

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086122.D
 Acq On : 7 Apr 2016 2:44
 Operator : UM/SJ
 Sample : H2104-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
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Sohil
 4/7/2016 8:59:23 AM

Quant Time: Apr 07 04:12:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	93526	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	339992	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	115876	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	226397	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	218626	20.00	ng	-0.02
86) Perylene-d12	15.30	264	152472	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	692310	126.53	ng	-0.02
7) Phenol-d6	6.40	99	866779	124.72	ng	-0.02
23) Nitrobenzene-d5	7.31	82	432271	74.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	129261	118.85	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	632742	90.79	ng	-0.03
78) Terphenyl-d14	12.85	244	661431	71.12	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	85035	9.90	ng	99
74) Fluoranthene	12.48	202	49038	3.82	ng	93
77) Pyrene	12.71	202	44972	2.92	ng	98
80) Benzo(a)anthracene	13.89	228	30680	2.38	ng	97
87) Benzo(b)fluoranthene	14.91	252	23130m	2.41	ng	

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

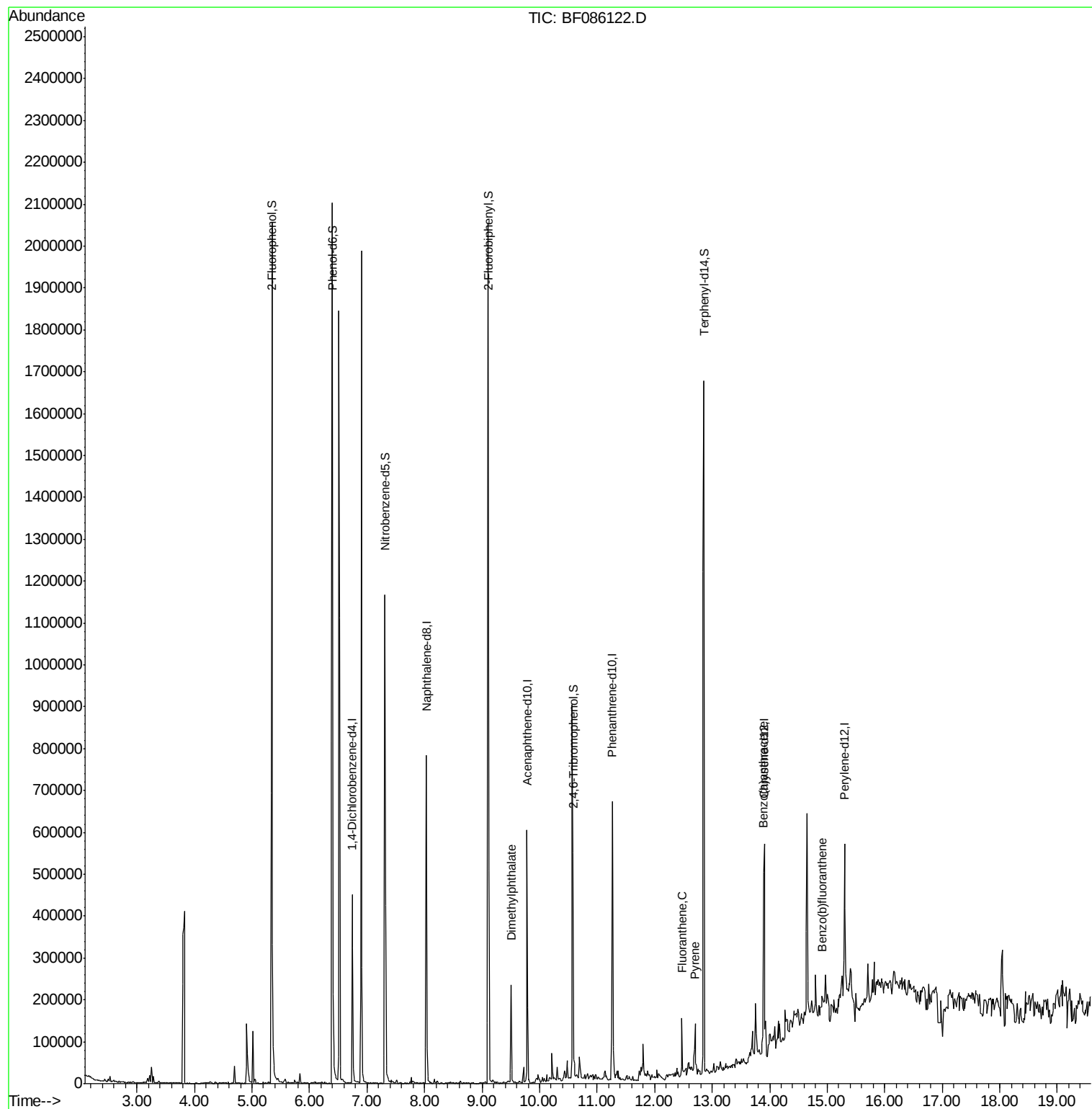
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

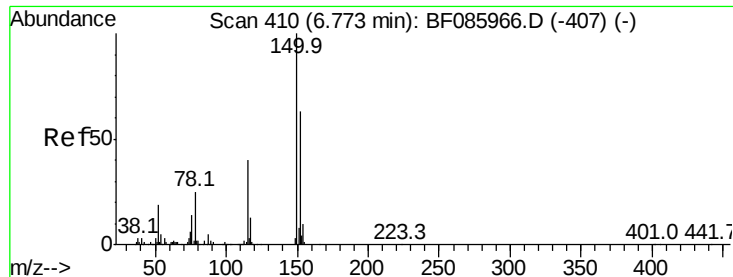
Instrument :
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WC-1

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Instrument :

