

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101615.D
 Acq On : 21 Dec 2017 19:00
 Operator : SJ/JU
 Sample : I6957-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Quant Time: Dec 22 01:17:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

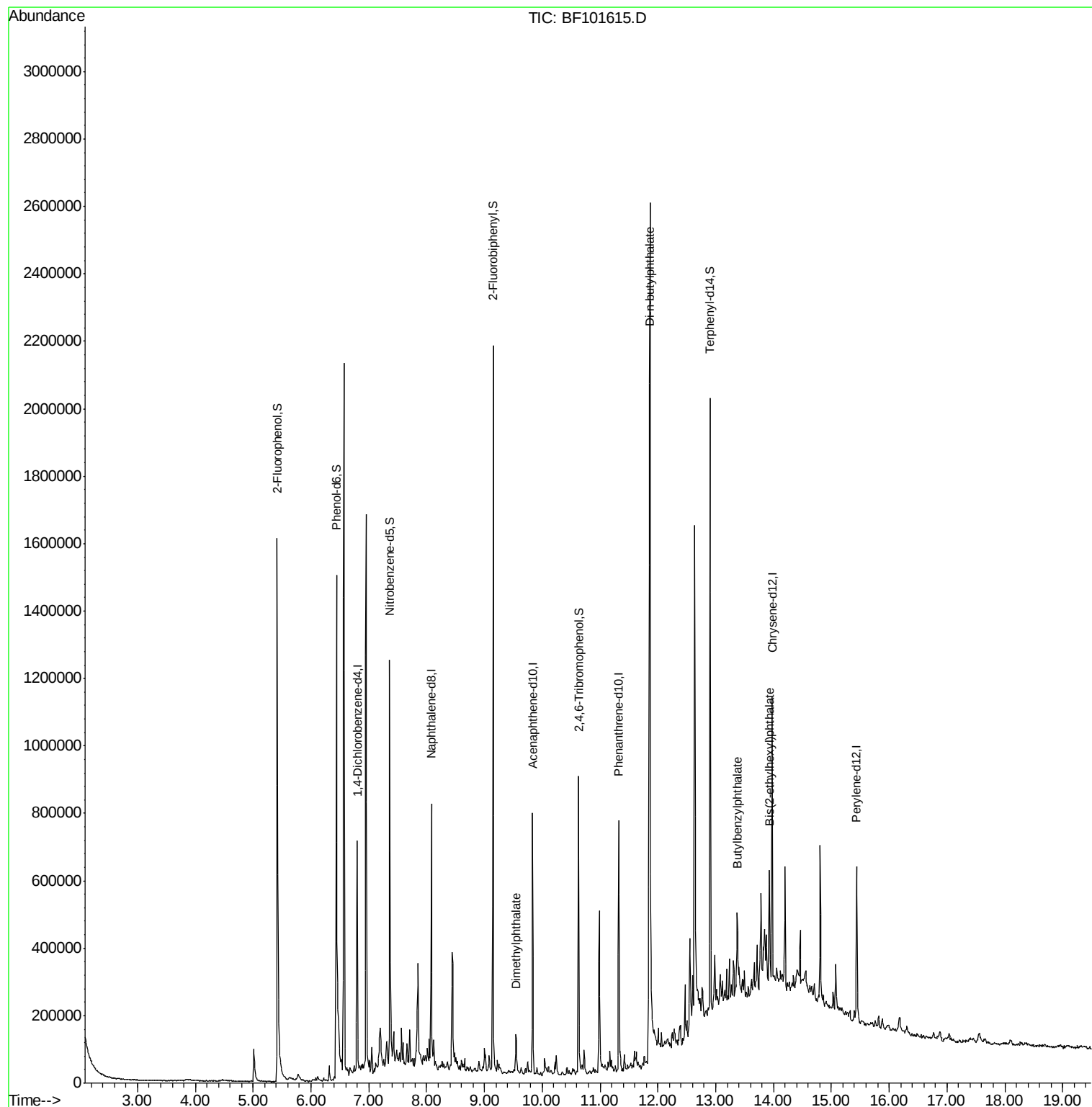
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109687	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	387607	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	141301	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	250709	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269800	20.00	ng	0.00
86) Perylene-d12	15.44	264	219646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	598683	81.30	ng	0.00
7) Phenol-d6	6.44	99	684959	74.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	406308	58.35	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99507	73.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	644833	70.79	ng	0.00
78) Terphenyl-d14	12.90	244	586470	52.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	36077	3.174	ng	100
73) Di-n-butylphthalate	11.87	149	47554	2.938	ng	100
79) Butylbenzylphthalate	13.37	149	29760	3.248	ng	94
83) Bis(2-ethylhexyl)phthalate	13.93	149	109407	9.428	ng	99

