

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087145.D
 Acq On : 18 May 2016 15:54
 Operator : UM/SJ
 Sample : H3100-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Quant Time: May 19 03:59:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

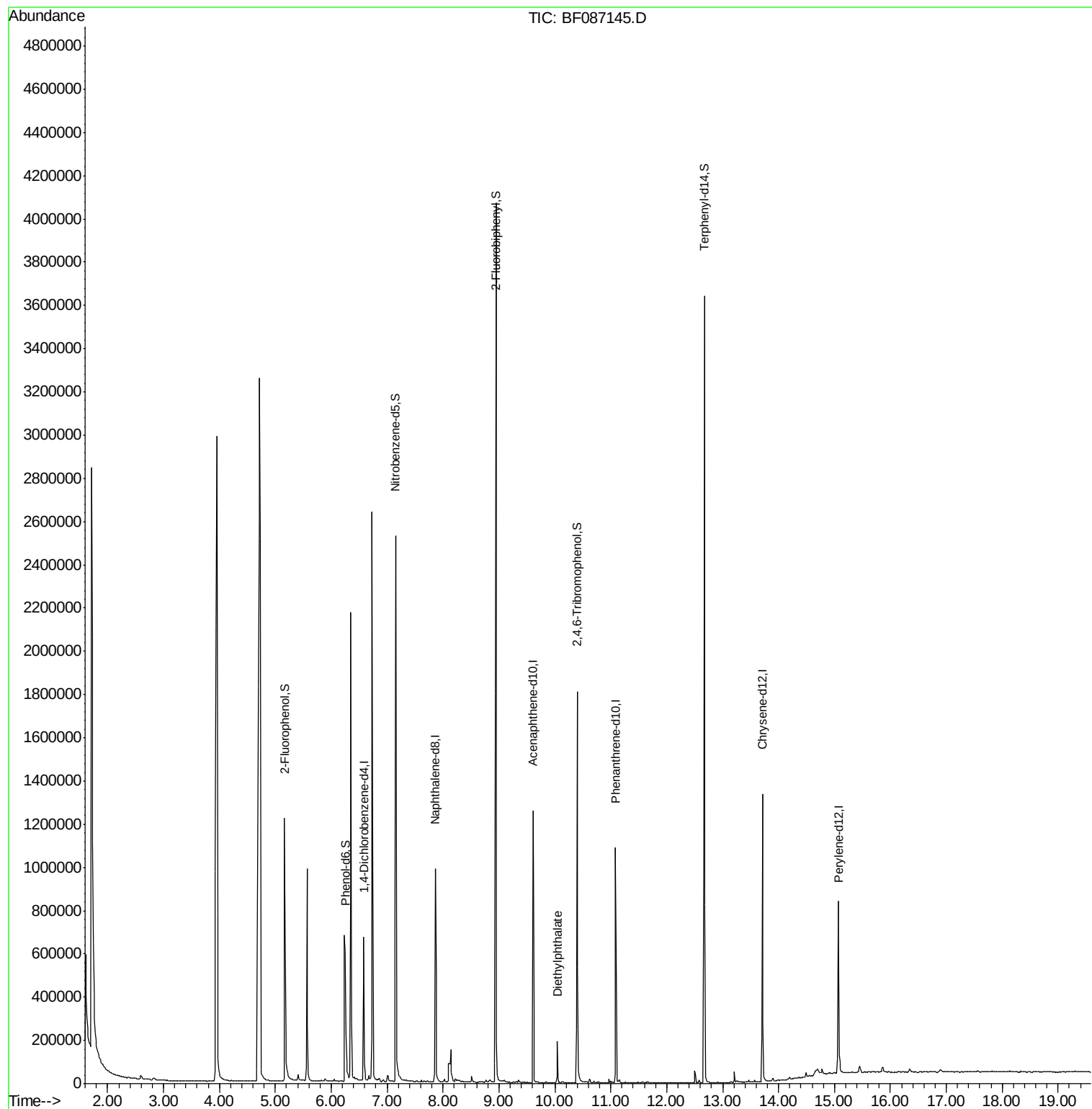
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	123867	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	504770	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	242705	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	458244	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	443314	20.00	ng	-0.05
86) Perylene-d12	15.07	264	408933	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	398226	54.04	ng	-0.03
7) Phenol-d6	6.25	99	366426	37.07	ng	-0.03
23) Nitrobenzene-d5	7.15	82	792688	78.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	212128	79.09	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1333833	91.02	ng	-0.03
78) Terphenyl-d14	12.67	244	1169819	59.69	ng	-0.03
Target Compounds						
59) Diethylphthalate	10.04	149	63680	3.60	ng	Qvalue 99

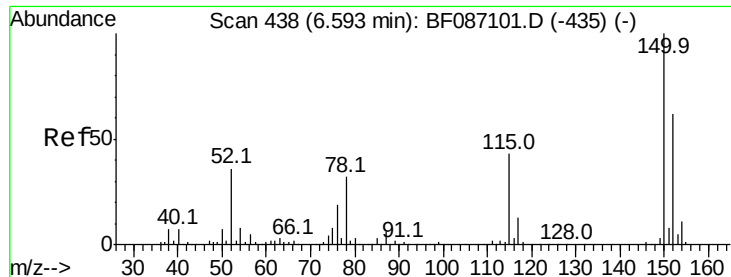
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

