

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093581.D
 Acq On : 11 Mar 2017 21:38
 Operator : SJ/MA
 Sample : I2228-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-TP3

Quant Time: Mar 13 16:49:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

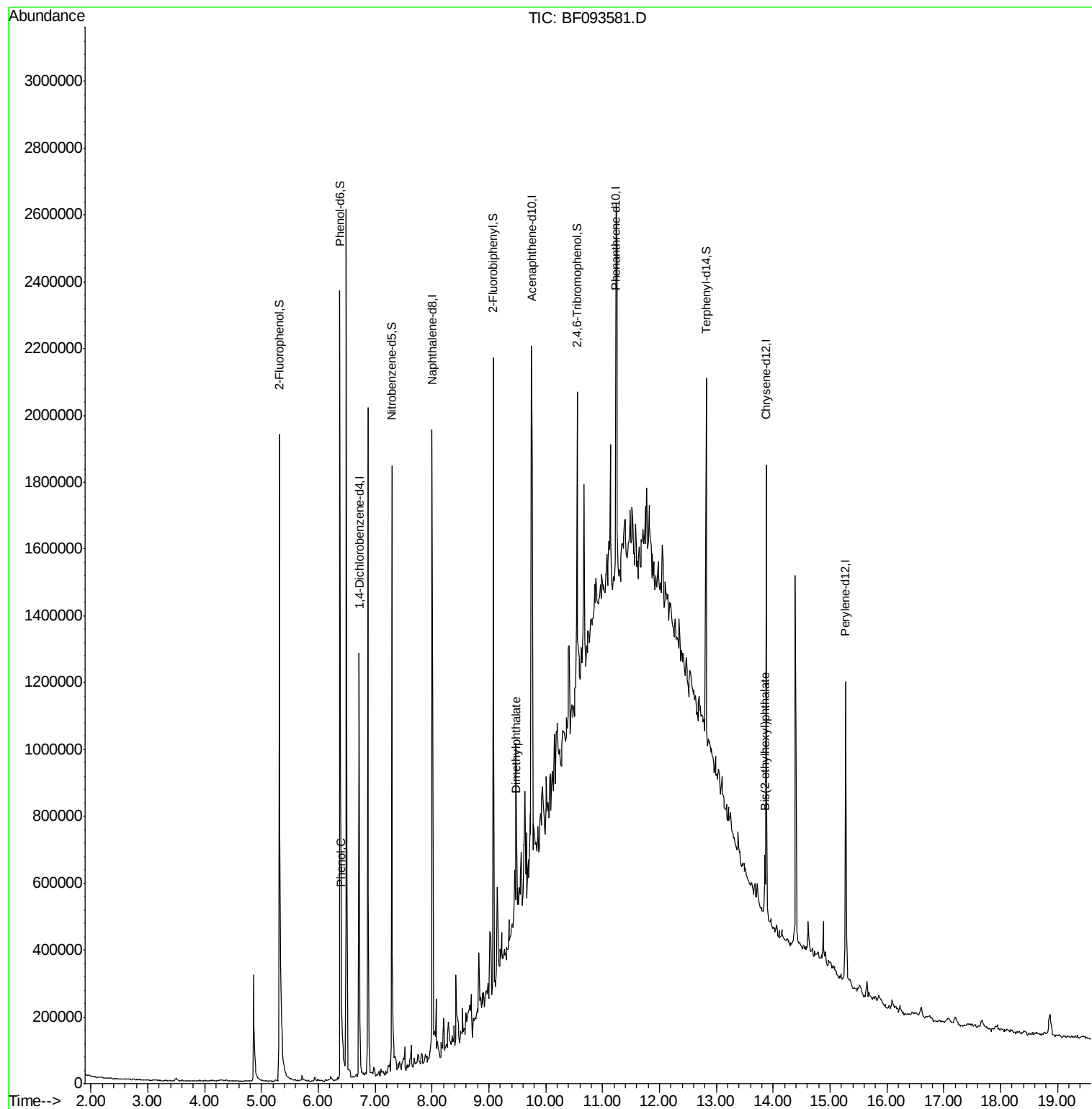
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	263330	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	1016150	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	428144	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	629269	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	495121	20.00	ng	-0.01
86) Perylene-d12	15.27	264	457044	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	734640	46.43	ng	0.00
7) Phenol-d6	6.38	99	1026154	51.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	590535	32.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	111927	40.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	686201	29.81	ng	-0.01
78) Terphenyl-d14	12.82	244	406958	21.37	ng	0.00
Target Compounds						
10) Phenol	6.40	94	52929	2.16	ng	93
49) Dimethylphthalate	9.49	163	103450	3.64	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	62104	2.94	ng	# 94