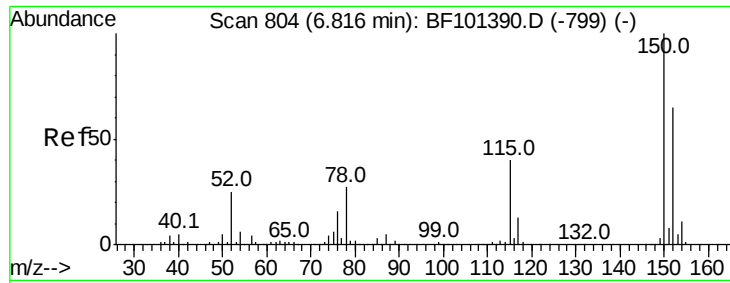
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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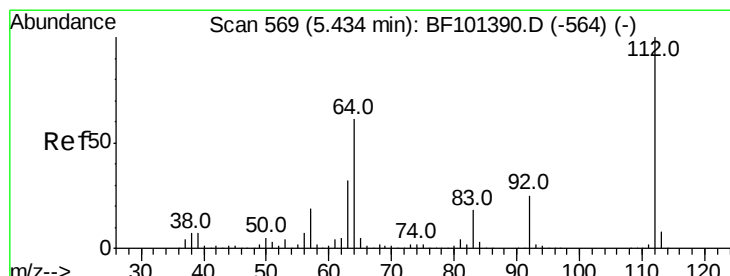
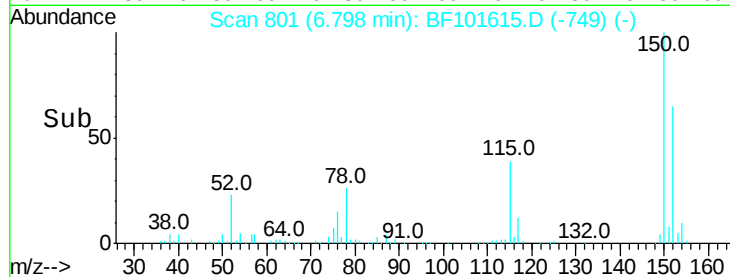
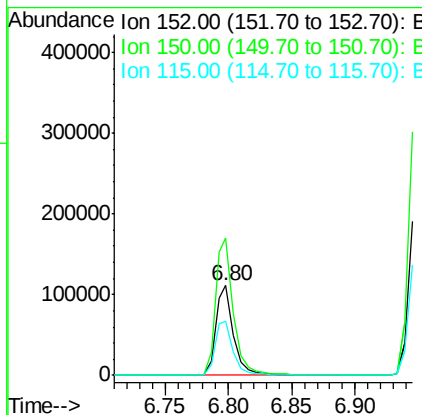
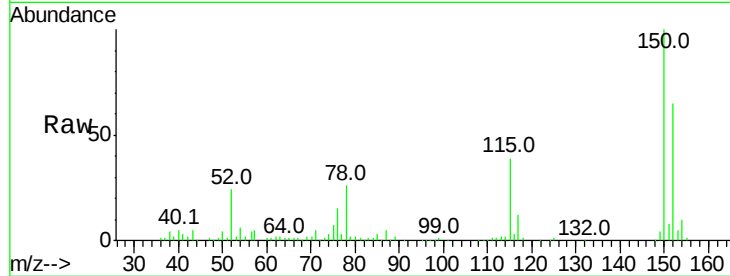


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

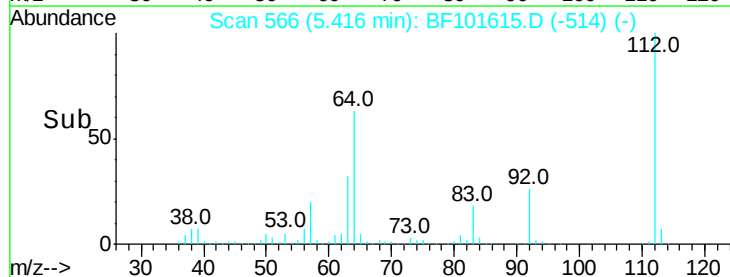
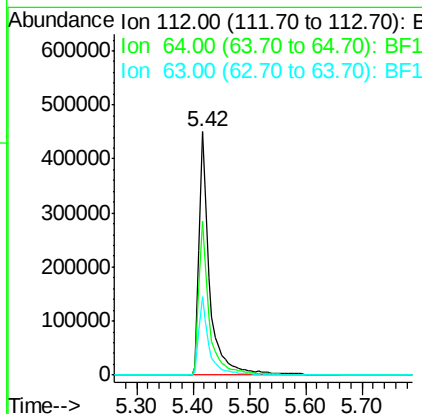
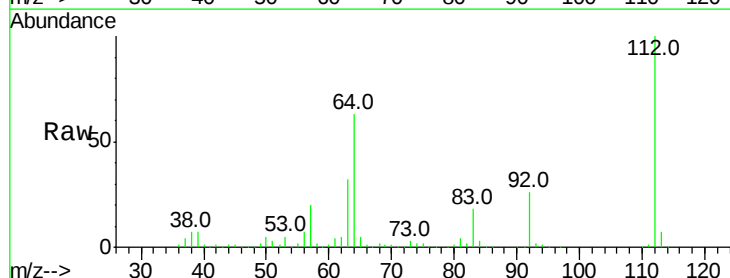
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	60.4	50.1	75.1

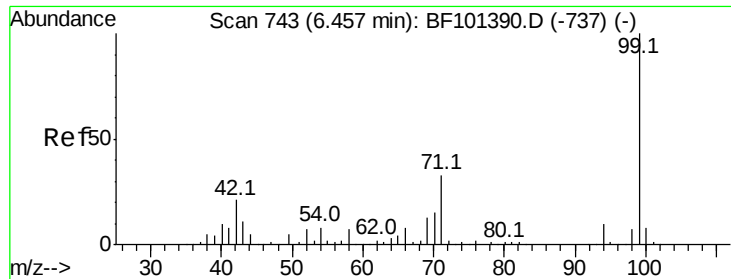


#5

2-Fluorophenol
 Concen: 81.303 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 74.742 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