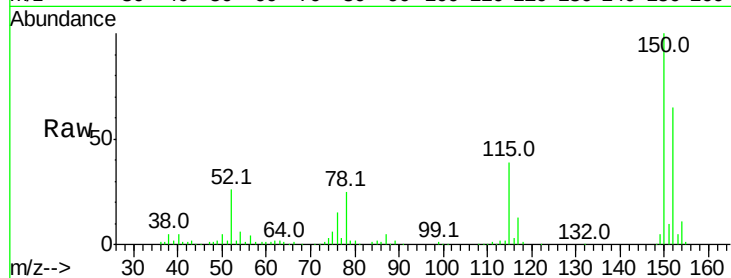
Tot Ion:152 Resp: 123867

Ion Ratio Lower Upper

152 100

150 153.4 125.8 188.6

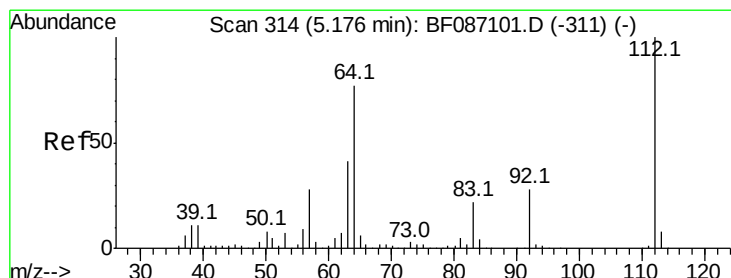
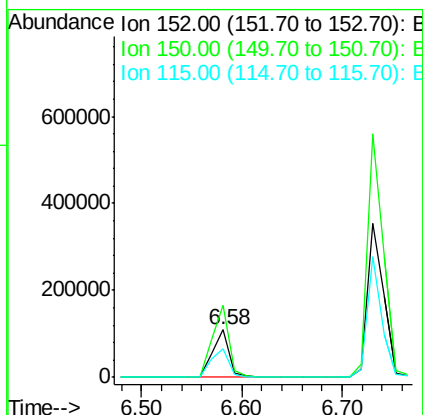
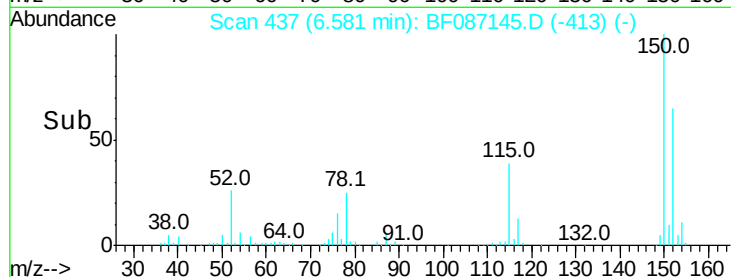
115 59.9 51.5 77.3



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: 54.04 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

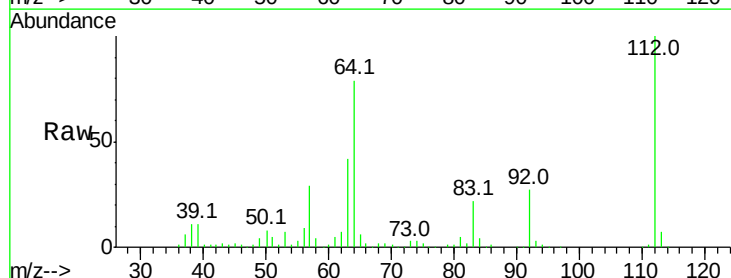
Tgt Ion:112 Resp: 398226

Ion Ratio Lower Upper

112 100

64 78.6 52.1 78.1#

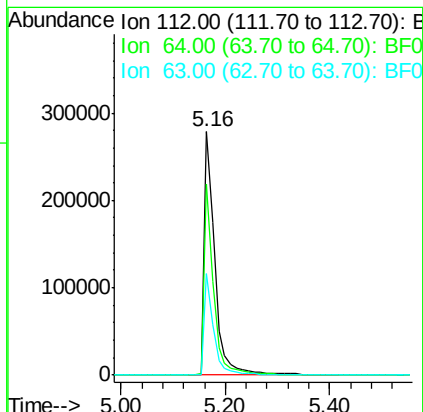
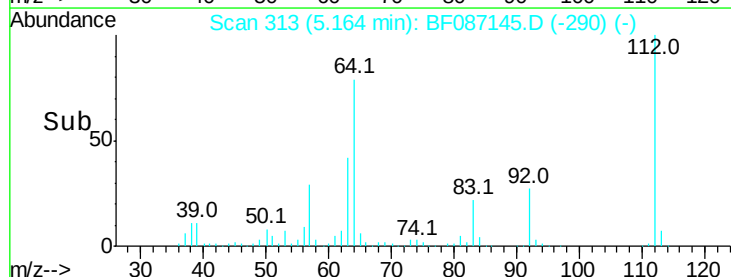
63 41.7 25.7 38.5#

