

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099732.D
 Acq On : 21 Oct 2017 17:16
 Operator : SJ/JU
 Sample : I5950-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Quant Time: Oct 22 01:22:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

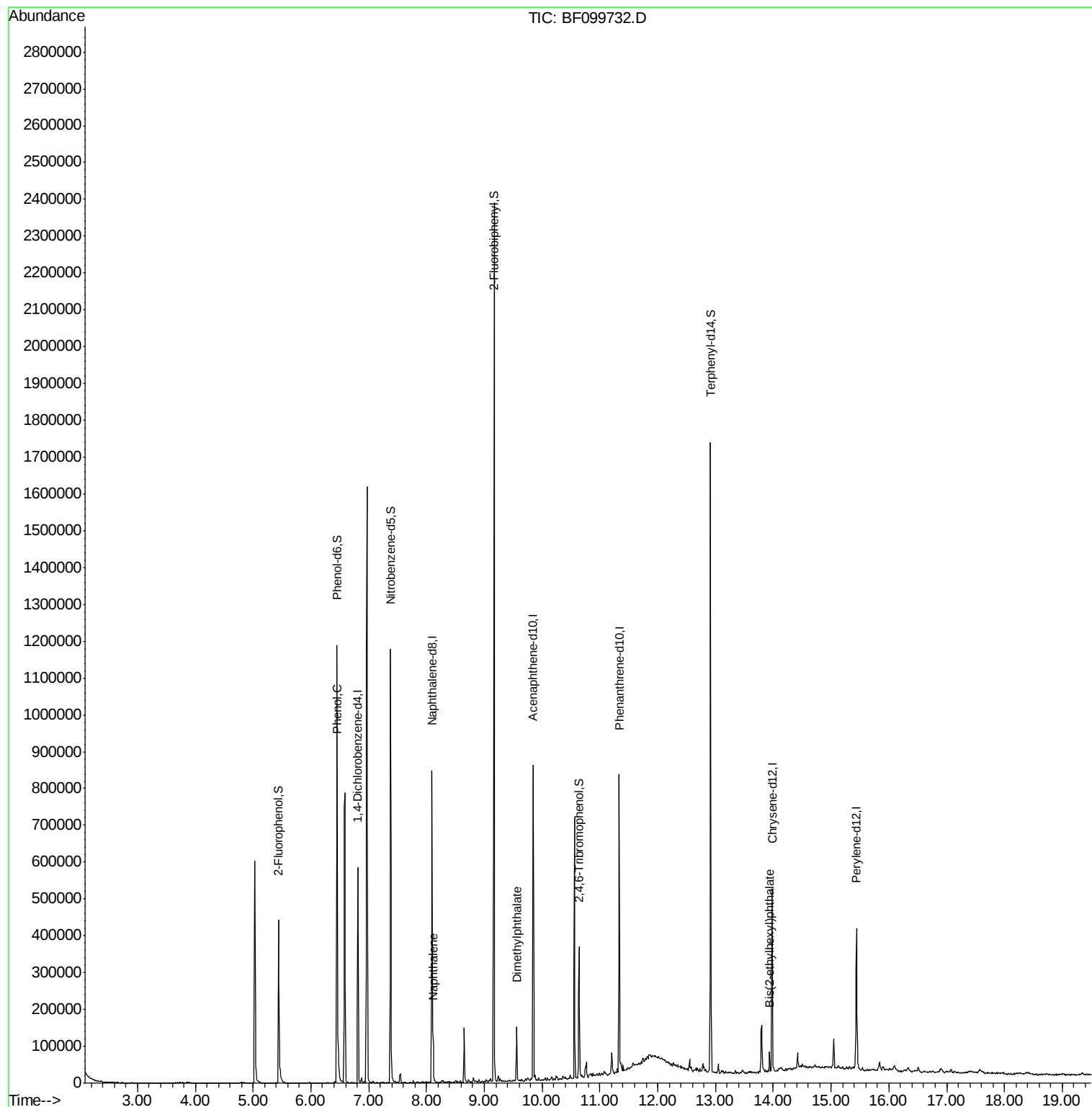
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91000	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	378632	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	173939	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	292737	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	164725	20.00	ng	0.00
86) Perylene-d12	15.44	264	161510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	163670	28.63	ng	0.00
7) Phenol-d6	6.45	99	451709	64.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	379220	64.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	38158	26.81	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	748026	71.79	ng	0.00
78) Terphenyl-d14	12.92	244	552339	76.26	ng	0.00
Target Compounds						
10) Phenol	6.46	94	20857	2.645	ng	87
31) Naphthalene	8.12	128	43914	2.469	ng	98
49) Dimethylphthalate	9.56	163	56642	4.315	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	18464	2.271	ng	98

