

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087066.D
 Acq On : 15 May 2016 13:32
 Operator : UM/SJ
 Sample : H3053-03
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Manual Integrations
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Quant Time: May 16 17:07:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	127011m	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	543040	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	267983	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	476439	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	365175	20.00	ng	-0.01
86) Perylene-d12	15.11	264	312414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	287403	38.32	ng	0.01
7) Phenol-d6	6.28	99	235299	23.48	ng	0.00
23) Nitrobenzene-d5	7.19	82	652623	60.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	198570	69.99	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1075987	67.48	ng	0.00
78) Terphenyl-d14	12.71	244	980540	56.97	ng	0.00
Target Compounds						
35) Caprolactam	8.33	113	30851	12.37	ng	Qvalue # 82
49) Dimethylphthalate	9.38	163	54765	2.68	ng	99

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

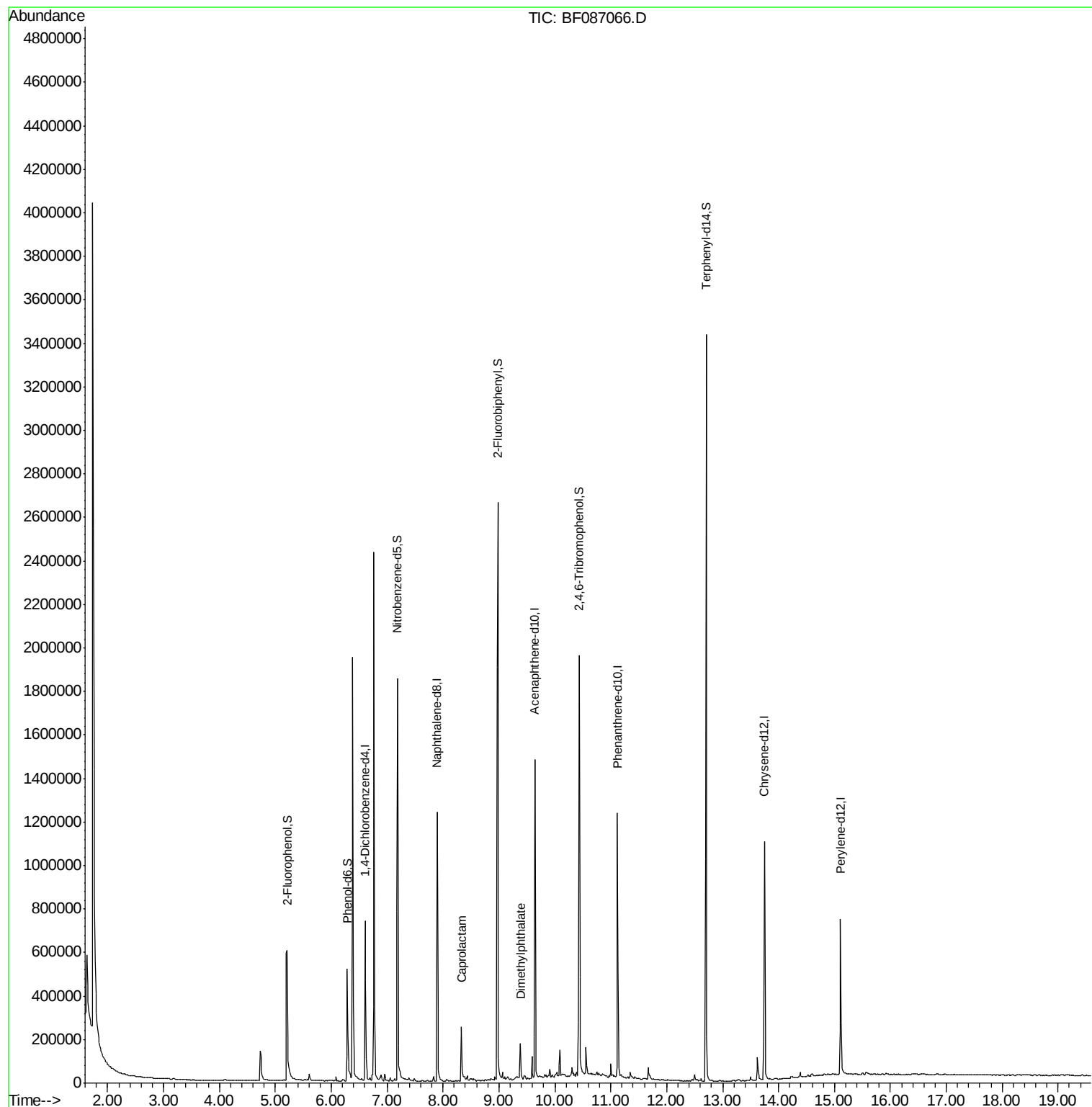
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087066.D
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Operator : UM/SJ
Sample : H3053-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

