

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086684.D
 Acq On : 4 May 2016 18:45
 Operator : UM/SJ
 Sample : H2715-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-2(6-12FTBGS)

Manual Integrations
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Quant Time: May 05 04:49:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	158530	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	612410	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	272489	40.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	426745m	40.00	ng	0.00
75) Chrysene-d12	13.88	240	337925	40.00	ng	0.00
86) Perylene-d12	15.27	264	338790	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1367493	142.80	ng	0.01
7) Phenol-d6	6.38	99	1836907	142.40	ng	0.01
23) Nitrobenzene-d5	7.31	82	1211808	101.68	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	361144	135.48	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1525884	91.79	ng	0.00
78) Terphenyl-d14	12.84	244	905001	54.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	195109	9.60	ng	99
70) Phenanthrene	11.28	178	64189	2.80	ng	100
74) Fluoranthene	12.45	202	64639	2.81	ng	96
77) Pyrene	12.68	202	63151	2.34	ng	97

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

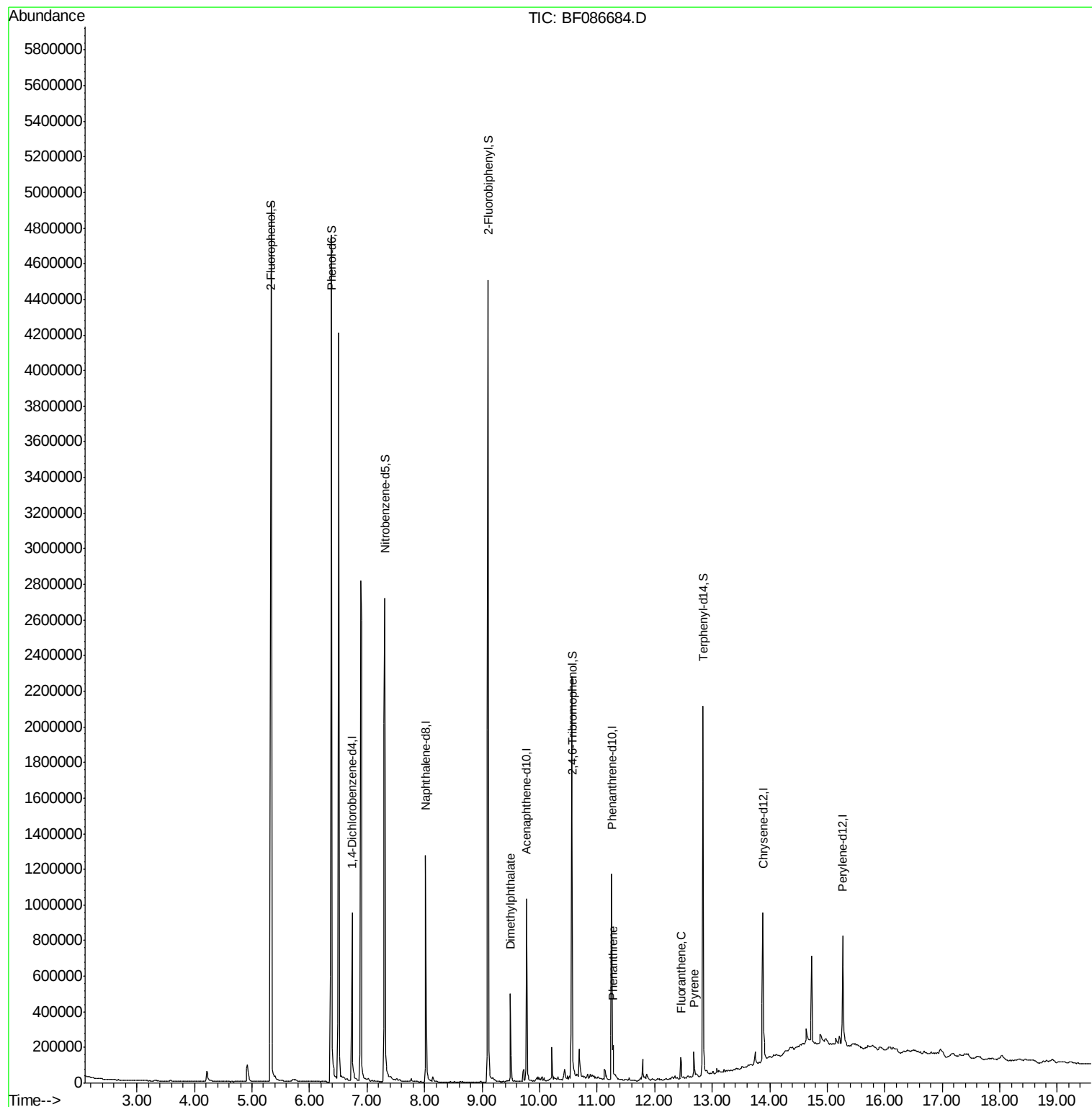
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
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ALS Vial : 6 Sample Multiplier: 1