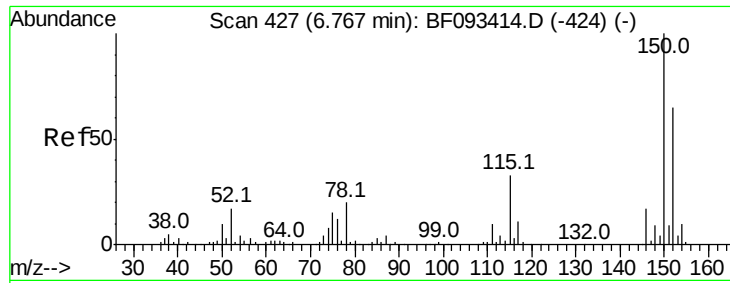
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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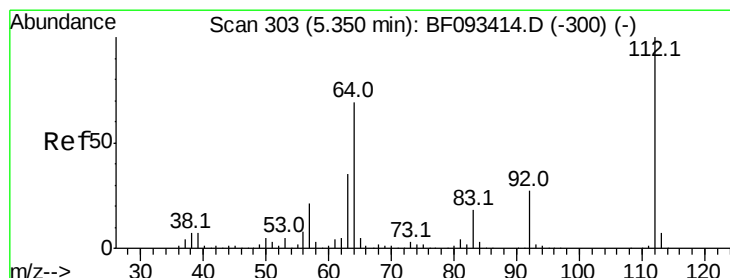
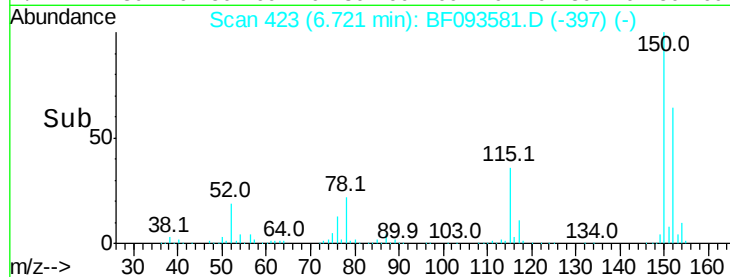
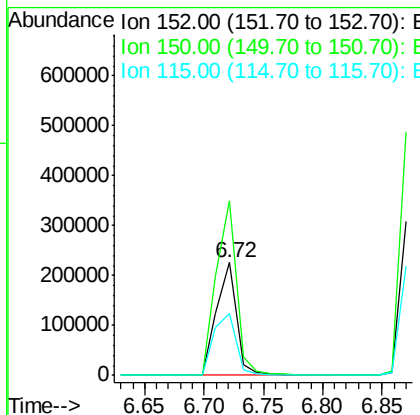
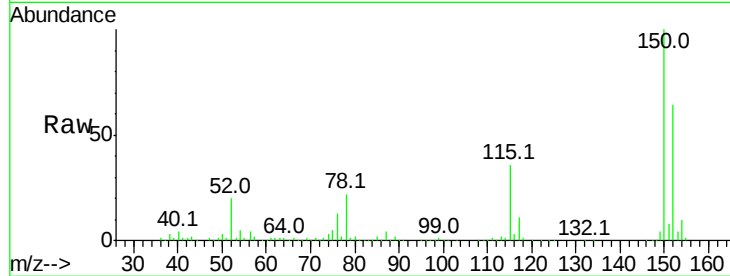


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF093581.D
 Acq: 11 Mar 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 TEC-TP3

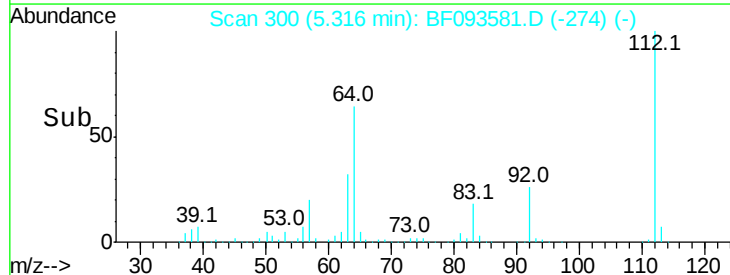
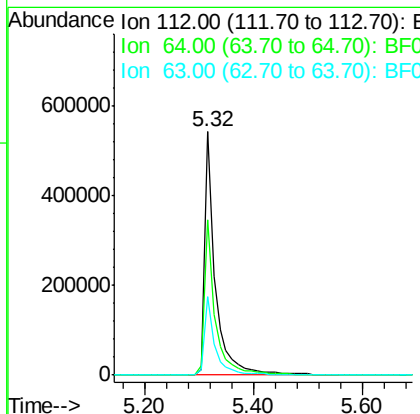
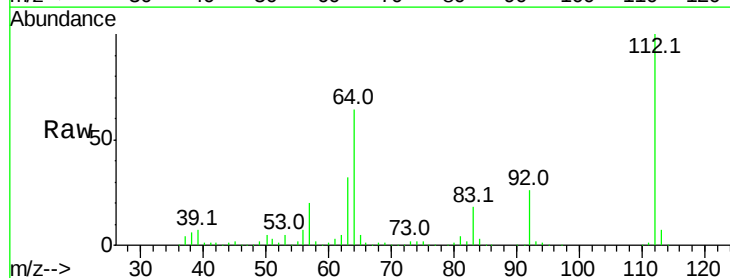
Tot Ion:152 Resp: 263330
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 55.1 46.0 69.0

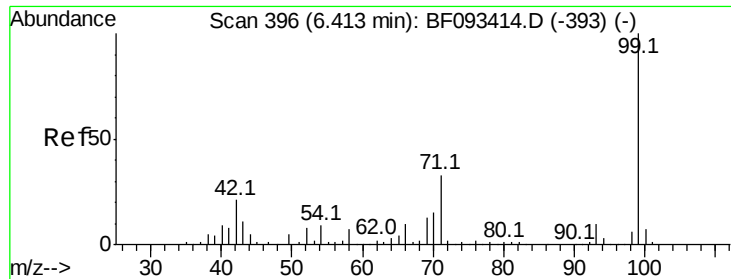


#5

2-Fluorophenol
 Concen: 46.43 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093581.D
 Acq: 11 Mar 2017 21:38

Tgt Ion:112 Resp: 734640
 Ion Ratio Lower Upper
 112 100
 64 63.6 46.1 69.1
 63 32.2 23.8 35.6





#7

Phenol-d6

Concen: 51.43 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

Instrument :

BNA_F

ClientSampled :

