

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085780.D
 Acq On : 26 Mar 2016 00:07
 Operator : UM/SJ
 Sample : H1834-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:55 PM

Quant Time: Mar 26 00:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109446	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	378011	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	156509	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	228039	20.00	ng	0.00
75) Chrysene-d12	13.98	240	221817	20.00	ng	0.00
86) Perylene-d12	15.40	264	181811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	712938	108.49	ng	0.01
7) Phenol-d6	6.46	99	813915	97.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	550688	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	154160	103.67	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	838971	89.56	ng	0.00
78) Terphenyl-d14	12.93	244	539793	50.05	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	42374	2.10	ng	Qvalue 98
49) Dimethylphthalate	9.58	163	72280	6.09	ng	# 98
70) Phenanthrene	11.37	178	25600m	2.19	ng	

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

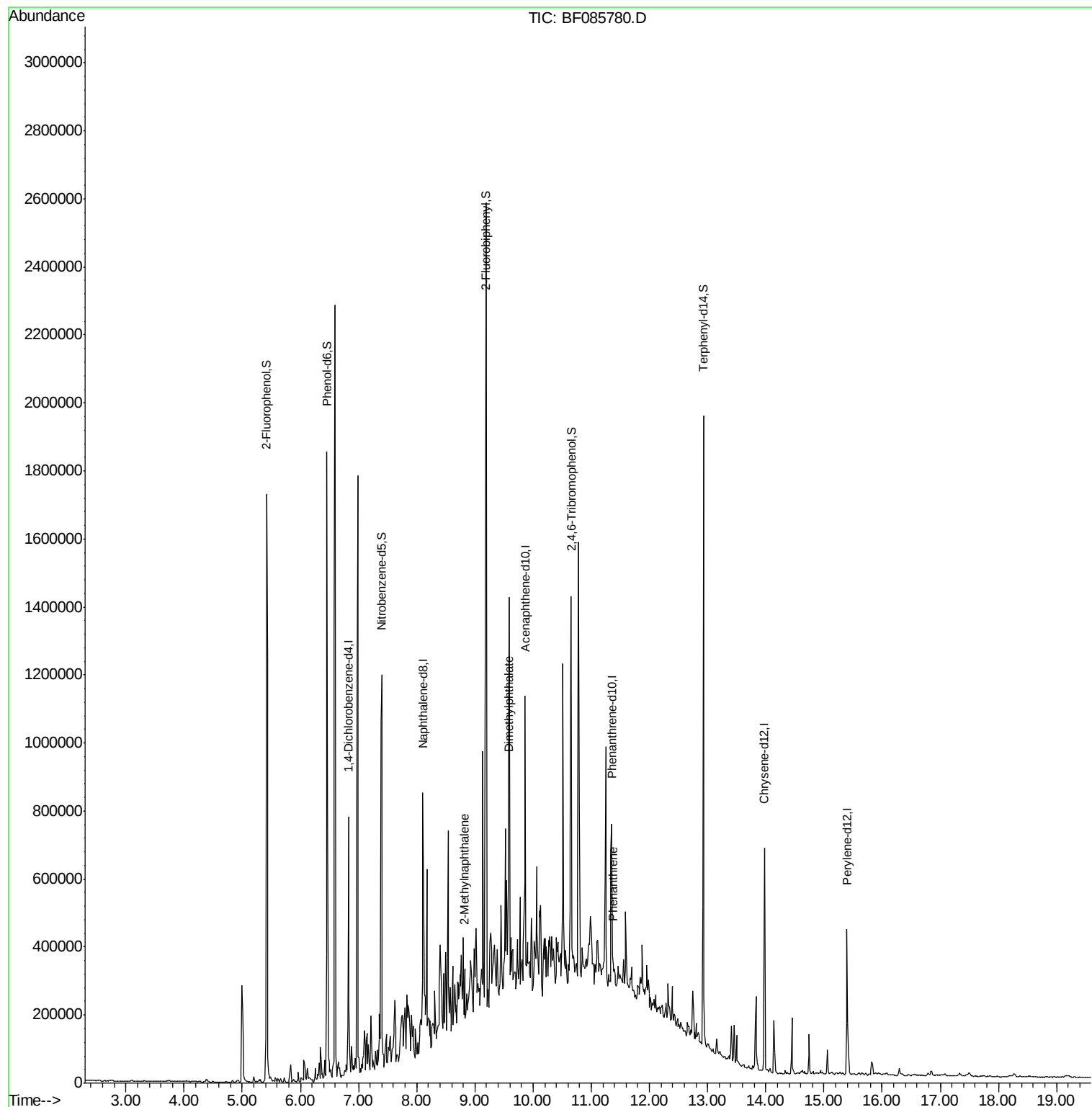
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
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1