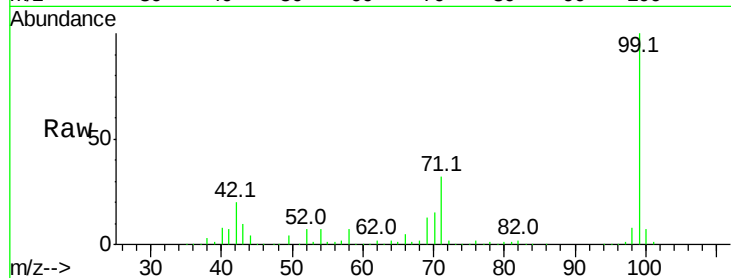
Tot Ion: 99 Resp: 684959

Ion Ratio Lower Upper

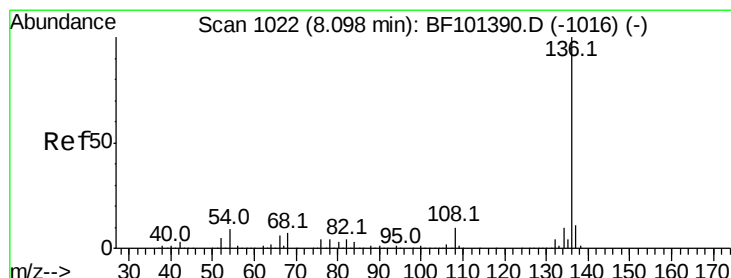
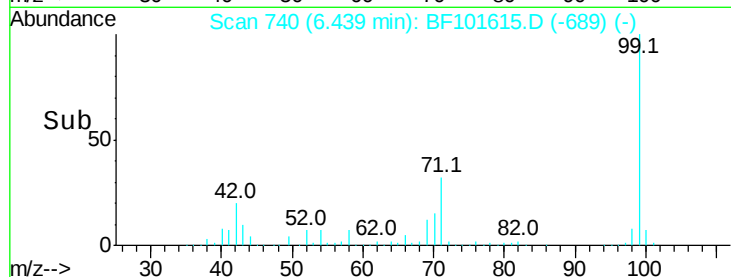
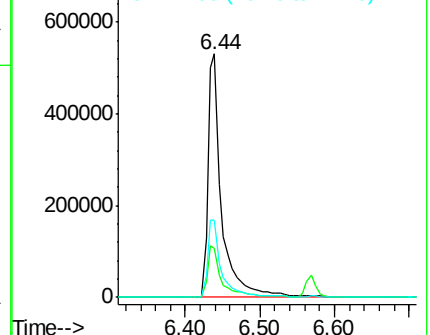
99 100

42 20.0 14.5 21.7

71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

Tgt Ion: 136 Resp: 387607

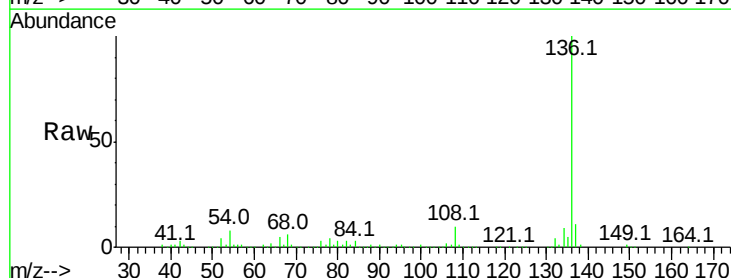
Ion Ratio Lower Upper

136 100

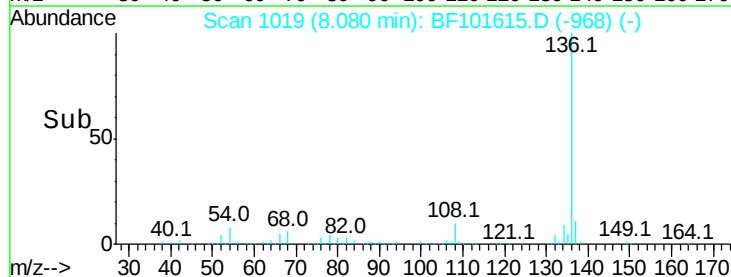
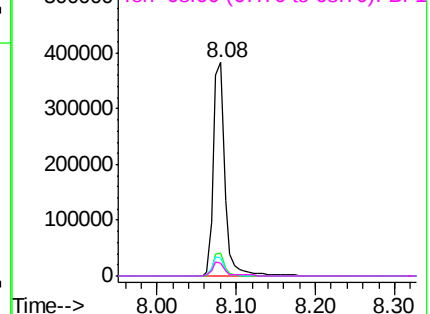
137 10.9 8.9 13.3