BNA_F

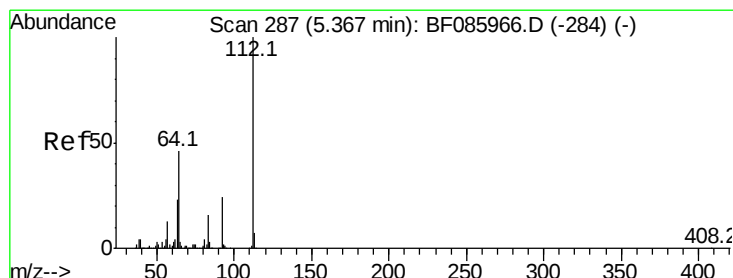
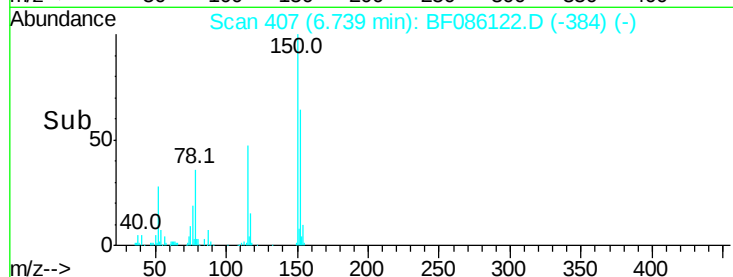
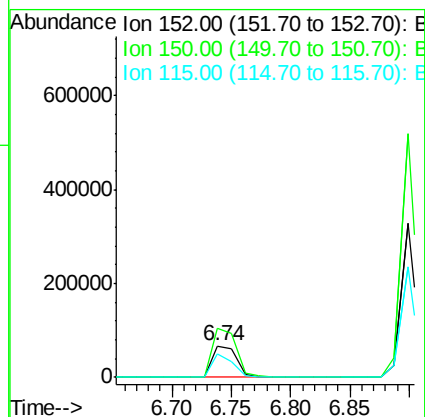
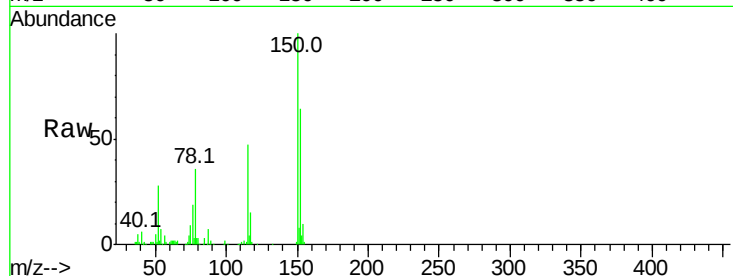
ClientSampleId :

WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	74.3	47.0	70.6

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#5

2-Fluorophenol

Concen: 126.53 ng

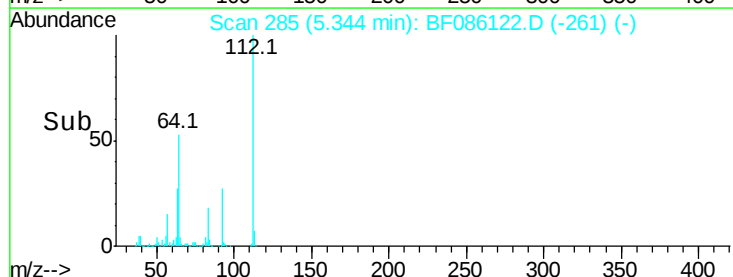
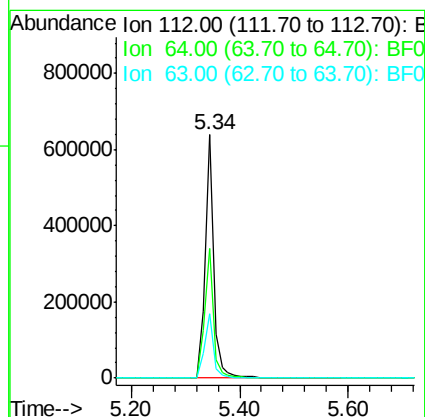
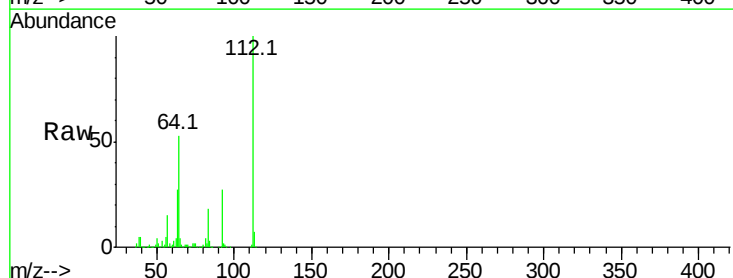
RT: 5.34 min Scan# 285

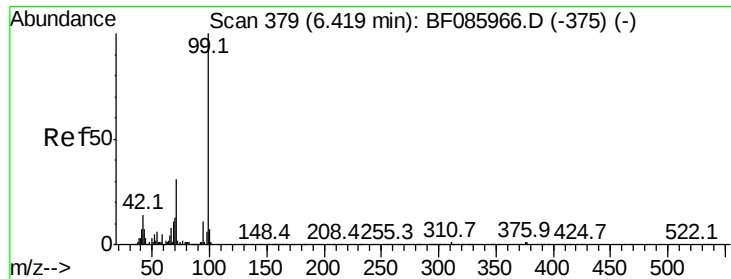
Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	39.9	59.9
63	26.7	20.2	30.2





#7

Phenol-d6

Concen: 124.72 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Instrument :

BNA_F

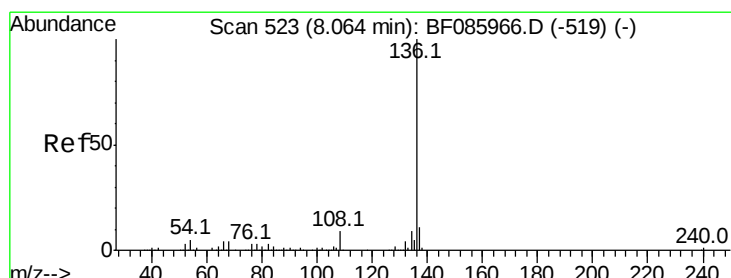
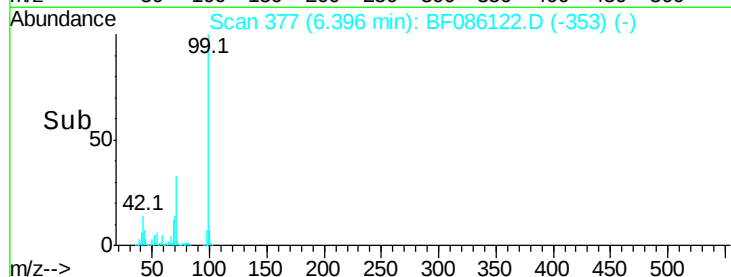
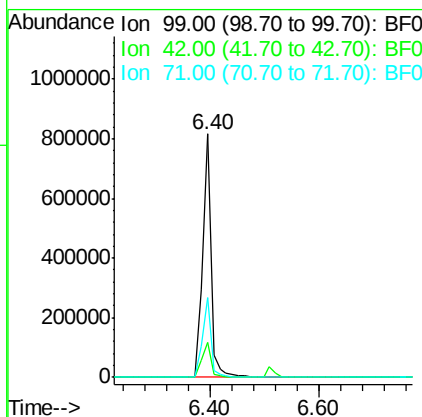
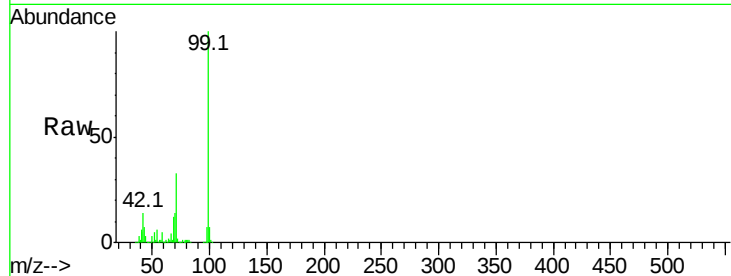
ClientSampleId :

