

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086057.D
 Acq On : 5 Apr 2016 00:29
 Operator : UM/SJ
 Sample : H2104-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
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 4/5/2016 6:39:15 PM

Quant Time: Apr 05 04:02:24 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	6.76	152	103201	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	378198	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	156141	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	239390	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	191724	20.00	ng	-0.01
86) Perylene-d12	15.32	264	148703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	738570	122.33	ng	0.00
7) Phenol-d6	6.42	99	970814	126.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	542225	84.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	139566	95.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	870947	92.74	ng	-0.01
78) Terphenyl-d14	12.86	244	575436	70.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	101413	8.76	ng	98
74) Fluoranthene	12.50	202	42525	3.13	ng	90
77) Pyrene	12.73	202	38739	2.87	ng	96
80) Benzo(a)anthracene	13.90	228	23220	2.05	ng	97
87) Benzo(b)fluoranthene	14.93	252	22142m	2.37	ng	

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

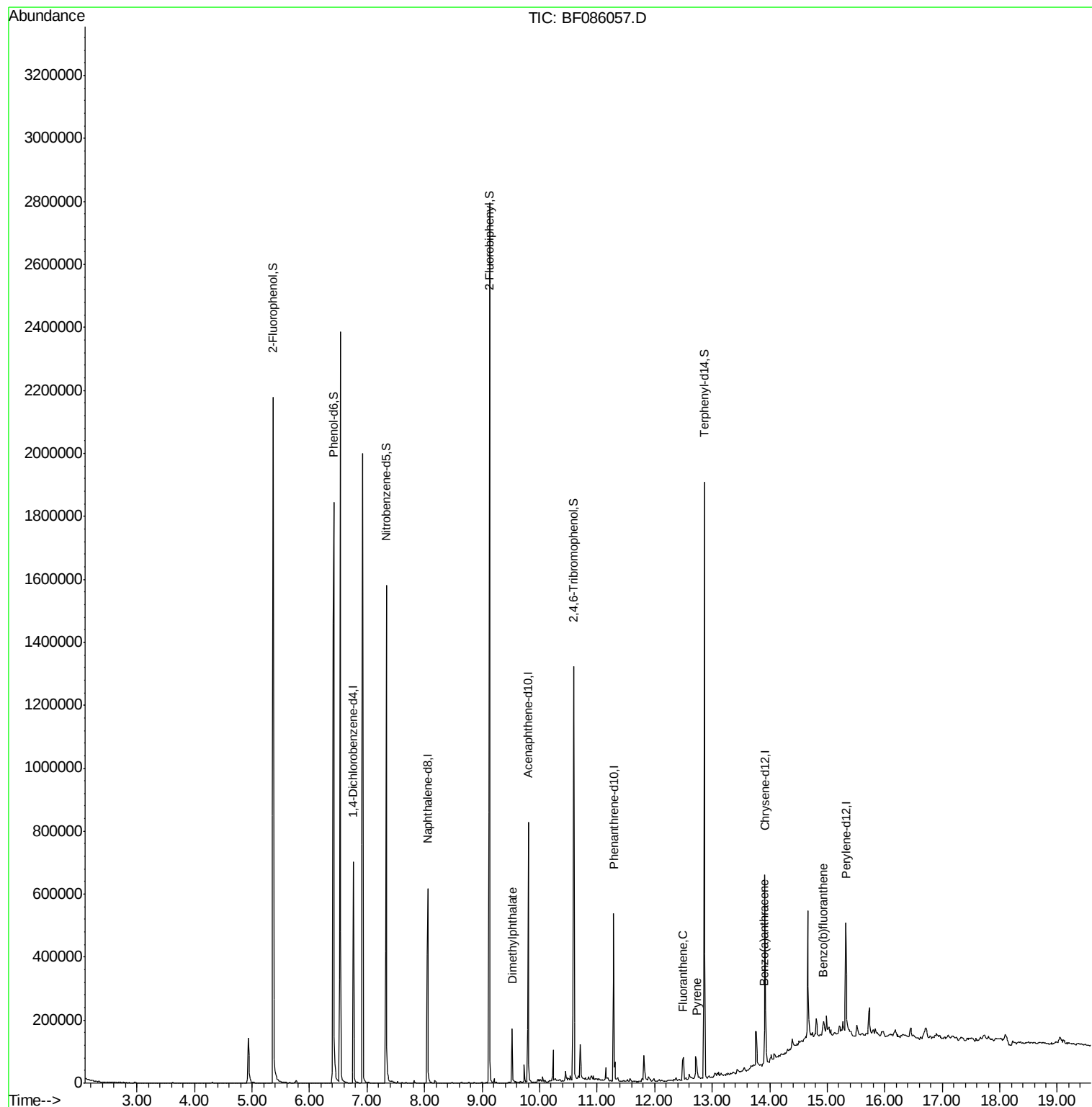
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086057.D
Acq On : 5 Apr 2016 00:29
Operator : UM/SJ
Sample : H2104-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

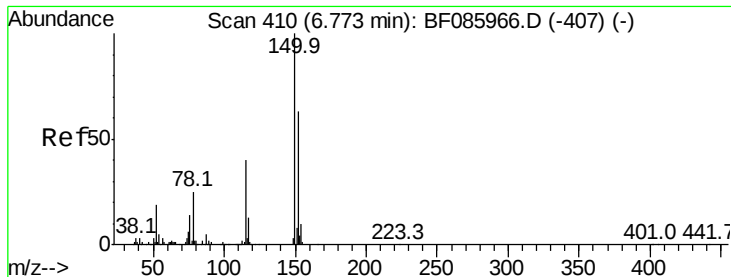
Instrument :
BNA_F
ClientSampleId :
WC-1

