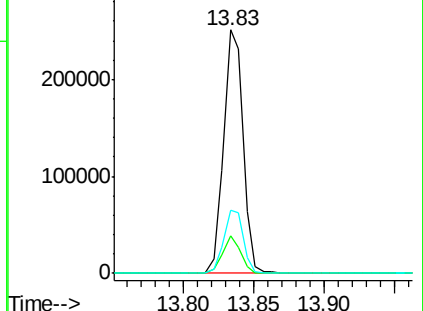
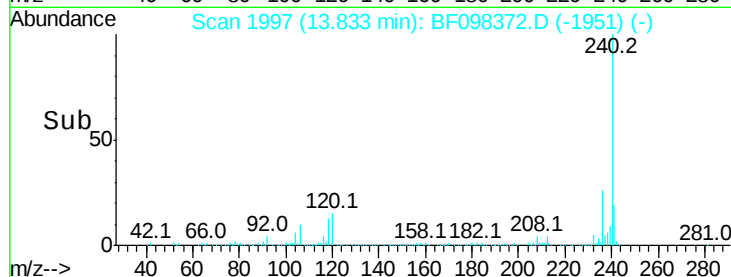
236 26.2 20.5 30.7



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: 49.642 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098372.D

Acq: 9 Sep 2017 3:41

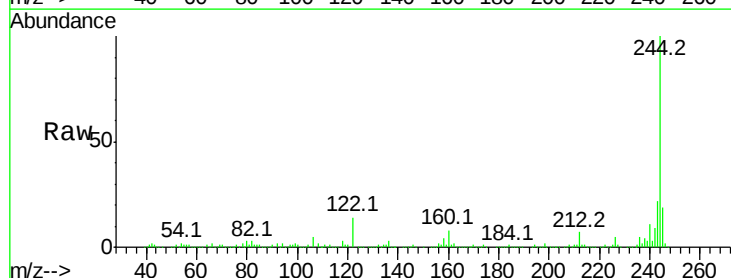
Tgt Ion:244 Resp: 573316

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

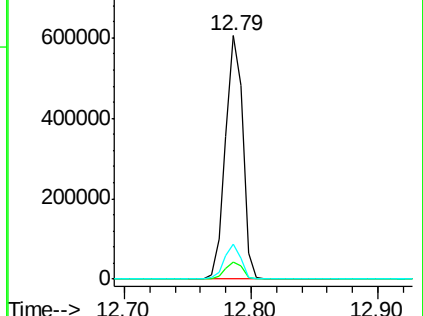
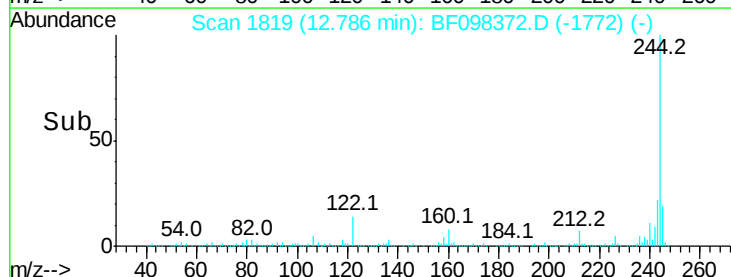
122 14.4 10.3 15.5

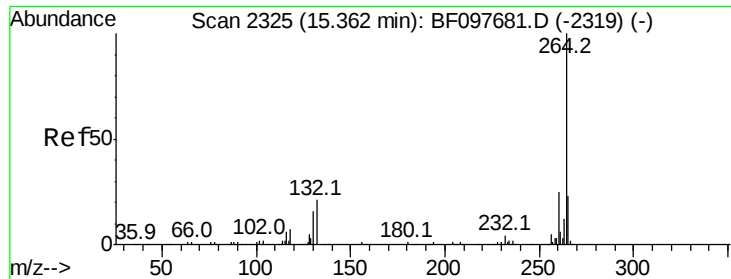


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

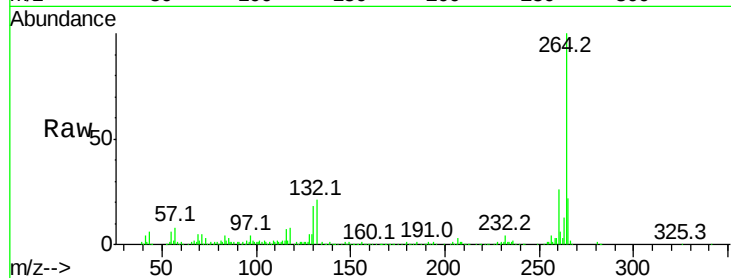




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098372.D
Acq: 9 Sep 2017 3:41

Instrument :
BNA_F
ClientSampleId :
EPGI-280-283

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	21.9	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