TEC-TP3

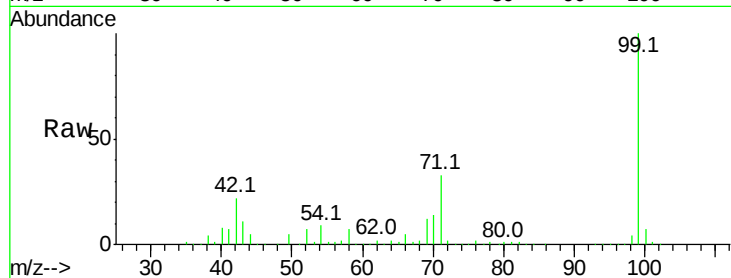
Tot Ion: 99 Resp: 1026154

Ion Ratio Lower Upper

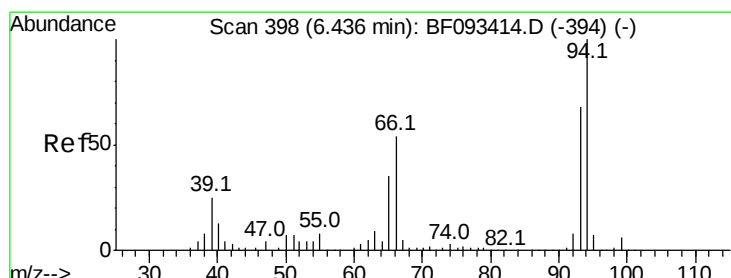
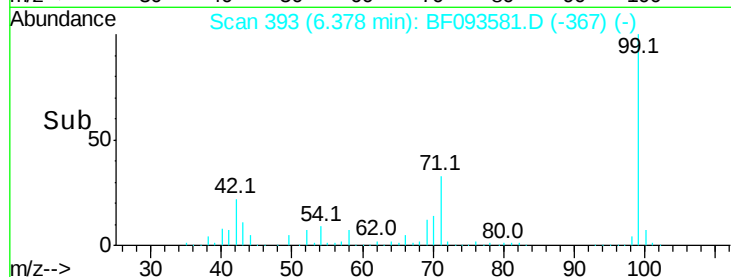
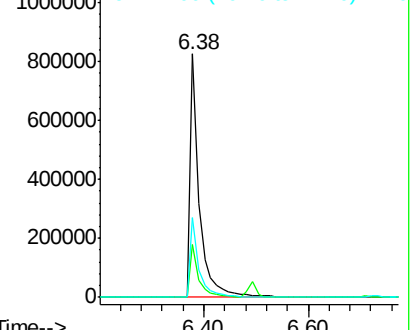
99 100

42 21.6 15.6 23.4

71 32.7 27.5 41.3



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: 2.16 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

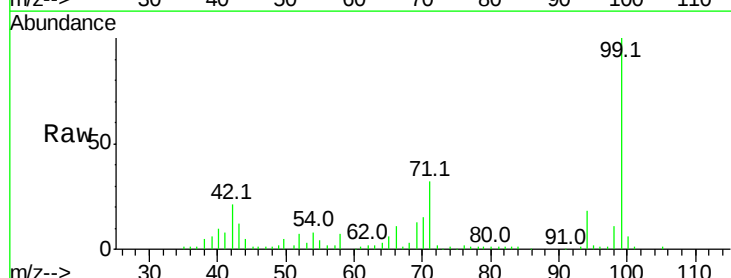
Tgt Ion: 94 Resp: 52929

Ion Ratio Lower Upper

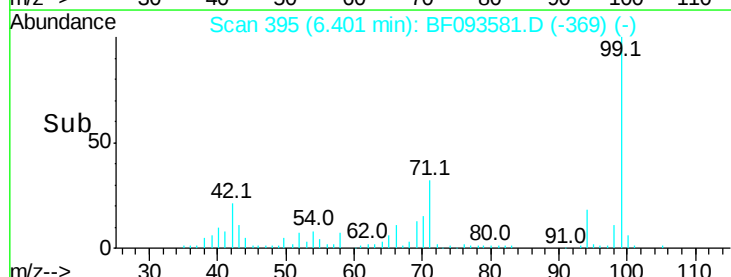
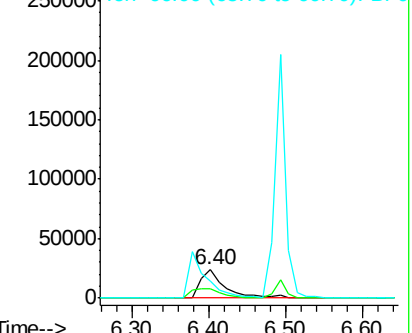
94 100

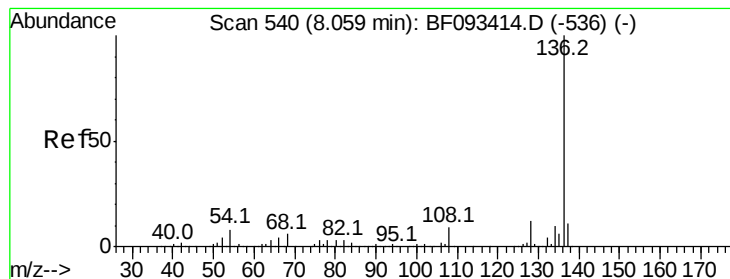
65 34.7 21.4 61.4

66 60.4 44.0 84.0



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: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

Instrument :

BNA_F

ClientSampleId :