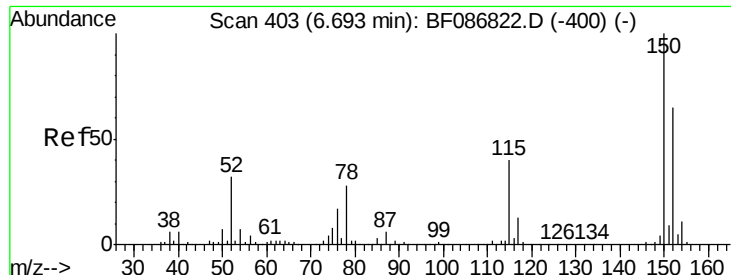
Instrument :
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Quant Time: May 16 17:07:05 2016
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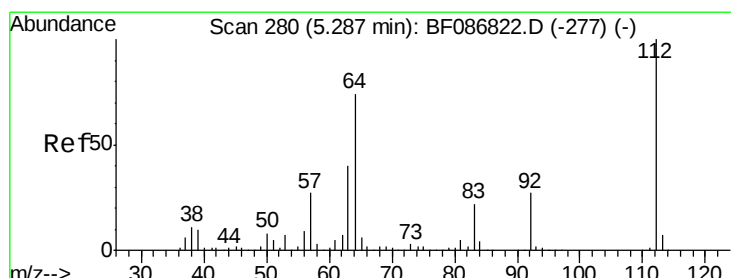
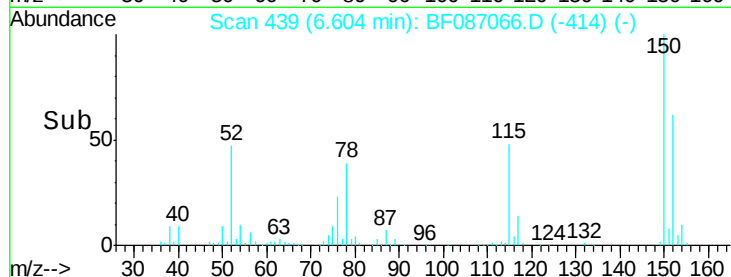
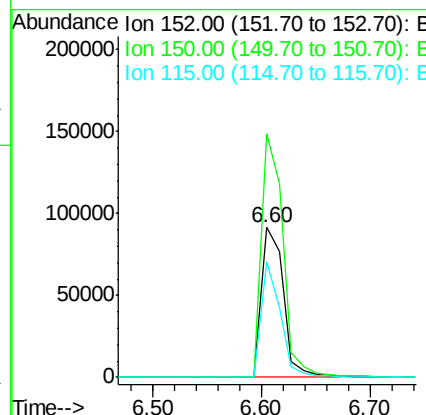
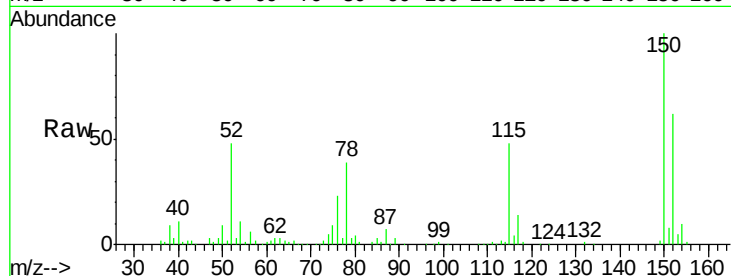
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	127011		
150	162.4	125.8	188.6	
115	77.3	51.5	77.3#	

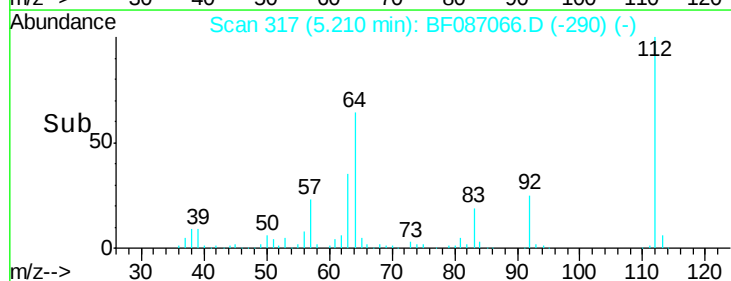
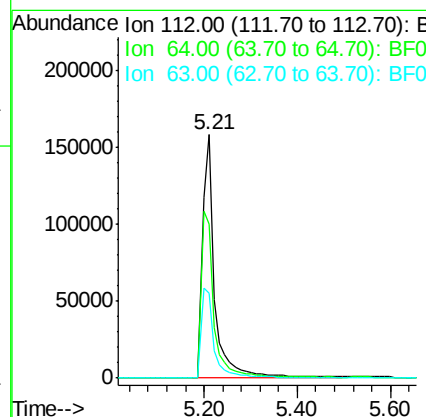
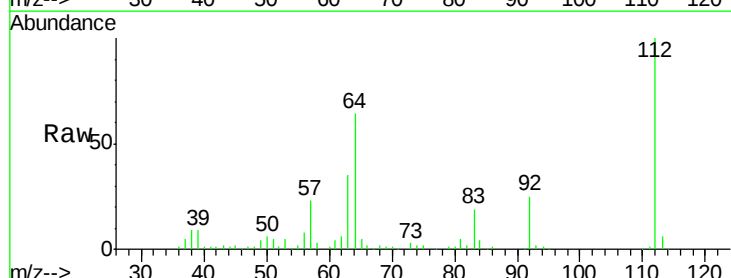
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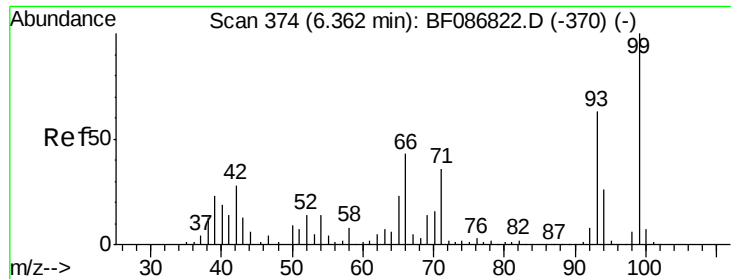
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#5
 2-Fluorophenol
 Concen: 38.32 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	287403		
64	63.5	52.1	78.1	
63	34.9	25.7	38.5	