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#1

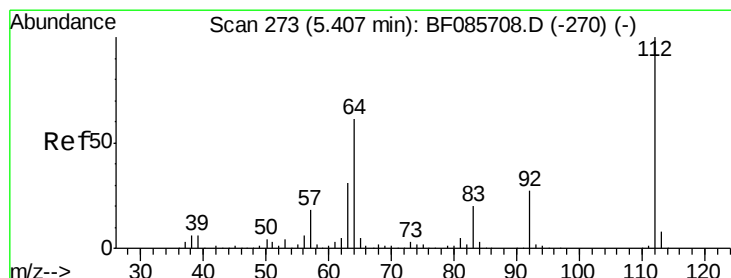
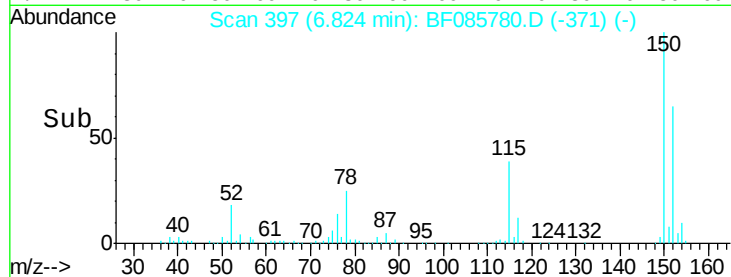
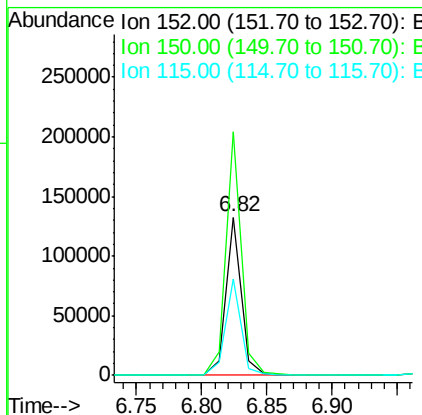
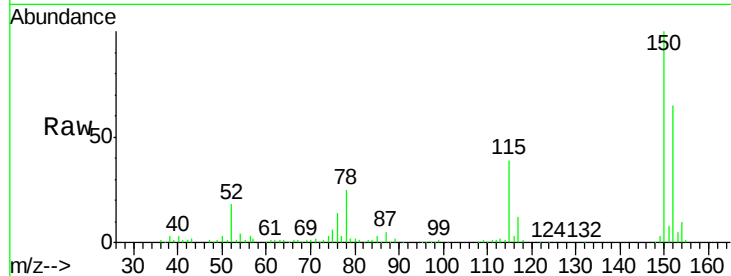
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	60.8	47.0	70.6

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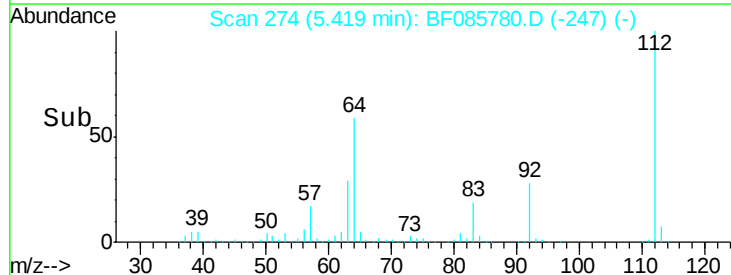
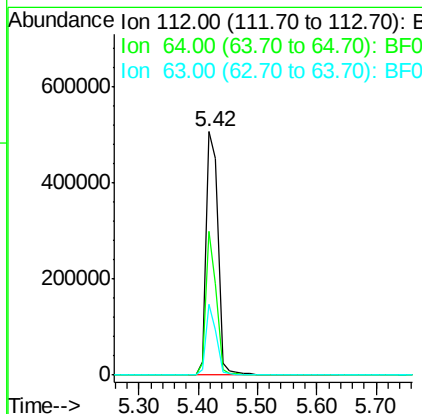
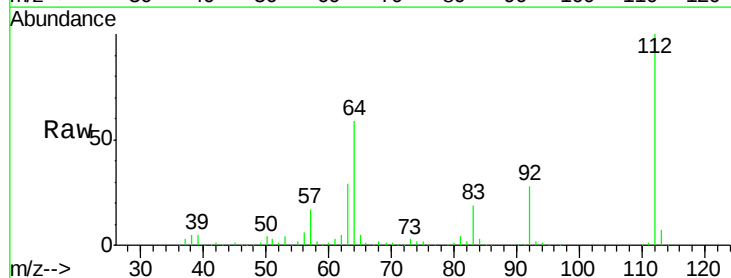
Sohil
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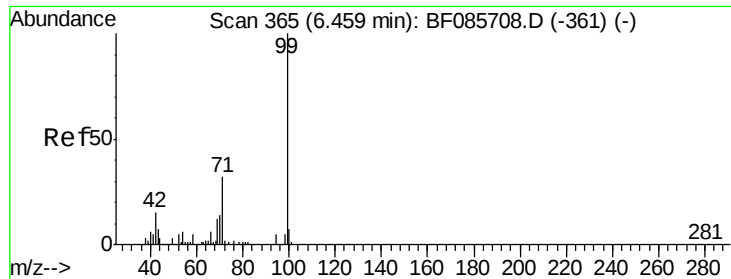


#5

2-Fluorophenol
Concen: 108.49 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	39.9	59.9
63	29.3	20.2	30.2