TEC-TP3

Tot Ion:136 Resp: 1016150

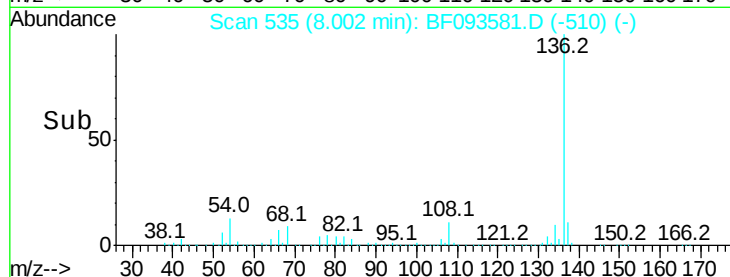
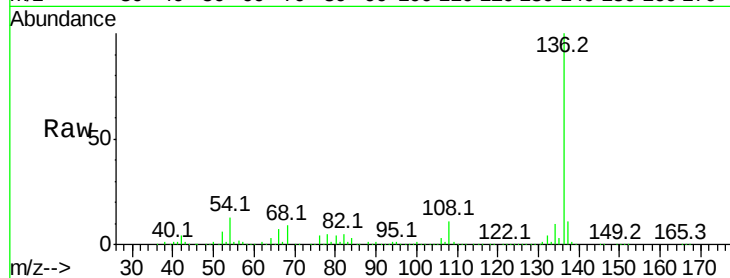
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 13.2 4.5 6.7#

68 9.2 3.6 5.4#

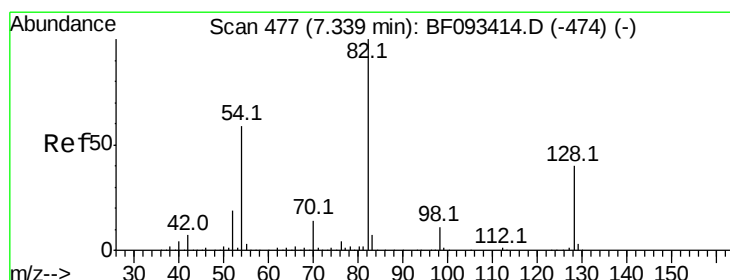
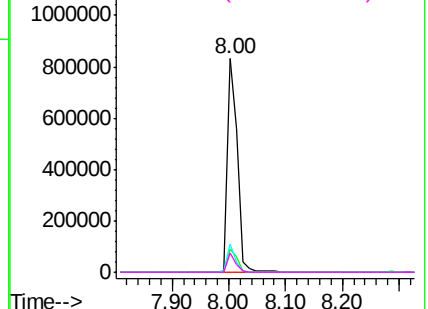


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.24 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

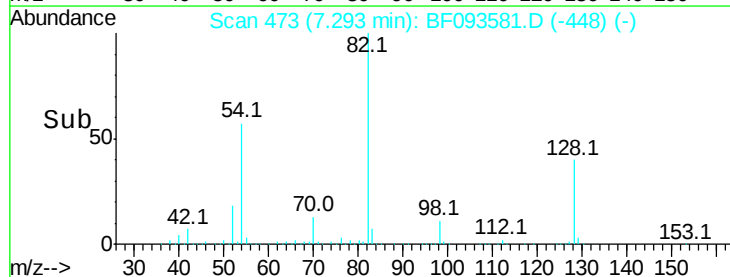
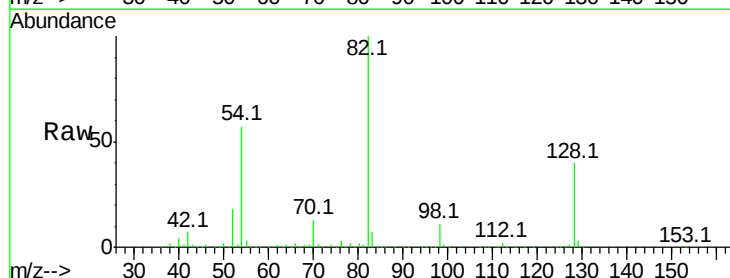
Tgt Ion: 82 Resp: 590535