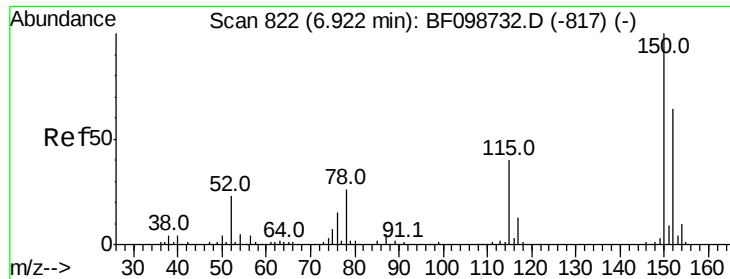
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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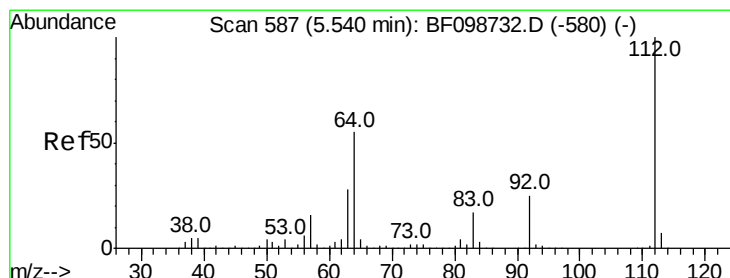
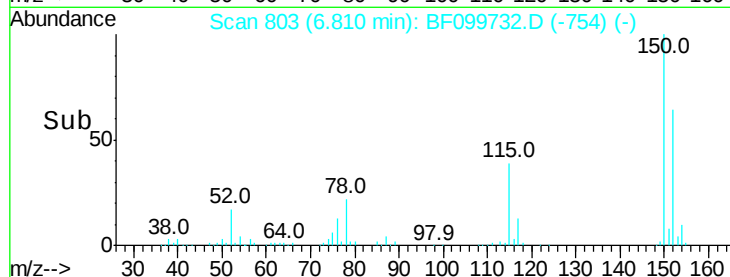
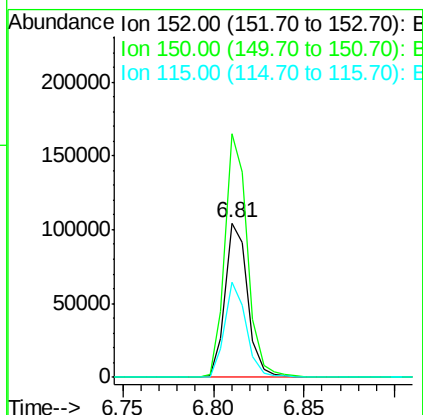
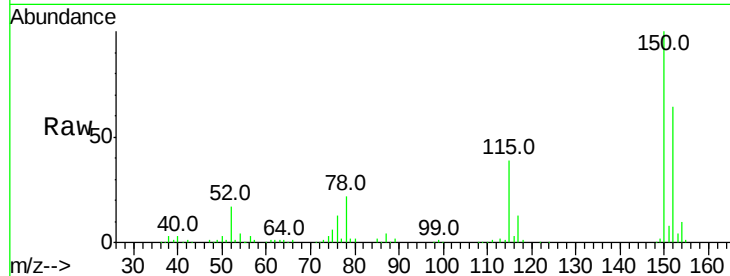


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

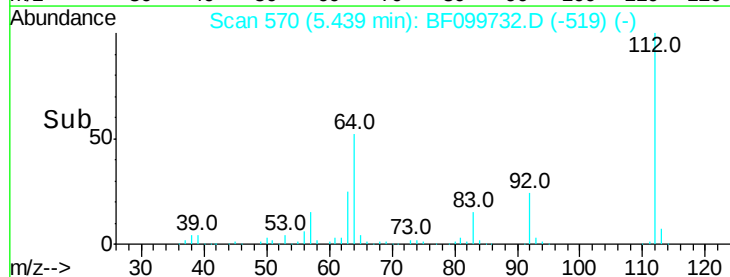
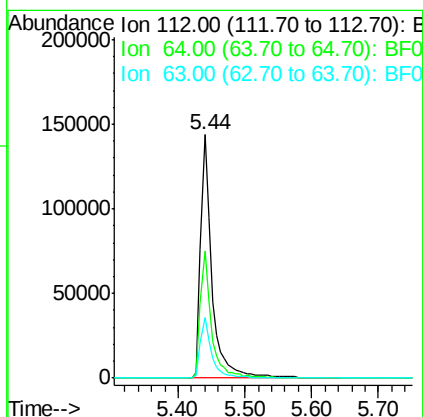
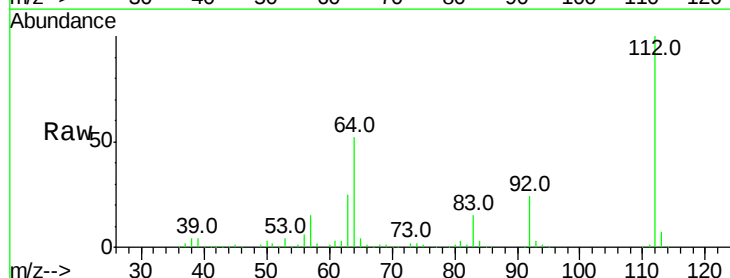
Tot Ion:152 Resp: 91000
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.2 50.1 75.1



#5

2-Fluorophenol
Concen: 28.631 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:112 Resp: 163670
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.9 23.7 35.5