#7

Phenol-d6

Concen: 23.48 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087066.D

Acq: 15 May 2016 13:32

Instrument :

BNA_F

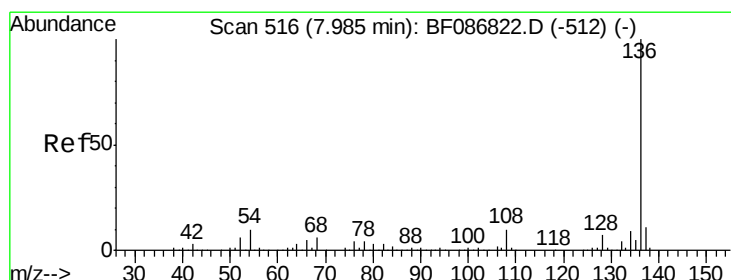
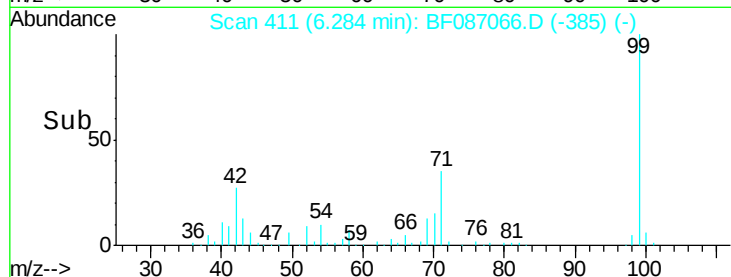
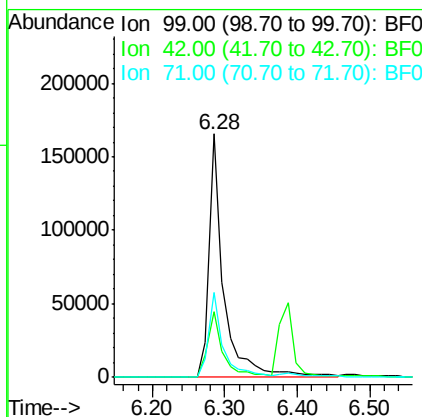
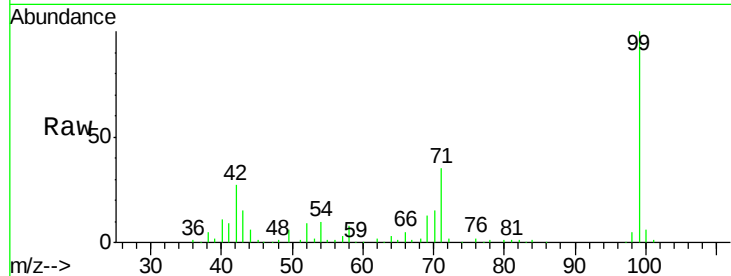
ClientSampleId :

W-19

Tgt Ion:	99	Resp:	235299
Ion Ratio	Lower	Upper	
99	100		
42	26.8	13.6	20.4#
71	34.9	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

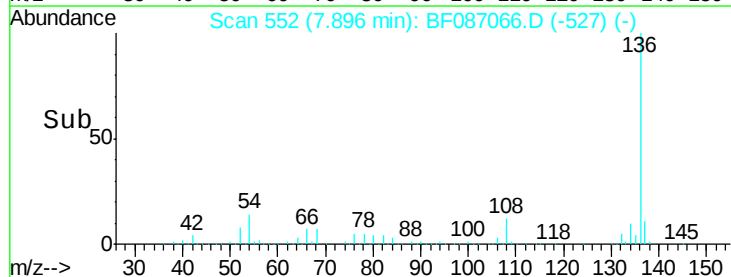
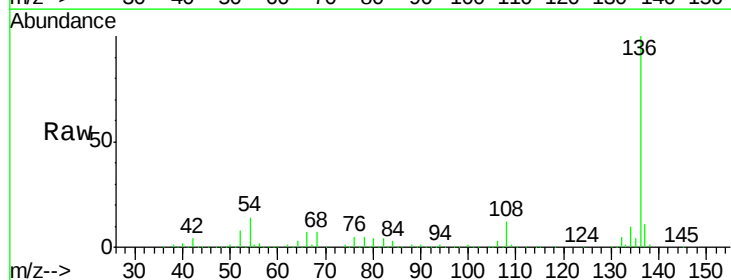
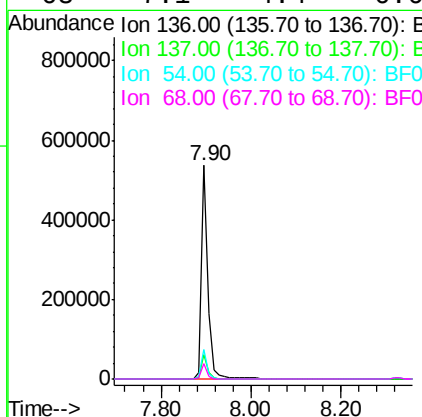
RT: 7.90 min Scan# 552