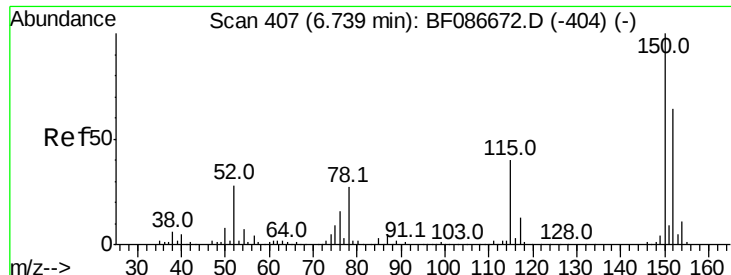
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#1

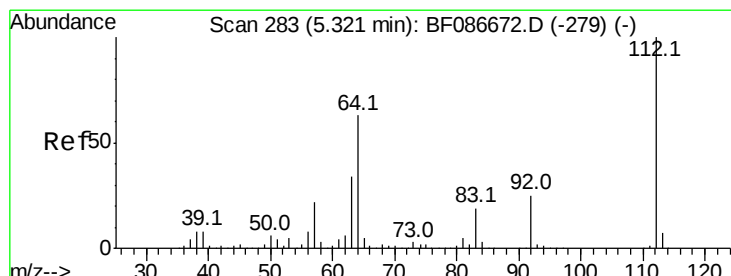
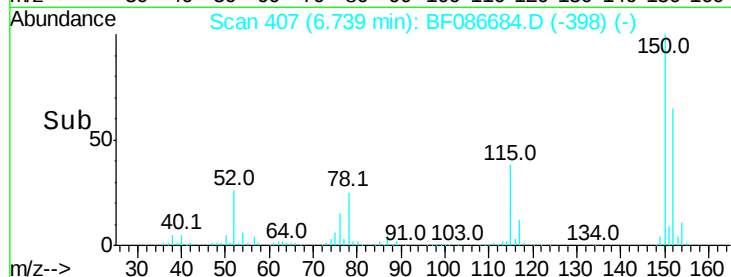
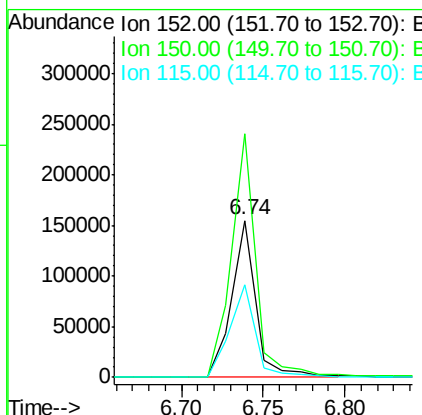
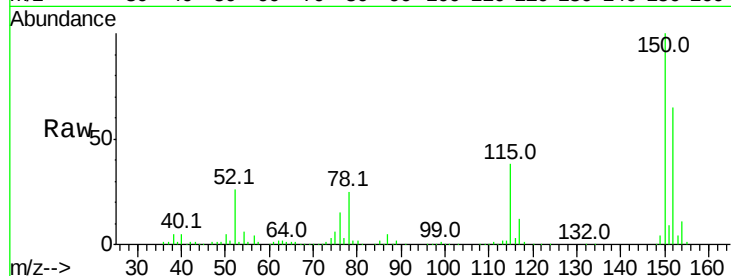
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	58.7	51.5	77.3