#7

Phenol-d6

Concen: 64.055 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1

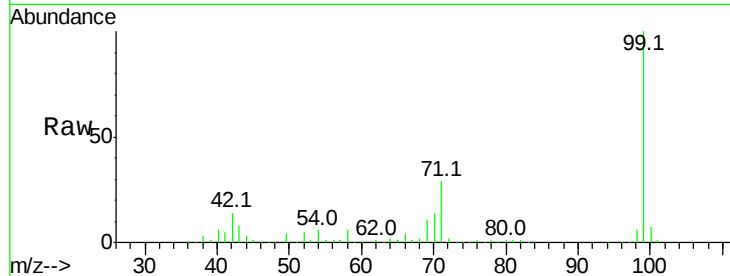
Tot Ion: 99 Resp: 451709

Ion Ratio Lower Upper

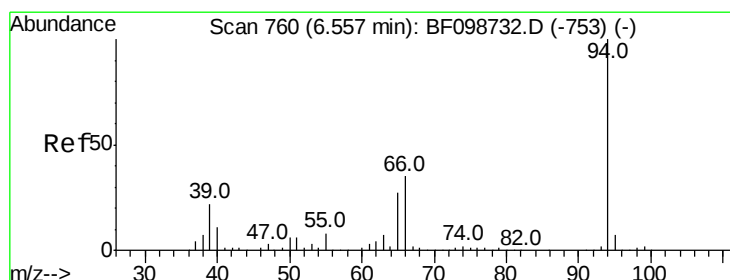
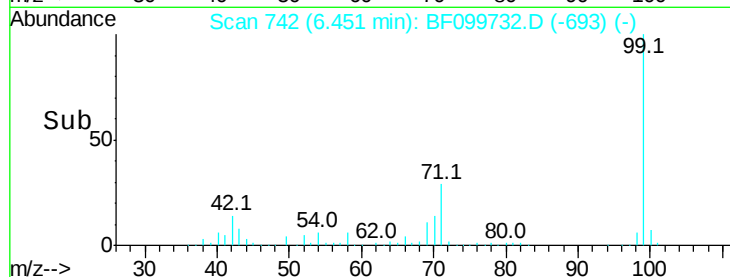
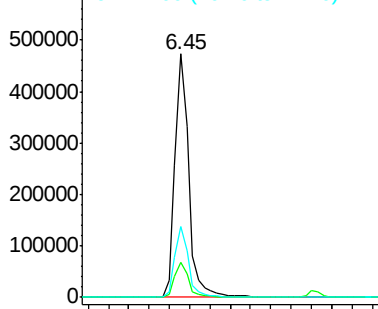
99 100

42 14.4 14.5 21.7#

71 29.3 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



#10

Phenol

Concen: 2.645 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

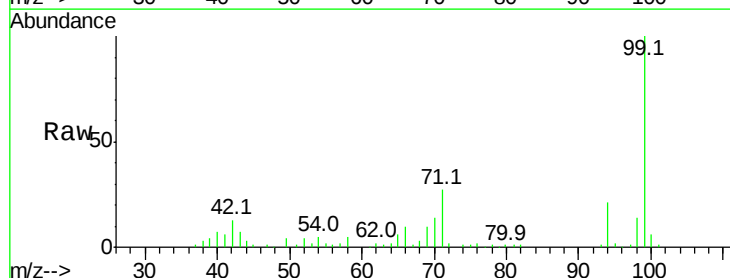
Tgt Ion: 94 Resp: 20857

Ion Ratio Lower Upper

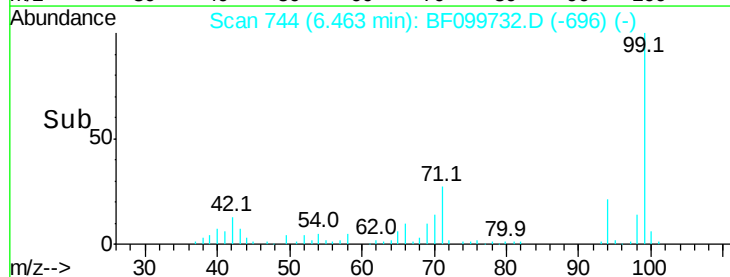
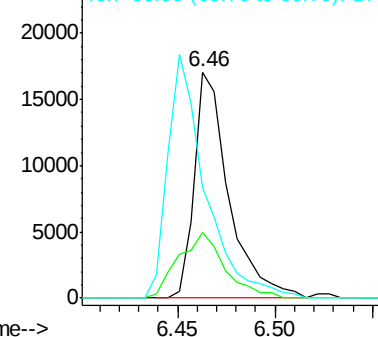
94 100

65 28.8 7.9 47.9

66 48.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

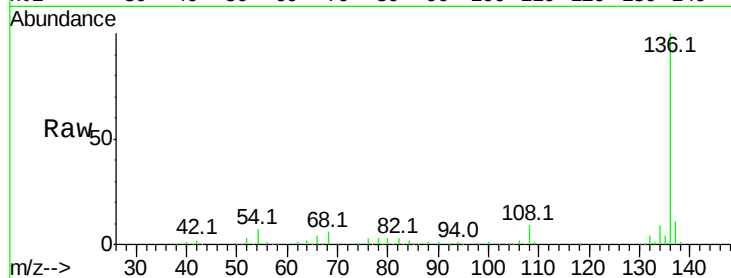




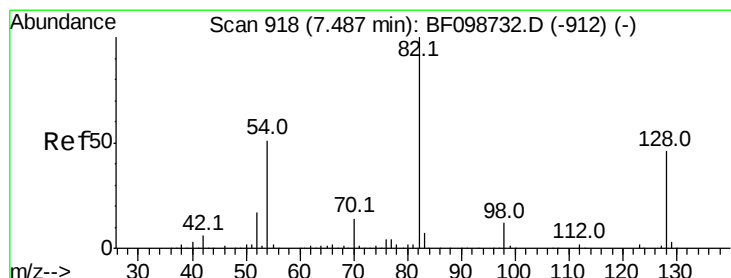
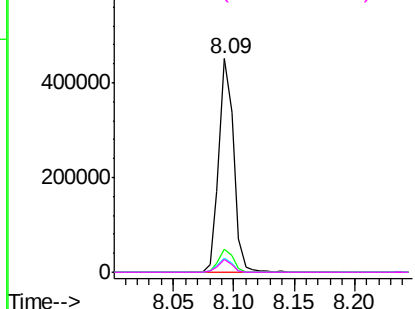
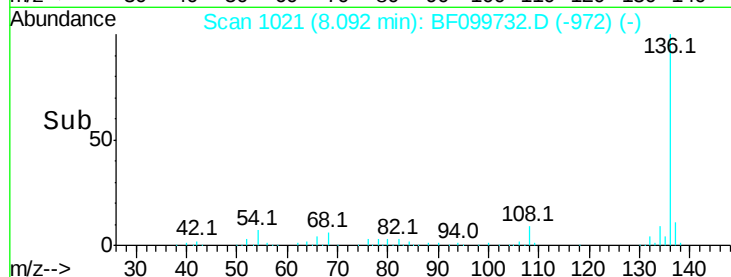
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion:	136	Resp:	378632
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