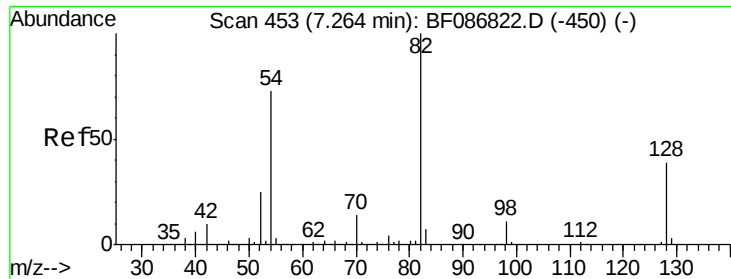
Delta R.T. -0.01 min

Lab File: BF087066.D

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Tgt Ion:	136	Resp:	543040
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	13.6	5.0	7.4#
68	7.1	4.4	6.6#





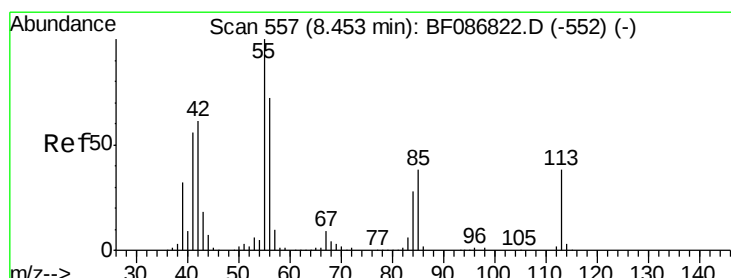
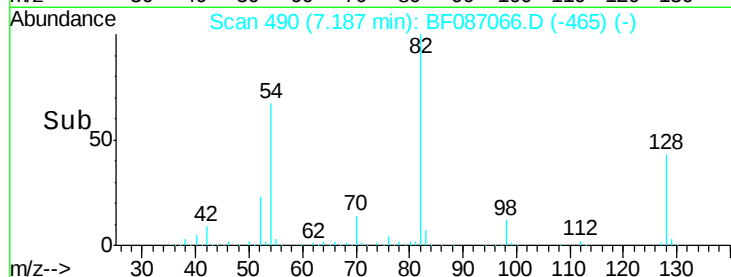
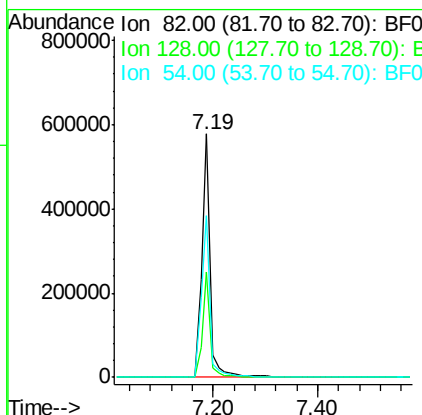
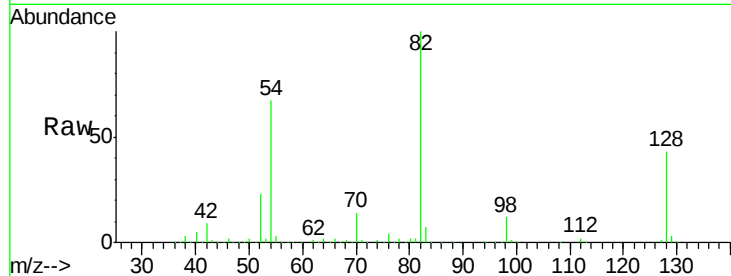
#23
 Nitrobenzene-d5
 Concen: 60.35 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Instrument :
 BNA_F
 ClientSampled :
 W-19

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.4	40.6	61.0
54	66.6	38.1	57.1