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#1

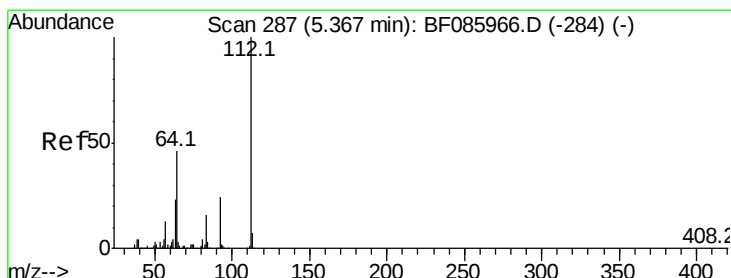
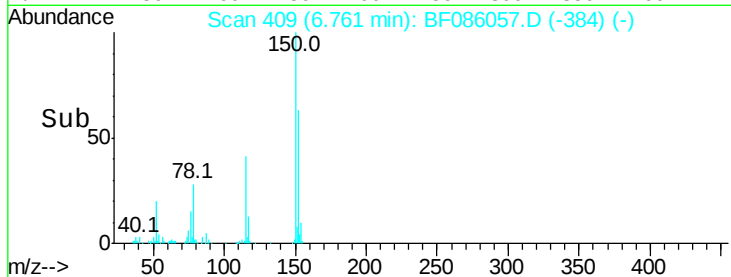
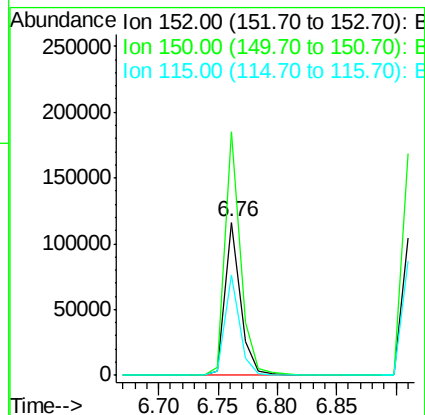
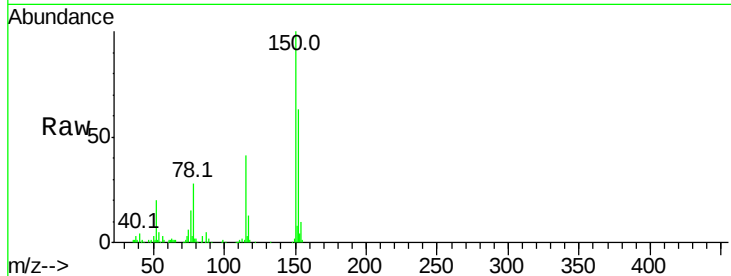
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.2	186.2
115	65.5	47.0	70.6

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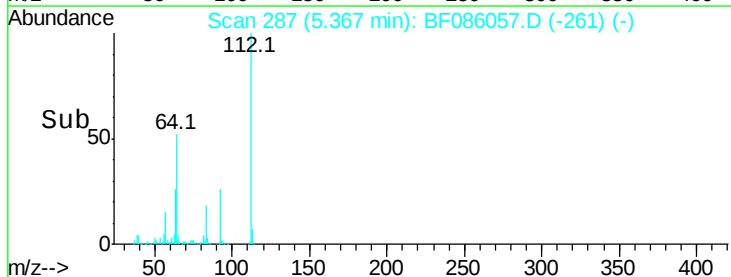
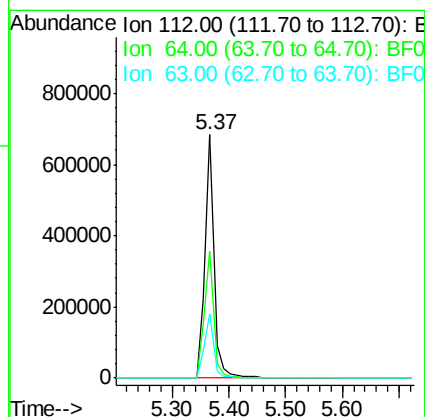
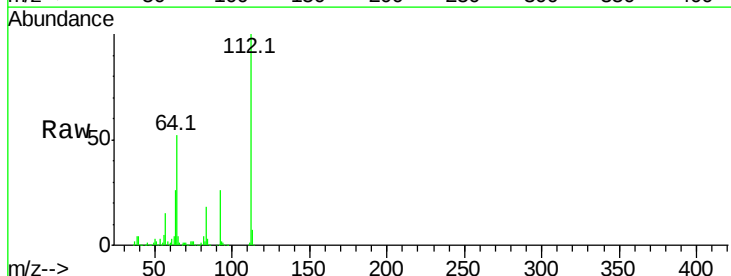
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#5

2-Fluorophenol
Concen: 122.33 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.9	59.9
63	26.4	20.2	30.2





#7

Phenol-d6

Concen: 126.59 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

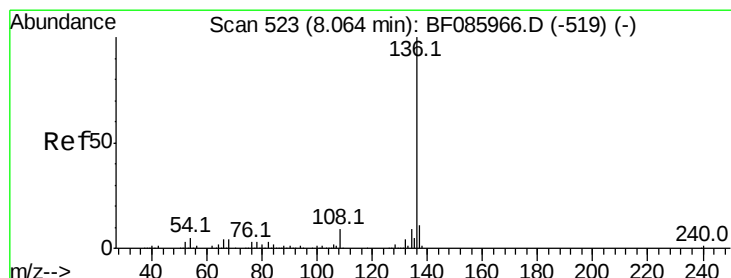
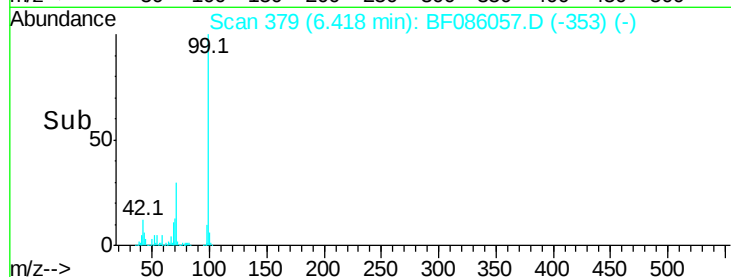
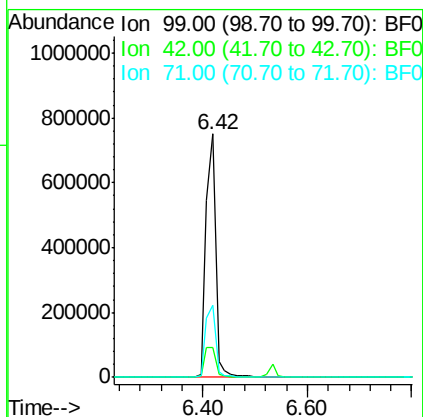
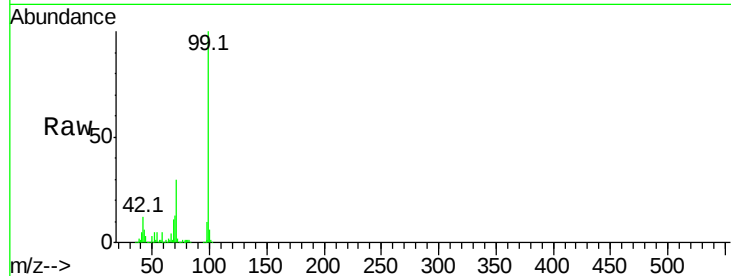
ClientSampled :