#7

Phenol-d6

Concen: 97.41 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

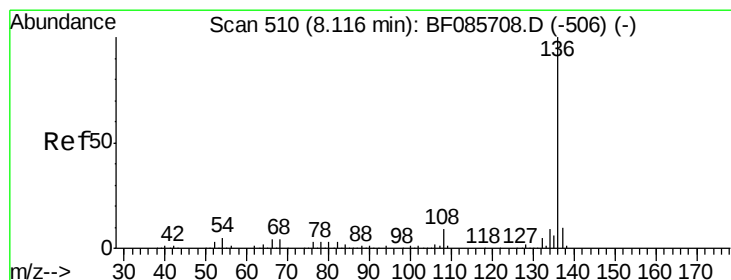
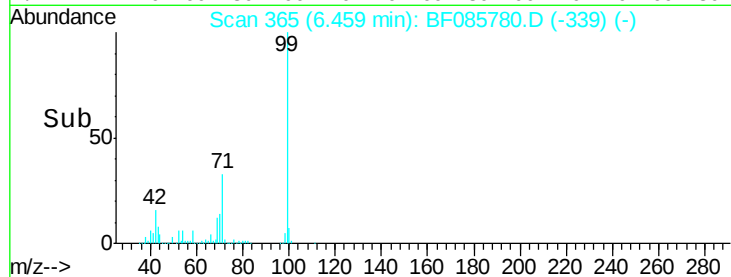
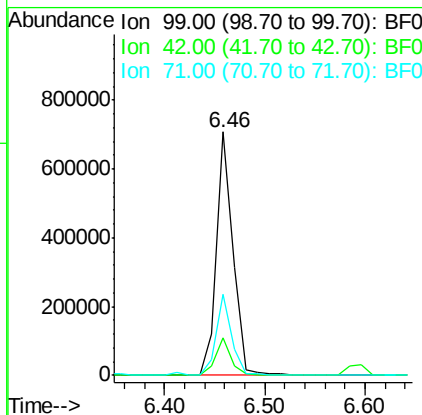
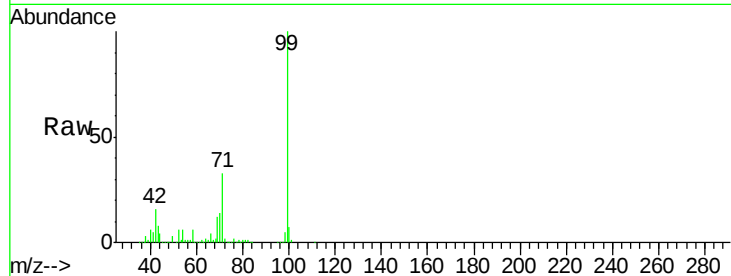
1

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Tot Ion:	99	Resp:	813915
Ion Ratio	Lower	Upper	
99	100		
42	15.6	11.1	16.7
71	33.4	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

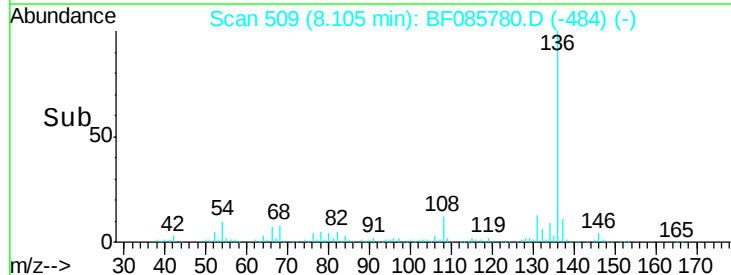
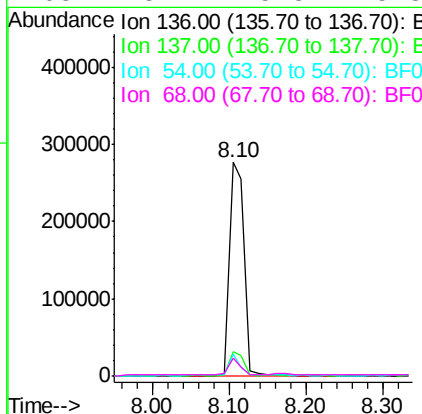
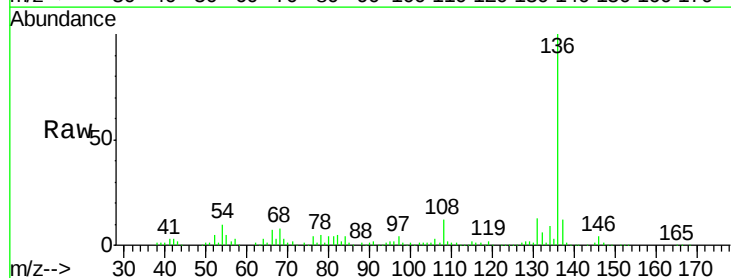
RT: 8.10 min Scan# 509

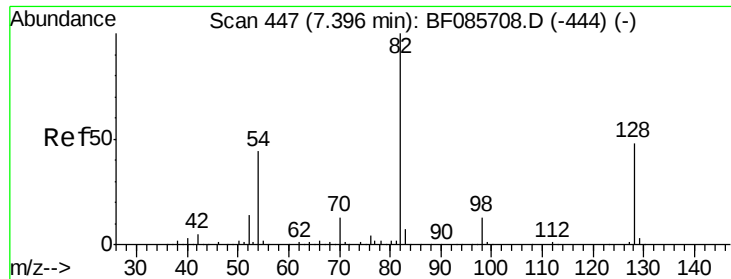
Delta R.T. -0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Tgt Ion:	136	Resp:	378011
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.0	7.4	11.0
68	8.2	5.8	8.8