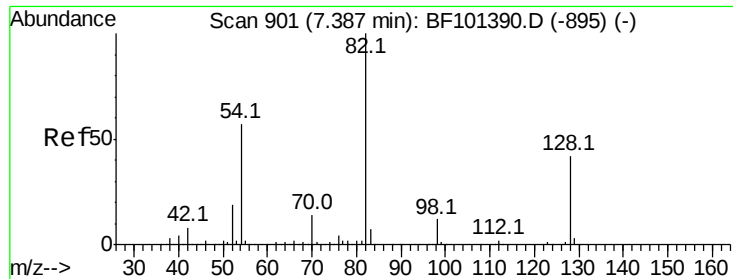
54 8.3 6.6 9.8

68 6.2 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

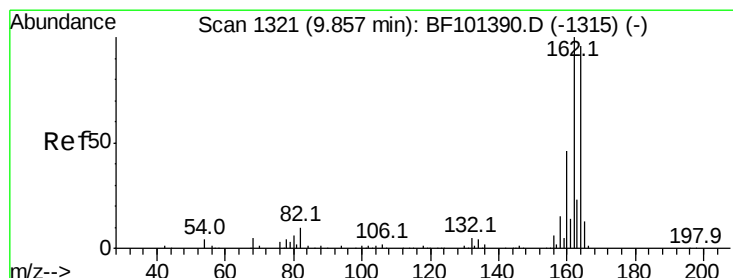
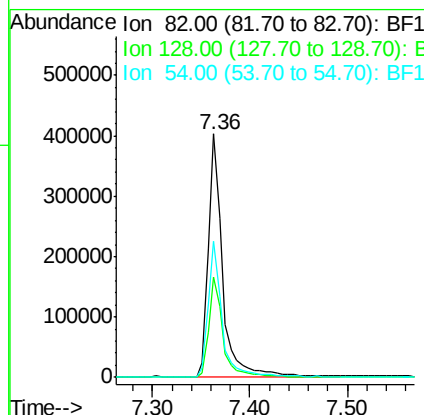
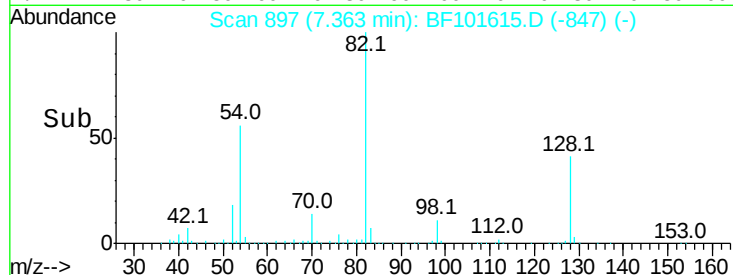
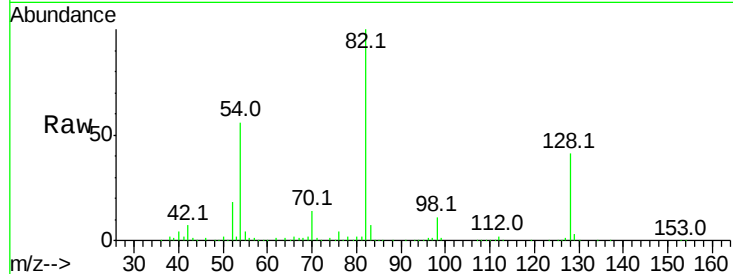




#23
 Nitrobenzene-d5
 Concen: 58.352 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

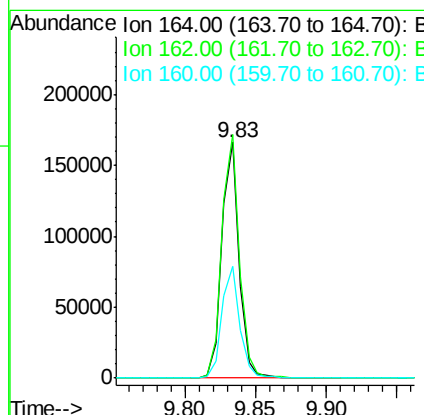
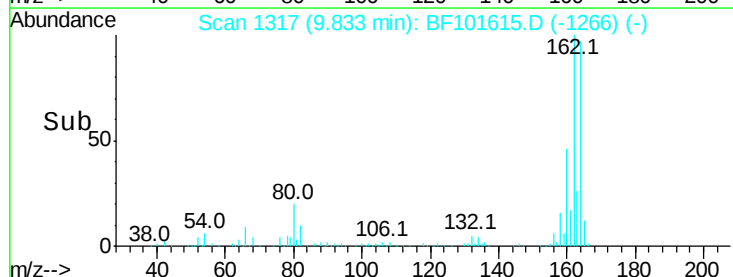
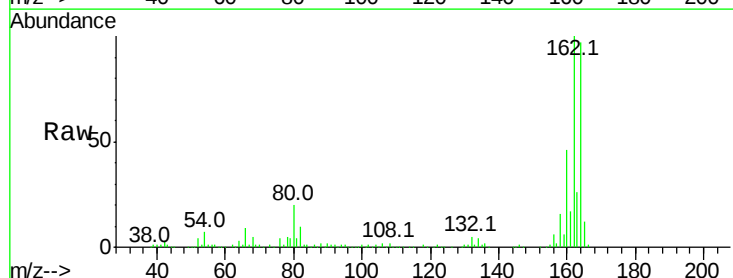
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

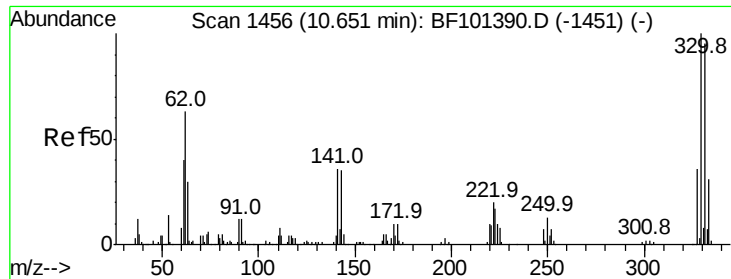
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	55.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.7	38.3	57.5

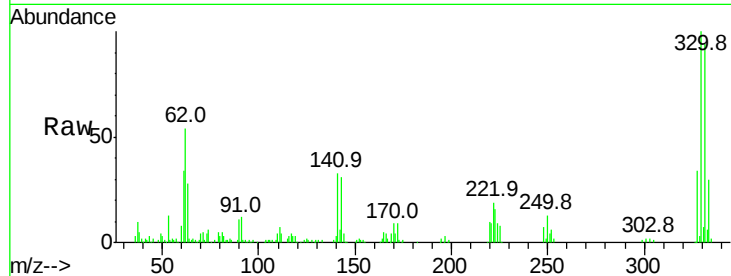




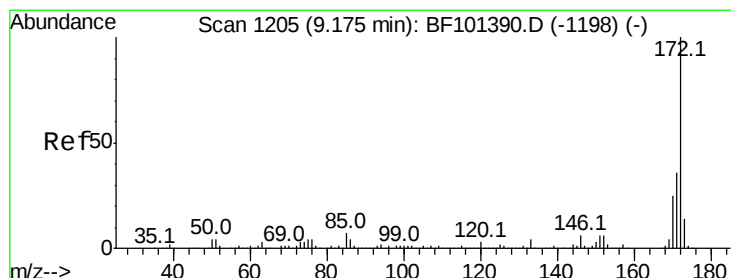
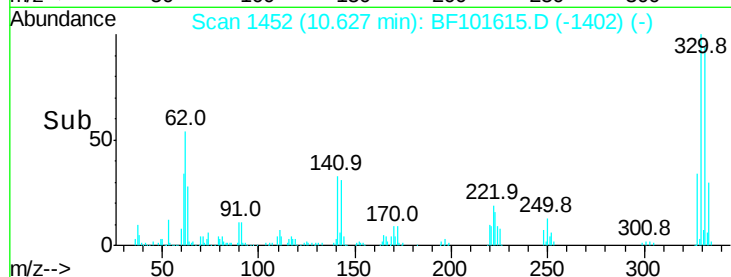
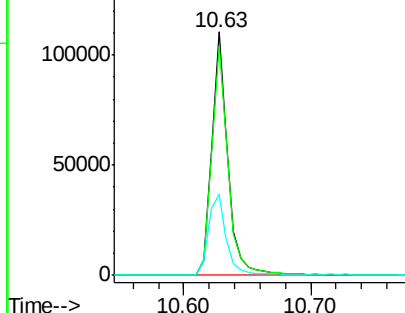
#41
 2,4,6-Tribromophenol
 Concen: 73.084 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Tot Ion:330 Resp: 99507
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.6 29.9 44.9