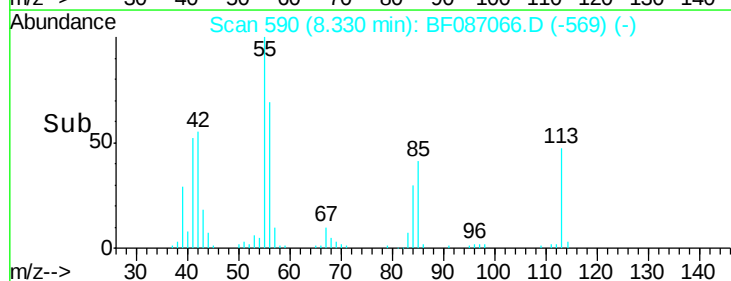
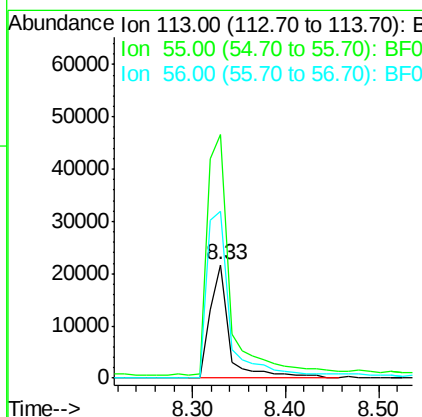
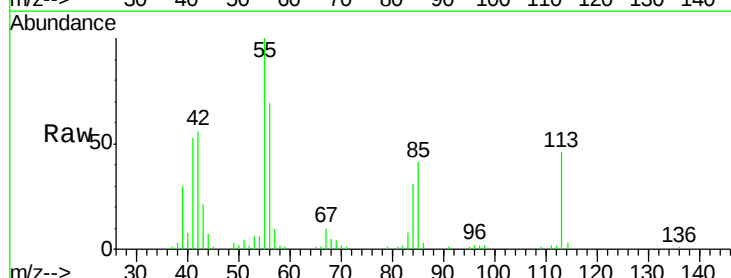
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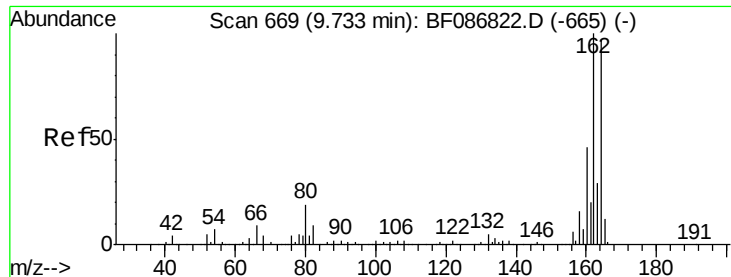
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#35
 Caprolactam
 Concen: 12.37 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	215.1	162.0	202.0
56	147.7	115.3	155.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087066.D

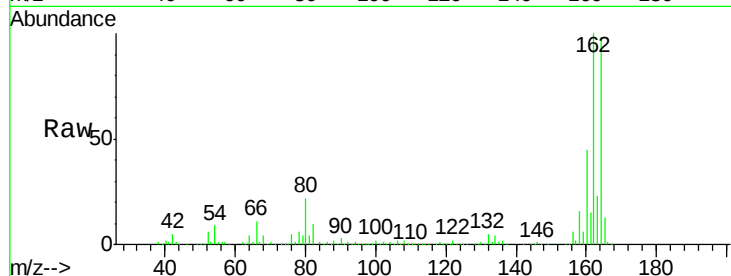
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Instrument :

BNA_F

ClientSampleId :

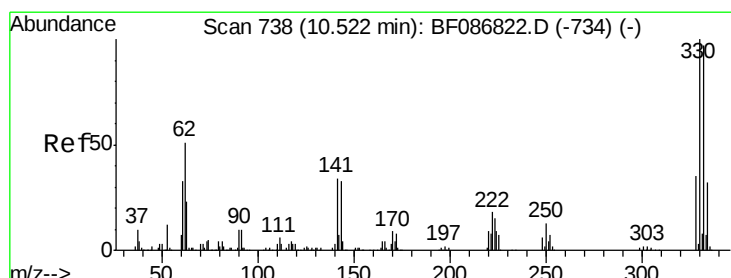
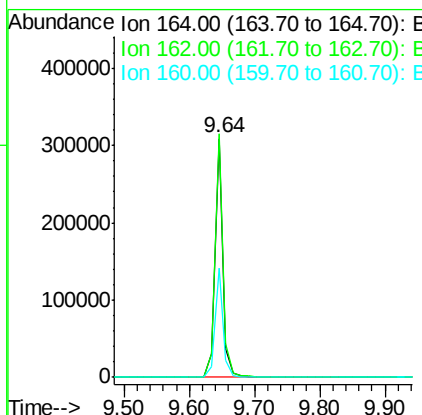
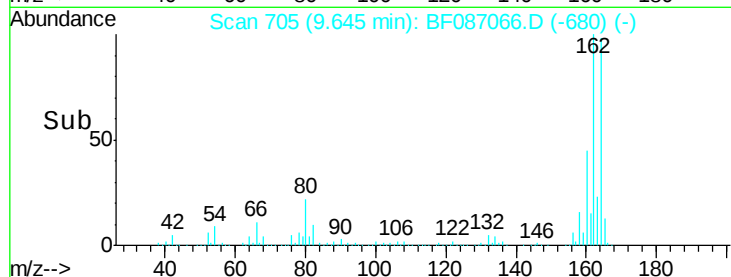
W-19



Tgt Ion:	164	Resp:	267983
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.8	124.2
160	45.9	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 69.99 ng