WC-1

Tot Ion:	99	Resp:	866779
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.1	16.7
71	32.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

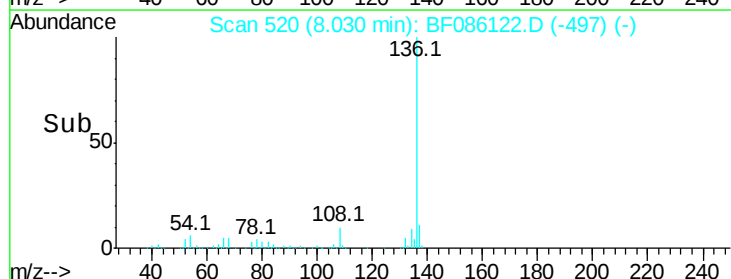
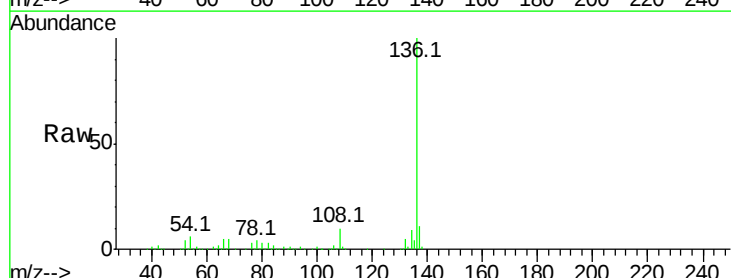
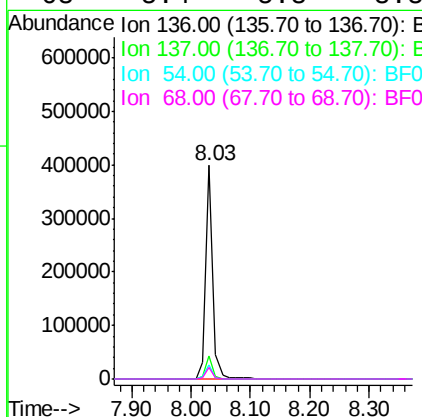
RT: 8.03 min Scan# 520

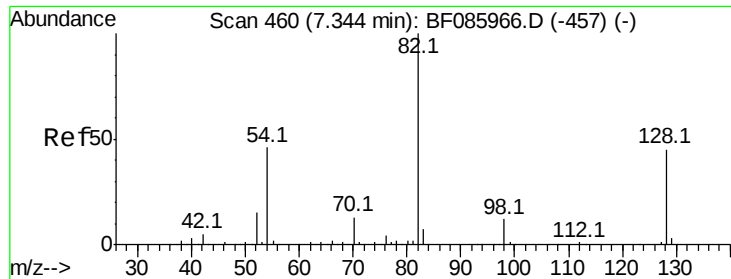
Delta R.T. -0.03 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Tgt Ion:	136	Resp:	339992
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	6.5	7.4	11.0#
68	5.4	5.8	8.8#





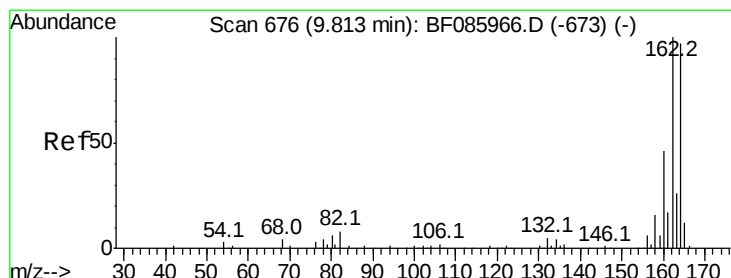
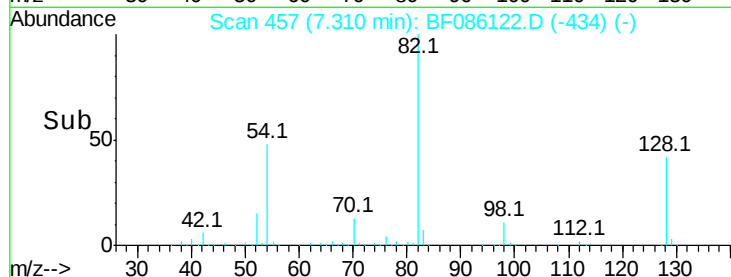
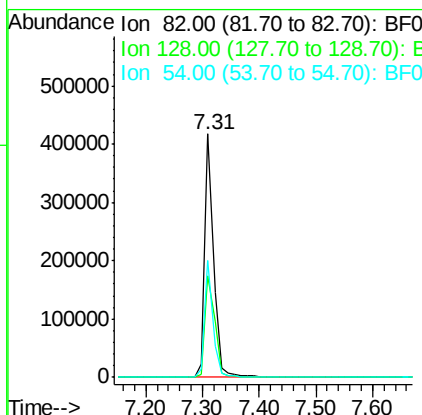
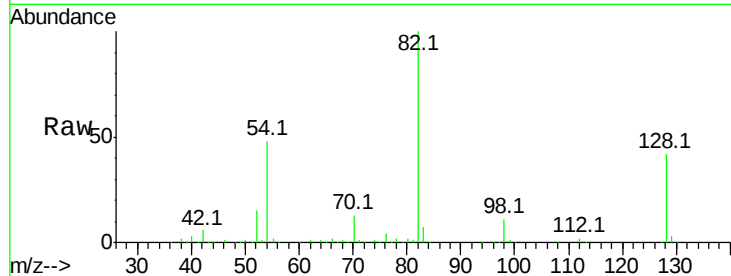
#23
 Nitrobenzene-d5
 Concen: 74.98 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086122.D
 Acq: 7 Apr 2016 2:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	41.8	62.8#
54	47.9	33.4	50.0

