

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086644.D
 Acq On : 3 May 2016 14:54
 Operator : UM/SJ
 Sample : H2757-05DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5(1)DL

Manual Integrations
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Quant Time: May 03 19:13:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	166917	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	603664	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	257069	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	426109	20.00	ng	-0.05
75) Chrysene-d12	13.92	240	266721	20.00	ng	-0.05
86) Perylene-d12	15.32	264	295866	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	160160	16.55	ng	-0.06
7) Phenol-d6	6.38	99	230101	17.04	ng	-0.06
23) Nitrobenzene-d5	7.31	82	139847	12.49	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	42789	15.78	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	245829	9.21	ng	-0.06
78) Terphenyl-d14	12.87	244	133116	11.00	ng	-0.05
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	713897	39.39	ng	Qvalue 99
70) Phenanthrene	11.30	178	162175	7.25	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.92	149	43426m	4.20	ng	

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

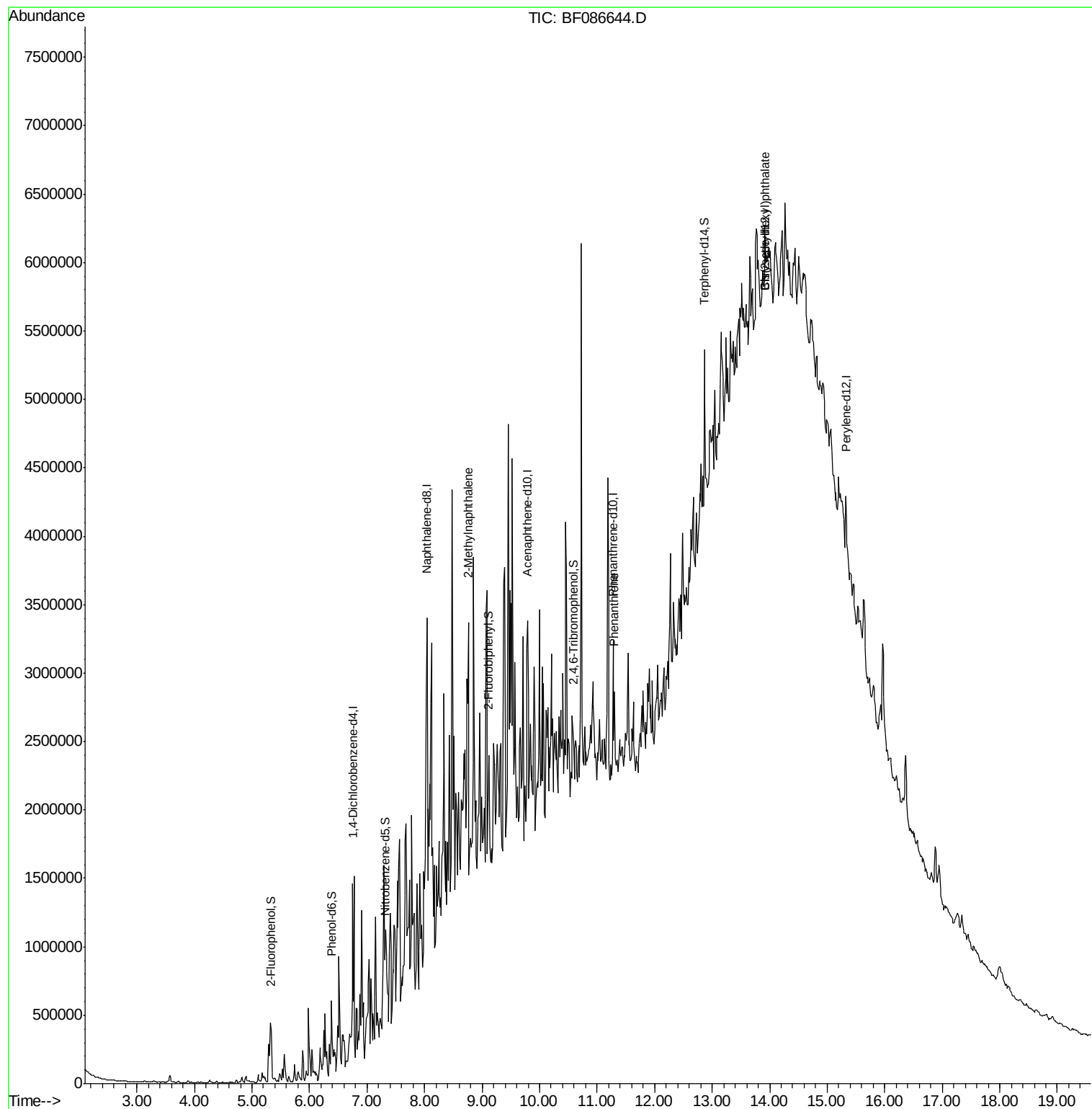
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086644.D
Acq On : 3 May 2016 14:54
Operator : UM/SJ
Sample : H2757-05DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

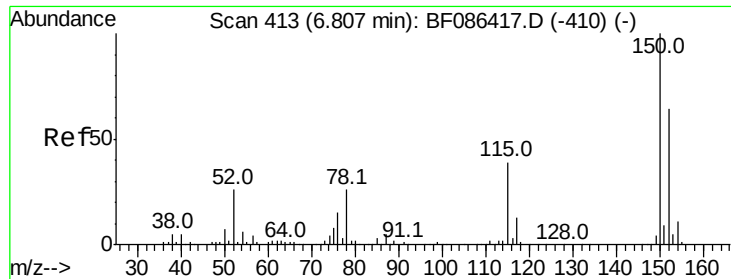
Instrument :
BNA_F
ClientSampleId :
B5(1)DL

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Quant Time: May 03 19:13:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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#1