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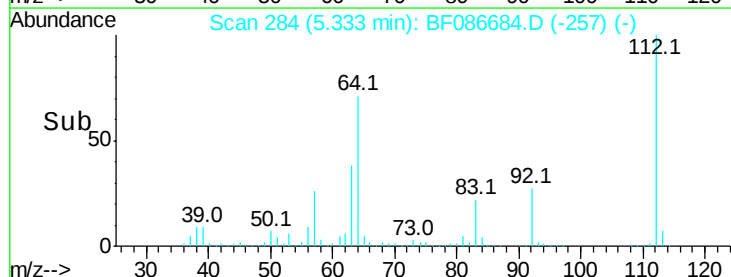
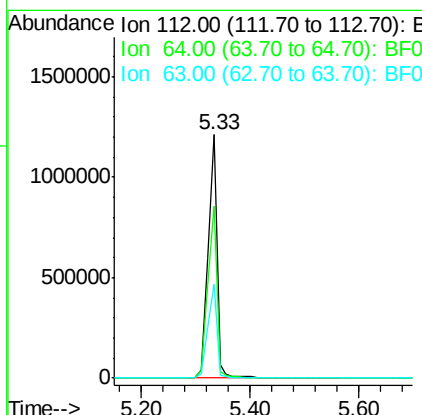
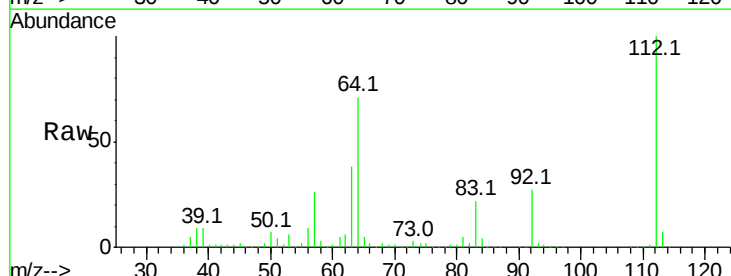
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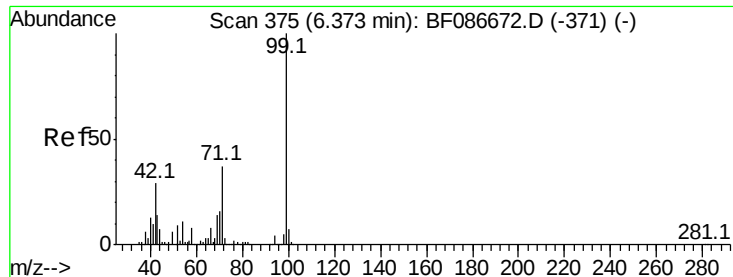


#5

2-Fluorophenol
Concen: 142.80 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.1	78.1
63	38.5	25.7	38.5





#7

Phenol-d6

Concen: 142.40 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086684.D

Acq: 4 May 2016 18:45

Instrument :