WC-1

Tot Ion:	99	Resp:	970814
Ion Ratio	Lower	Upper	
99	100		
42	12.5	11.1	16.7
71	29.5	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

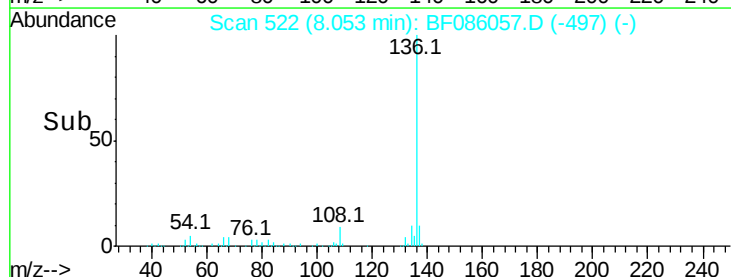
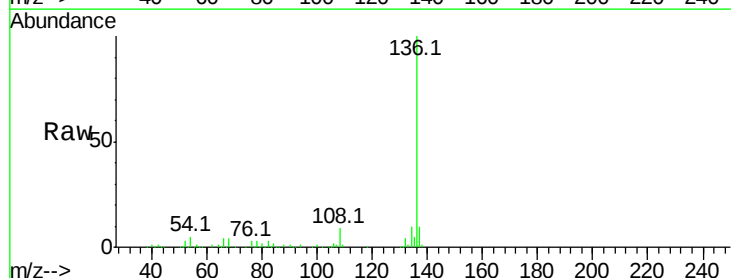
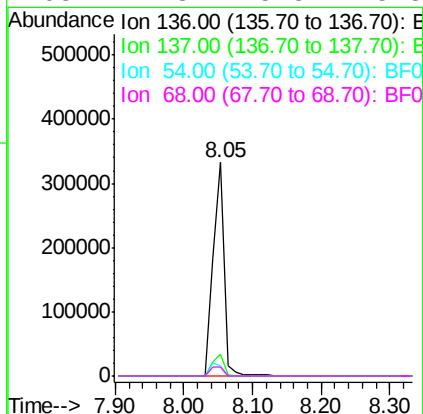
RT: 8.05 min Scan# 522

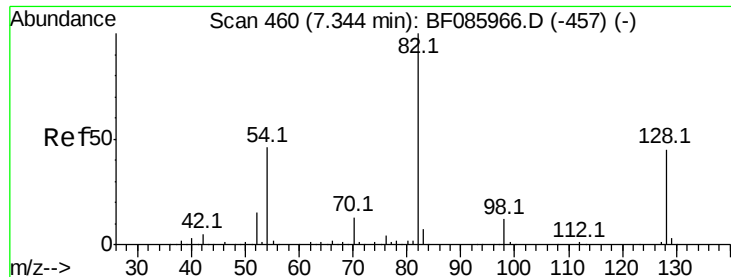
Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Tgt Ion:	136	Resp:	378198
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	5.0	7.4	11.0#
68	4.3	5.8	8.8#





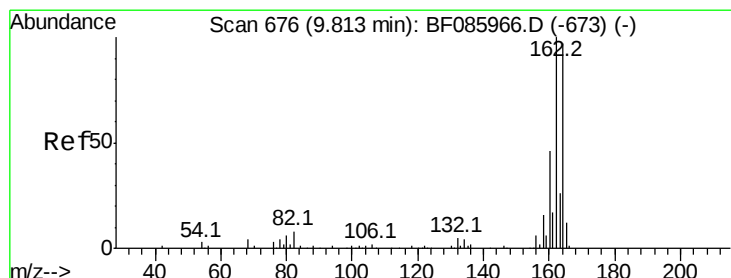
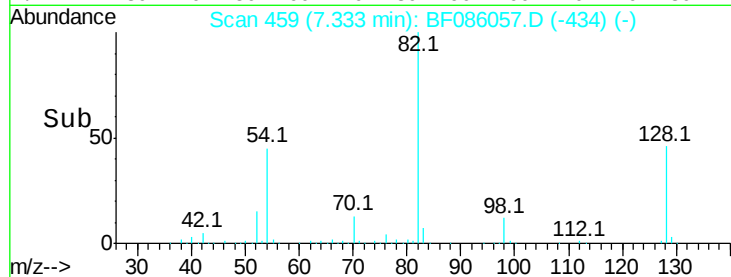
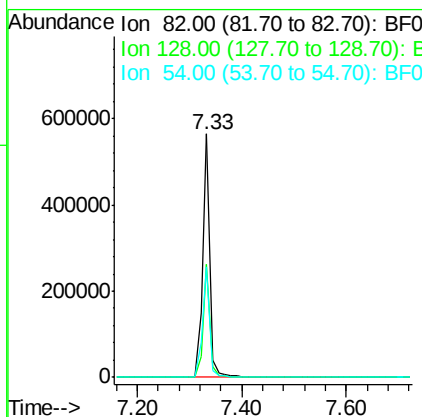
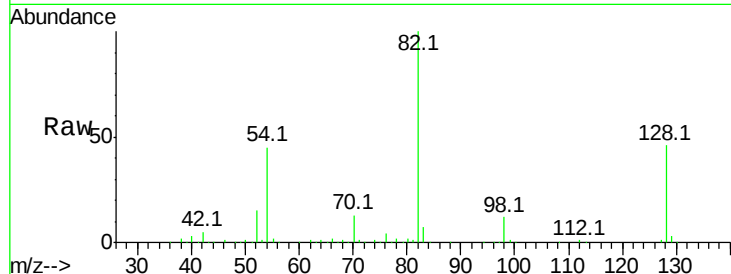
#23
 Nitrobenzene-d5
 Concen: 84.55 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	41.8	62.8
54	45.3	33.4	50.0