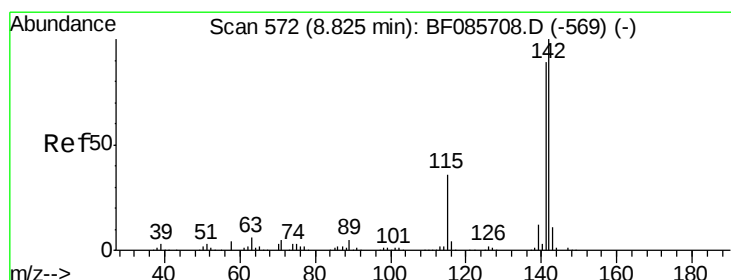
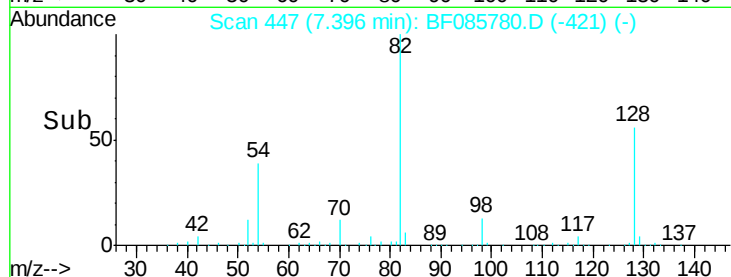
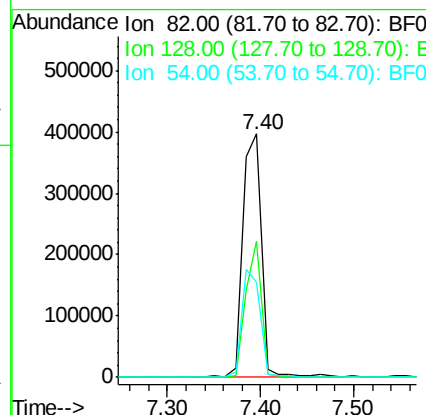
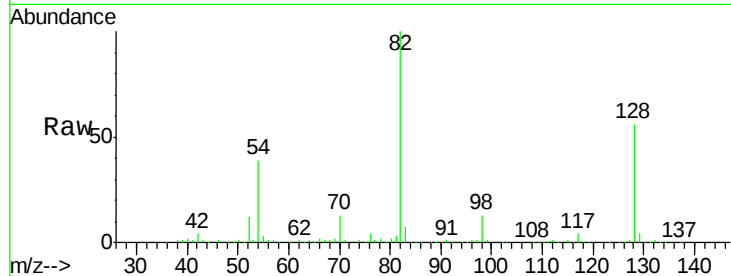
#23
 Nitrobenzene-d5
 Concen: 82.04 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

Instrument :
 BNA_F
 ClientSampled :
 1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	55.8	41.8	62.8	
54	38.9	33.4	50.0	

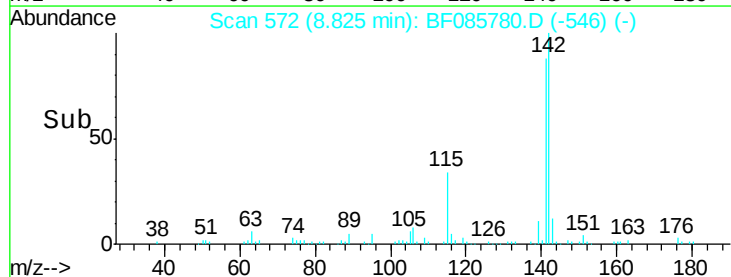
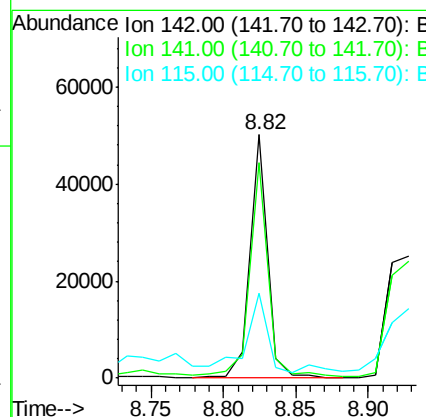
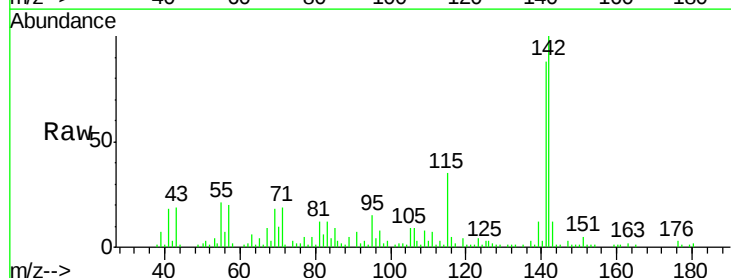
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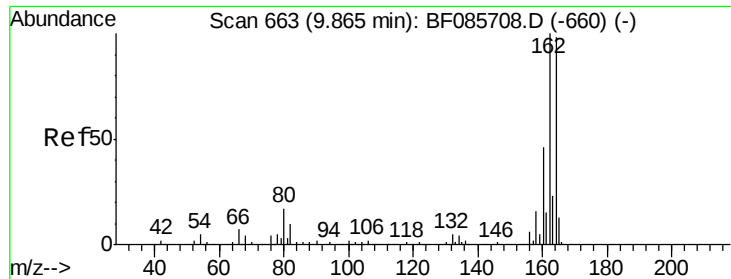
Sohil
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#37
 2-Methylnaphthalene
 Concen: 2.10 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.3	71.6	107.4	
115	34.7	26.8	40.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampled :