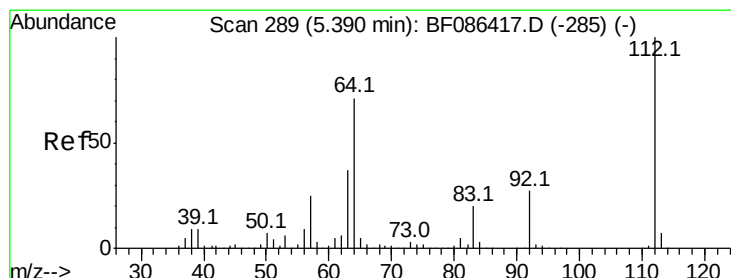
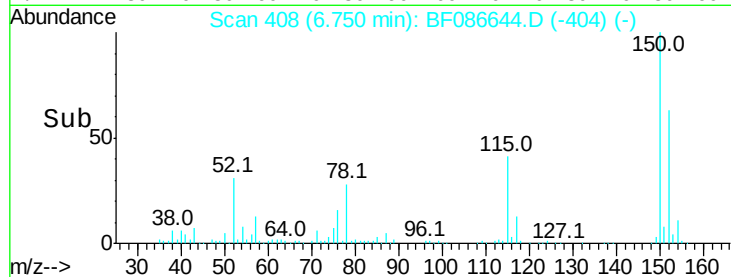
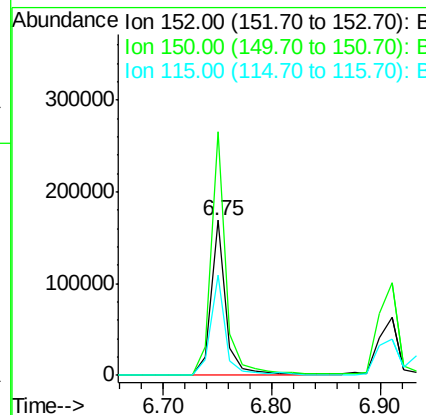
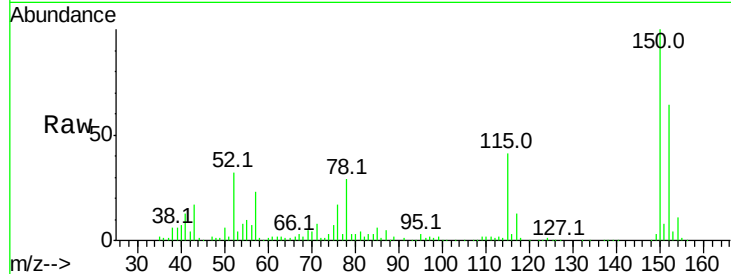
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086644.D
Acq: 3 May 2016 14:54

Instrument :
BNA_F
ClientSampleId :
B5(1)DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.6
115	64.8	51.5	77.3

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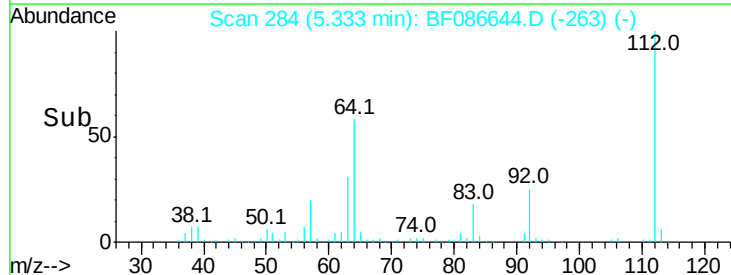
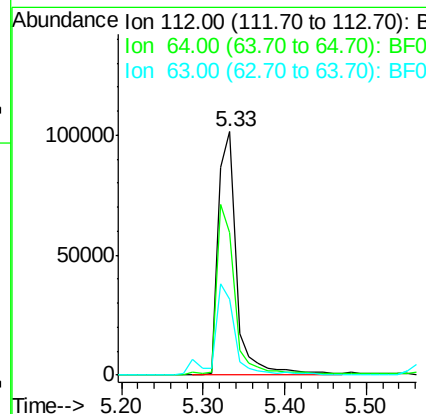
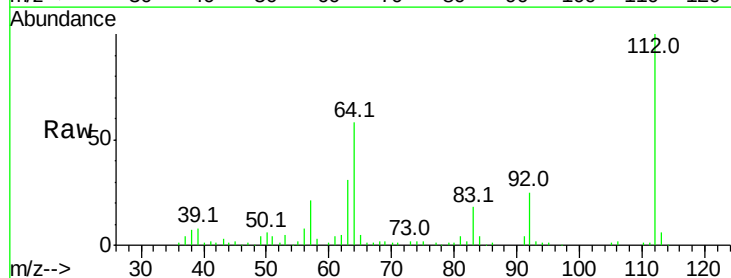
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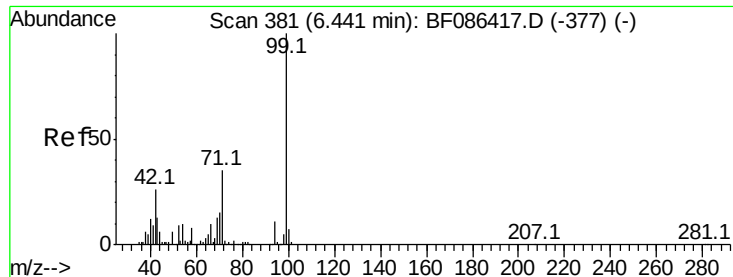


#5

2-Fluorophenol
Concen: 16.55 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.06 min
Lab File: BF086644.D
Acq: 3 May 2016 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	52.1	78.1
63	31.1	25.7	38.5





#7

Phenol-d6

Concen: 17.04 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Instrument :