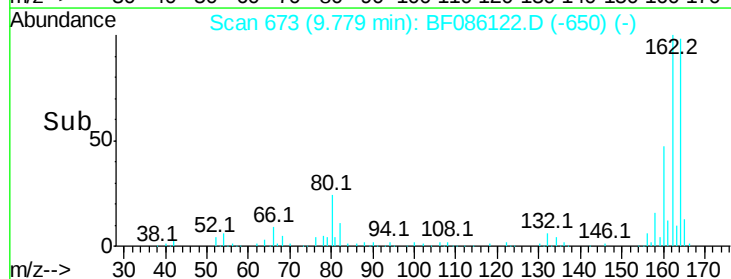
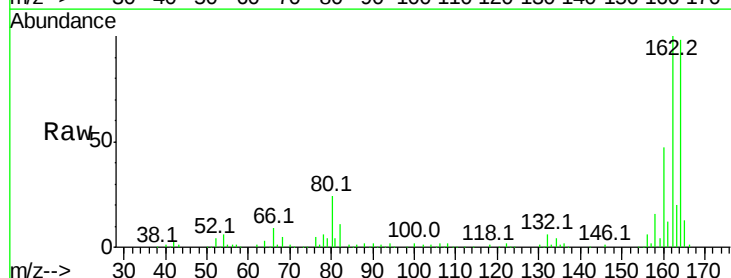
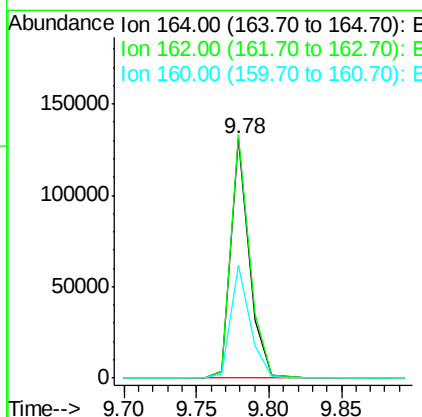
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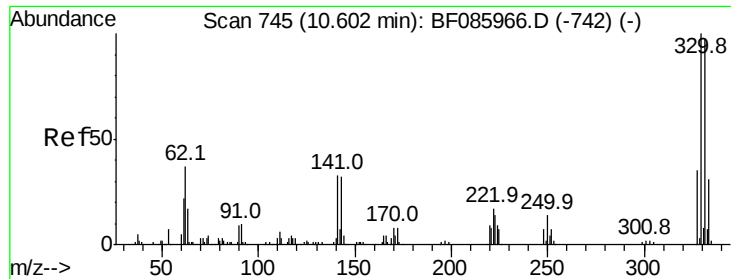
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086122.D
 Acq: 7 Apr 2016 2:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	47.3	37.4	56.2





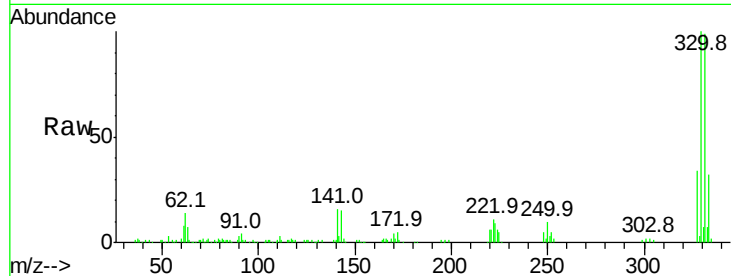
#41
 2,4,6-Tribromophenol
 Concen: 118.85 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086122.D
 Acq: 7 Apr 2016 2:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

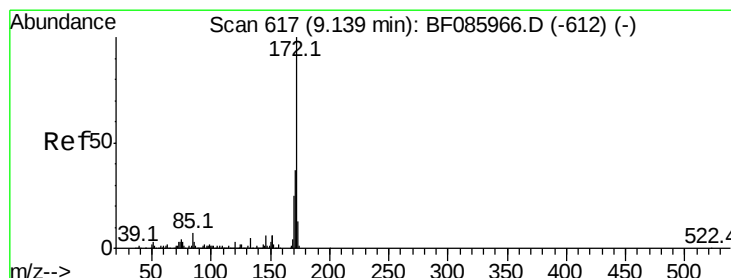
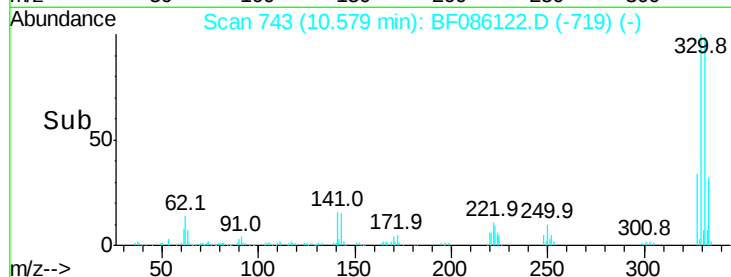
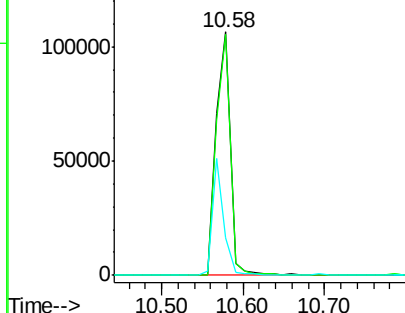
Tot Ion	Ratio	Resp	Lower	Upper
330	100	129261		
332	97.9	78.2	117.2	
141	39.3	31.5	47.3	

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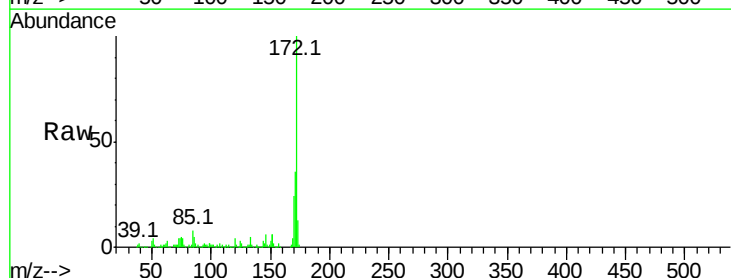