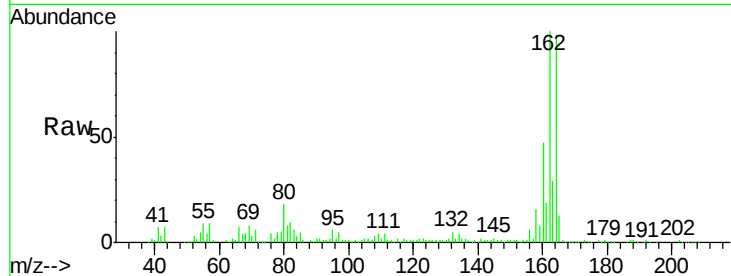
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Manual Integrations
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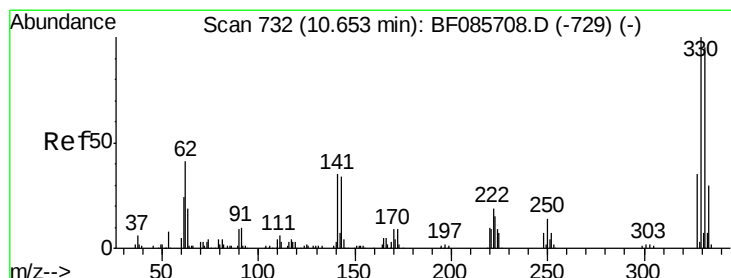
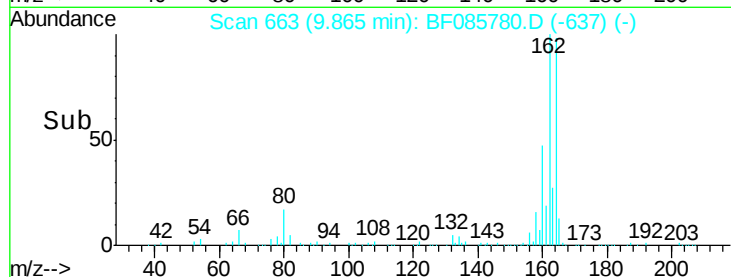
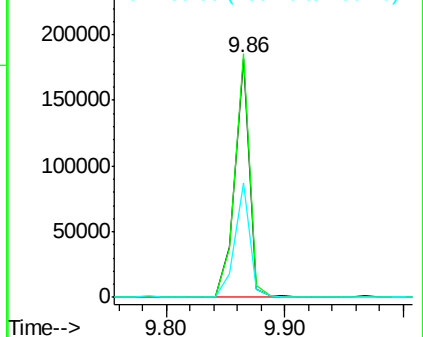
Sohil

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Tot Ion:	164	Resp:	156509
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.1	123.1
160	47.8	37.4	56.2



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: 103.67 ng

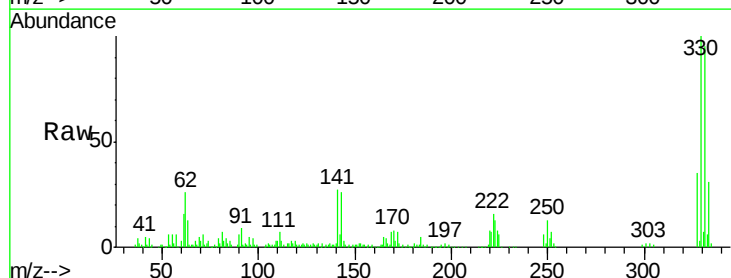
RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

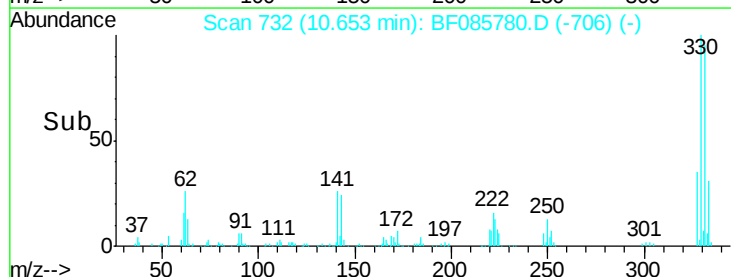
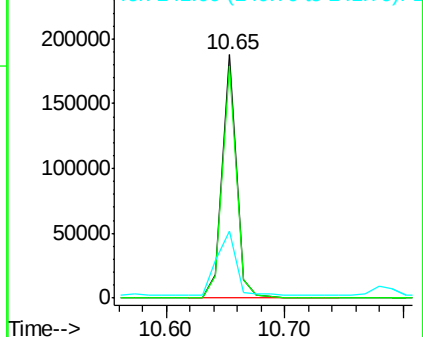
Lab File: BF085780.D

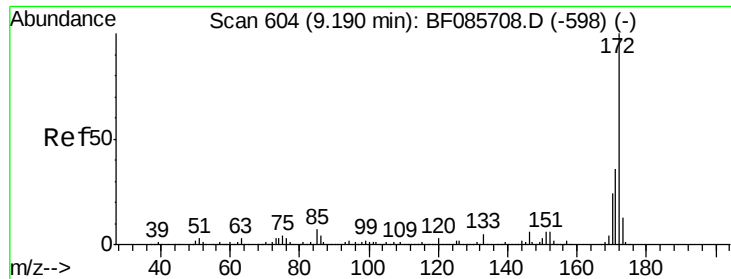
Acq: 26 Mar 2016 00:07

Tgt Ion:	330	Resp:	154160
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.2	117.2
141	37.9	31.5	47.3