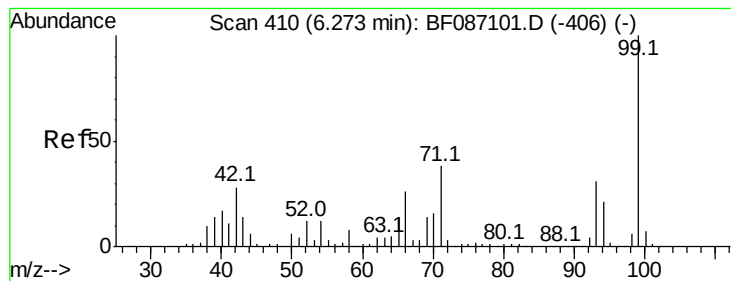


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.07 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

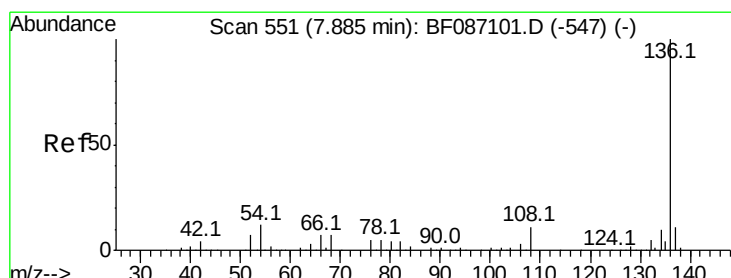
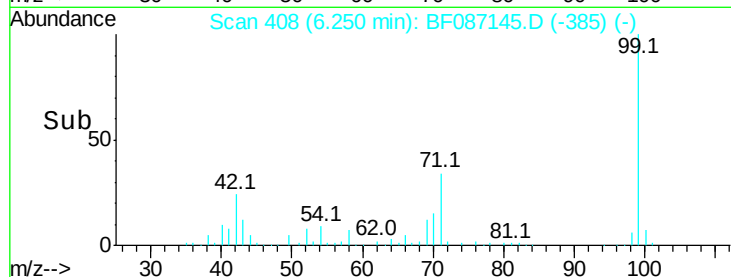
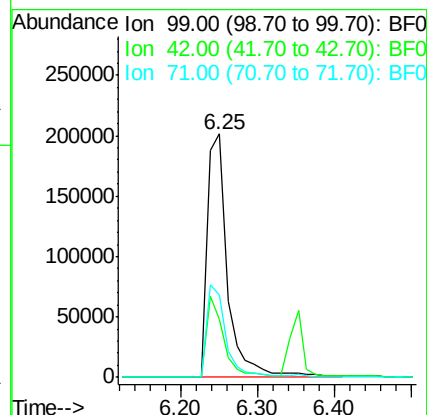
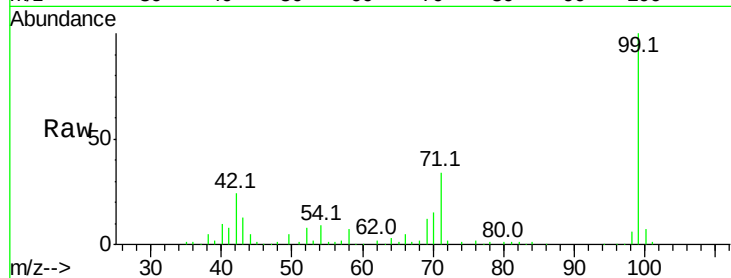
BNA_F

ClientSampled :

SVOC-TTO

Tot Ion: 99 Resp: 366426

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.6	20.4#
71	33.9	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

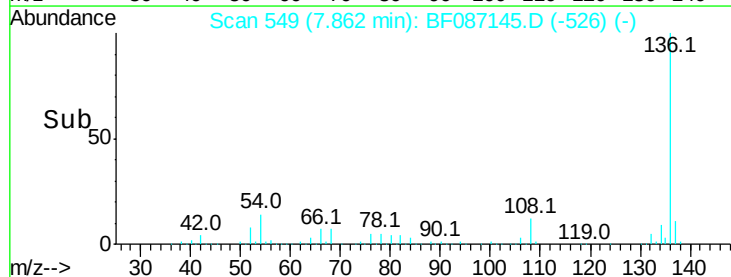
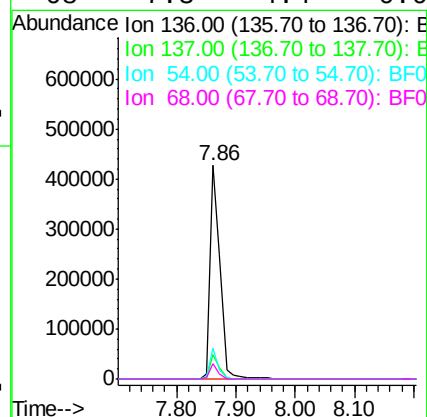
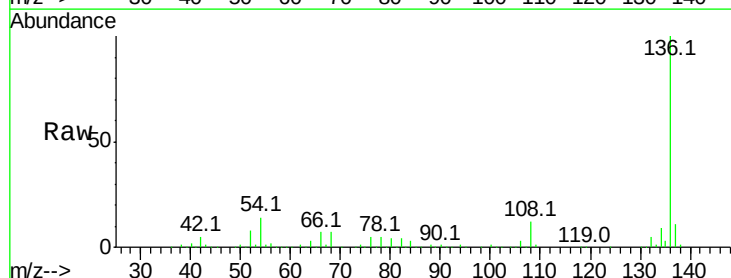
Delta R.T. -0.03 min