Ion Ratio Lower Upper

82 100

128 39.9 34.6 52.0

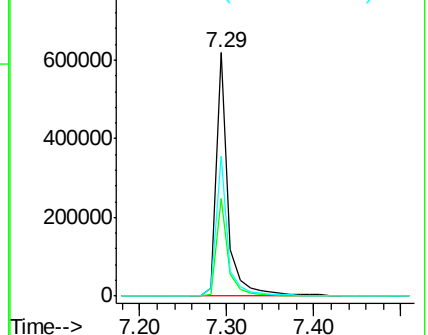
54 57.4 39.5 59.3

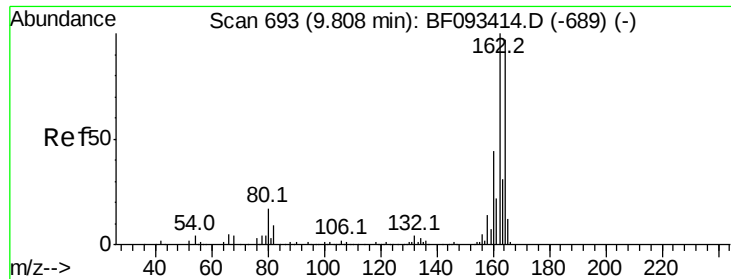


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

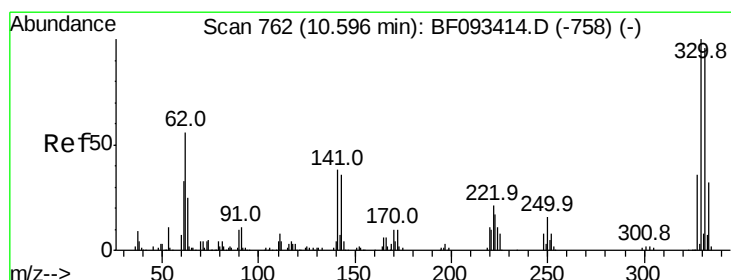
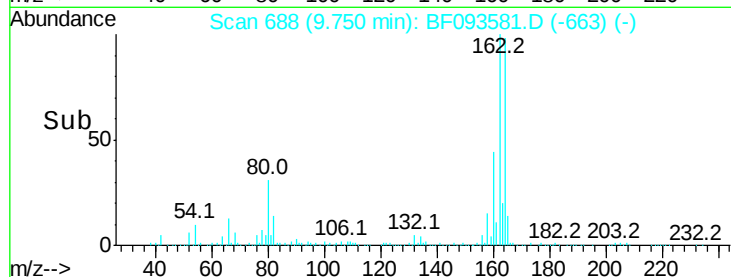
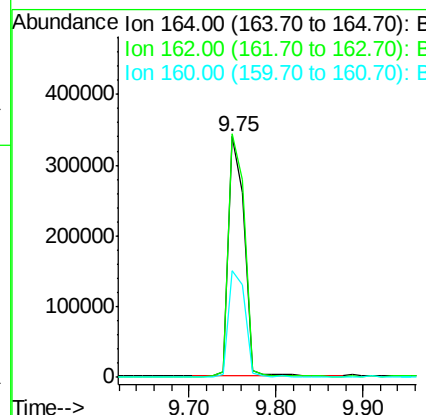
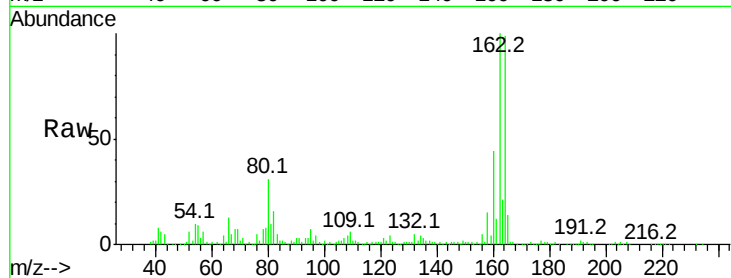




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093581.D
Acq: 11 Mar 2017 21:38

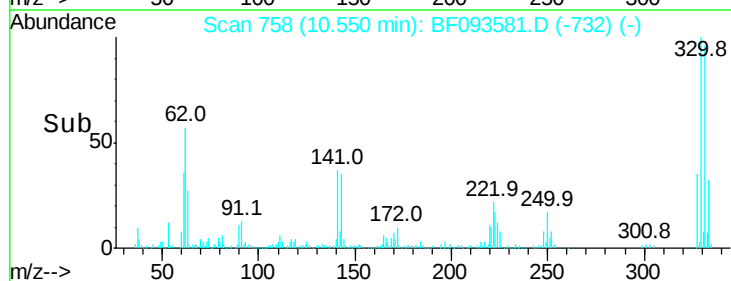
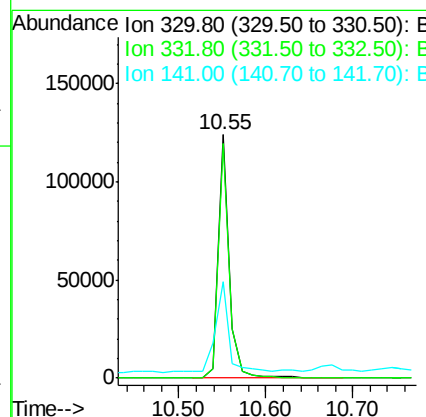
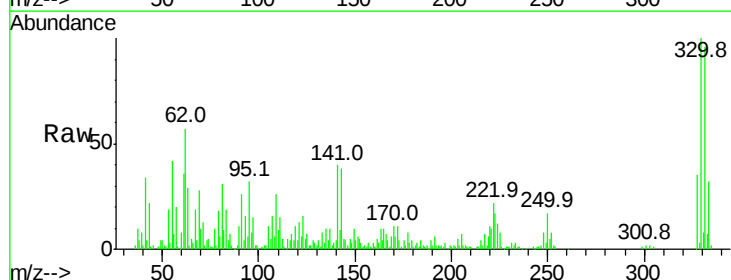
Instrument :
BNA_F
ClientSampleId :
TEC-TP3

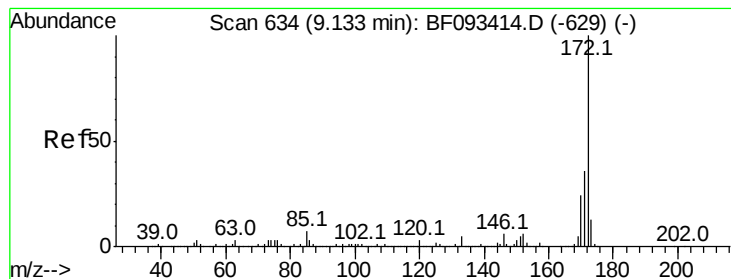
Tot Ion:164 Resp: 428144
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 40.13 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093581.D
Acq: 11 Mar 2017 21:38

Tgt Ion:330 Resp: 111927
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 42.7 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 29.81 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

Instrument :

BNA_F

ClientSampleId :