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





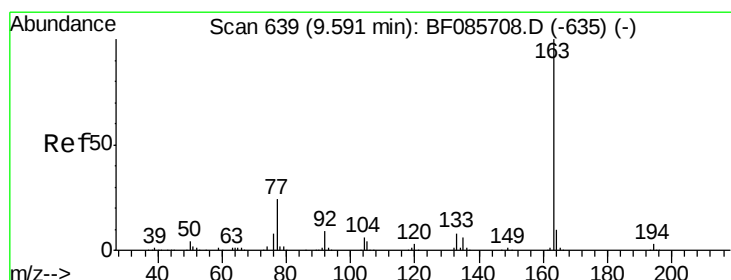
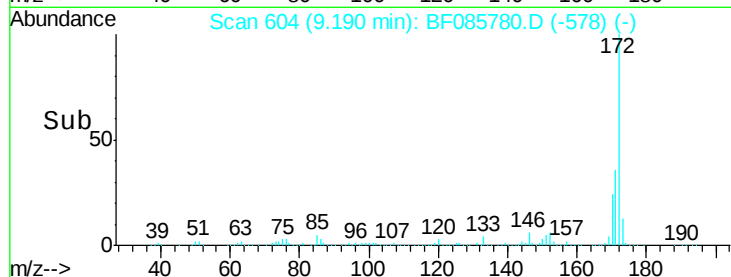
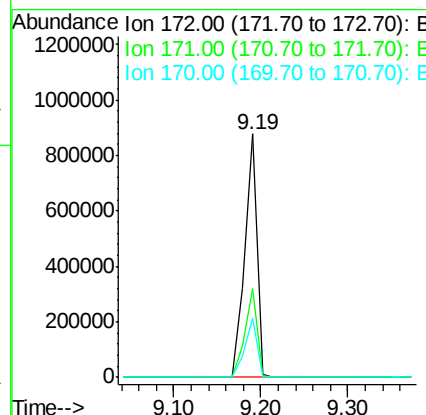
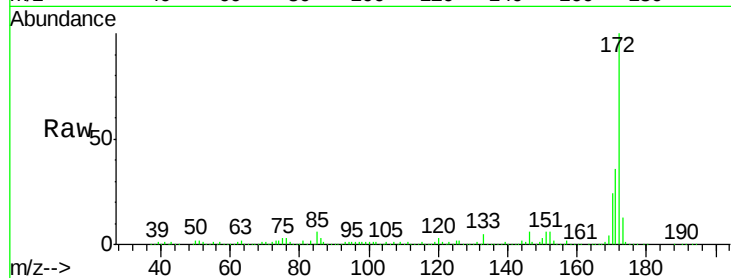
#44
2-Fluorobiphenyl
Concen: 89.56 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.3	19.8	29.6

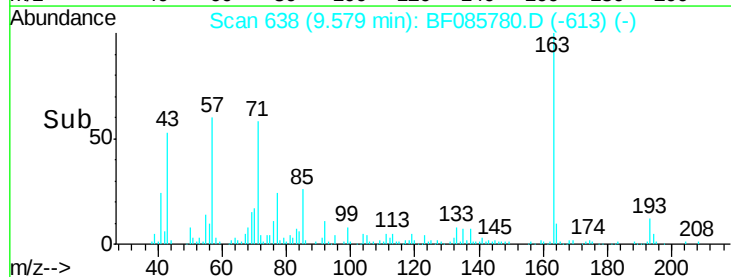
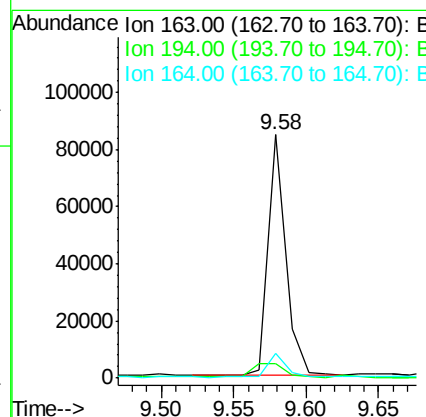
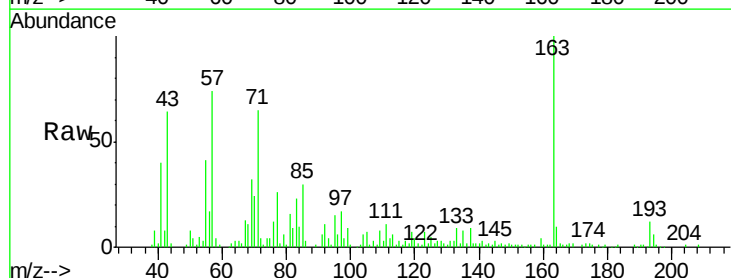
Manual Integrations
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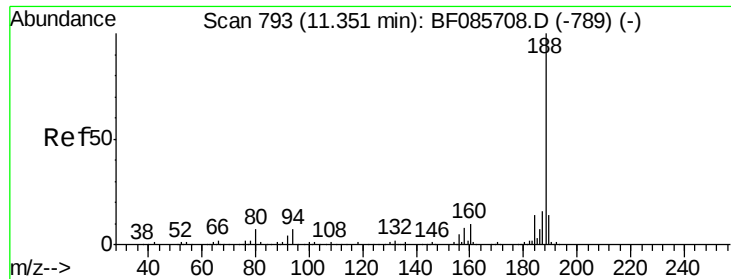
Sohil
3/28/2016 8:00:55 PM



#49
Dimethylphthalate
Concen: 6.09 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	2.9	4.3#
164	10.4	8.3	12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