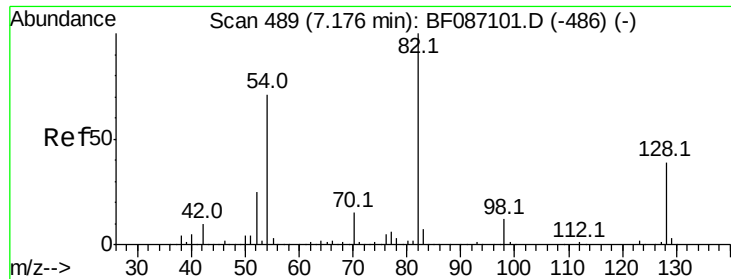
Lab File: BF087145.D

Acq: 18 May 2016 15:54

Tgt Ion: 136 Resp: 504770

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.2	5.0	7.4#
68	7.3	4.4	6.6#

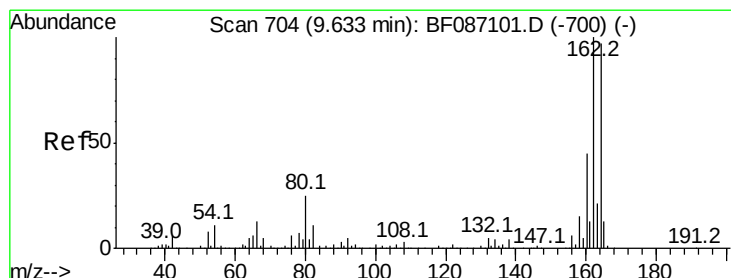
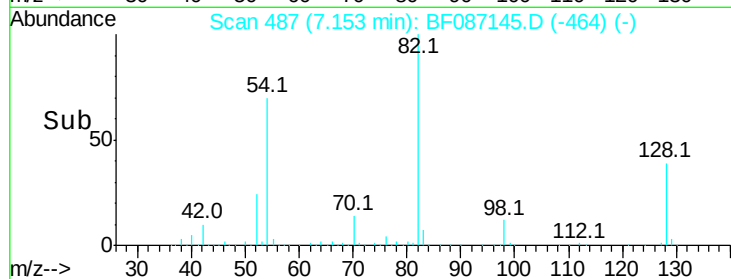
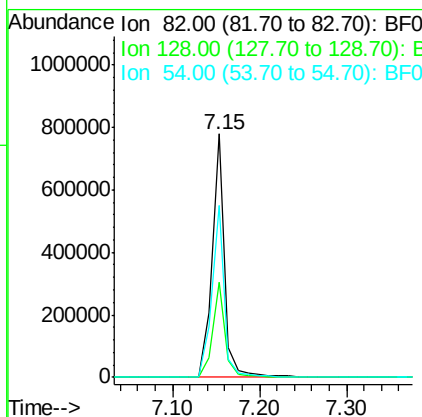
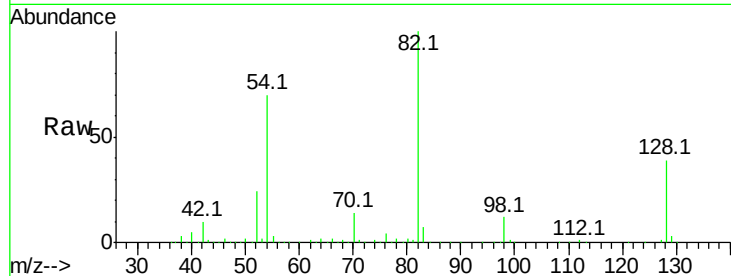




#23
Nitrobenzene-d5
Concen: 78.27 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