BNA_F

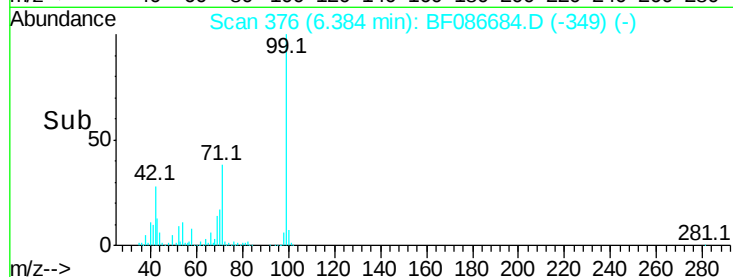
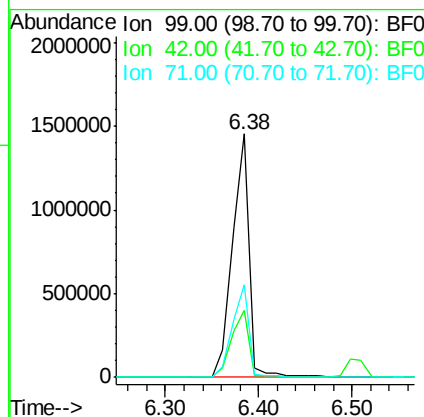
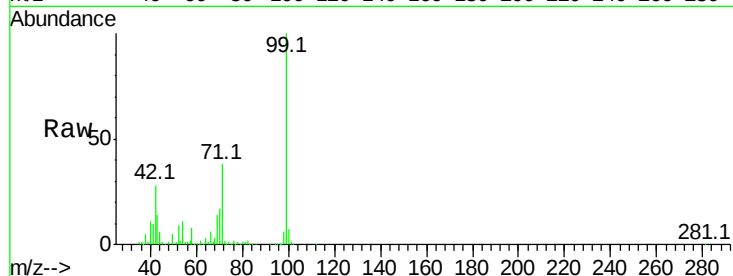
ClientSampleId :

26WARD-5-CS-2(6-12FTBGS)

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Tot Ion	99	Resp	1836907
Ion	Ratio	Lower	Upper
99	100		
42	27.6	13.6	20.4#
71	38.1	24.6	36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

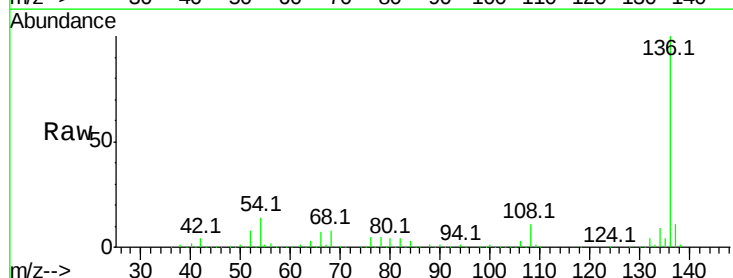
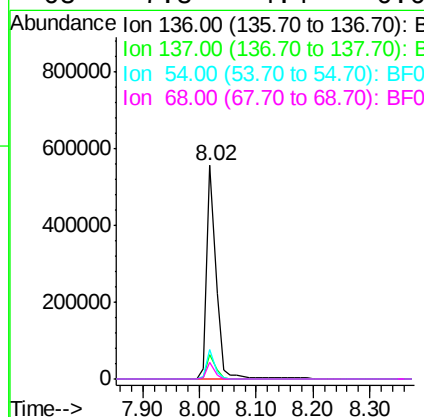
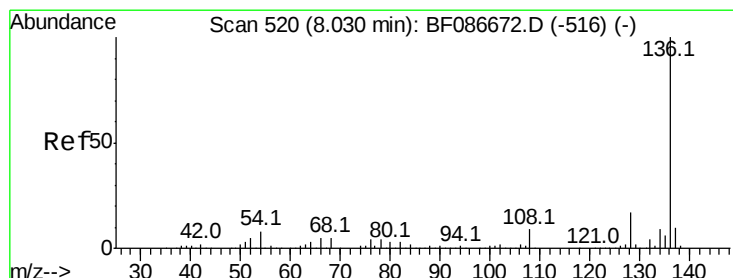
RT: 8.02 min Scan# 519

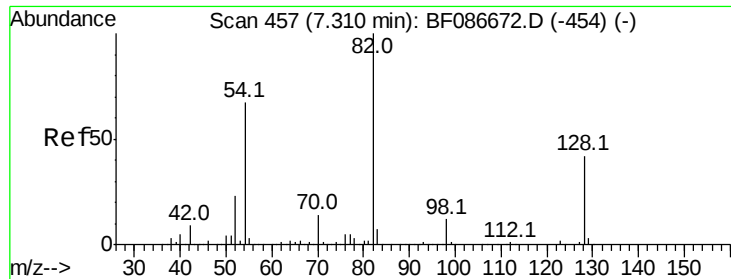
Delta R.T. -0.01 min

Lab File: BF086684.D

Acq: 4 May 2016 18:45

Tgt Ion	136	Resp	612410
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.0	5.0	7.4#
68	7.8	4.4	6.6#