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

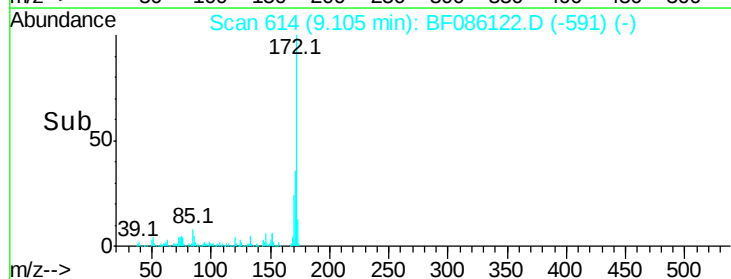
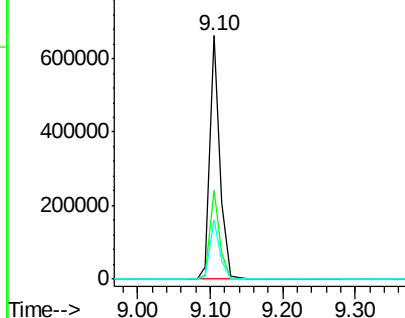


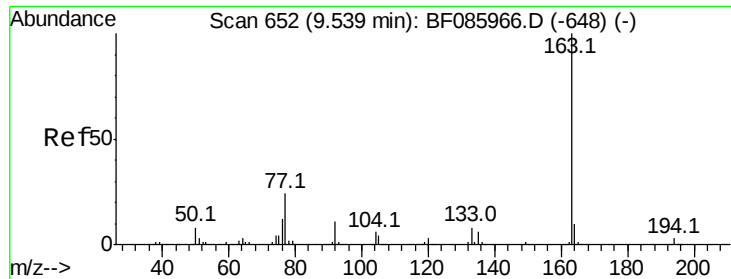
#44
 2-Fluorobiphenyl
 Concen: 90.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086122.D
 Acq: 7 Apr 2016 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	632742		
171	36.2	29.4	44.2	
170	24.4	19.8	29.6	



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





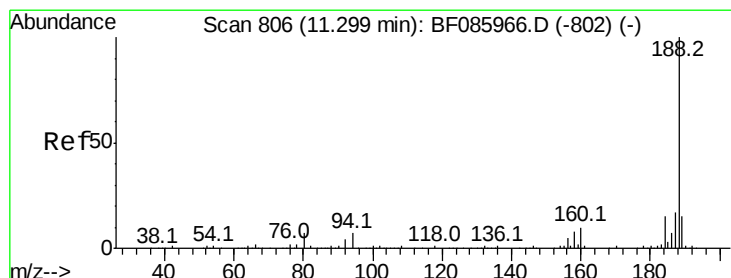
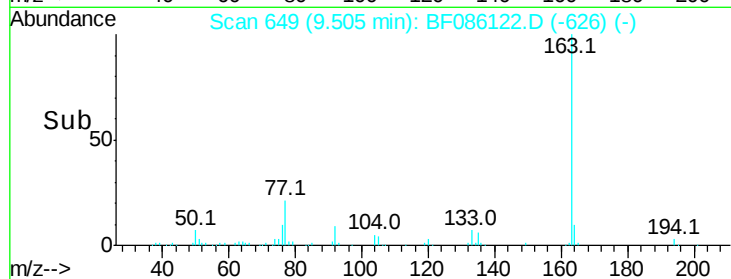
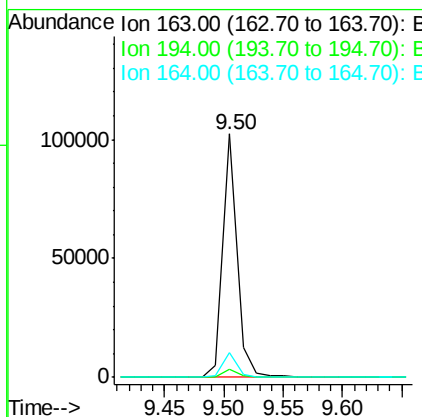
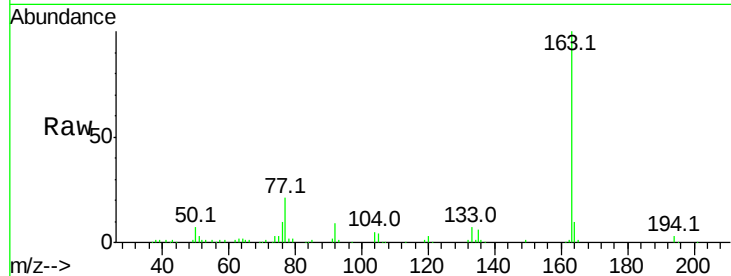
#49
Dimethylphthalate
Concen: 9.90 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086122.D
Acq: 7 Apr 2016 2:44

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	85035		
194	3.4		2.9	4.3
164	10.2		8.3	12.5

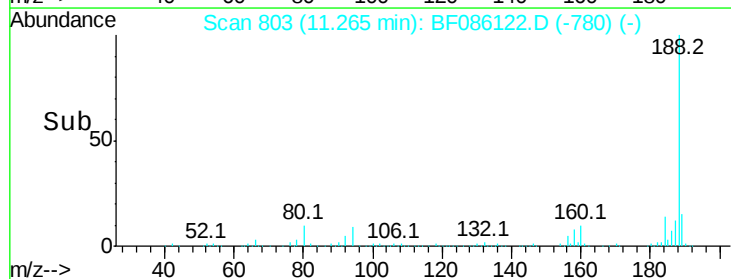
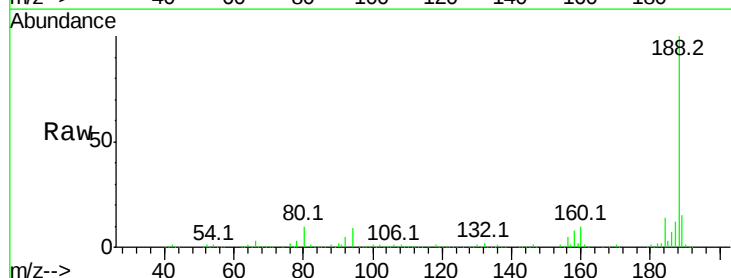
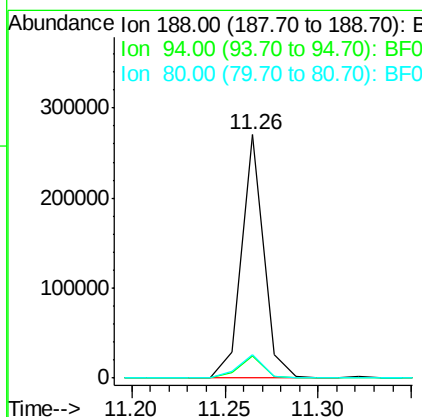
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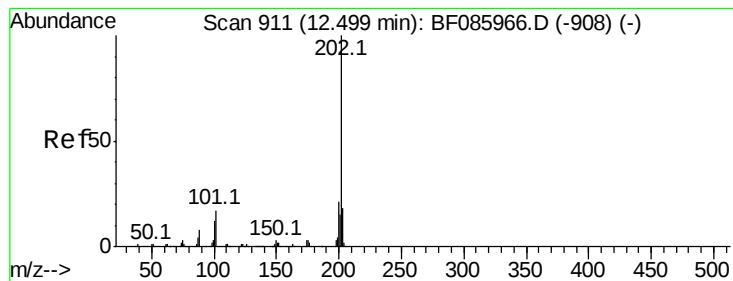
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086122.D
Acq: 7 Apr 2016 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	226397		
94	9.1		5.4	8.0#
80	9.6		5.5	8.3#