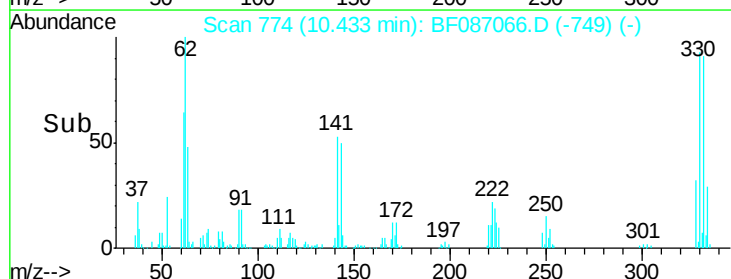
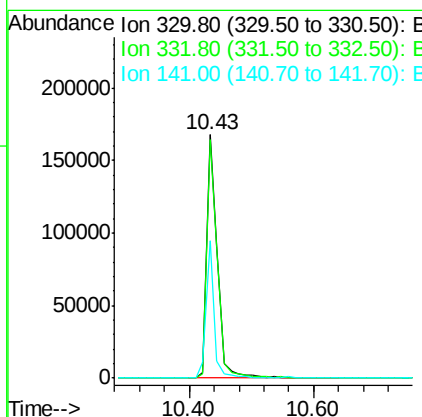
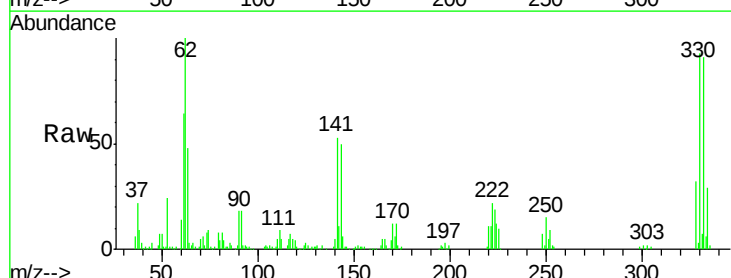
RT: 10.43 min Scan# 774

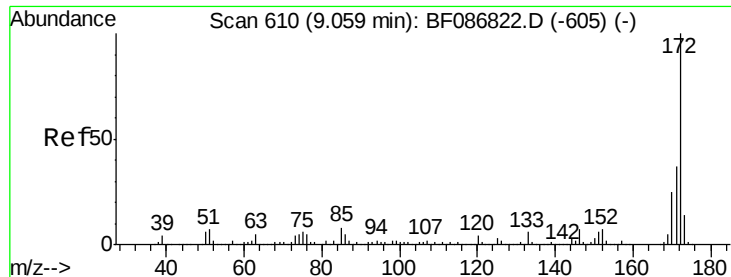
Delta R.T. -0.01 min

Lab File: BF087066.D

Acq: 15 May 2016 13:32

Tgt Ion:	330	Resp:	198570
Ion Ratio	Lower	Upper	
330	100		
332	98.1	79.0	118.4
141	43.6	31.2	46.8





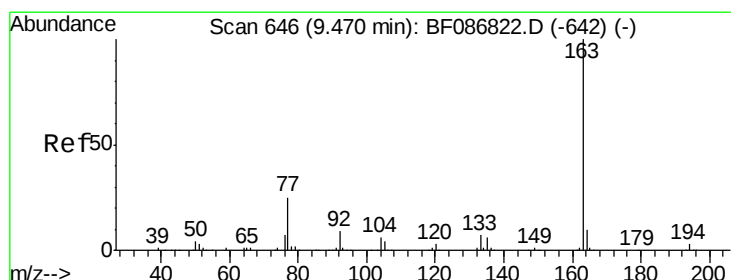
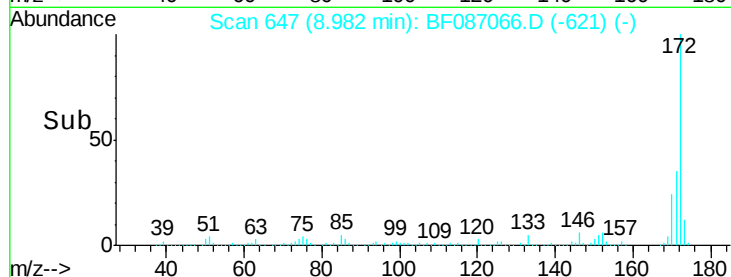
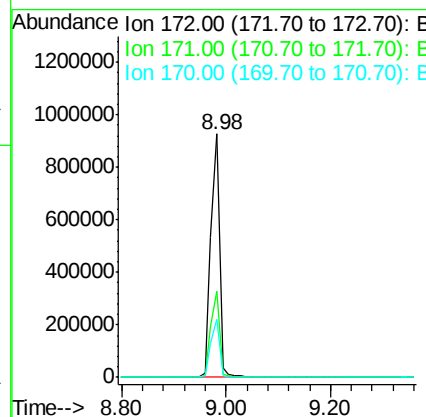
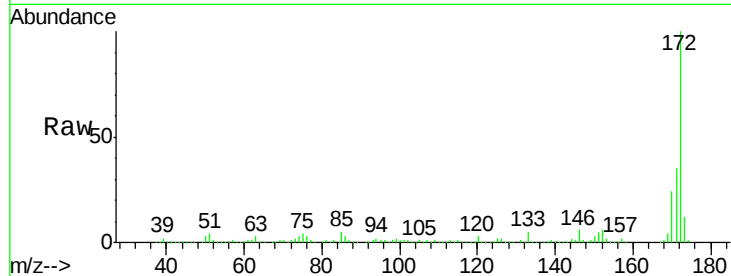
#44
 2-Fluorobiphenyl
 Concen: 67.48 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1075987
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.8 19.8 29.8