TEC-TP3

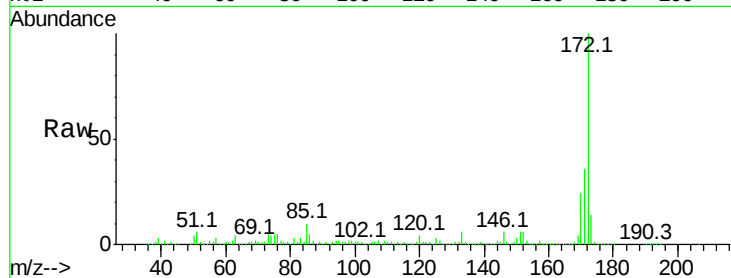
Tot Ion:172 Resp: 686201

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

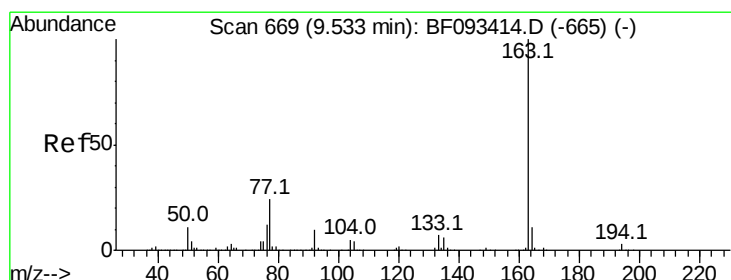
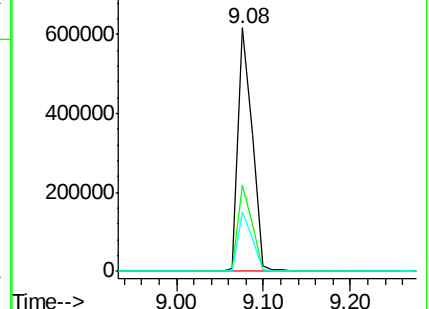
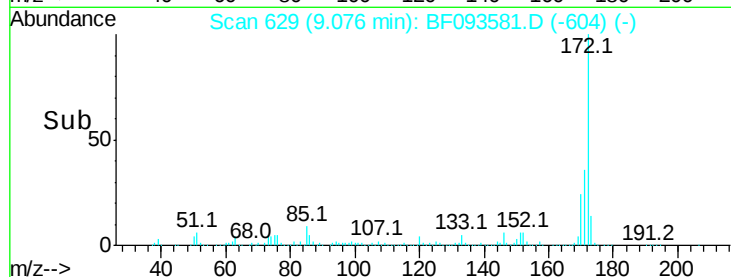
170 24.3 20.2 30.4



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: 3.64 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

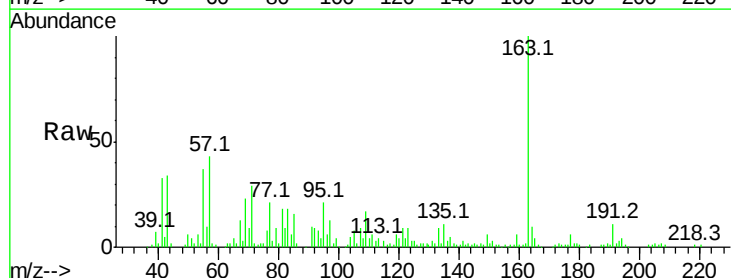
Tgt Ion:163 Resp: 103450

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

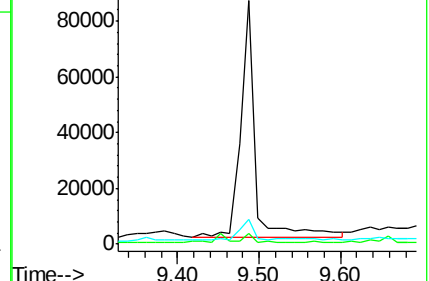
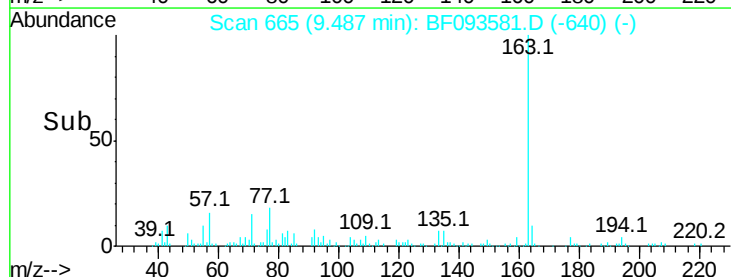
164 10.3 8.0 12.0