#74

Fluoranthene

Concen: 3.82 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Instrument :

BNA_F

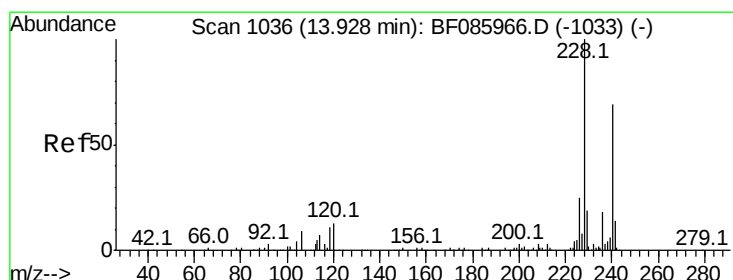
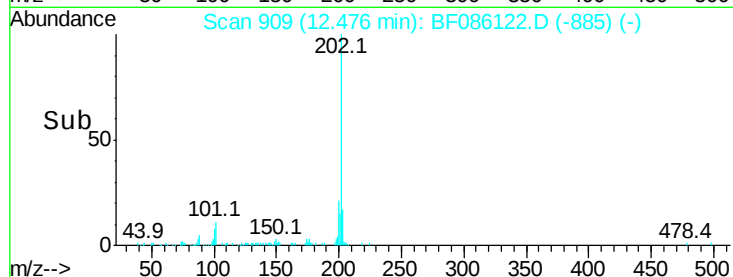
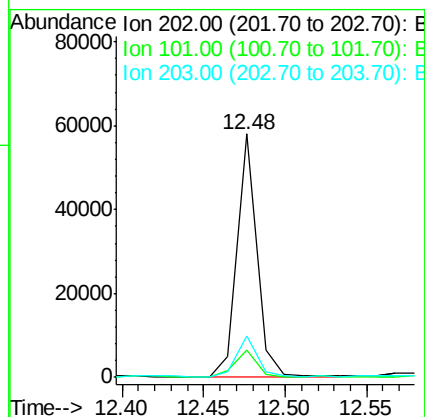
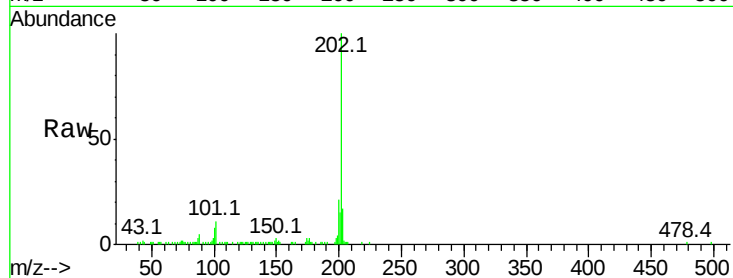
ClientSampleId :

WC-1

Tot Ion:	202	Resp:	49038
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	36.6
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

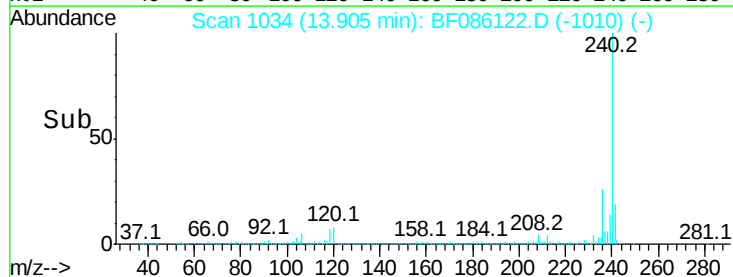
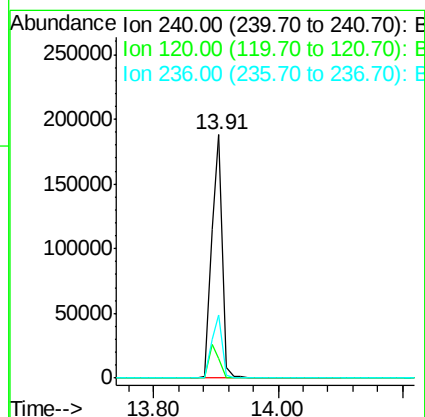
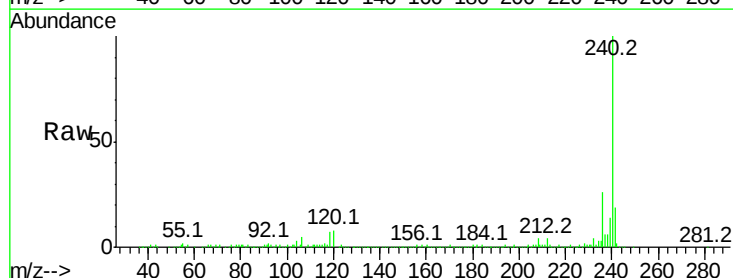
RT: 13.91 min Scan# 1034

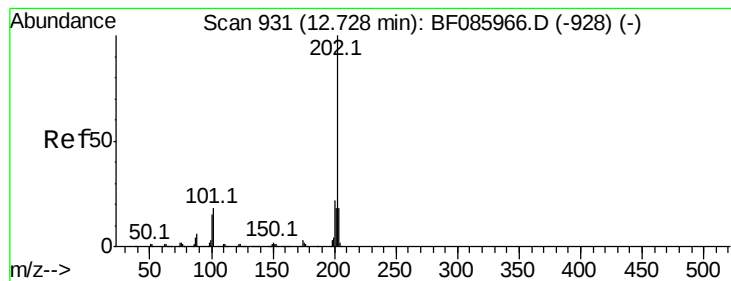
Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Tgt Ion:	240	Resp:	218626
Ion Ratio	Lower	Upper	
240	100		
120	8.3	13.8	20.8#
236	26.1	20.6	30.8