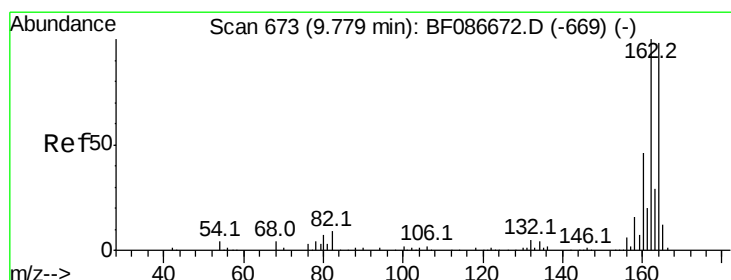
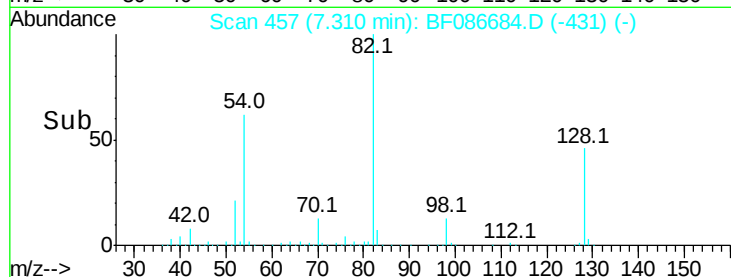
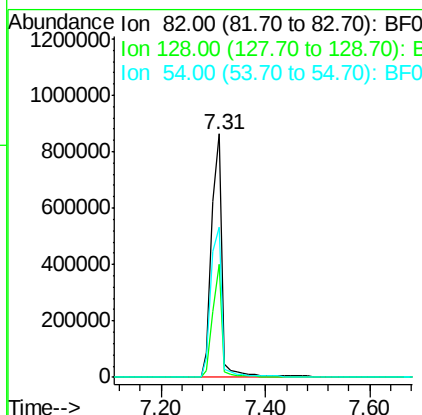
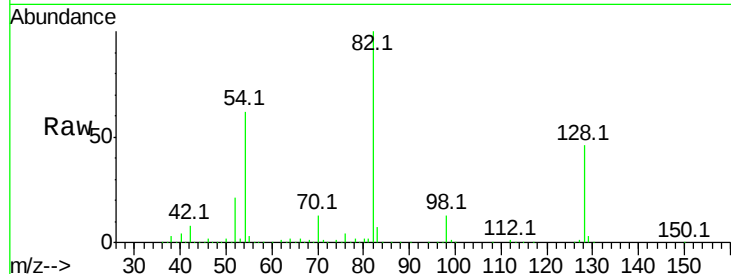
#23
 Nitrobenzene-d5
 Concen: 101.68 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086684.D
 Acq: 4 May 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-2(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.6	61.0
54	61.9	38.1	57.1