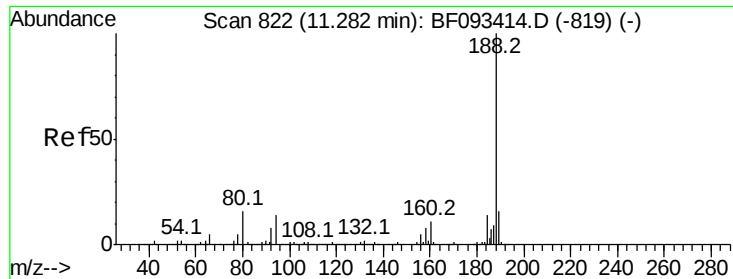


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

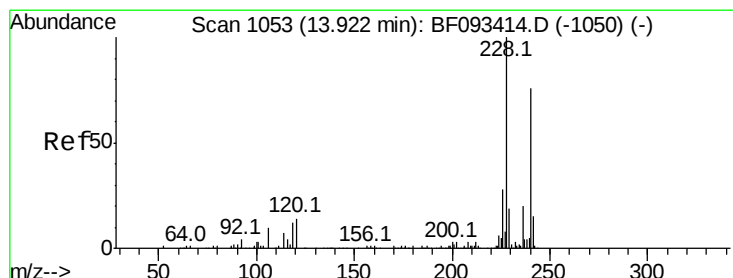
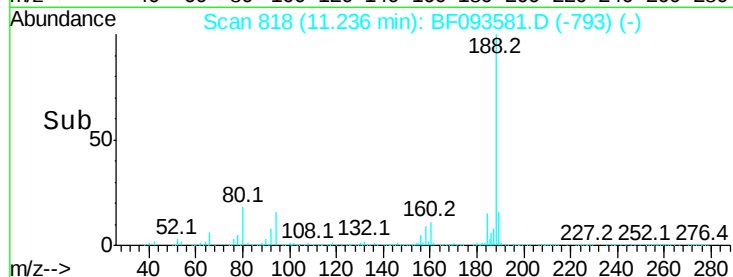
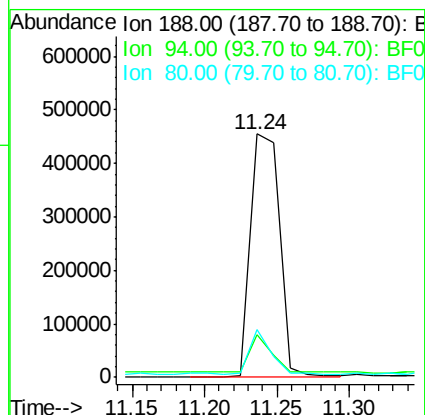
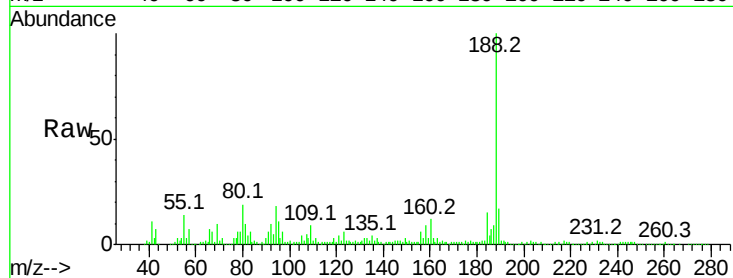




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093581.D
Acq: 11 Mar 2017 21:38

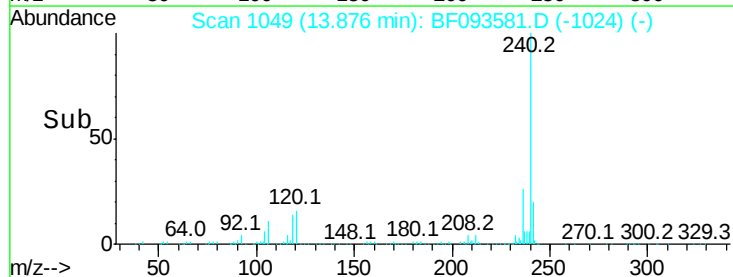
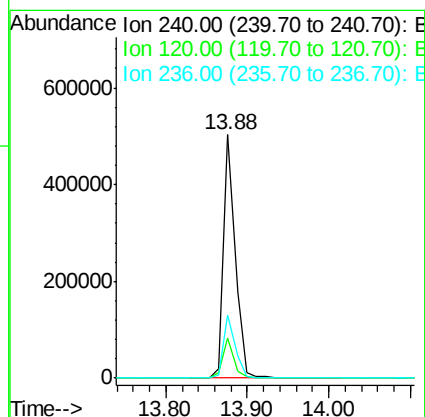
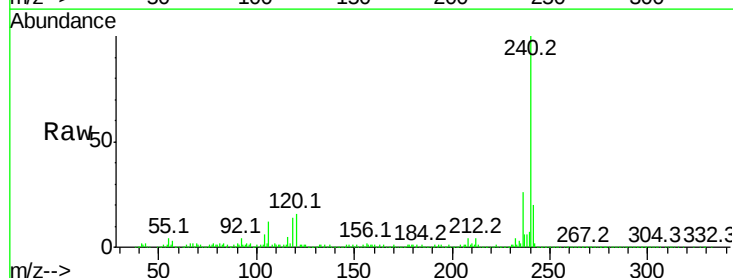
Instrument :
BNA_F
ClientSampleId :
TEC-TP3

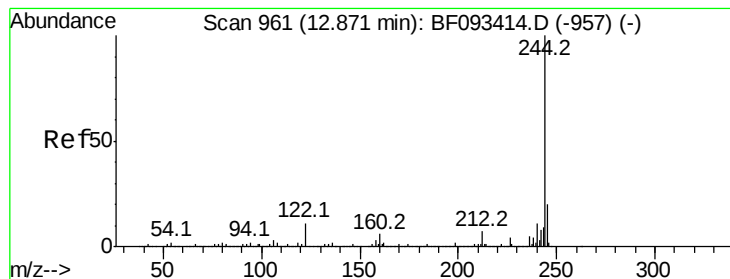
Tot Ion:188 Resp: 629269
Ion Ratio Lower Upper
188 100
94 17.6 10.0 15.0#
80 19.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093581.D
Acq: 11 Mar 2017 21:38

Tgt Ion:240 Resp: 495121
Ion Ratio Lower Upper
240 100
120 16.4 12.9 19.3
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 21.37 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

Instrument :

BNA_F

ClientSampled :