#77

Pvrene

Concen: 2.92 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Instrument :

BNA_F

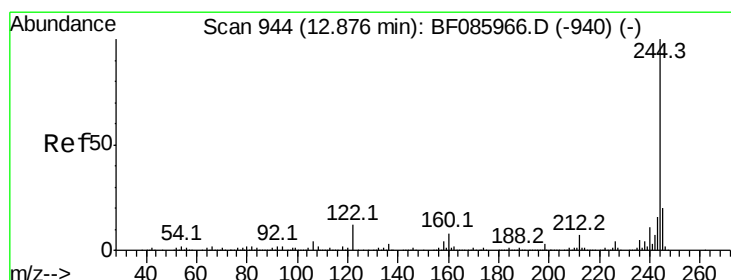
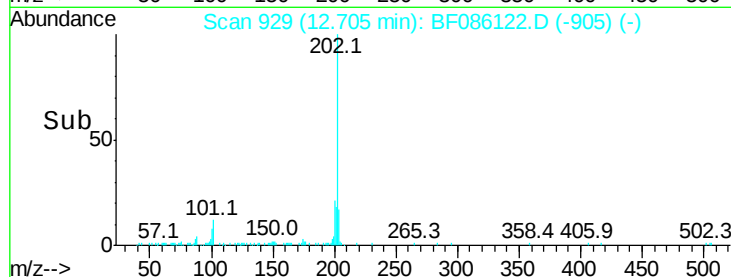
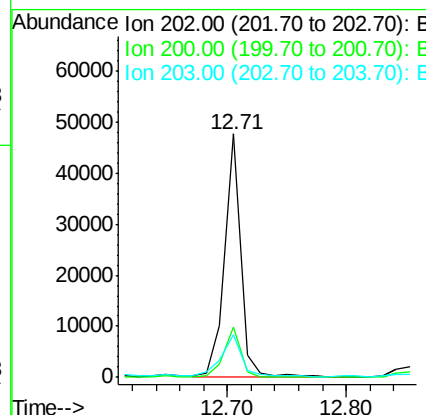
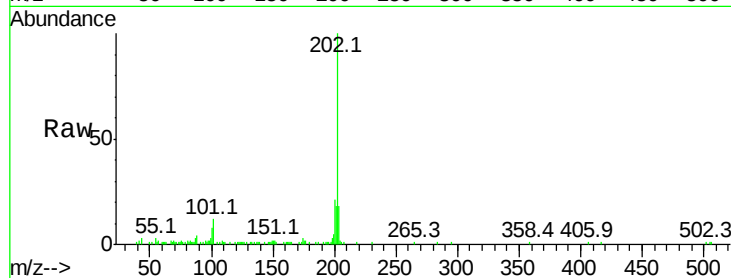
ClientSampleId :

WC-1

Tot Ion:	202	Resp:	44972
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.7	14.0	21.0

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#78

Terphenyl-d14

Concen: 71.12 ng

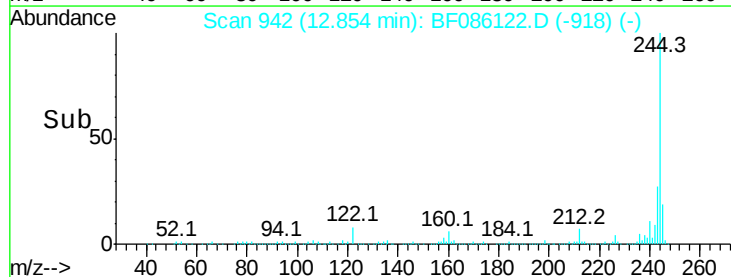
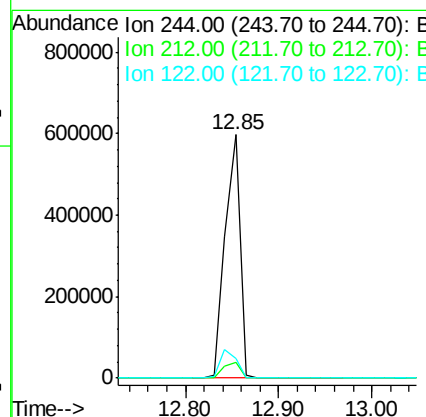
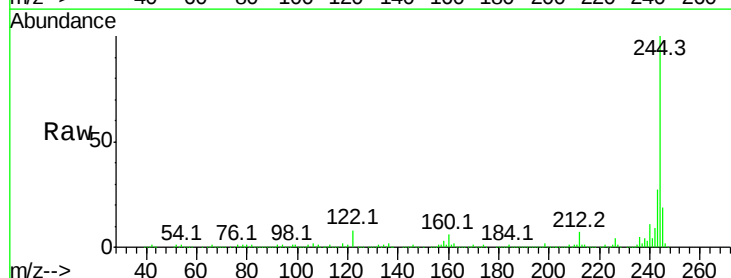
RT: 12.85 min Scan# 942

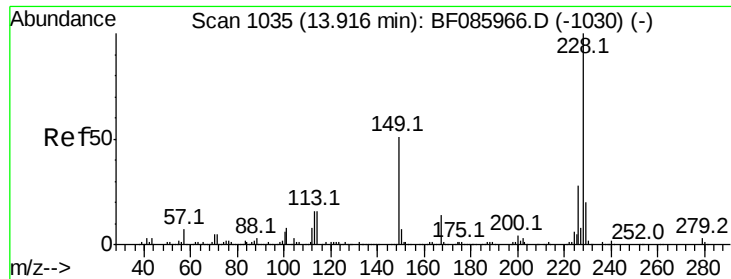
Delta R.T. -0.02 min

Lab File: BF086122.D

Acq: 7 Apr 2016 2:44

Tgt Ion:	244	Resp:	661431
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.1	9.1
122	8.1	10.2	15.4#