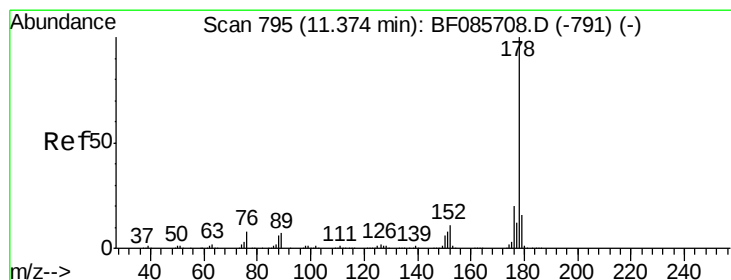
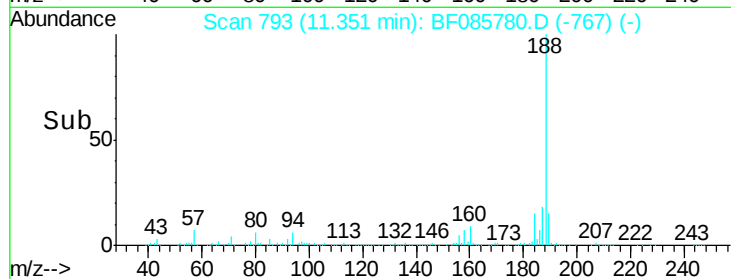
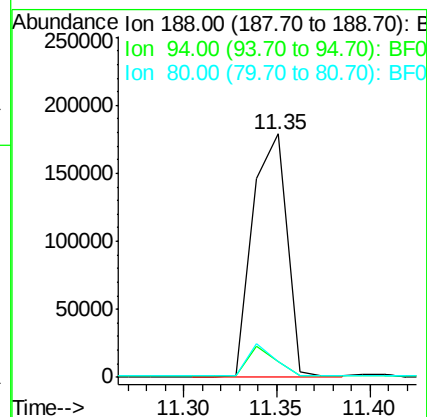
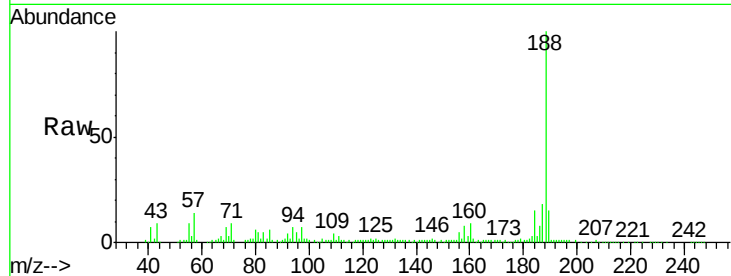
ClientSampleId :

1

Tot Ion:	188	Resp:	228039
Ion Ratio		Lower	Upper
188	100		
94	6.7	5.4	8.0
80	6.4	5.5	8.3

Manual Integrations
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#70

Phenanthrene

Concen: 2.19 ng m

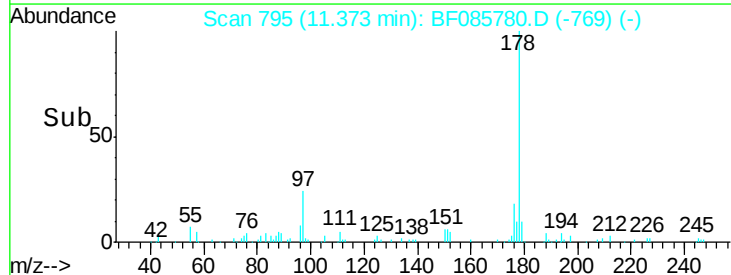
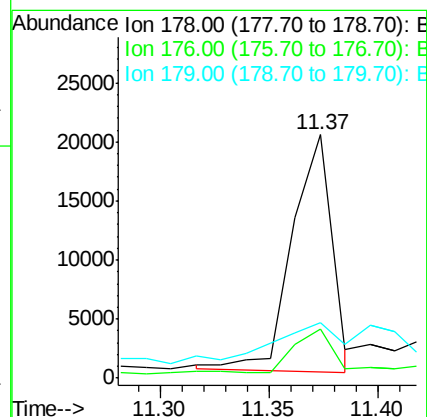
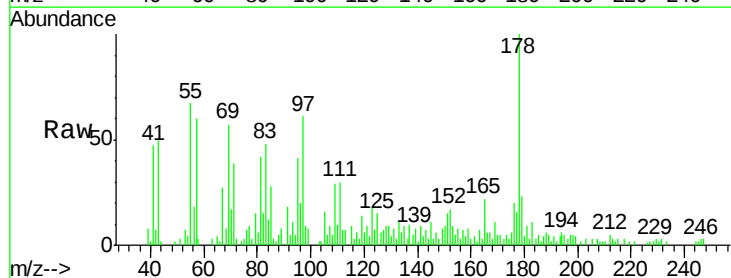
RT: 11.37 min Scan# 795

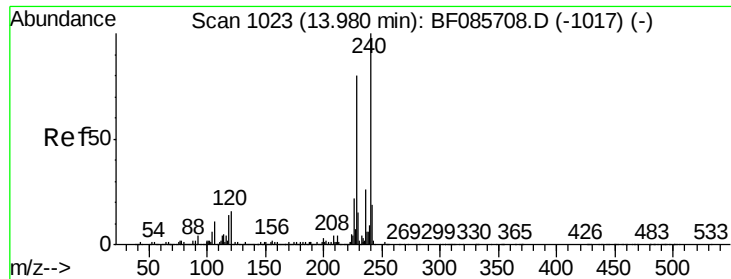
Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Tgt Ion:	178	Resp:	25600
Ion Ratio		Lower	Upper
178	100		
176	20.4	16.3	24.5
179	23.0	12.6	18.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