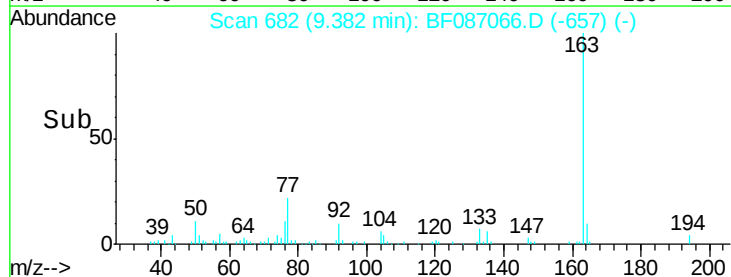
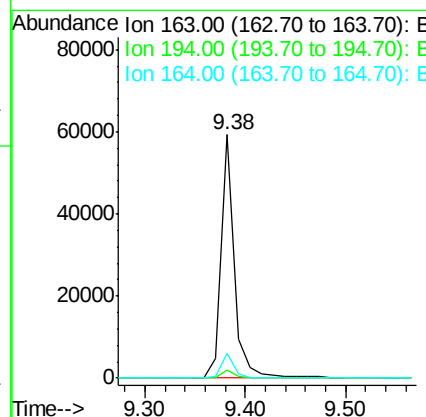
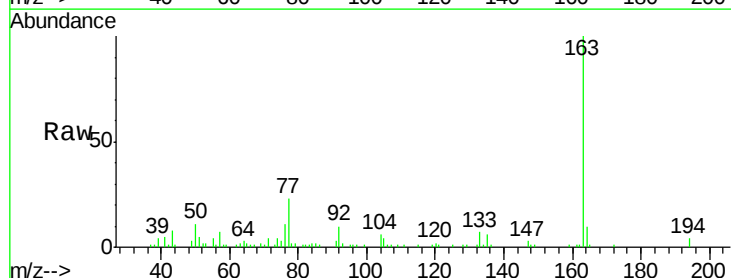
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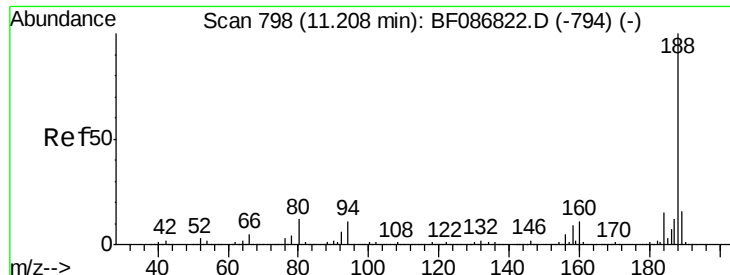
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#49
 Dimethylphthalate
 Concen: 2.68 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Tgt Ion:163 Resp: 54765
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.1 8.2 12.4





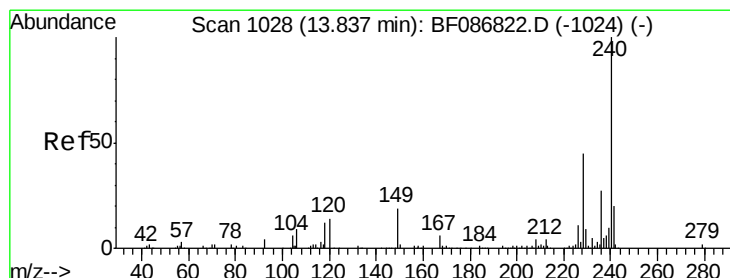
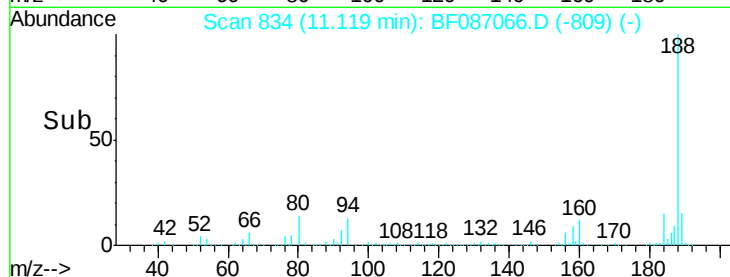
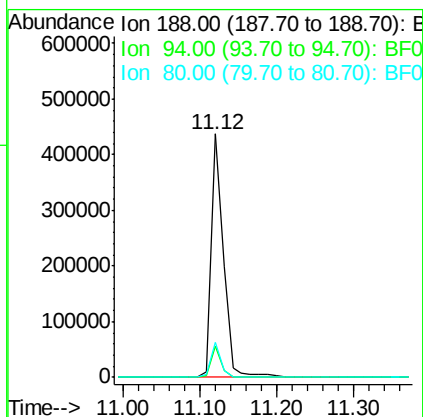
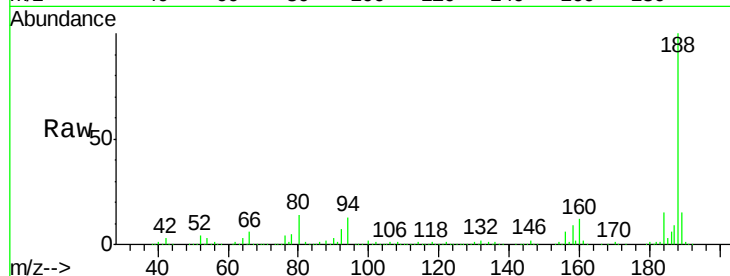
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	14.2	7.1	10.7#