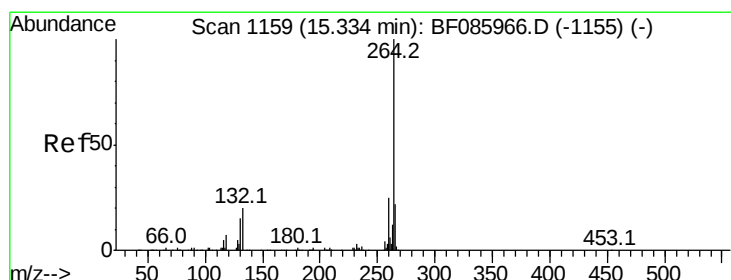
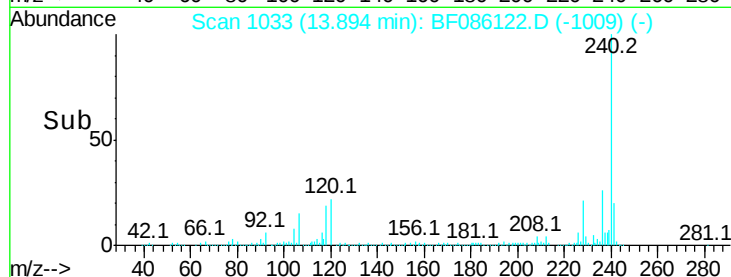
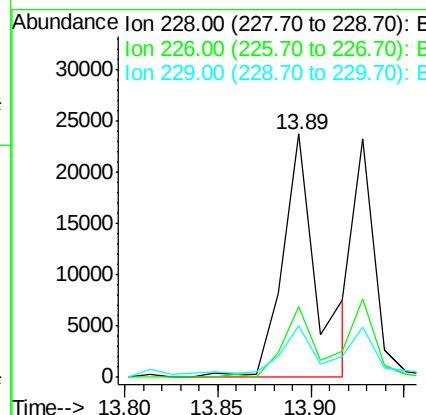
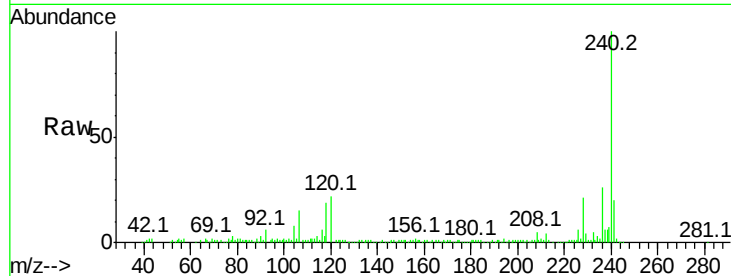
#80
Benzo(a)anthracene
Concen: 2.38 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086122.D
Acq: 7 Apr 2016 2:44

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	21.2	16.2	24.4

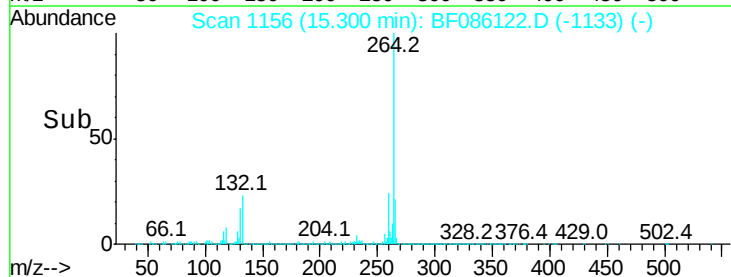
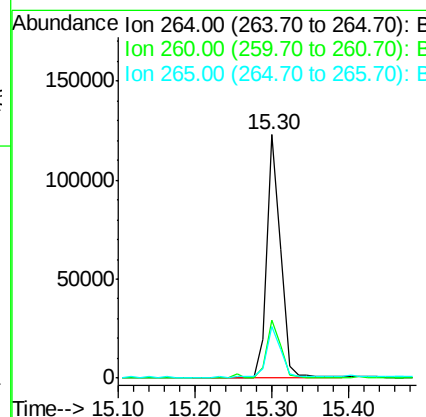
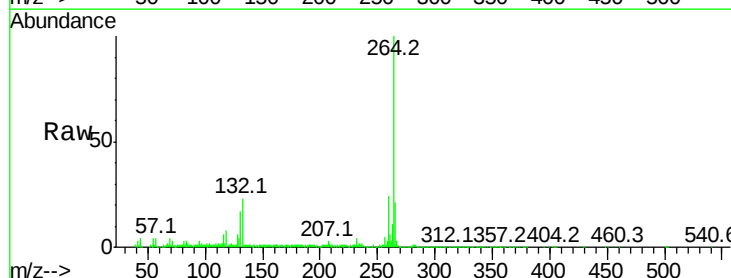
Manual Integrations
APPROVED

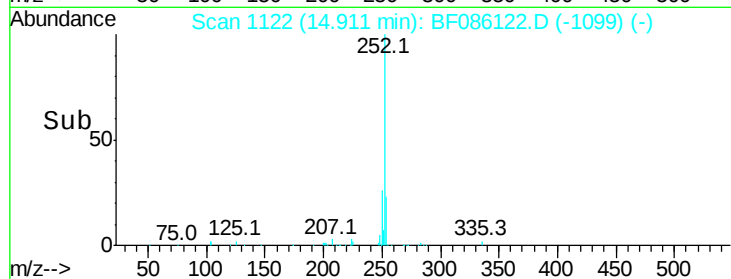
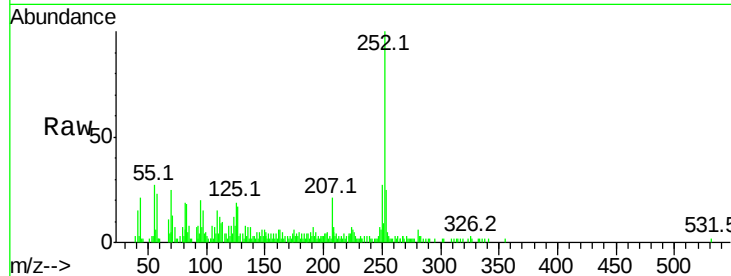
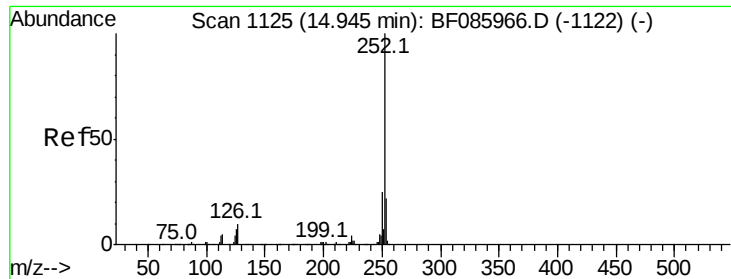
Sohil
4/7/2016 8:59:23 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086122.D
Acq: 7 Apr 2016 2:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.0	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 2.41 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086122.D
Acq: 7 Apr 2016 2:44

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	19.2	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/7/2016 8:59:23 AM