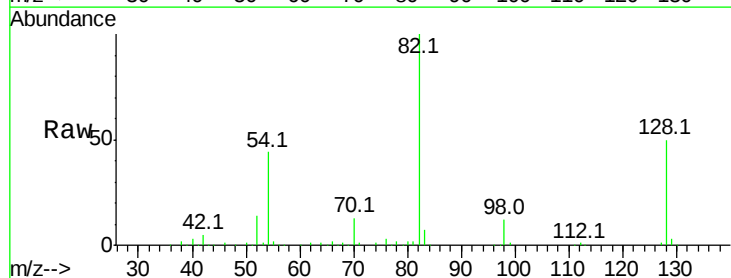


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

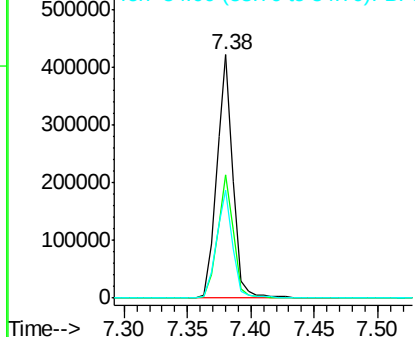
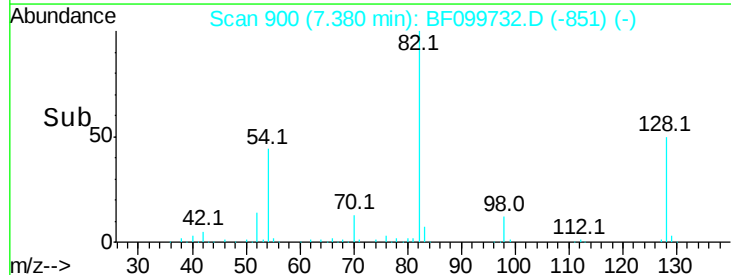


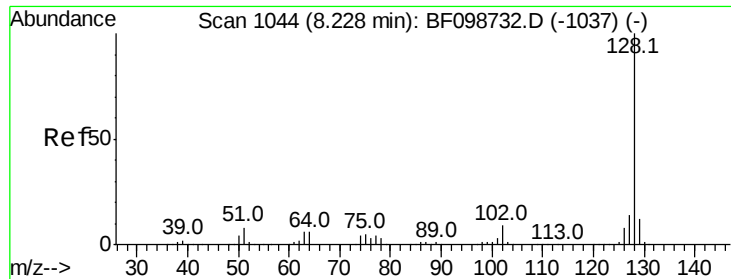
#23
Nitrobenzene-d5
Concen: 64.230 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:	82	Resp:	379220
Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	44.4	41.4	62.2



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

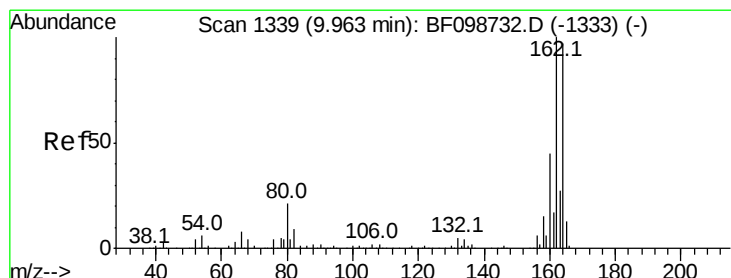
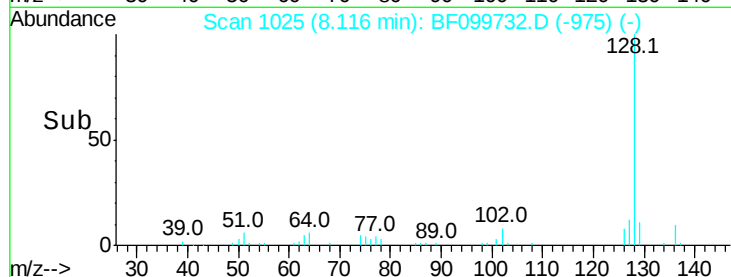
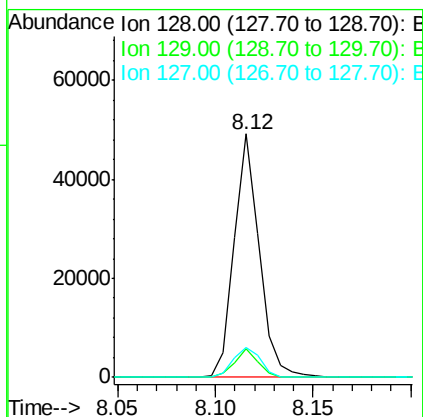
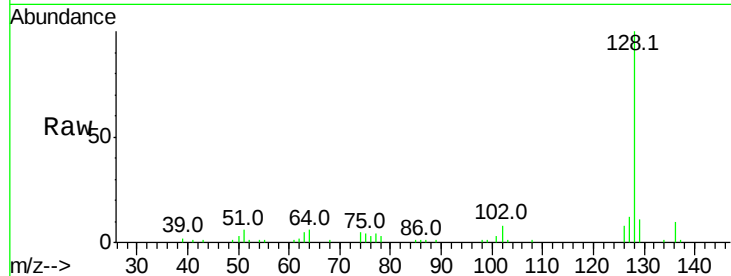