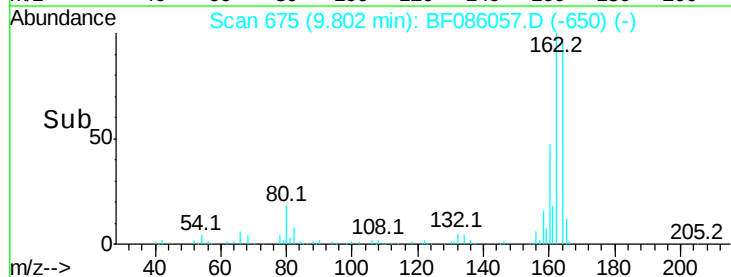
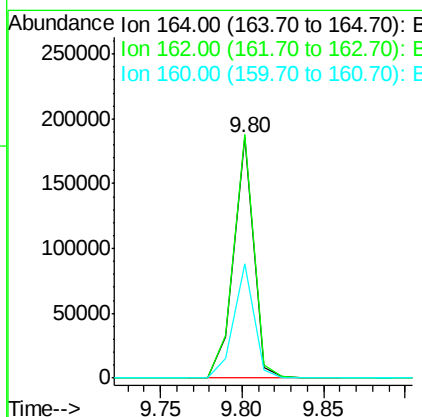
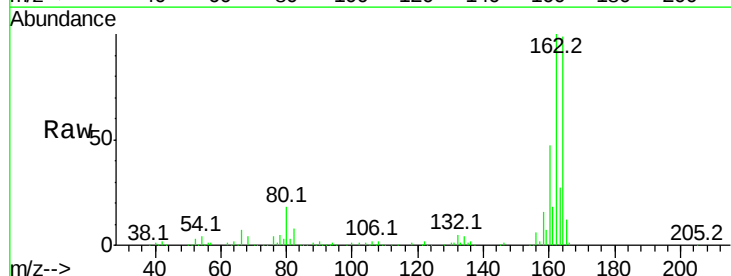
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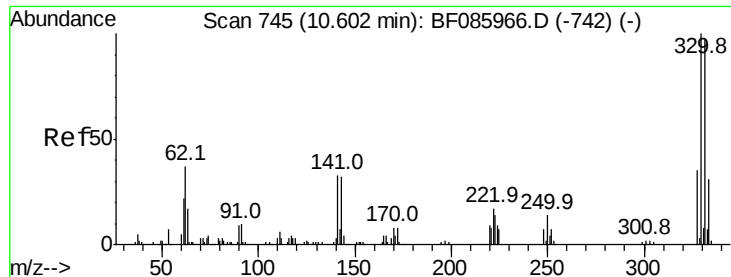
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.1	123.1
160	47.6	37.4	56.2





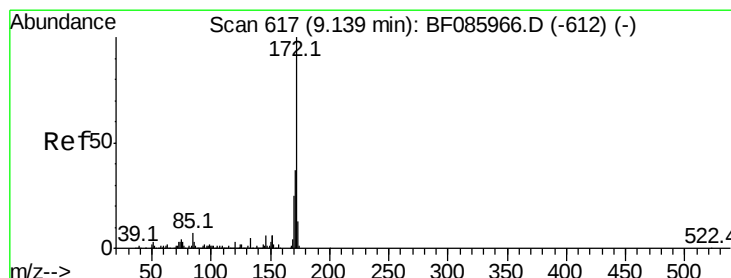
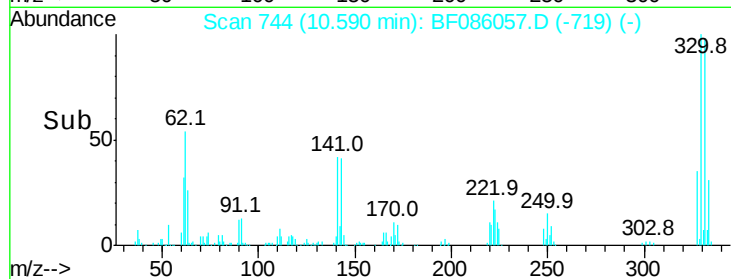
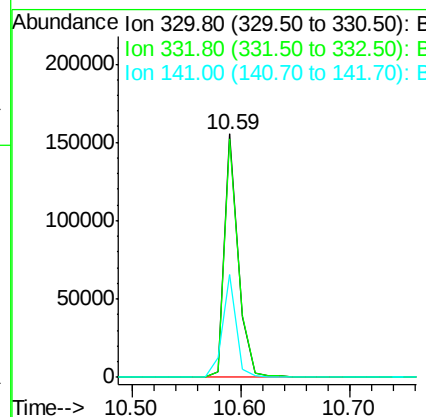
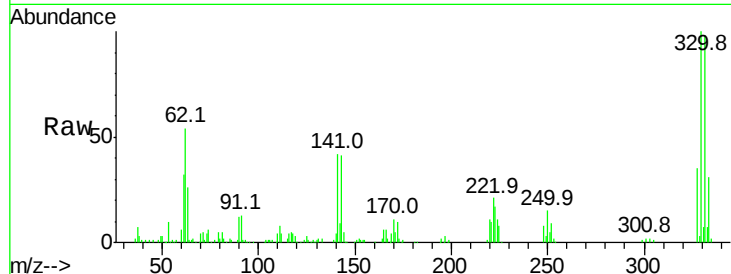
#41
 2,4,6-Tribromophenol
 Concen: 95.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	78.2	117.2	
141	42.1	31.5	47.3	