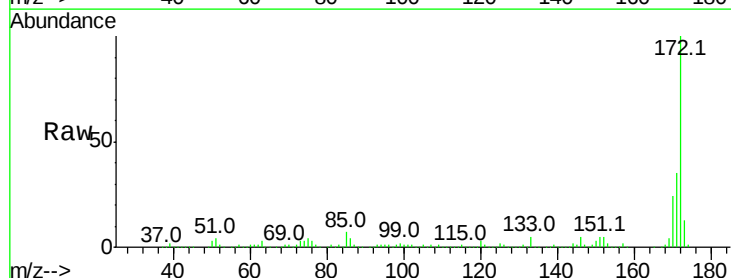


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

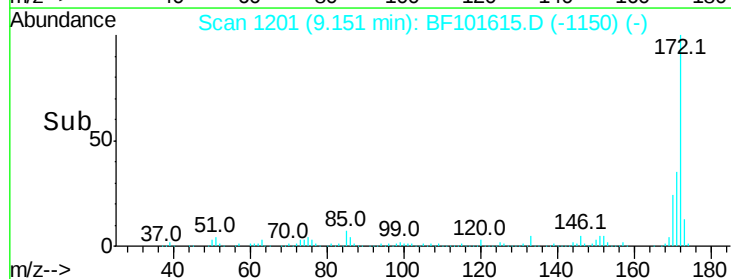
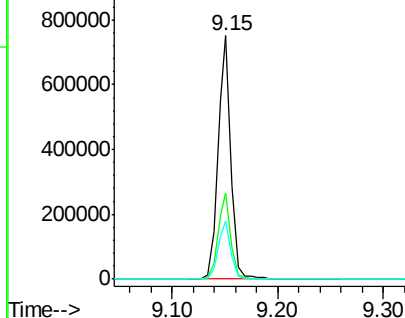


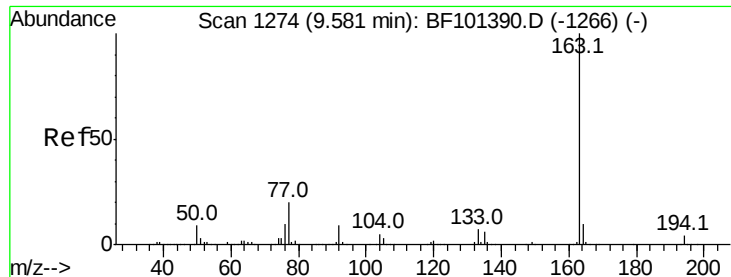
#44
 2-Fluorobiphenyl
 Concen: 70.792 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101615.D
 Acq: 21 Dec 2017 19:00

Tgt Ion:172 Resp: 644833
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.0 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

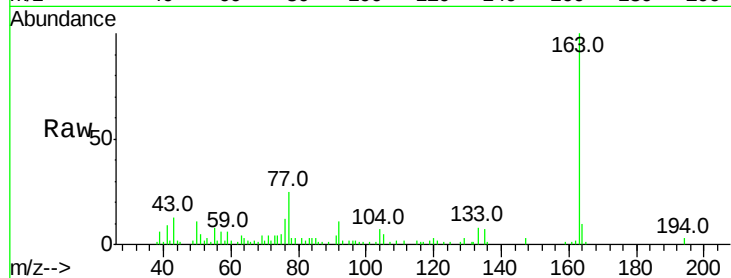




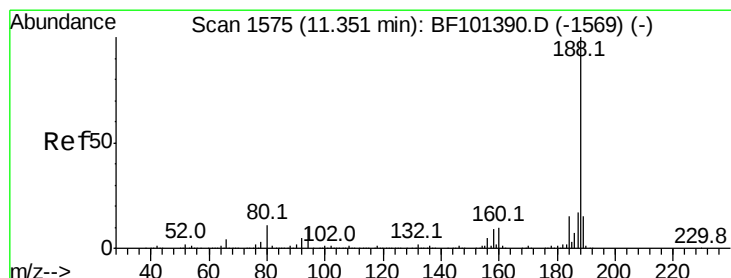
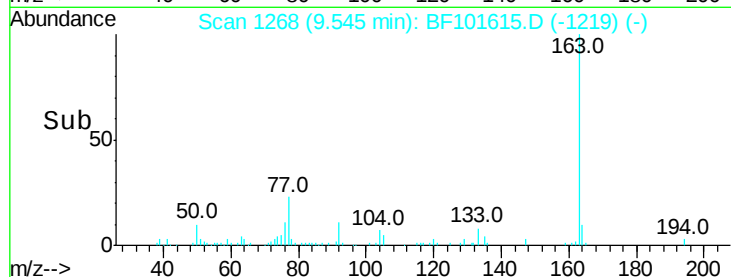
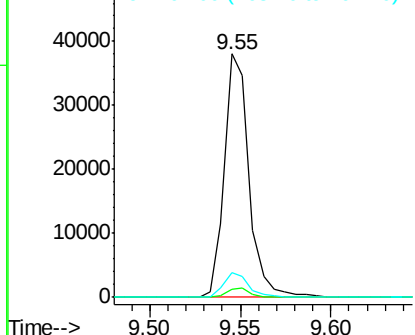
#49
Dimethylphthalate
Concen: 3.174 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101615.D
Acq: 21 Dec 2017 19:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