#31
Naphthalene
Concen: 2.469 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

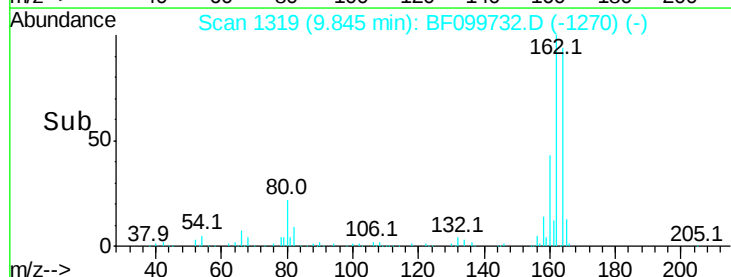
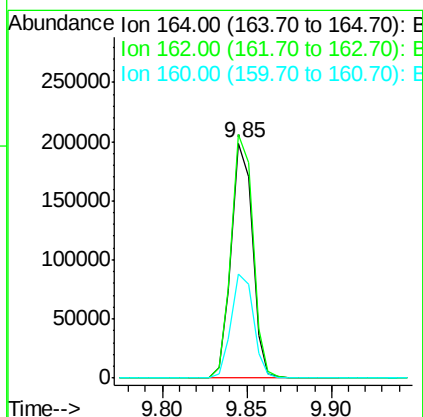
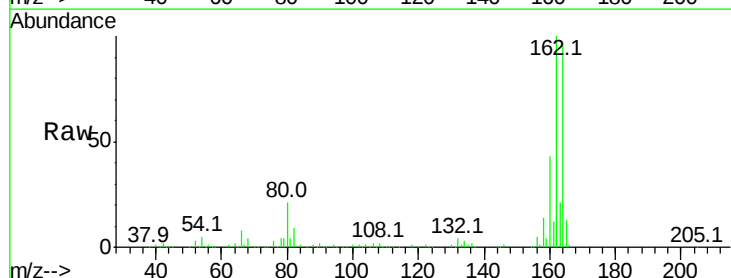
Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

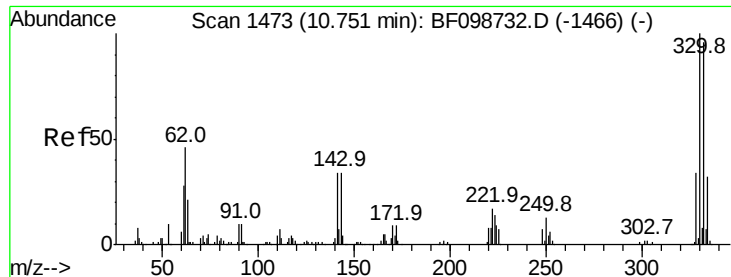
Tot Ion:128 Resp: 43914
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.4 10.9 16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:164 Resp: 173939
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 44.1 38.3 57.5

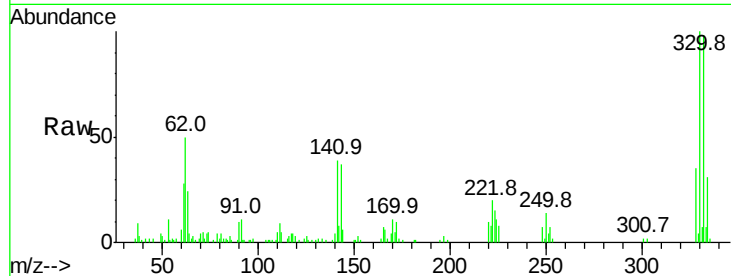




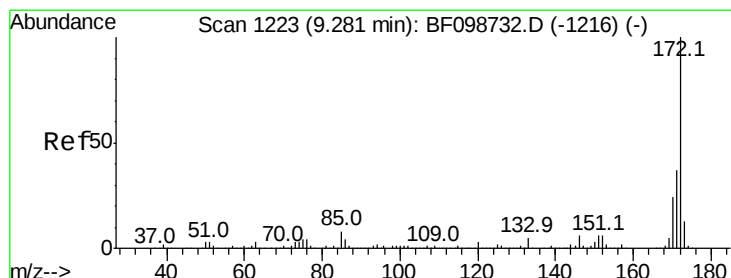
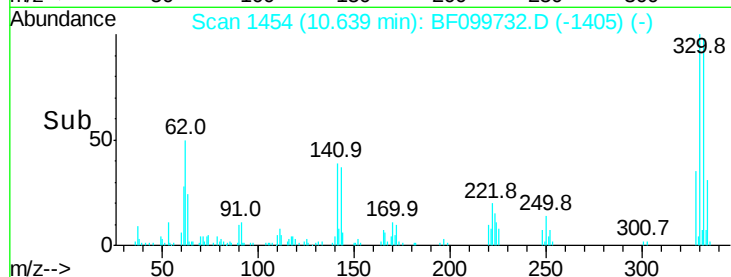
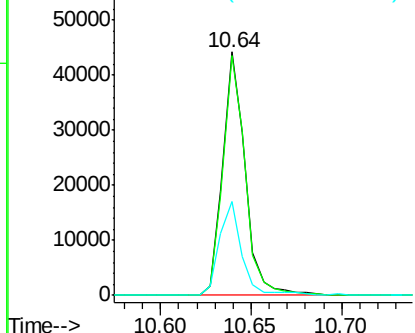
#41
 2,4,6-Tribromophenol
 Concen: 26.810 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.5	29.9	44.9