BNA_F

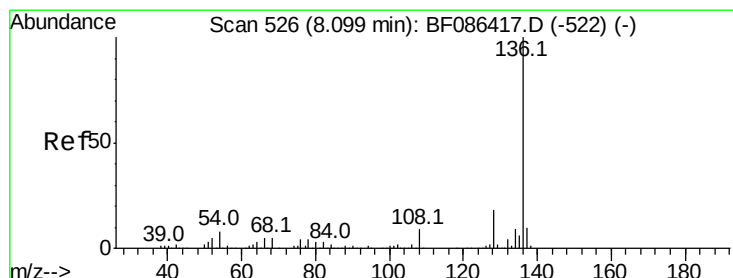
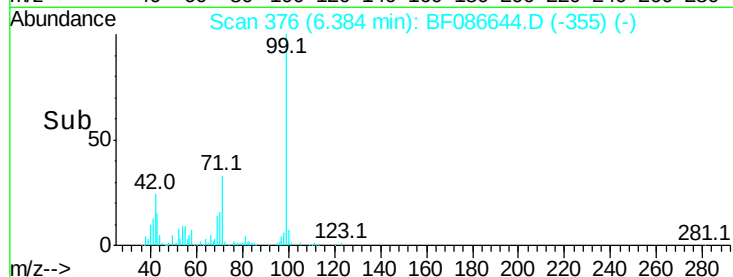
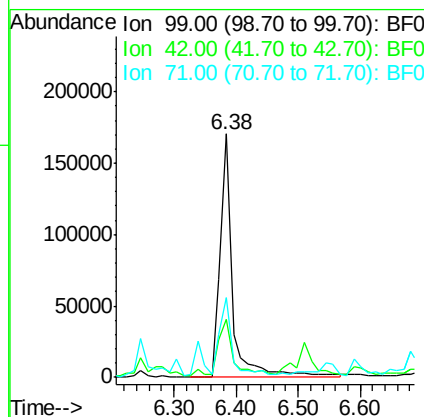
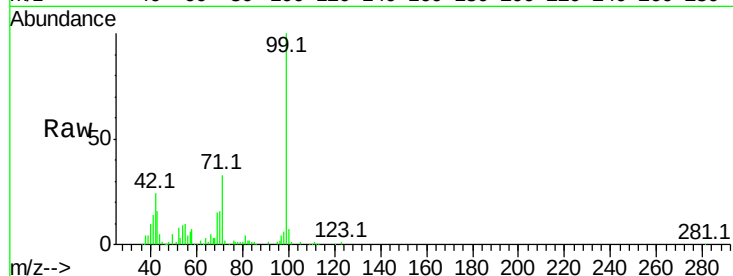
ClientSampleId :

B5(1)DL

Tot Ion:	99	Resp:	230101
Ion Ratio	Lower	Upper	
99	100		
42	24.0	13.6	20.4#
71	32.8	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

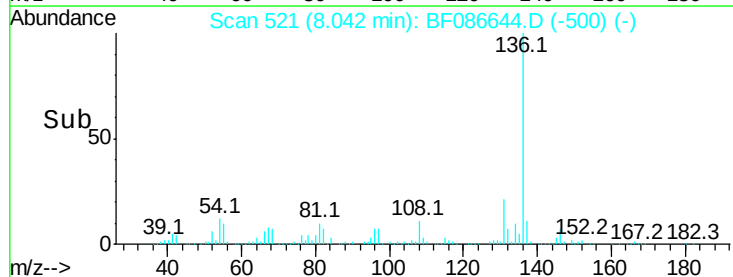
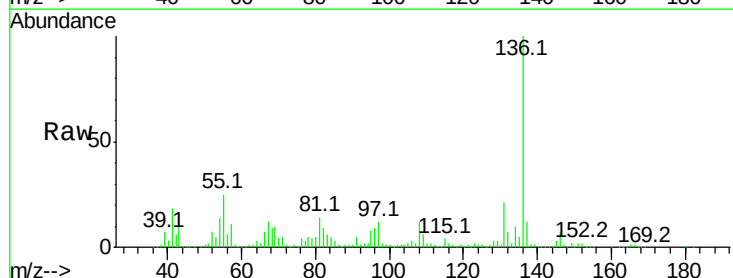
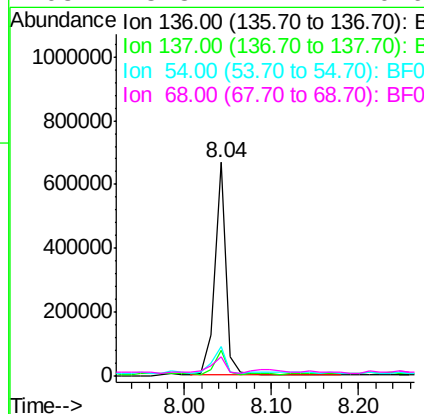
RT: 8.04 min Scan# 521

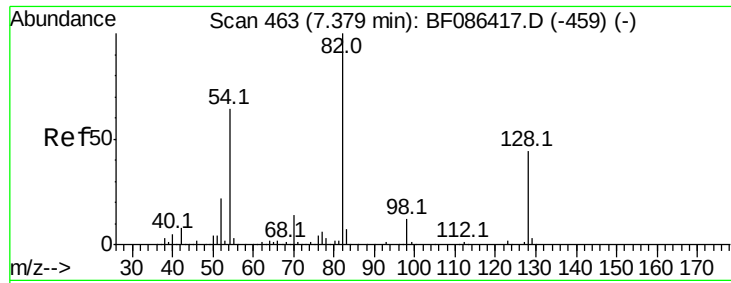
Delta R.T. -0.06 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Tgt Ion:	136	Resp:	603664
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.8	13.2
54	13.6	5.0	7.4#
68	8.8	4.4	6.6#