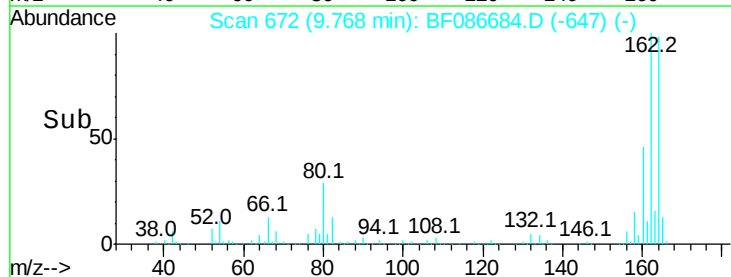
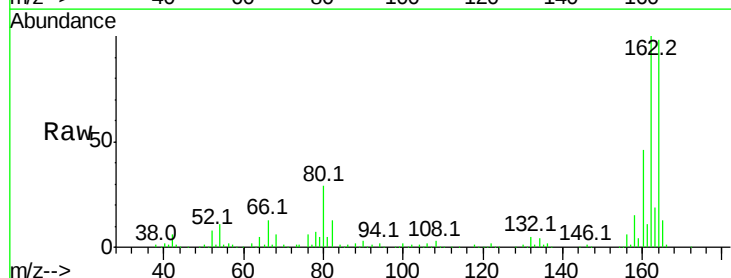
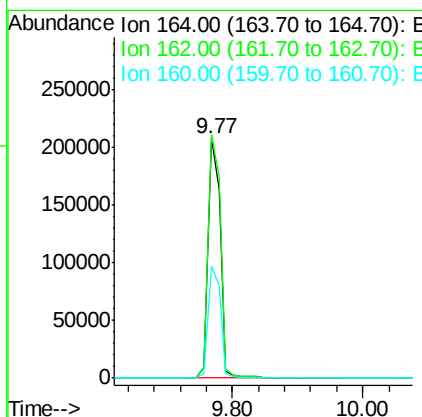
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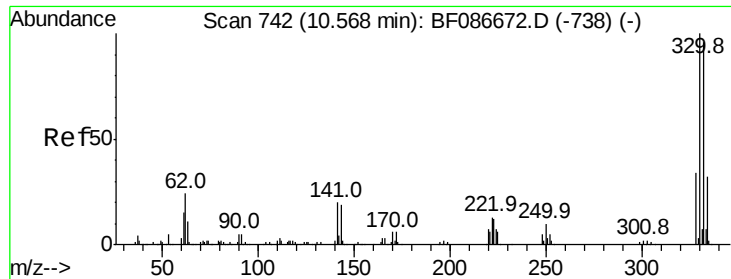
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#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086684.D
 Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.5	36.9	55.3





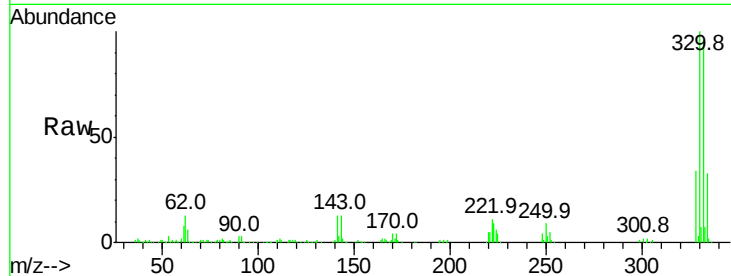
#41
 2,4,6-Tribromophenol
 Concen: 135.48 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086684.D
 Acq: 4 May 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-2(6-12FTBGS)

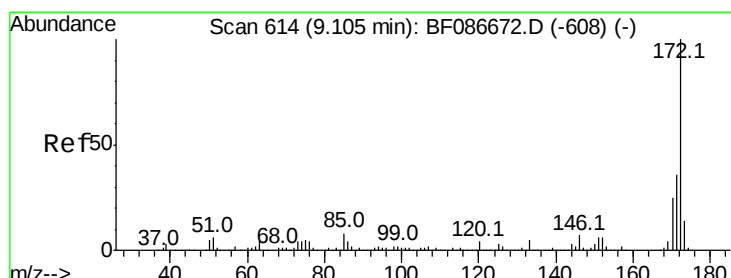
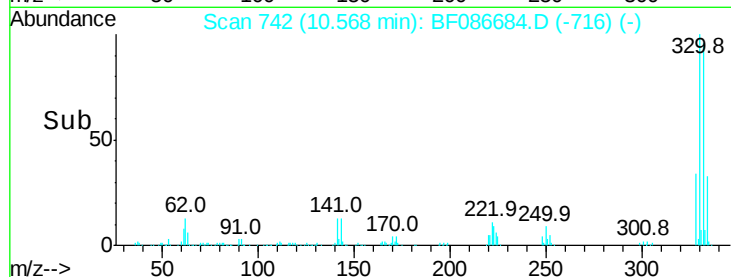
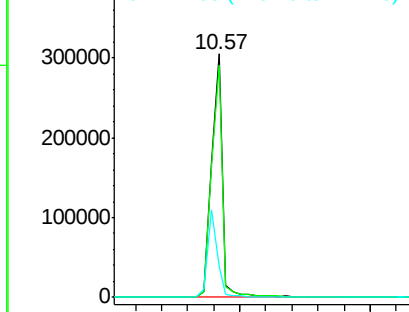
Tot Ion	Ratio	Resp	Lower	Upper
330	100	361144		
332	97.0	79.0	118.4	
141	32.8	31.2	46.8	