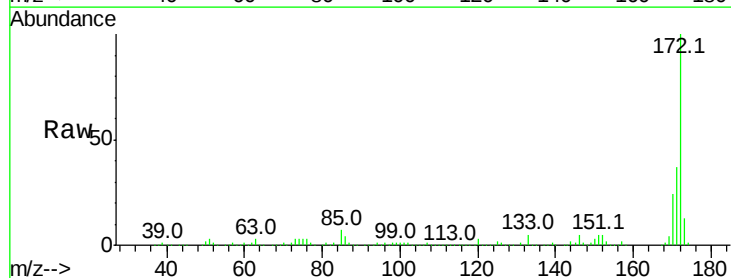


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

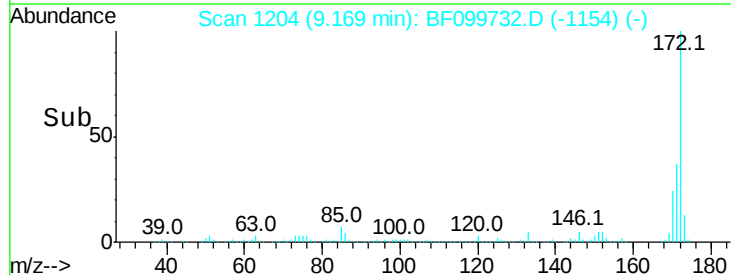
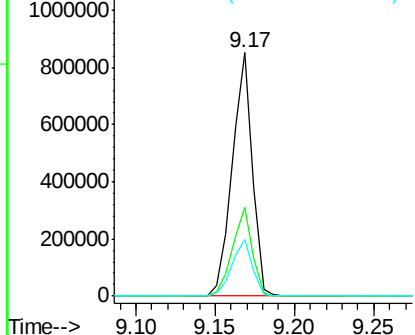


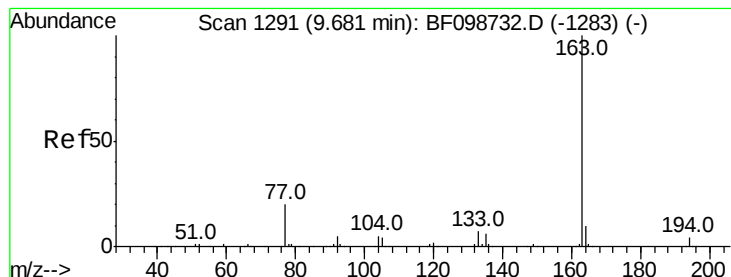
#44
 2-Fluorobiphenyl
 Concen: 71.793 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.5	19.6	29.4



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





#49

Dimethylphthalate

Concen: 4.315 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1

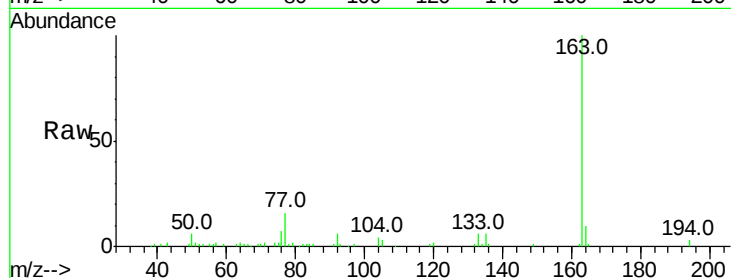
Tot Ion:163 Resp: 56642

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

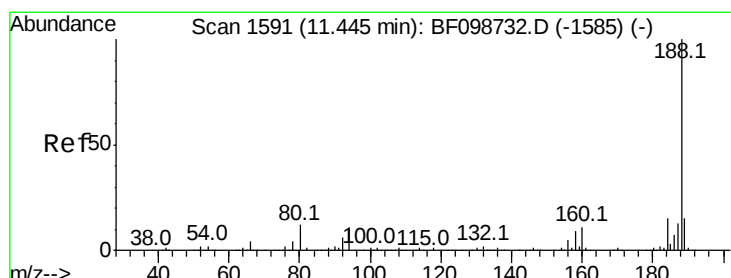
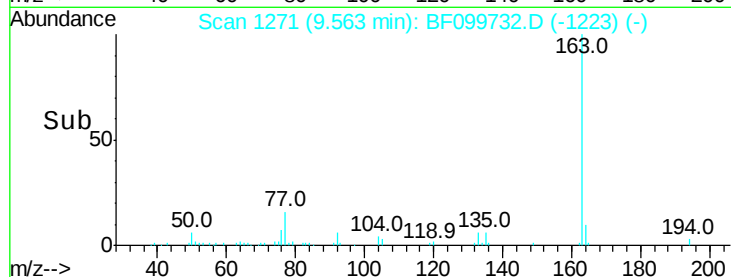
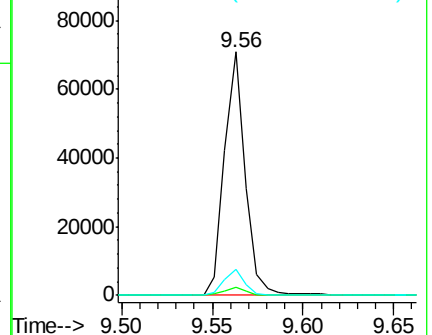
164 10.5 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