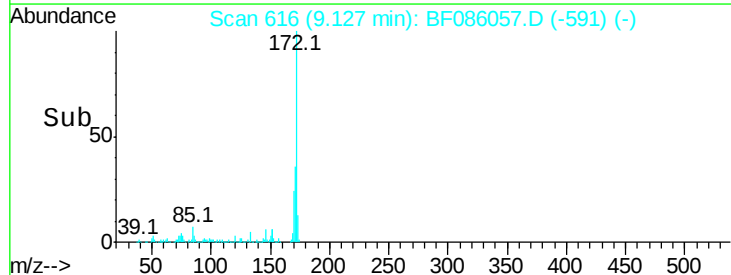
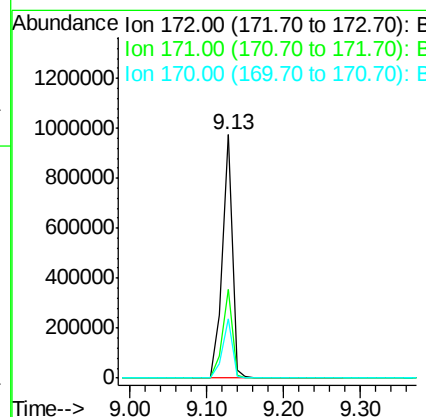
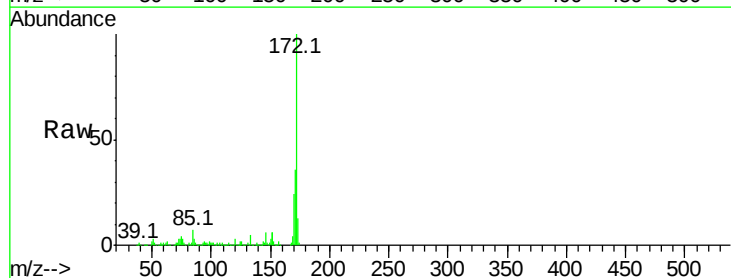
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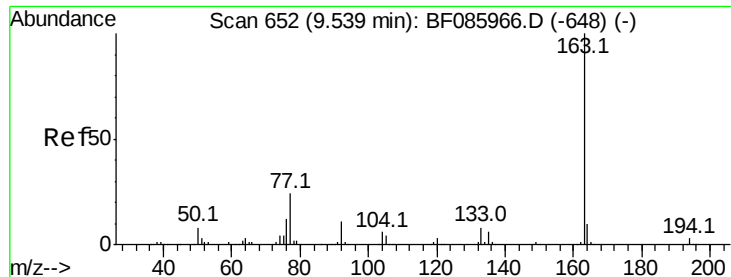
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#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.4	44.2	
170	24.5	19.8	29.6	





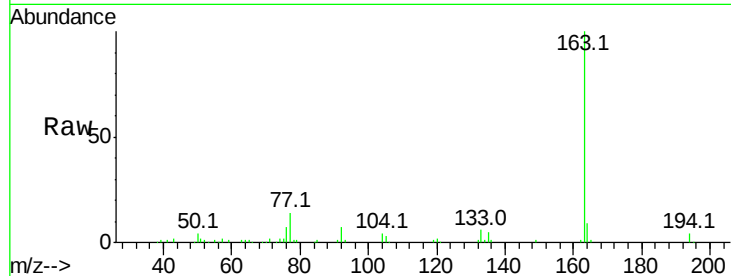
#49
Dimethylphthalate
Concen: 8.76 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampled :
WC-1

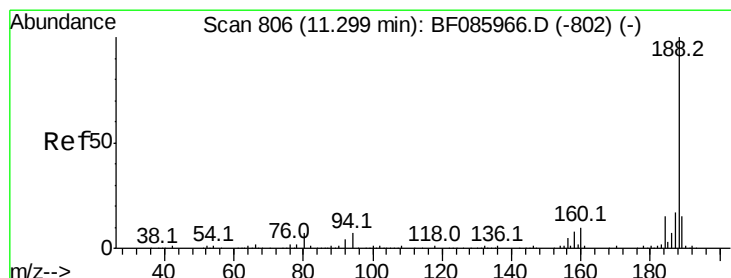
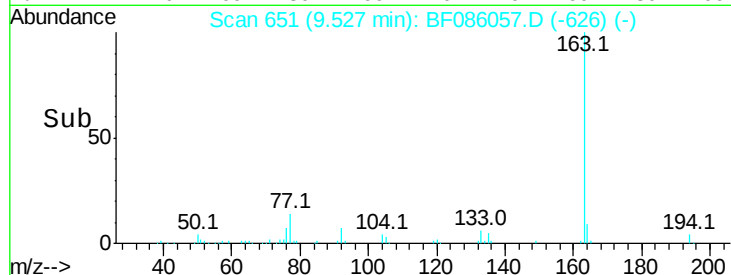
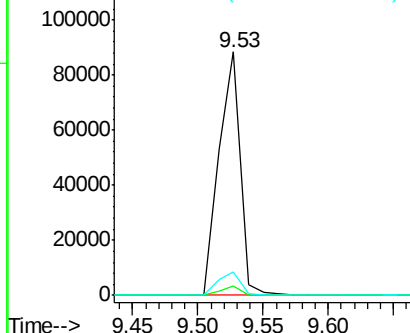
Tot Ion	Ratio	Resp	Lower	Upper
163	100	101413		
194	4.1	2.9	4.3	
164	9.5	8.3	12.5	

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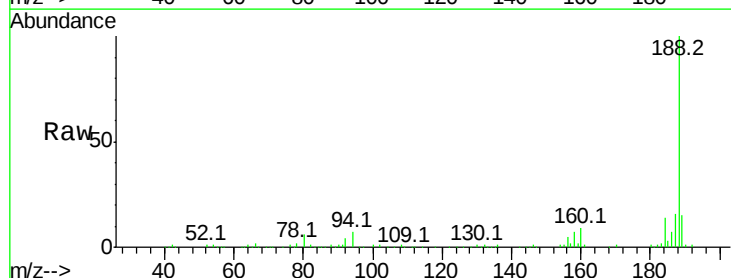