Tot Ion:163 Resp: 36077
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

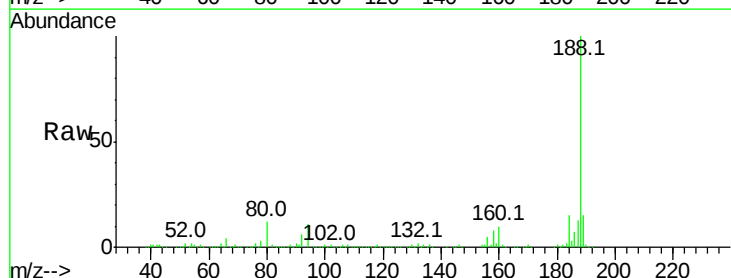


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

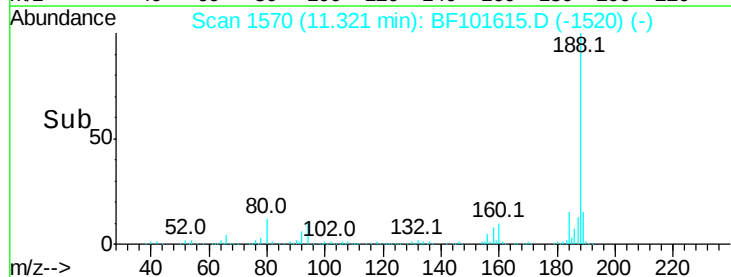
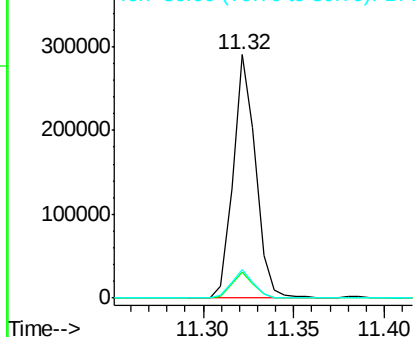


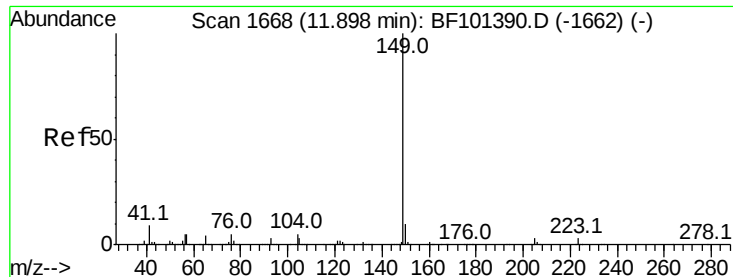
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101615.D
Acq: 21 Dec 2017 19:00

Tgt Ion:188 Resp: 250709
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 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

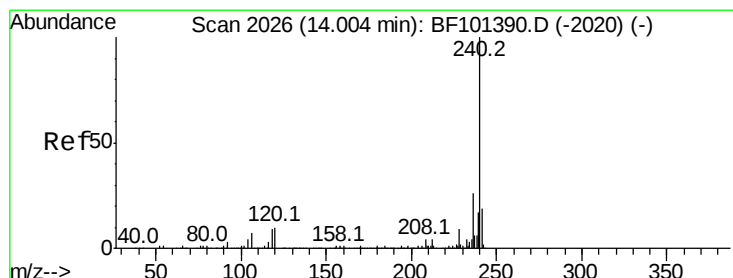
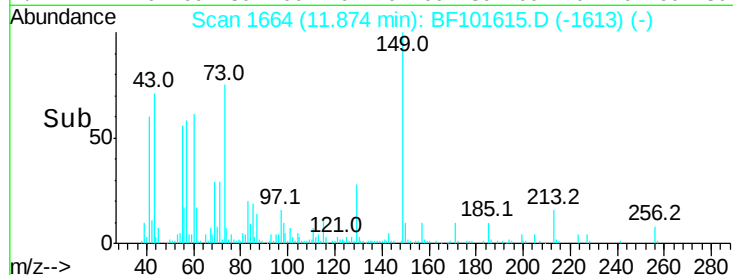
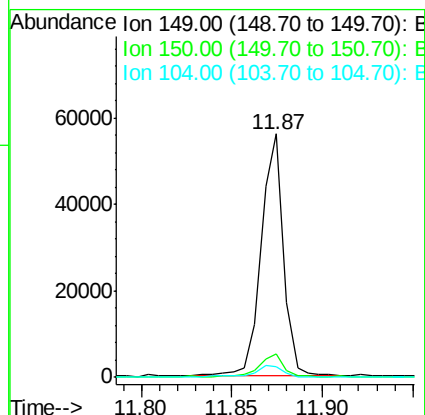
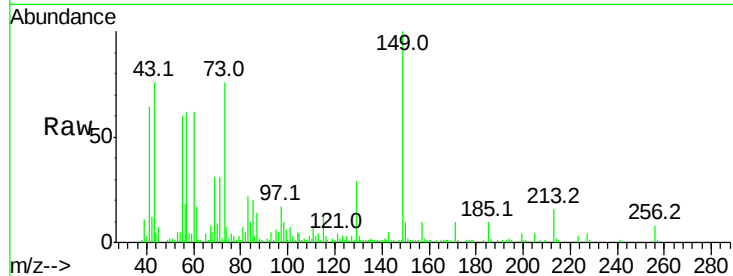