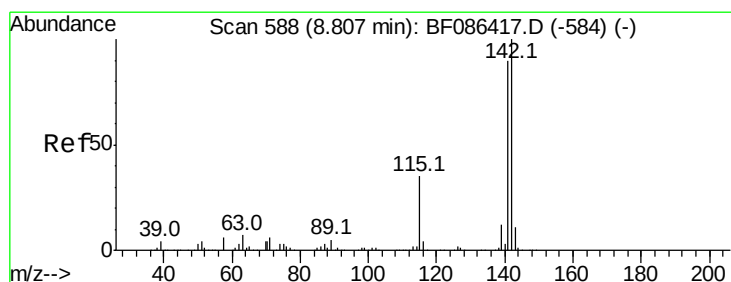
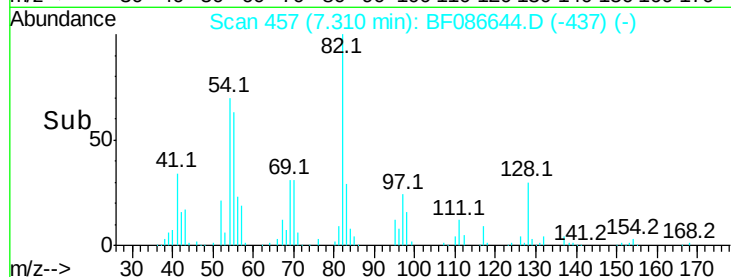
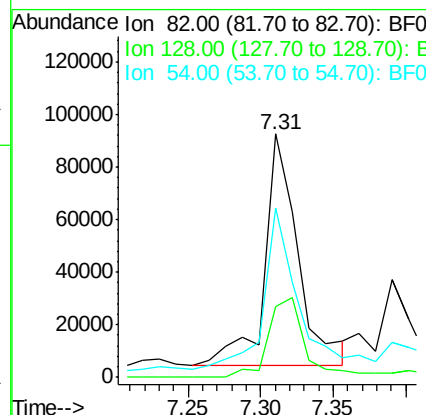
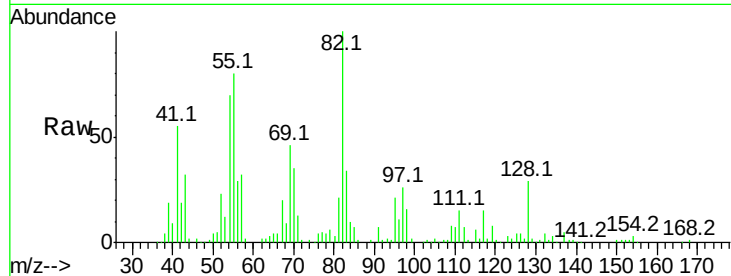
#23
 Nitrobenzene-d5
 Concen: 12.49 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF086644.D
 Acq: 3 May 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 B5(1)DL

Tot Ion	Ratio	Resp	Lower	Upper
82	100	139847		
128	29.0	40.6	61.0#	
54	69.6	38.1	57.1#	

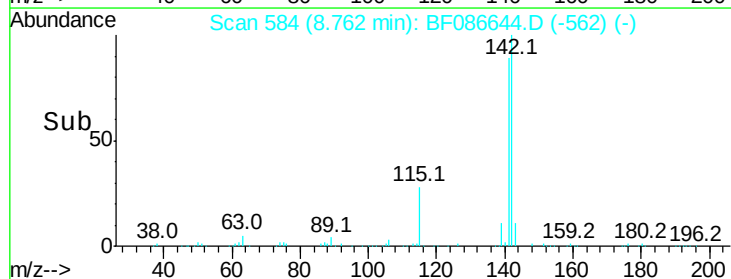
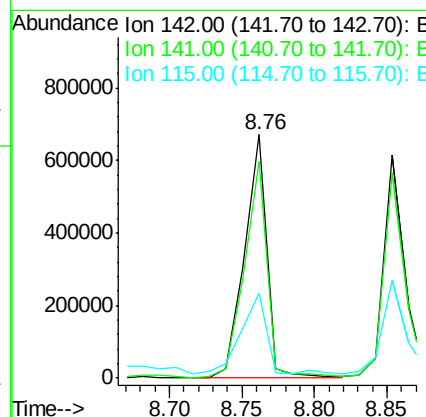
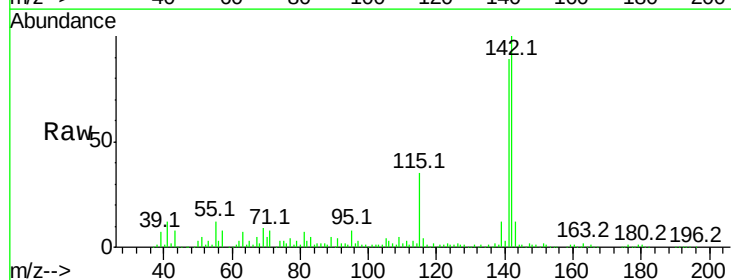
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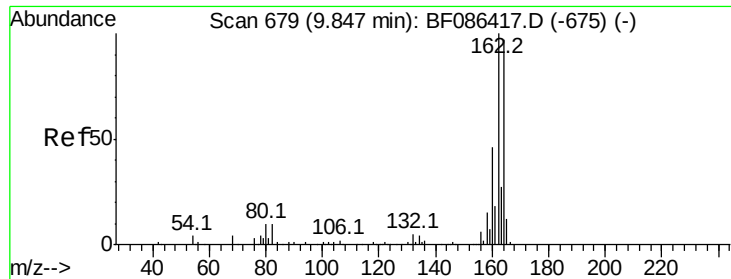
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#37
 2-Methylnaphthalene
 Concen: 39.39 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.05 min
 Lab File: BF086644.D
 Acq: 3 May 2016 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	713897		
141	89.0	71.0	106.6	
115	35.0	26.6	39.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Instrument :

BNA_F

ClientSampled :