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

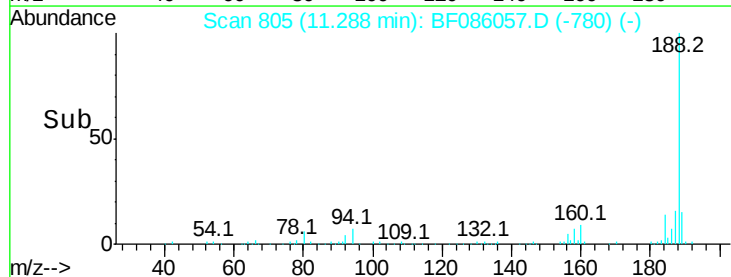
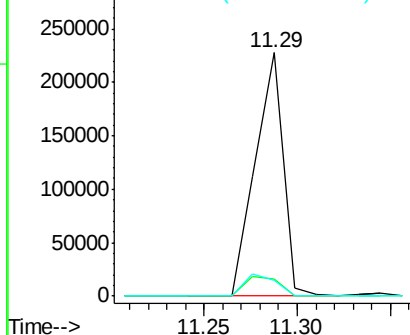


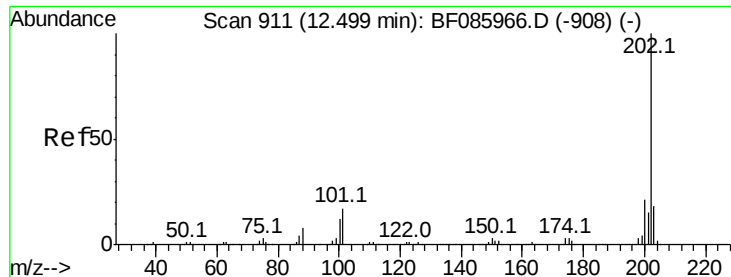
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	239390		
94	6.9	5.4	8.0	
80	6.5	5.5	8.3	



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





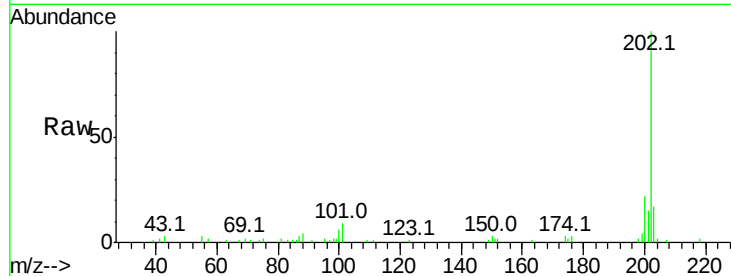
#74
Fluoranthene
Concen: 3.13 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

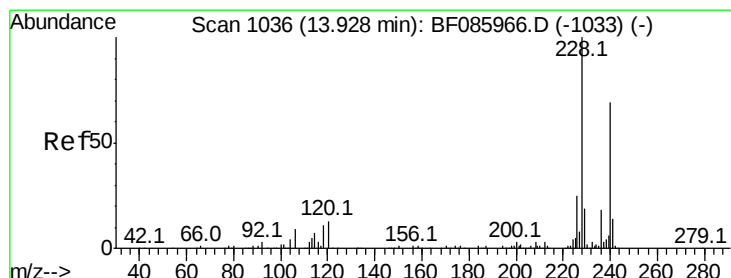
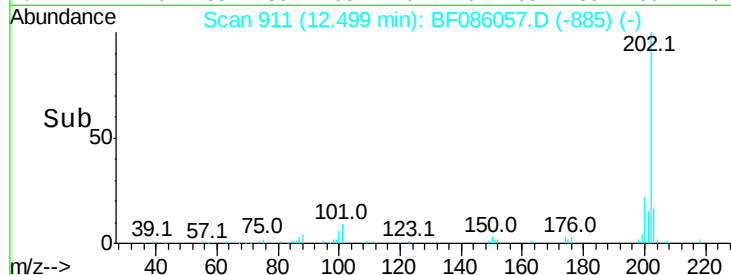
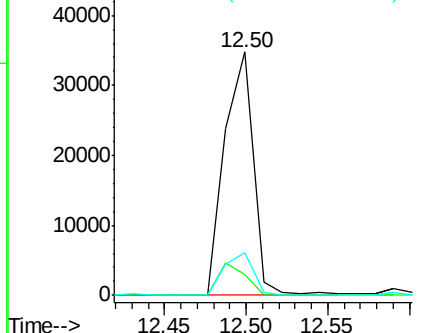
Tot Ion:	202	Resp:	42525
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	36.6
203	17.3	0.0	38.1

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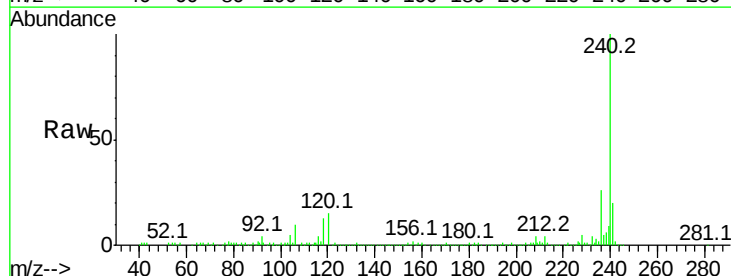


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

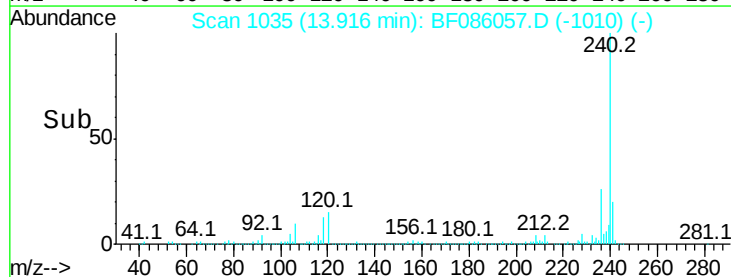
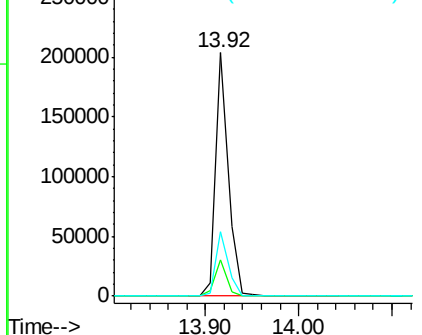