#73
Di-n-butylphthalate
Concen: 2.938 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BF101615.D
Acq: 21 Dec 2017 19:00

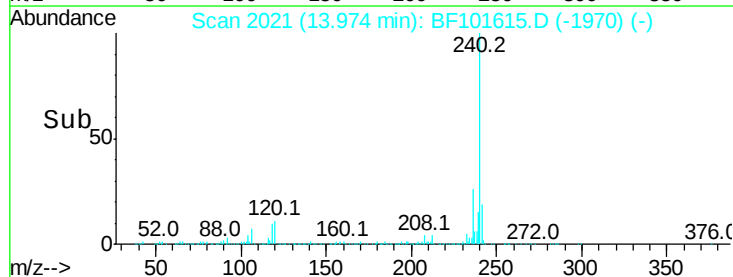
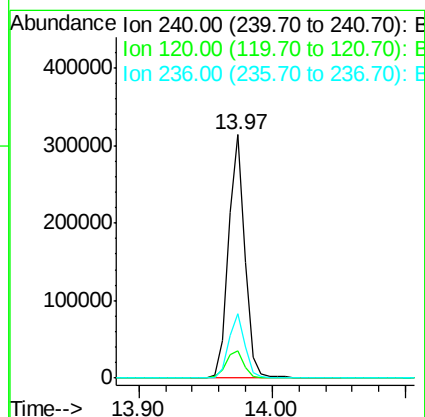
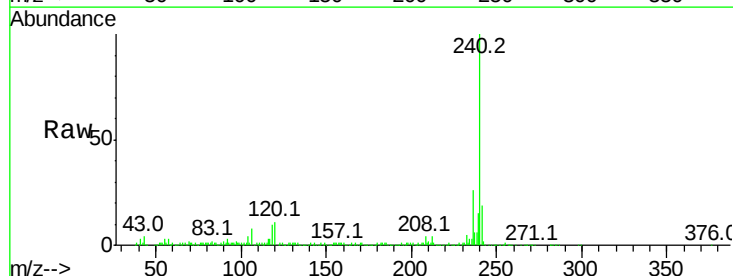
Instrument :
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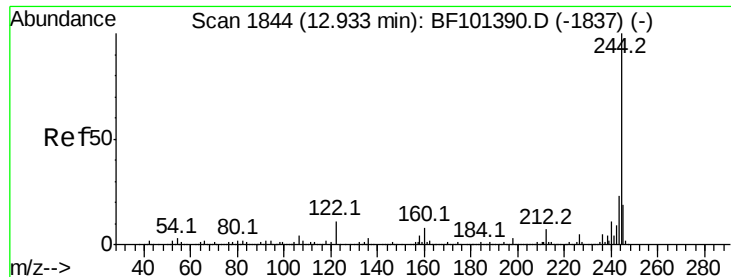
Tot Ion:149 Resp: 47554
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.6 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101615.D
Acq: 21 Dec 2017 19:00

Tgt Ion:240 Resp: 269800
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 52.403 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

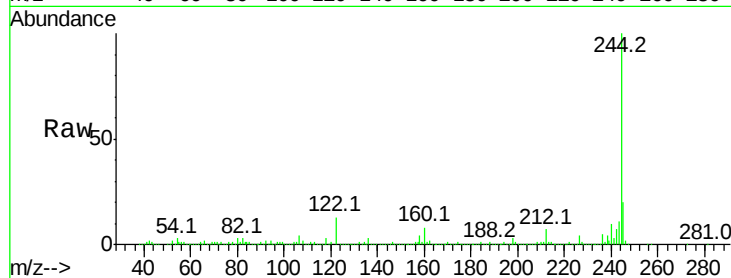
Tot Ion:244 Resp: 586470

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

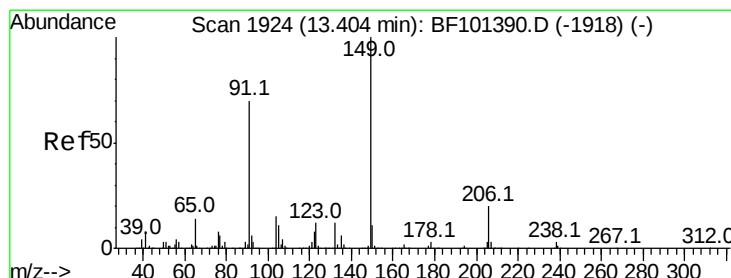
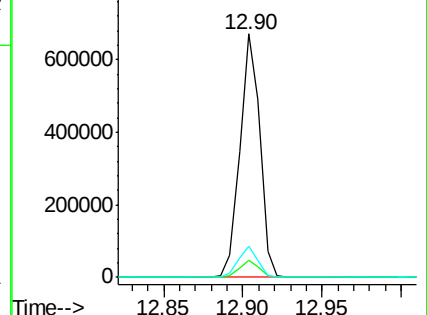
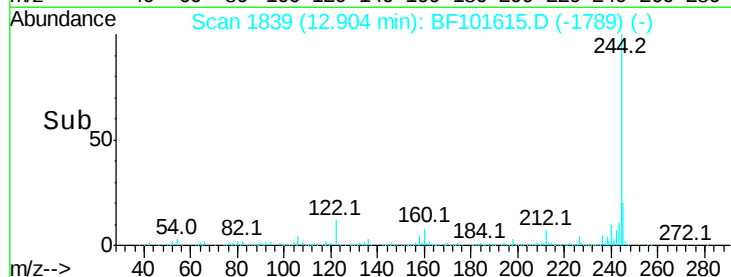
122 12.6 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 3.248 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