TEC-TP3

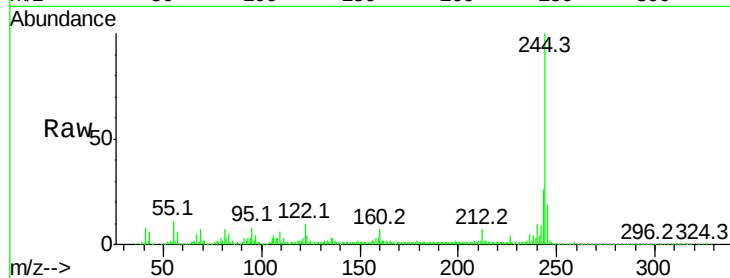
Tot Ion:244 Resp: 406958

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

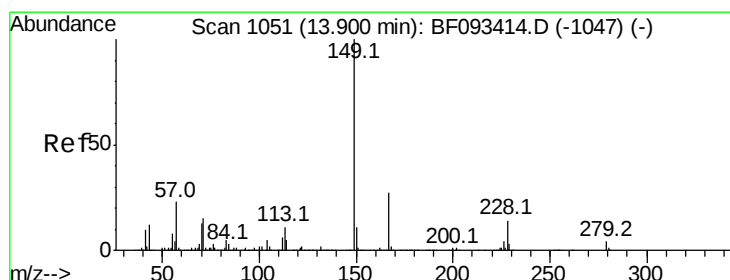
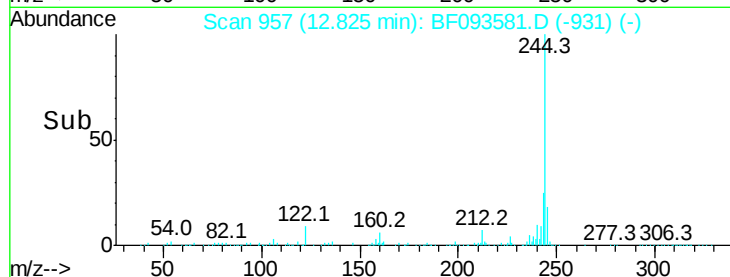
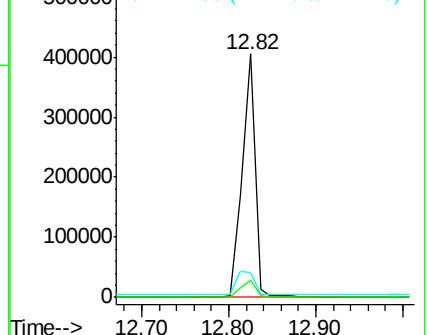
122 10.3 11.4 17.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.94 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093581.D

Acq: 11 Mar 2017 21:38

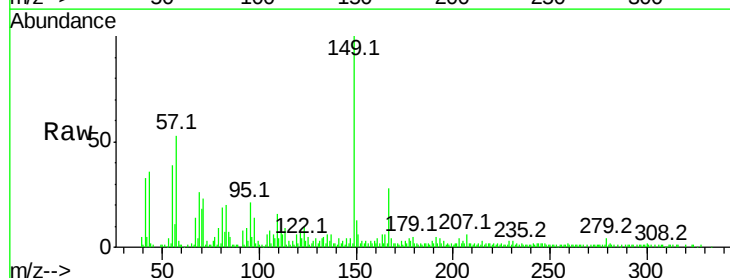
Tgt Ion:149 Resp: 62104

Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

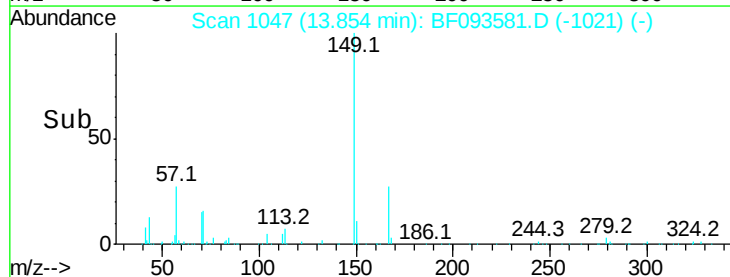
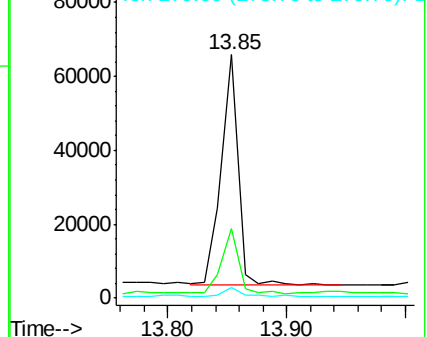
279 4.3 1.8 2.8#

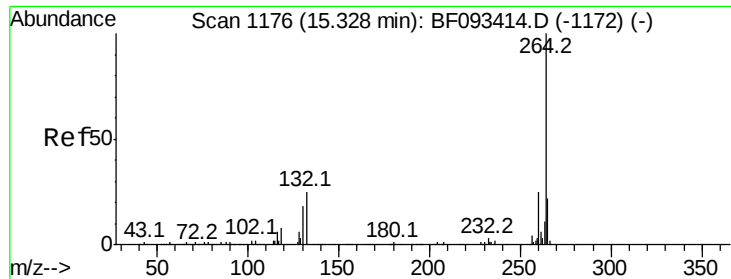


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

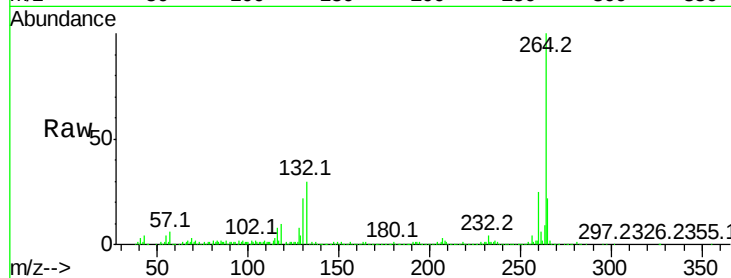




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093581.D
Acq: 11 Mar 2017 21:38

Instrument :
BNA_F
ClientSampleId :
TEC-TP3

Tot Ion:264 Resp: 457044
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.5 17.4 26.0



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