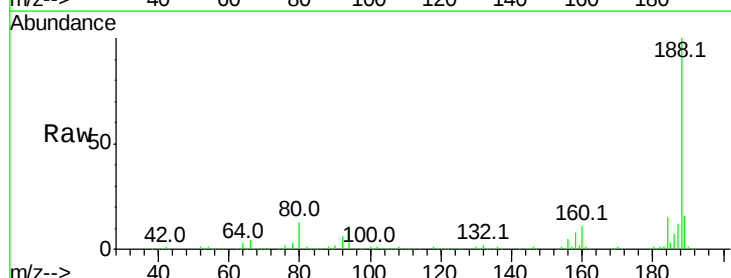
Tgt Ion:188 Resp: 292737

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

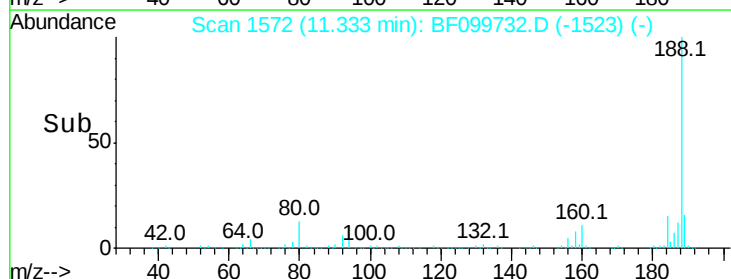
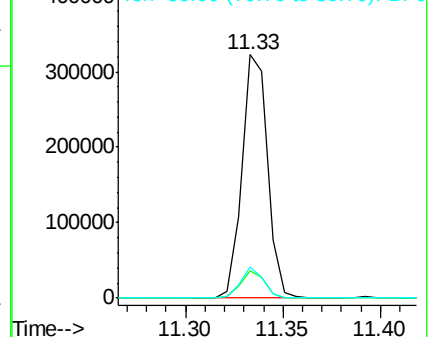
80 12.6 9.2 13.8

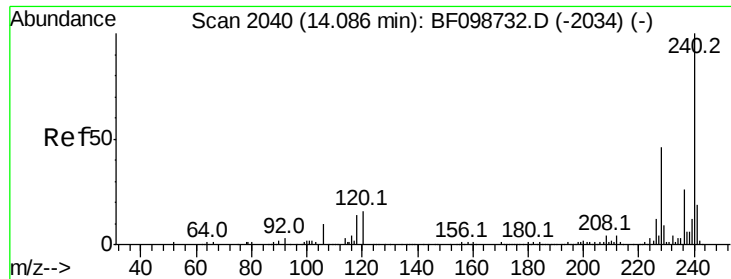


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

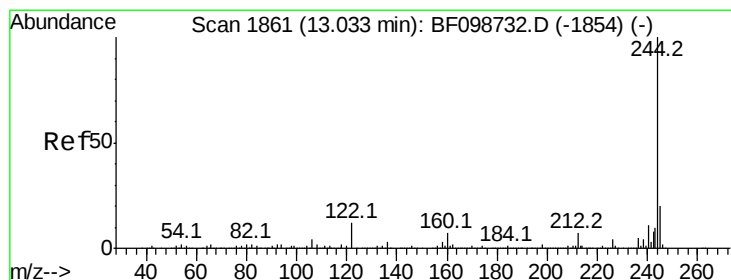
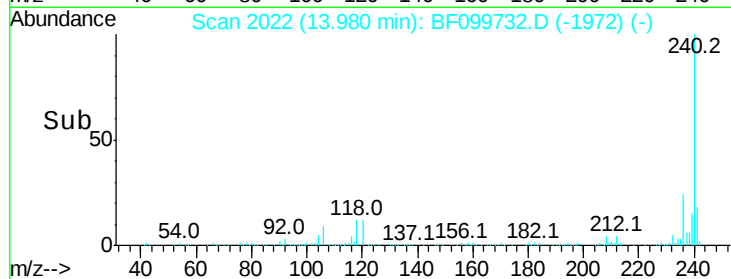
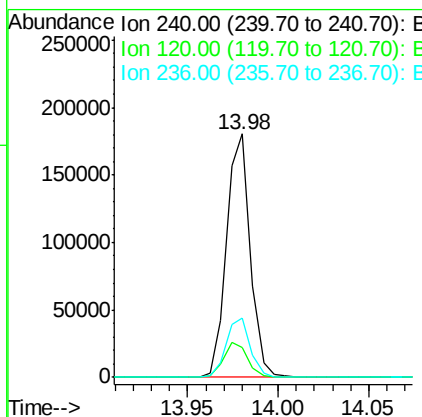
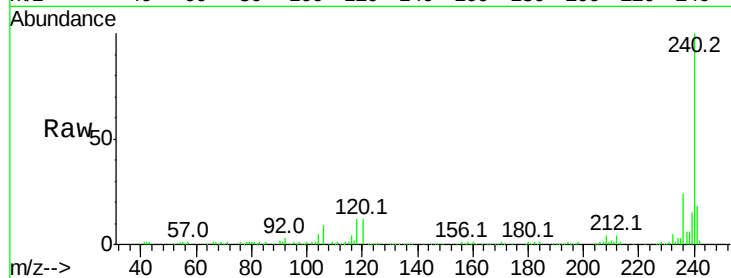