B5(1)DL

Tot Ion:164 Resp: 257069

Ion Ratio Lower Upper

164 100

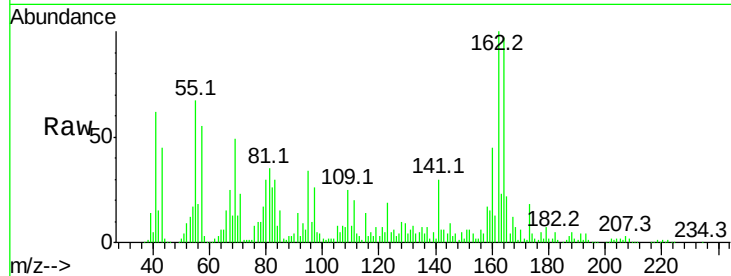
162 102.7 82.8 124.2

160 46.3 36.9 55.3

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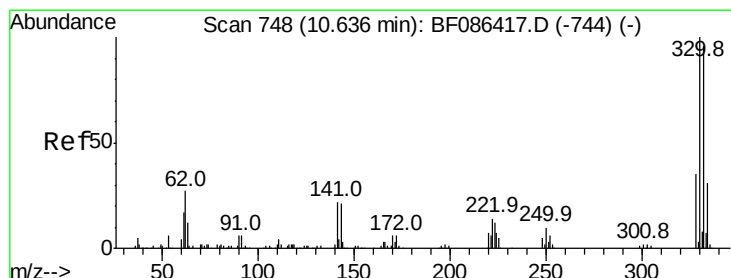
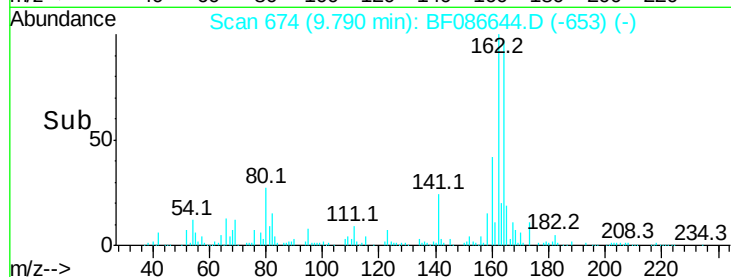
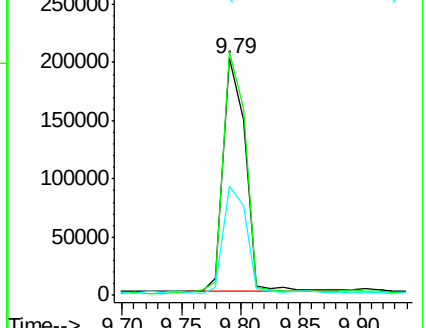
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 15.78 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

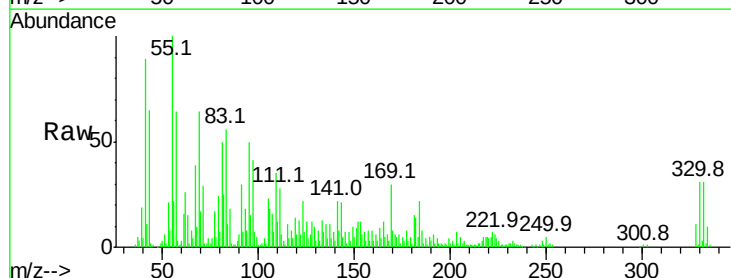
Tgt Ion:330 Resp: 42789

Ion Ratio Lower Upper

330 100

332 99.6 79.0 118.4

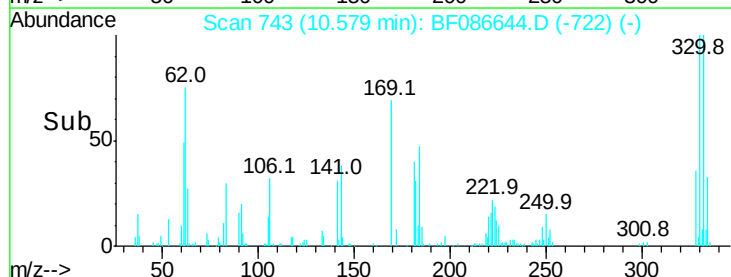
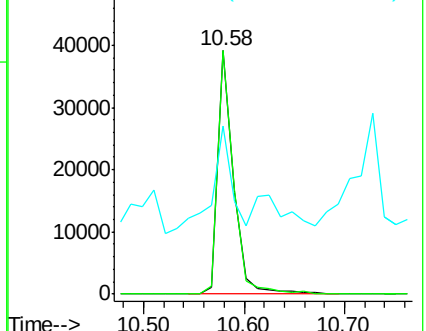
141 46.3 31.2 46.8