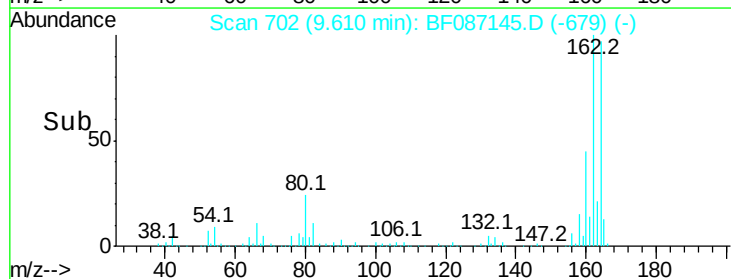
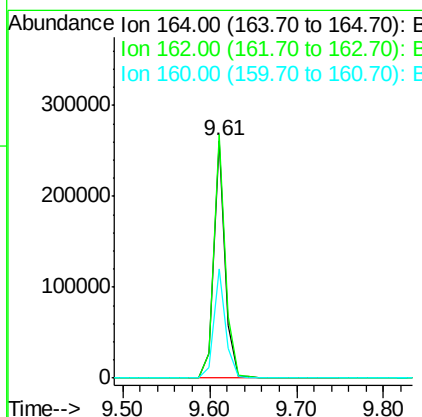
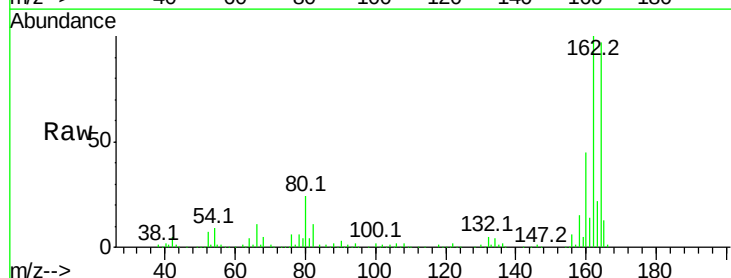
Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

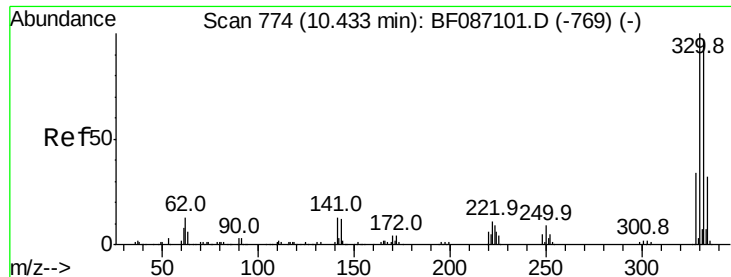
Tot Ion: 82 Resp: 792688
Ion Ratio Lower Upper
82 100
128 38.9 40.6 61.0#
54 70.4 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

Tgt Ion: 164 Resp: 242705
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 46.2 36.9 55.3

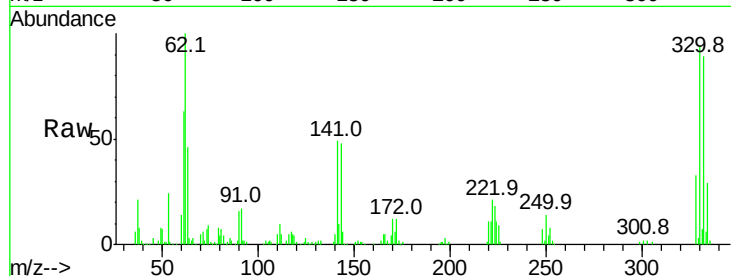




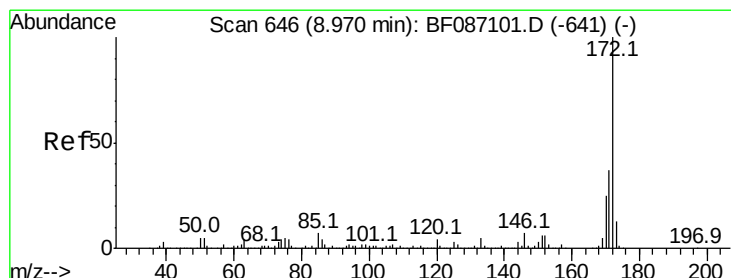
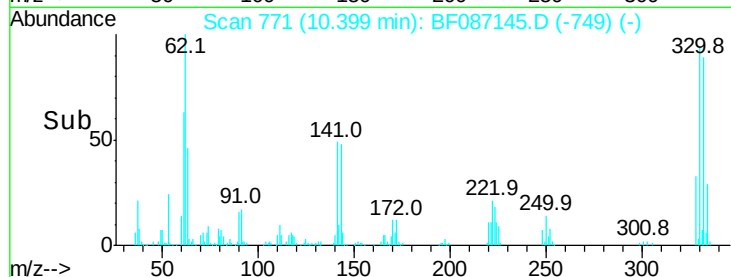
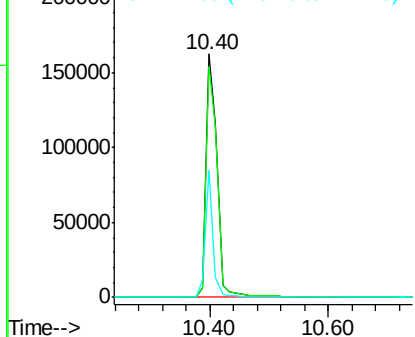
#41
 2,4,6-Tribromophenol
 Concen: 79.09 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Tot Ion:330 Resp: 212128
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 37.7 31.2 46.8