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

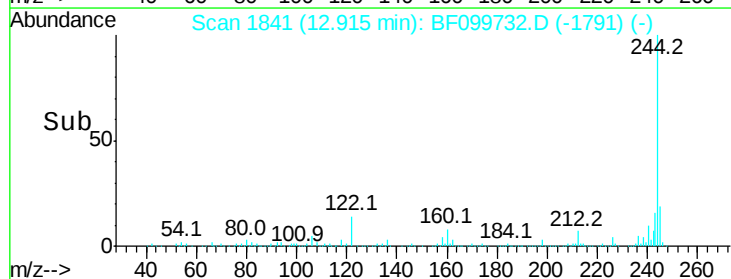
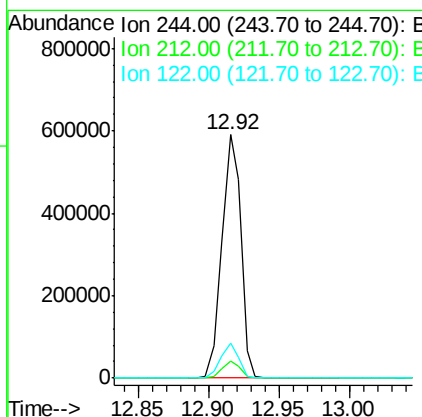
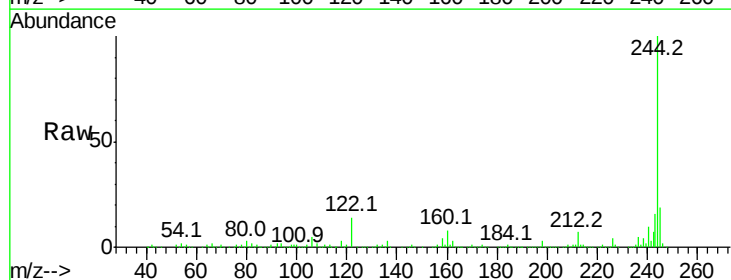
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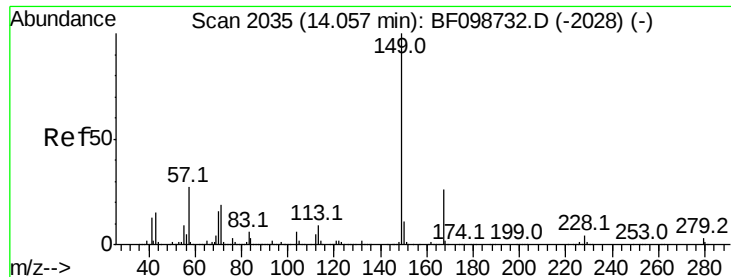
Tot Ion:240 Resp: 164725
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.256 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Tgt Ion:244 Resp: 552339
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.271 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1

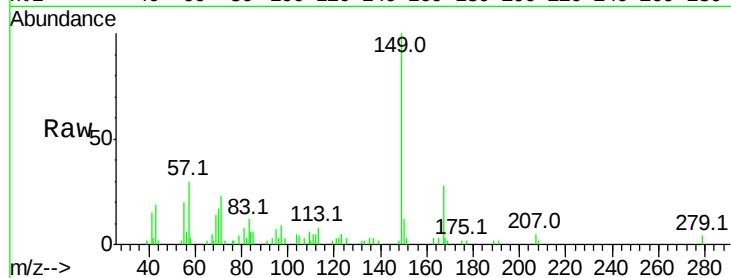
Tot Ion:149 Resp: 18464

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

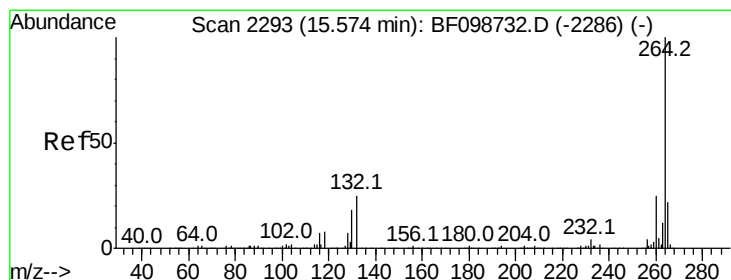
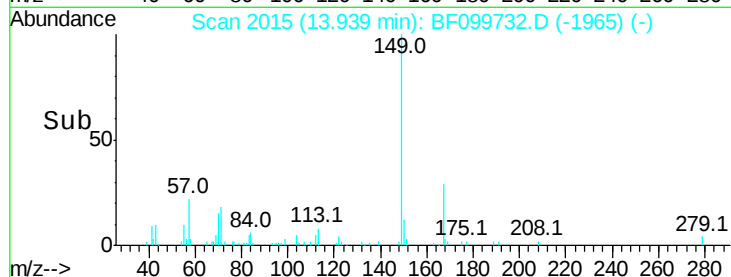
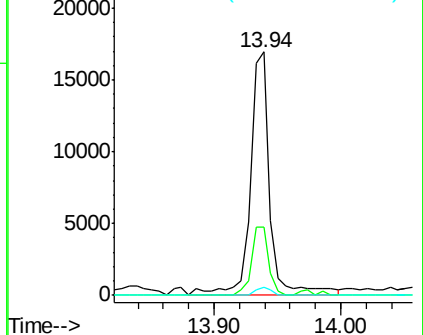
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

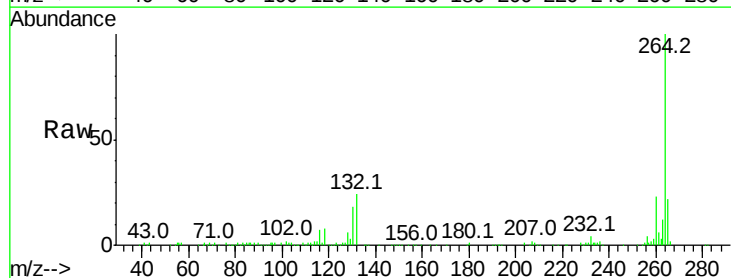
Tgt Ion:264 Resp: 161510

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.9 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