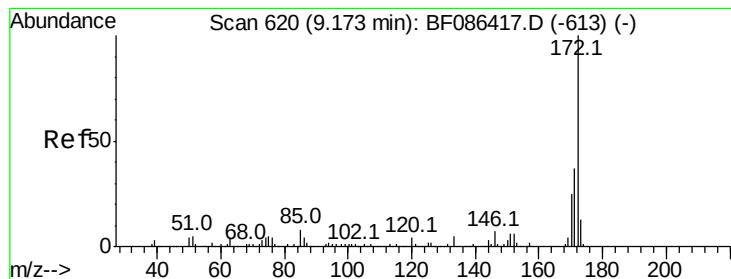


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





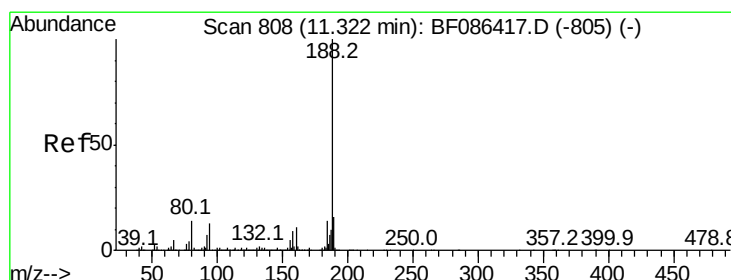
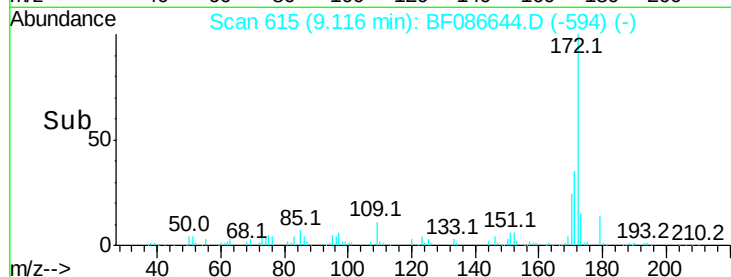
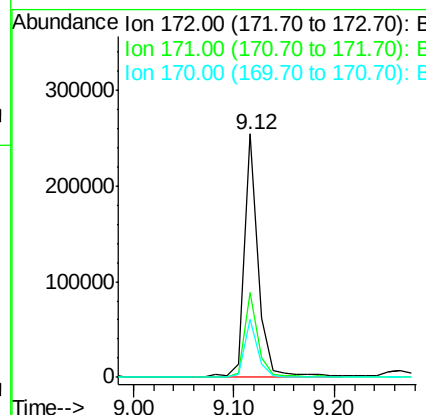
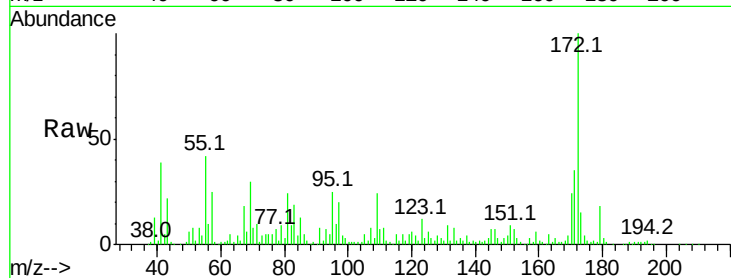
#44
2-Fluorobiphenyl
Concen: 9.21 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086644.D
Acq: 3 May 2016 14:54

Instrument :
BNA_F
ClientSampleId :
B5(1)DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	245829		
171	35.0	29.0	43.6	
170	23.8	19.8	29.8	

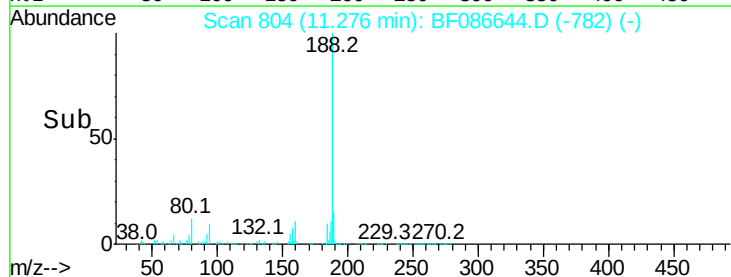
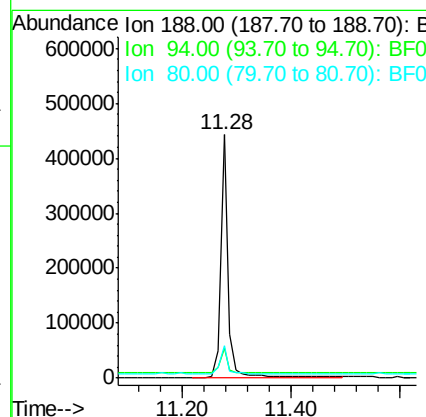
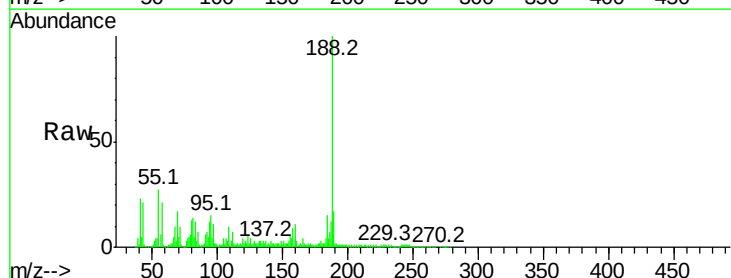
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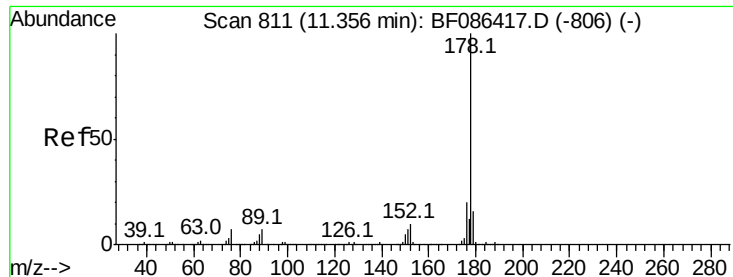
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086644.D
Acq: 3 May 2016 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426109		
94	12.1	6.8	10.2#	
80	13.3	7.1	10.7#	





#70

Phenanthrene

Concen: 7.25 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Instrument :