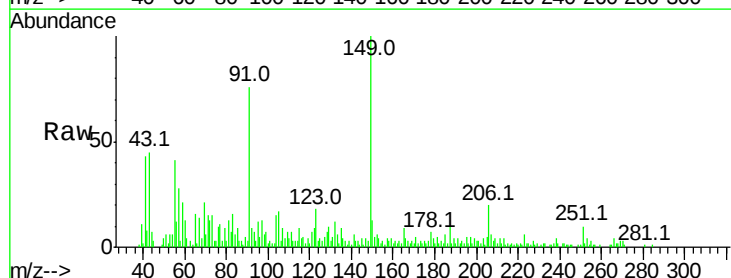
Tgt Ion:149 Resp: 29760

Ion Ratio Lower Upper

149 100

91 76.5 56.8 85.2

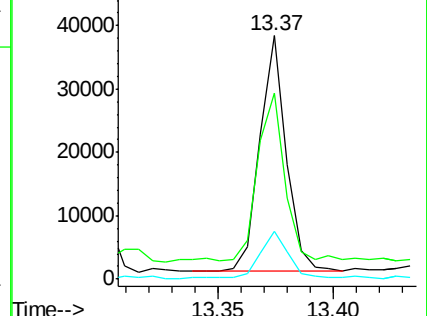
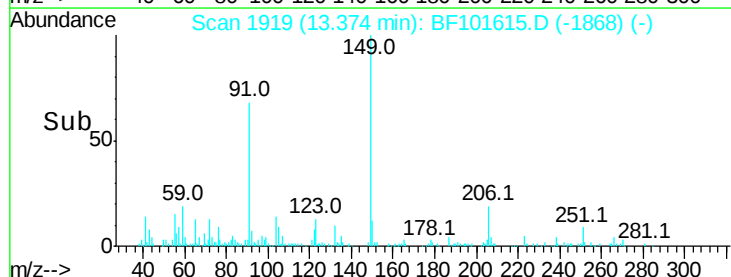
206 19.8 14.1 21.1

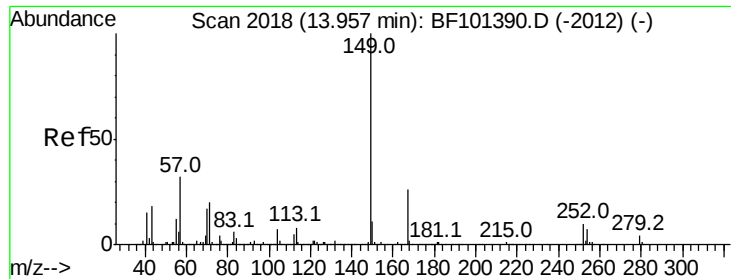


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.428 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

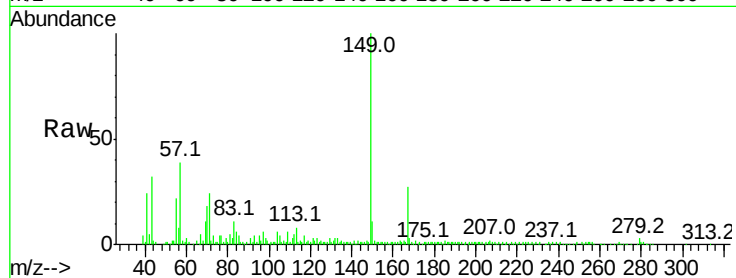
Tot Ion:149 Resp: 109407

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

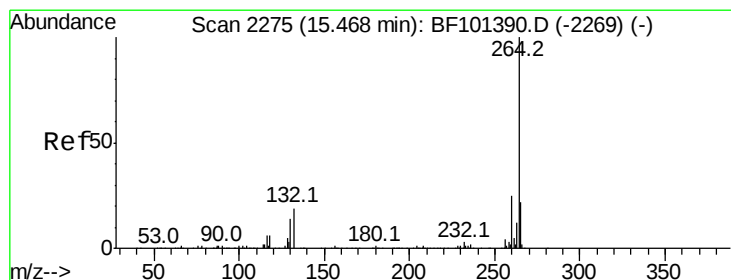
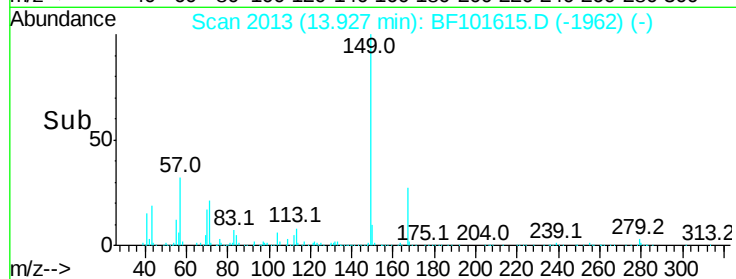
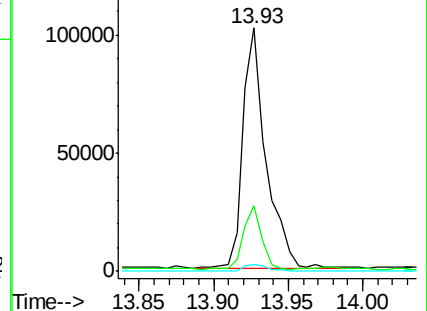
279 3.0 3.0 4.4



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. 0.01 min

Lab File: BF101615.D

Acq: 21 Dec 2017 19:00

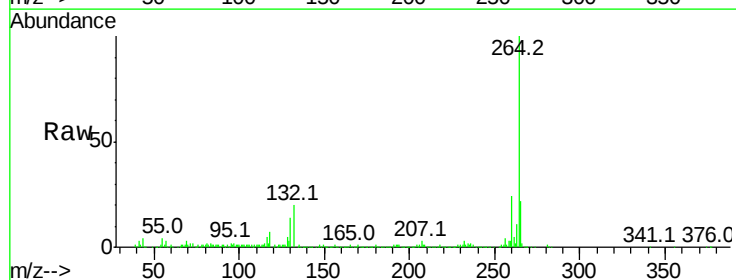
Tgt Ion:264 Resp: 219646

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 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