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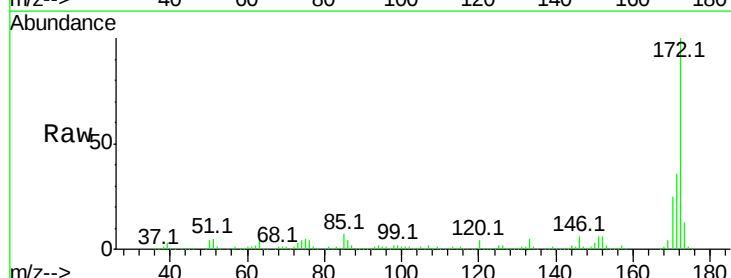


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

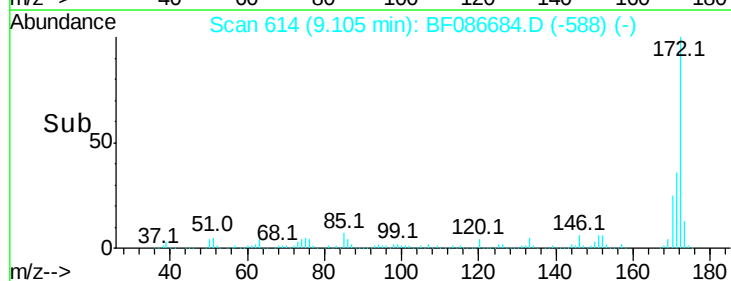
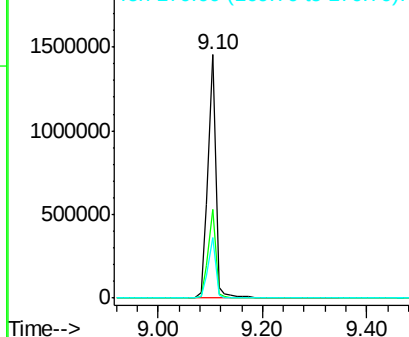


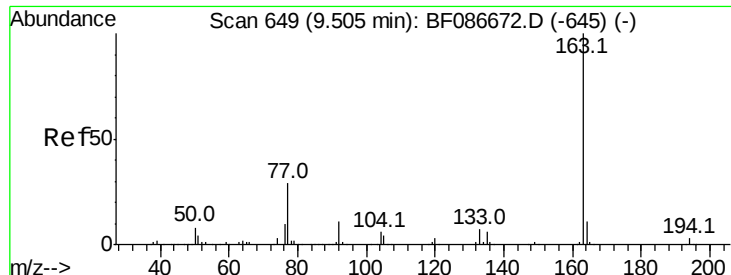
#44
 2-Fluorobiphenyl
 Concen: 91.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086684.D
 Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1525884		
171	36.3	29.0	43.6	
170	24.7	19.8	29.8	