BNA_F

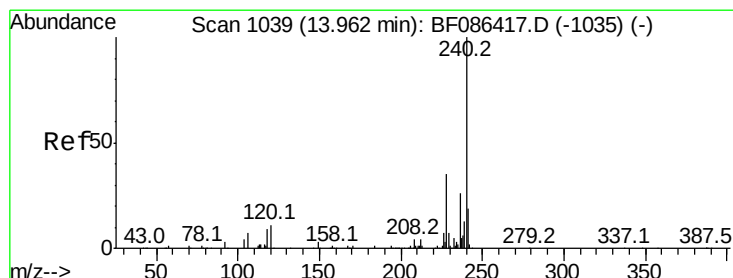
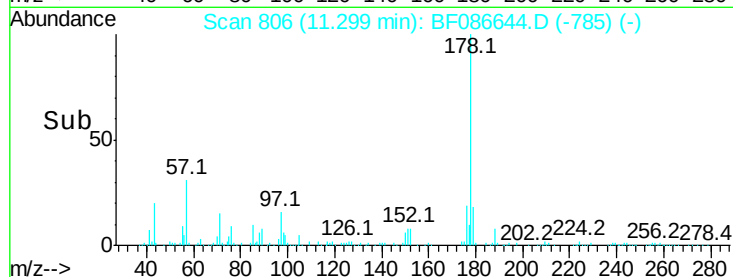
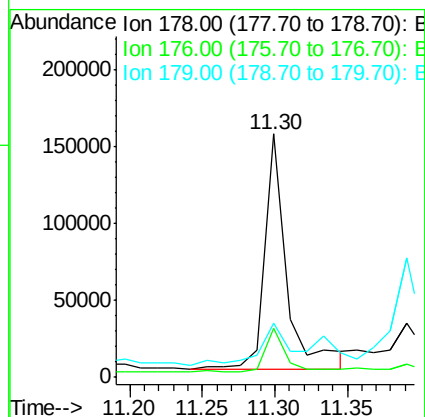
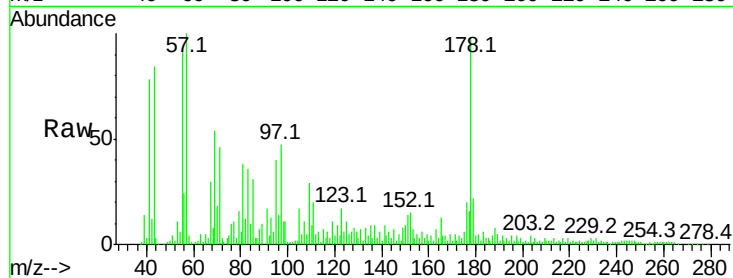
ClientSampled :

B5(1)DL

Tot Ion:	178	Resp:	162175
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.0	24.0
179	22.4	12.6	18.8#

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#75

Chrysene-d12

Concen: 20.00 ng

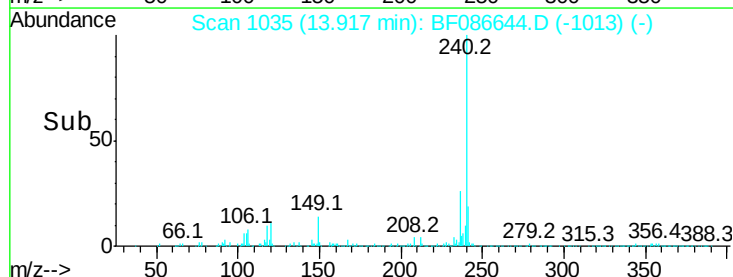
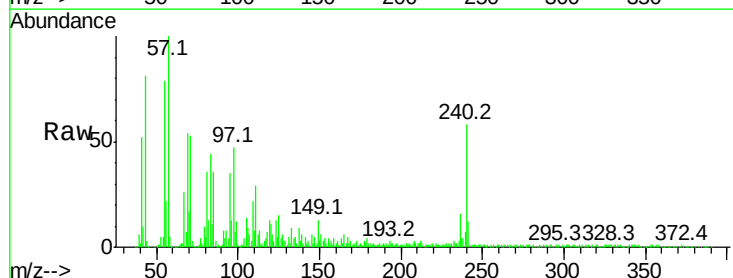
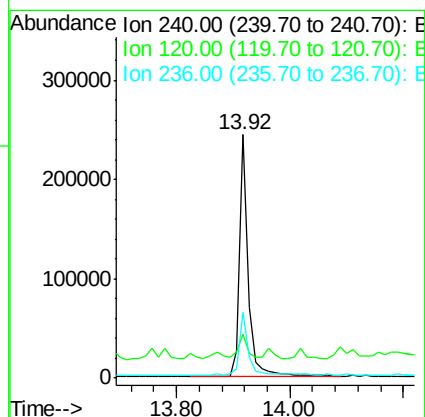
RT: 13.92 min Scan# 1035

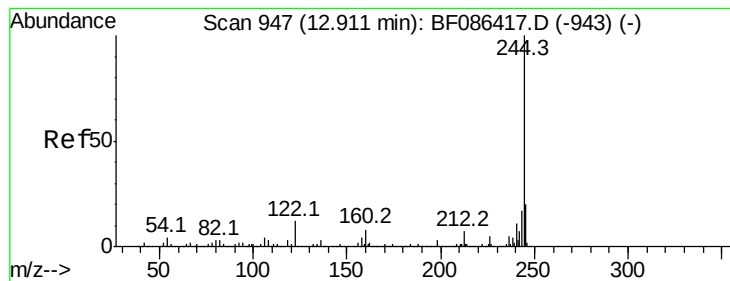
Delta R.T. -0.05 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Tgt Ion:	240	Resp:	266721
Ion Ratio	Lower	Upper	
240	100		
120	18.2	11.2	16.8#
236	26.8	21.2	31.8





#78

Terphenyl-d14

Concen: 11.00 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Instrument :