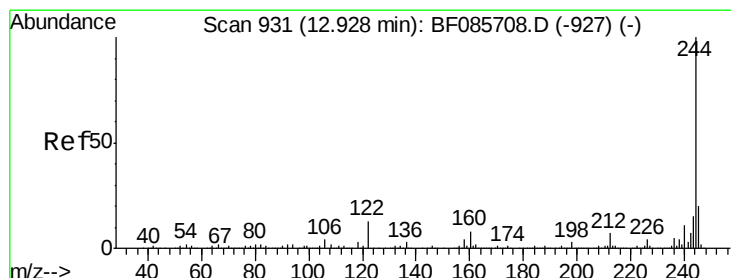
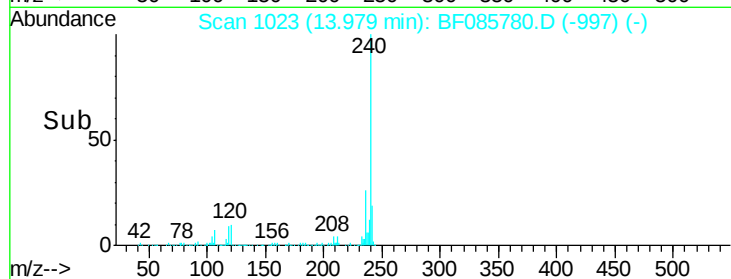
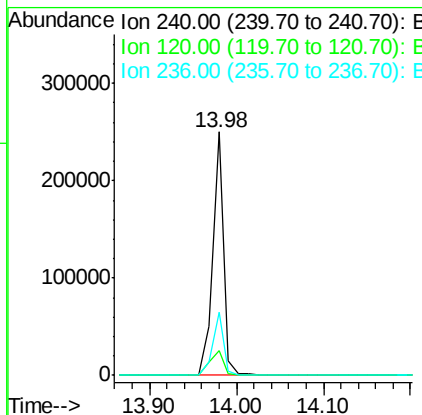
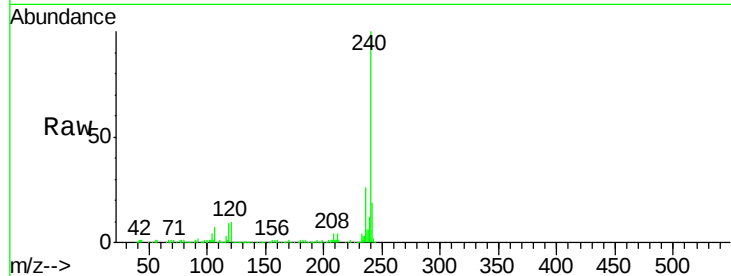
ClientSampleId :

1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	13.8	20.8#
236	25.8	20.6	30.8

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#78

Terphenyl-d14

Concen: 50.05 ng

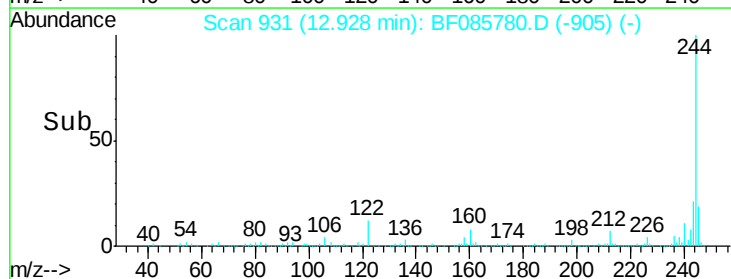
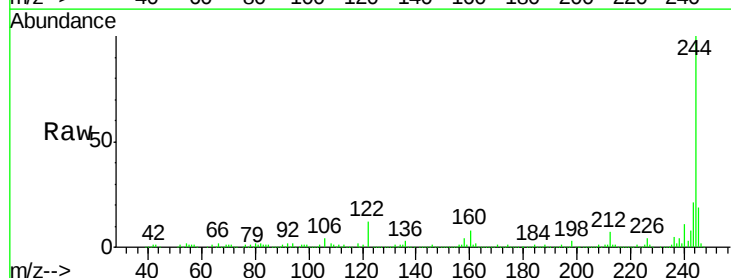
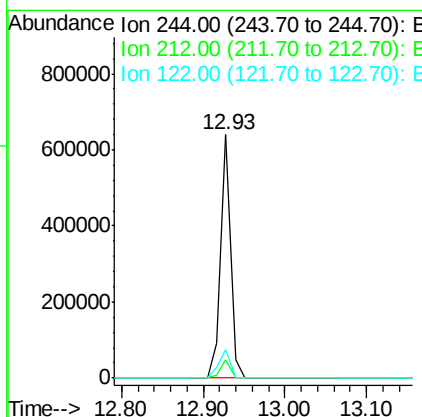
RT: 12.93 min Scan# 931

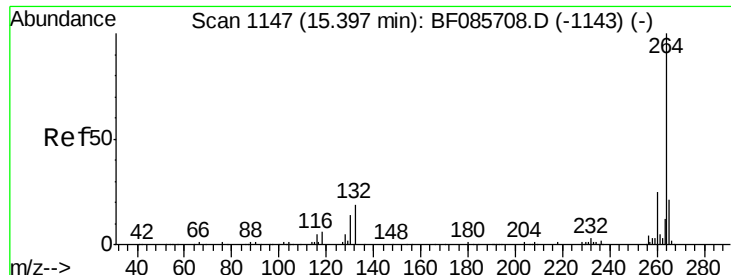
Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.8	10.2	15.4





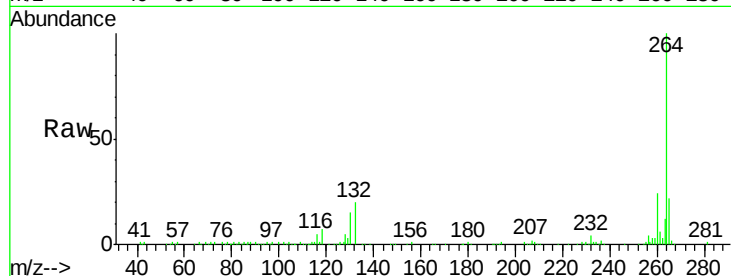
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion:	264	Resp:	181811
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	21.6	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/28/2016 8:00:55 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