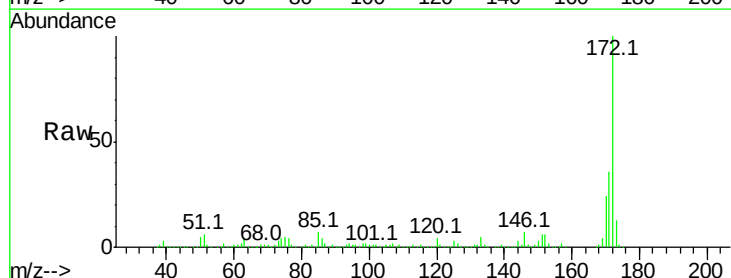


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

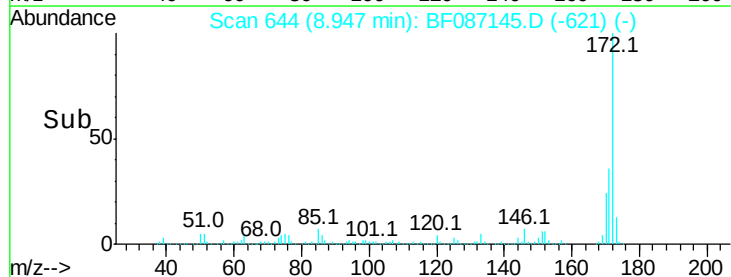
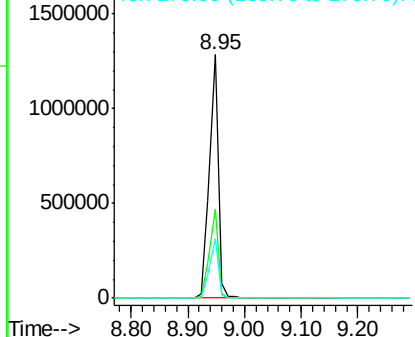


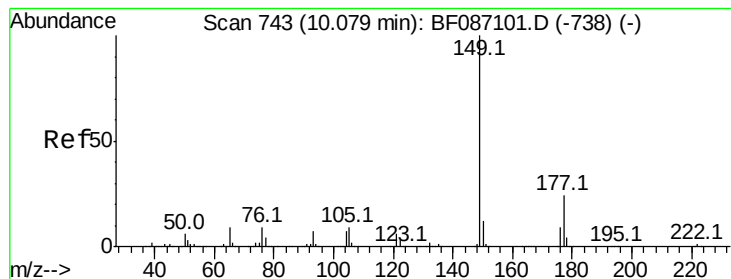
#44
 2-Fluorobiphenyl
 Concen: 91.02 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Tgt Ion:172 Resp: 1333833
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.5 19.8 29.8



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





#59

Diethylphthalate

Concen: 3.60 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

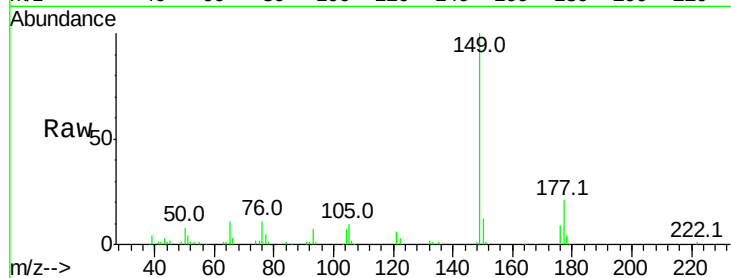
Tot Ion:149 Resp: 63680

Ion Ratio Lower Upper

149 100

177 21.3 16.6 24.8

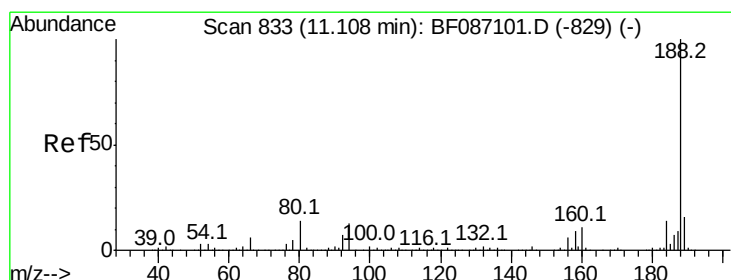
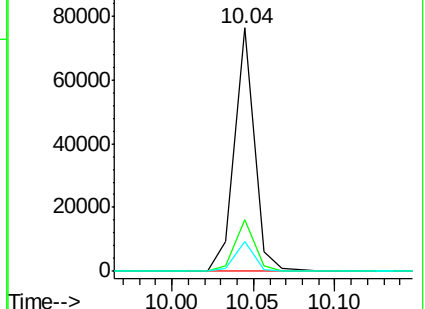
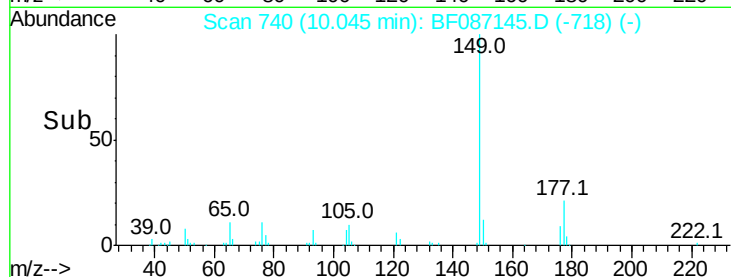
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