BNA_F

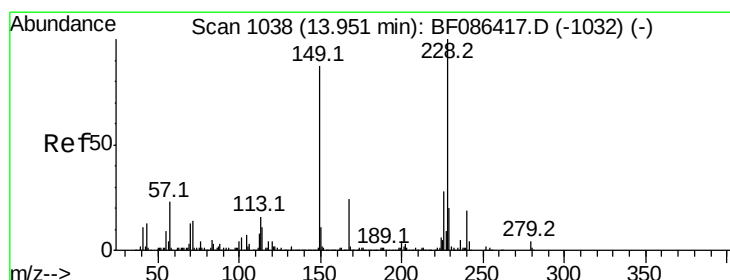
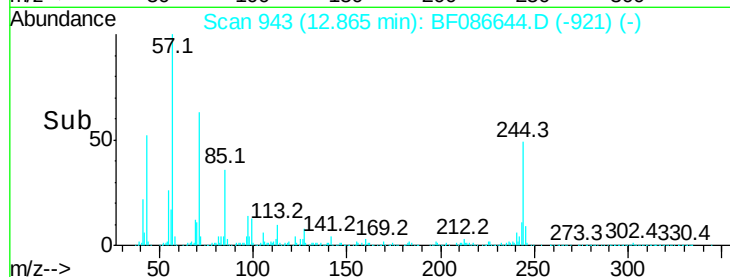
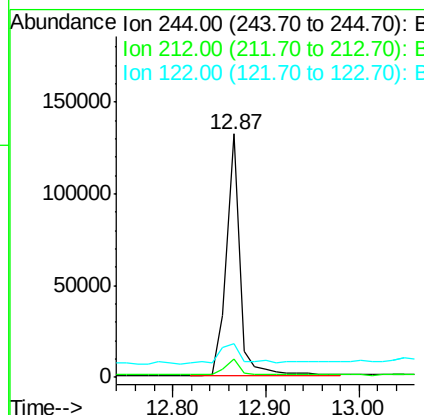
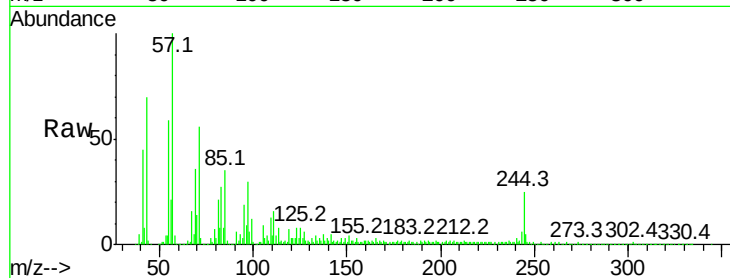
ClientSampled :

B5(1)DL

Tot Ion:	244	Resp:	133116
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	13.8	12.0	18.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.20 ng m

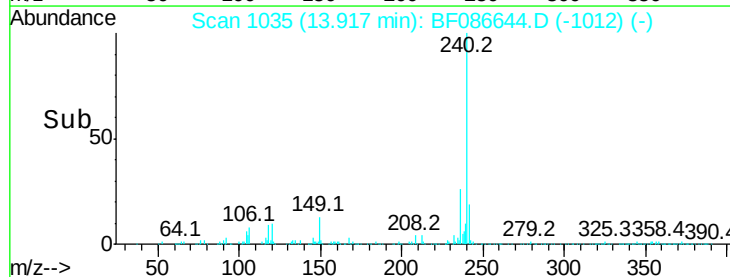
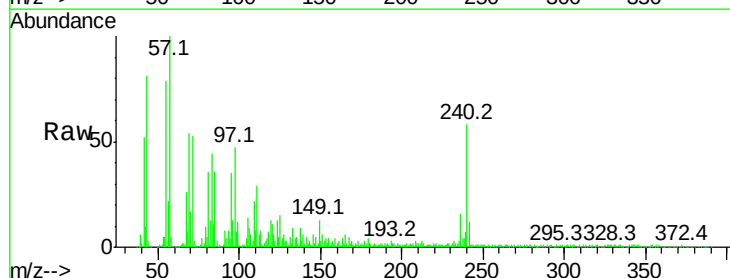
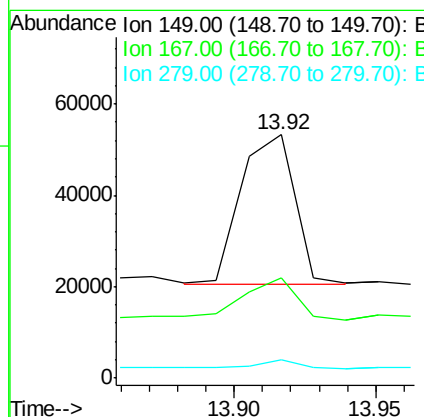
RT: 13.92 min Scan# 1035

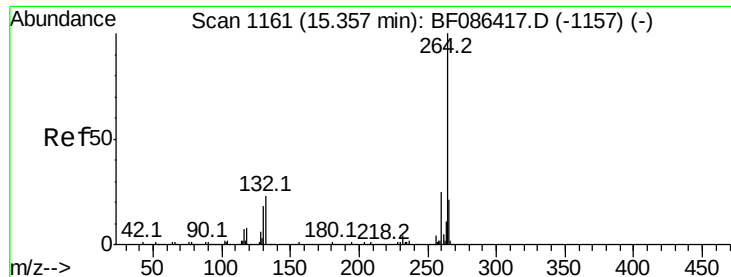
Delta R.T. -0.03 min

Lab File: BF086644.D

Acq: 3 May 2016 14:54

Tgt Ion:	149	Resp:	43426
Ion Ratio	Lower	Upper	
149	100		
167	41.1	21.8	32.6#
279	7.5	2.6	4.0#





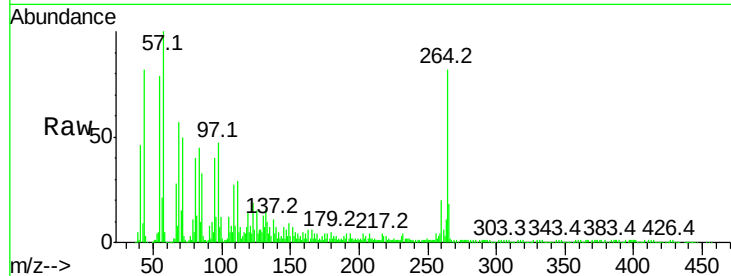
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF086644.D
Acq: 3 May 2016 14:54

Instrument :
BNA_F
ClientSampleId :
B5(1)DL

Tot Ion:	264	Resp:	295866
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	22.5	17.3	25.9

Manual Integrations
APPROVED

sohil
5/4/2016 6:52:20 PM



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