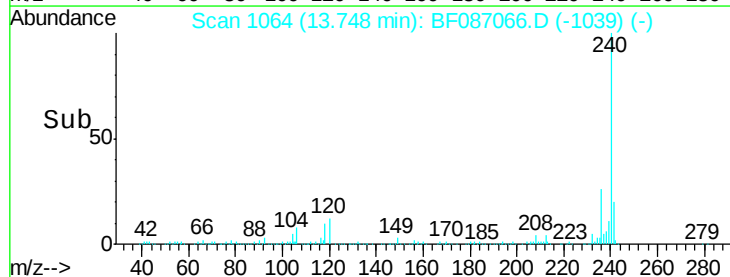
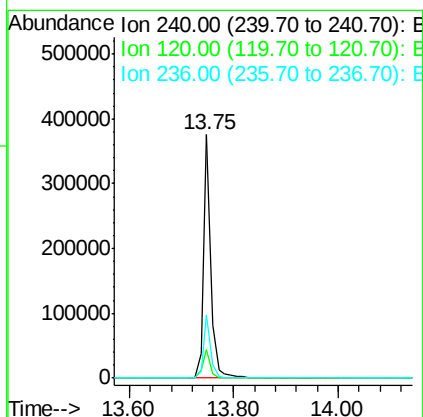
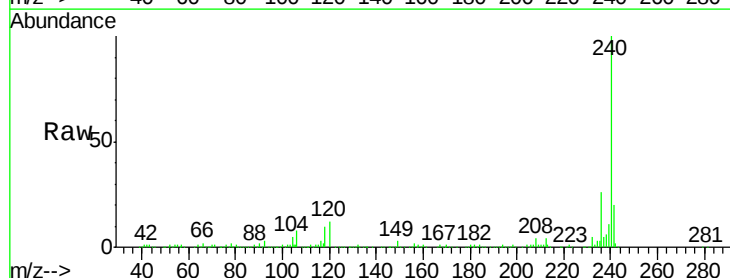
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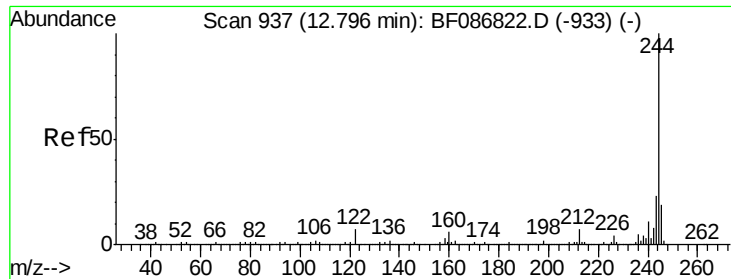
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	11.2	16.8
236	25.8	21.2	31.8





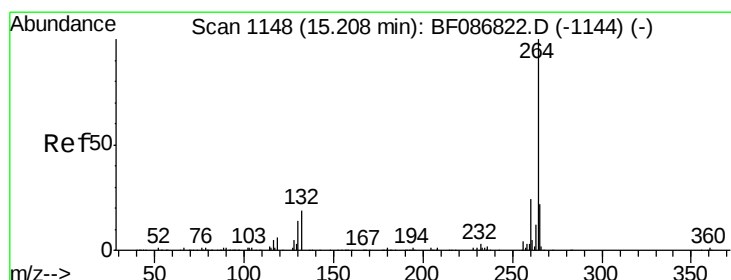
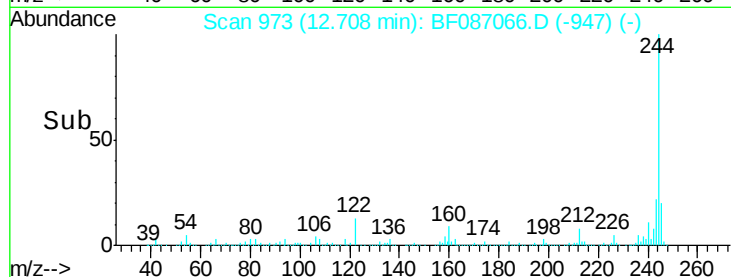
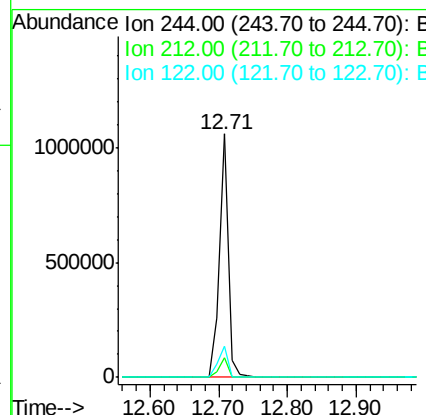
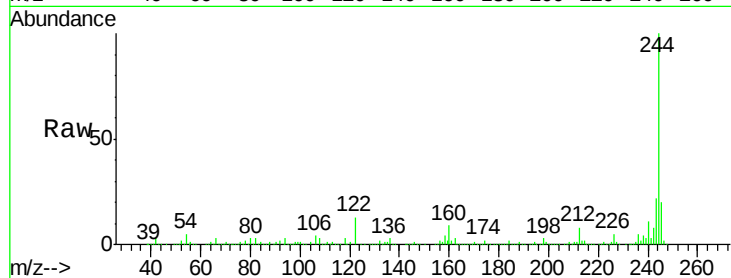
#78
 Terphenyl-d14
 Concen: 56.97 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Instrument :
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 ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	6.2	9.2
122	12.6	12.0	18.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087066.D
 Acq: 15 May 2016 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.3	25.9