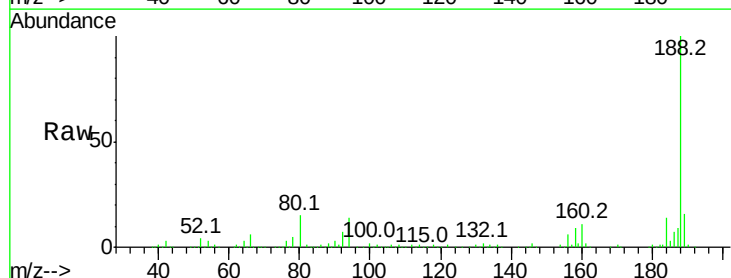
Tgt Ion:188 Resp: 458244

Ion Ratio Lower Upper

188 100

94 14.0 6.8 10.2#

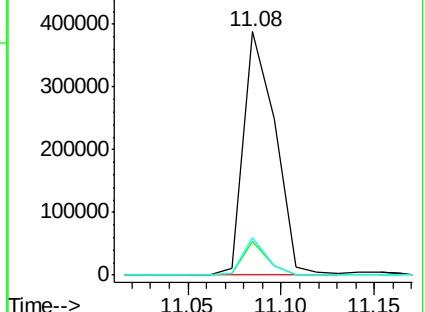
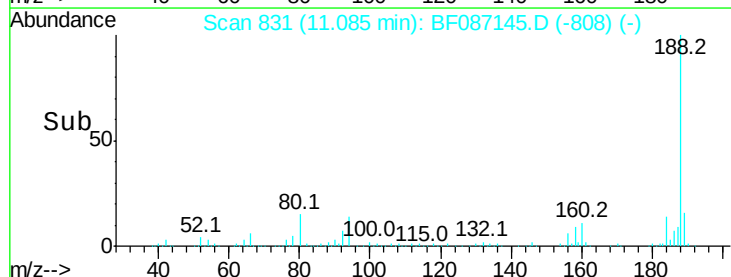
80 15.4 7.1 10.7#

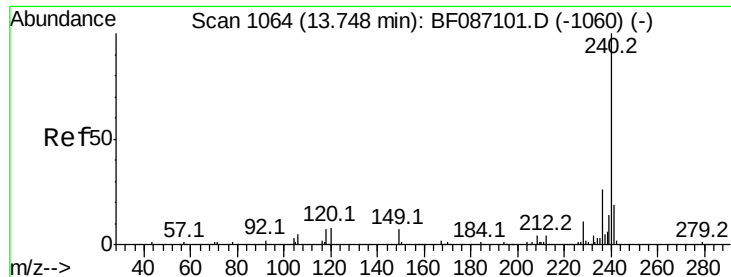


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

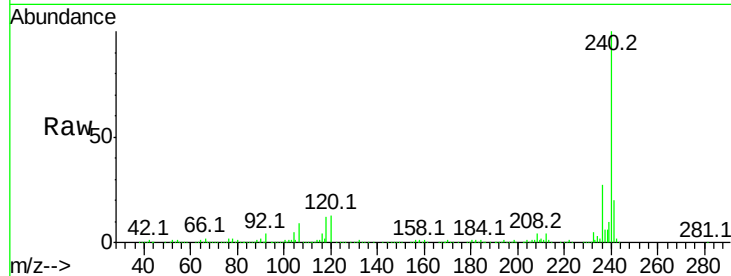
Tot Ion:240 Resp: 443314

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

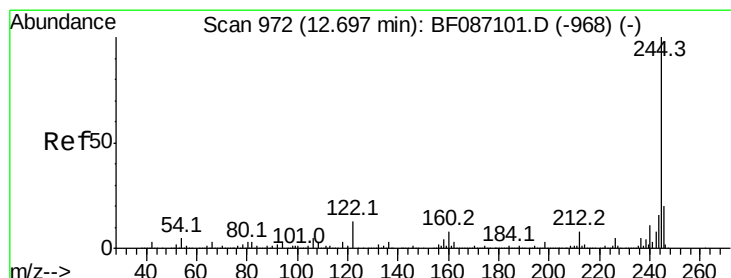
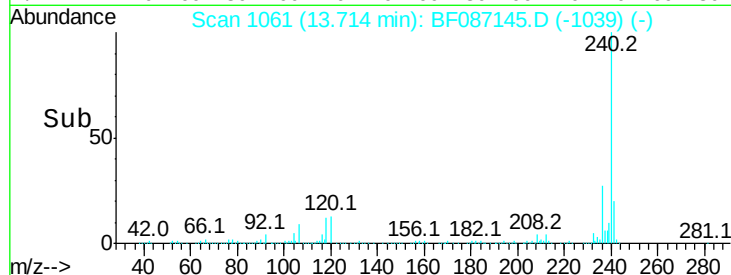
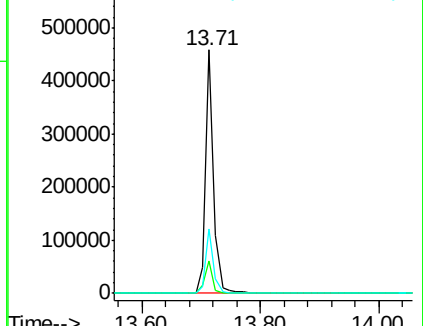
236 26.5 21.2 31.8