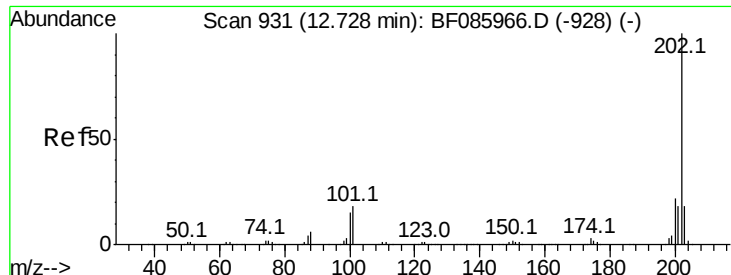
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:	240	Resp:	191724
Ion Ratio	Lower	Upper	
240	100		
120	14.7	13.8	20.8
236	26.3	20.6	30.8



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





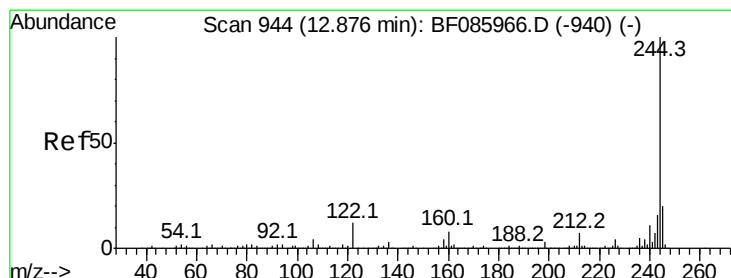
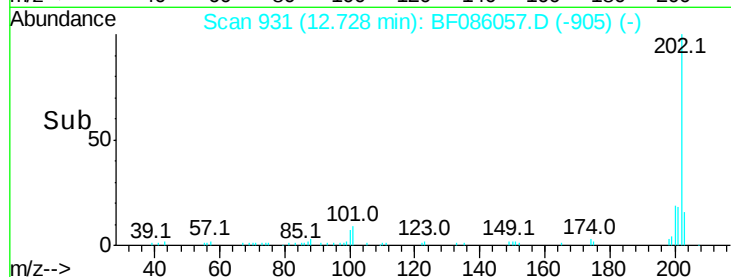
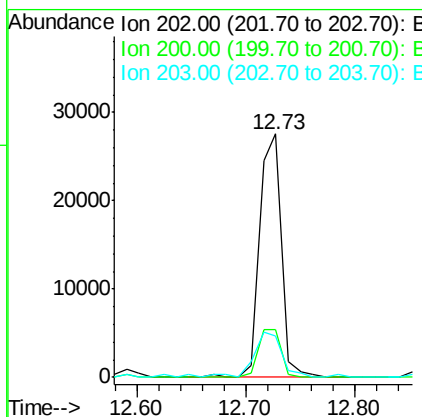
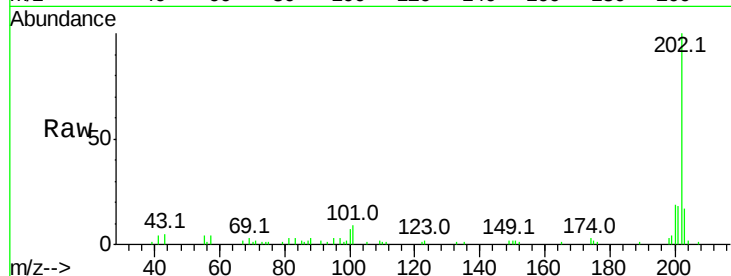
#77
Pvrene
Concen: 2.87 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.5	17.6	26.4
203	16.9	14.0	21.0

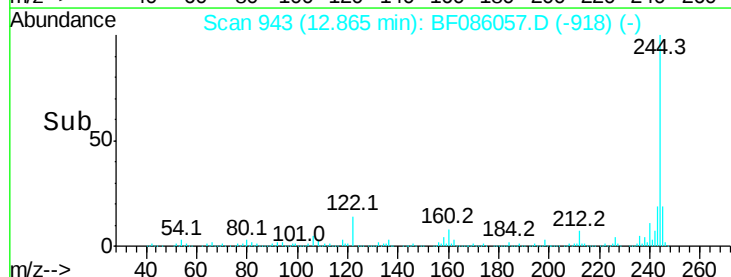
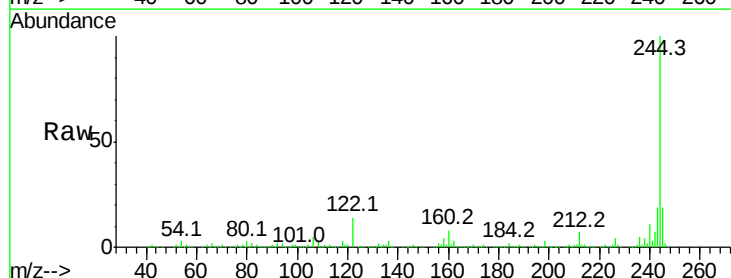
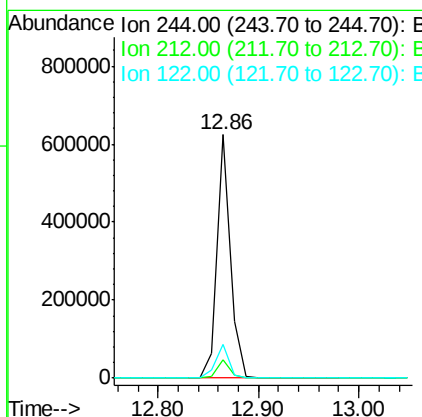
Manual Integrations
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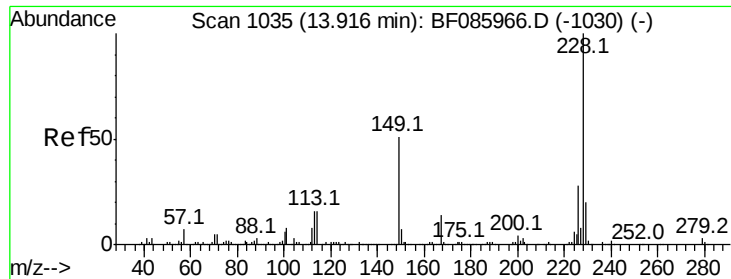
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#78
Terphenyl-d14
Concen: 70.55 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	14.1	10.2	15.4





#80

Benzo(a)anthracene

Concen: 2.05 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

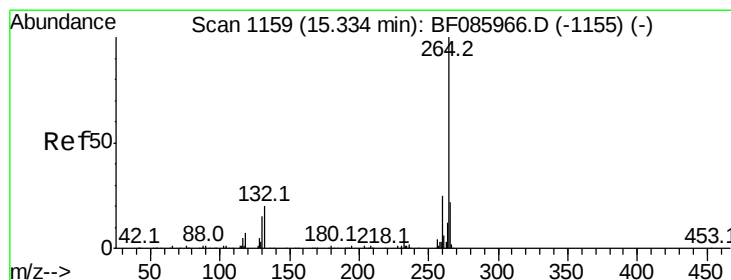
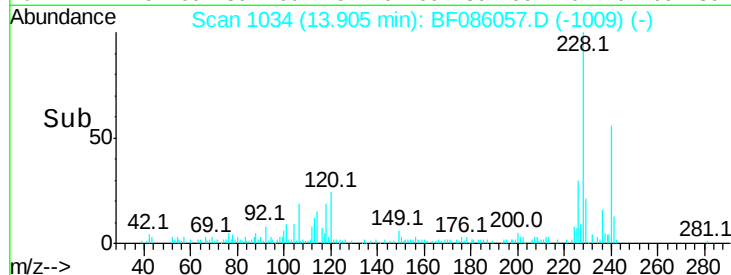
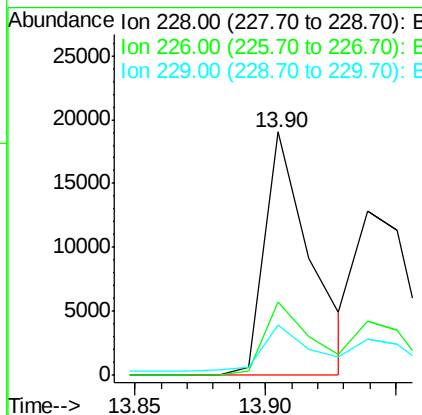
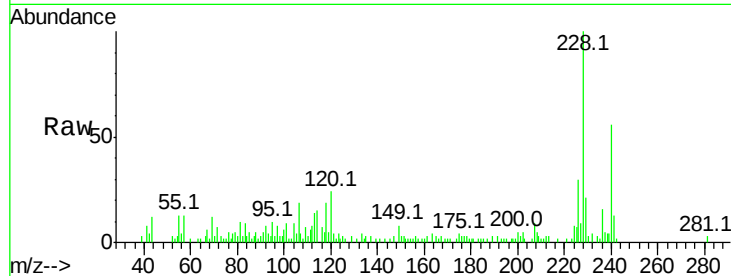
ClientSampled :

WC-1

Tot Ion:	228	Resp:	23220
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.1	33.1
229	20.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:15 PM



#86

Perylene-d12

Concen: 20.00 ng

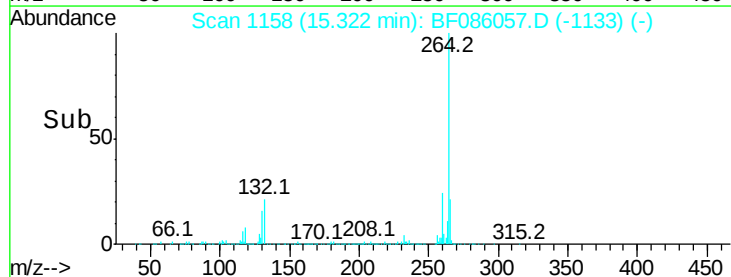
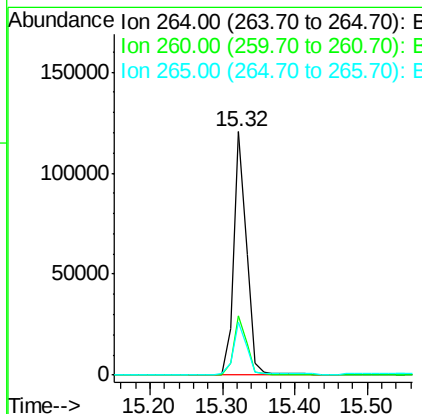
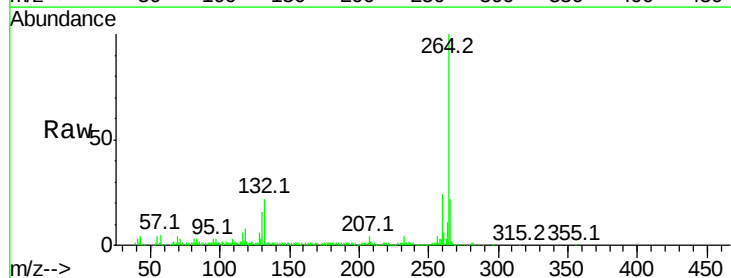
RT: 15.32 min Scan# 1158

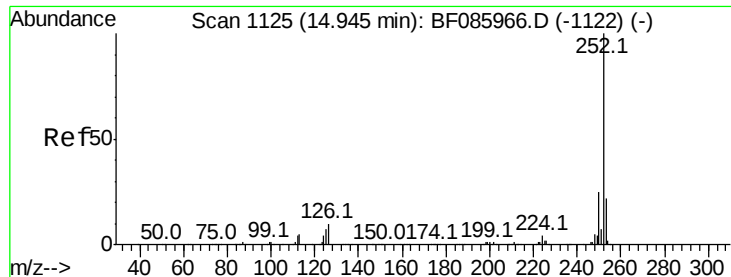
Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Tgt Ion:	264	Resp:	148703
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.6	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.37 ng m
 RT: 14.93 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	17.6	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:15 PM