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: 59.69 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

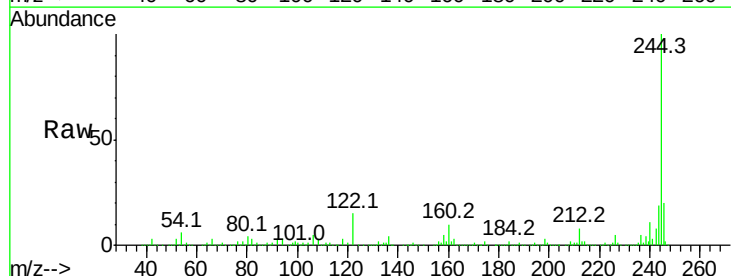
Tgt Ion:244 Resp: 1169819

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

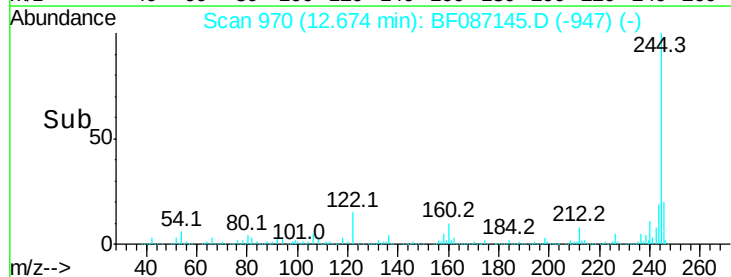
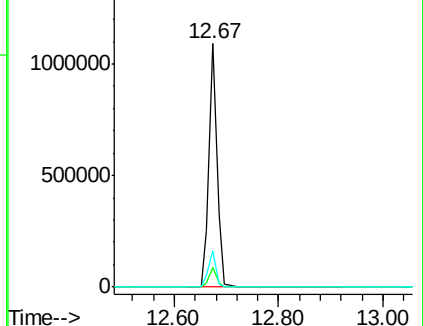
122 14.8 12.0 18.0

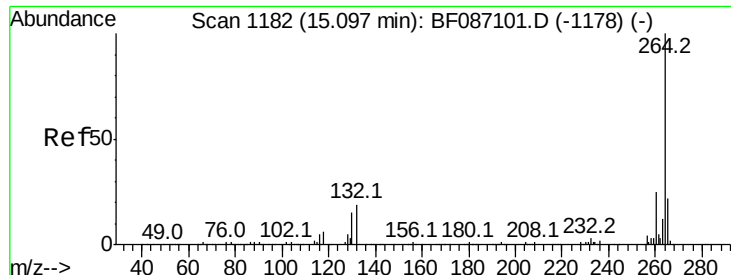


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

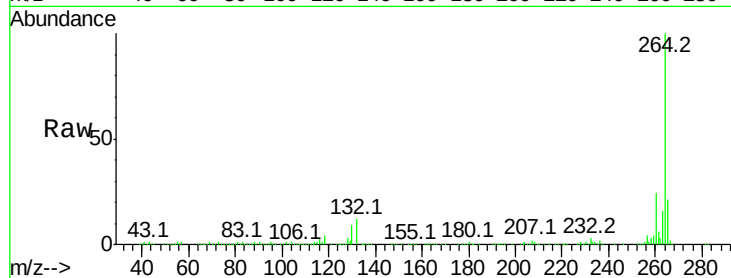




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.3	25.9

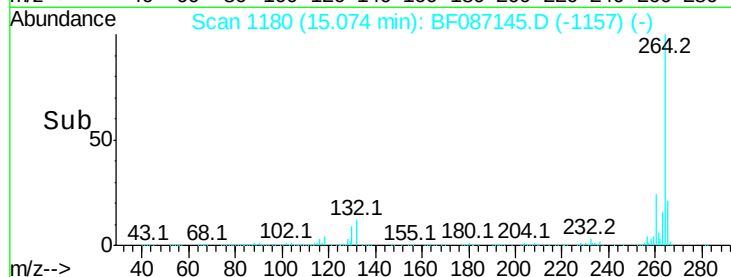
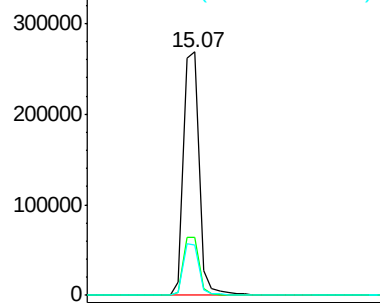


Abundance

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



Time-->