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





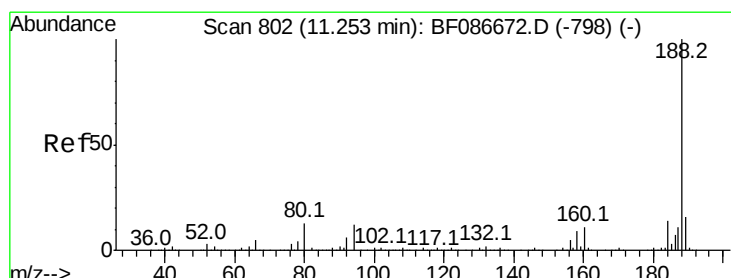
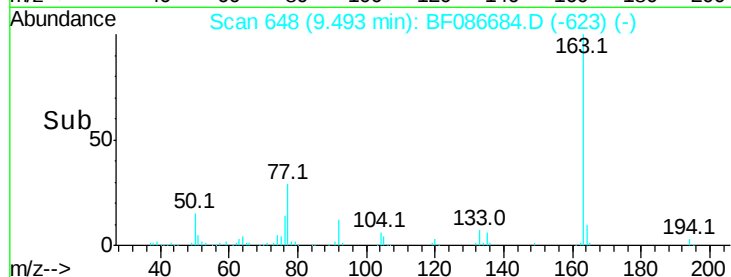
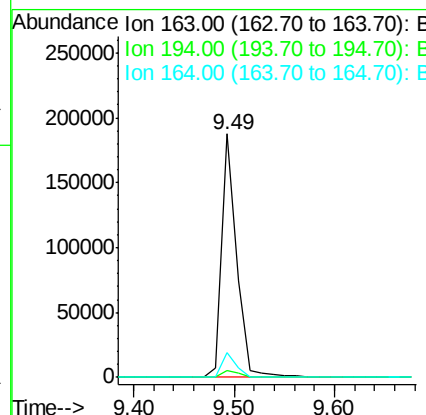
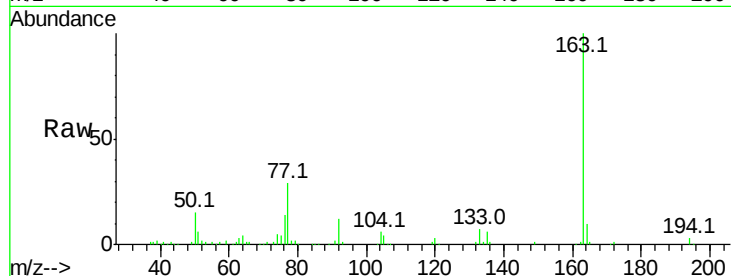
#49
Dimethylphthalate
Concen: 9.60 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	195109		
194	2.8		2.6	4.0
164	10.0		8.2	12.4

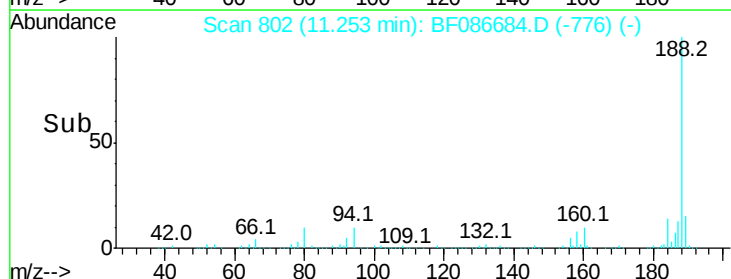
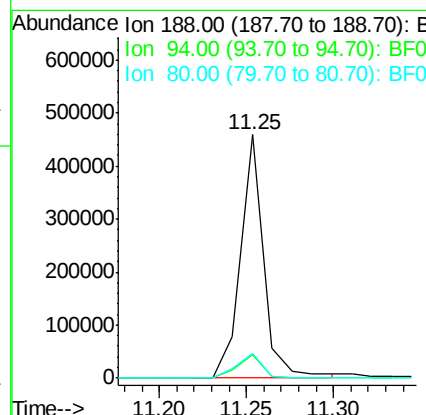
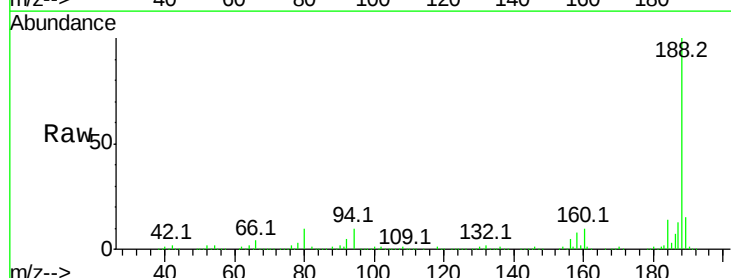
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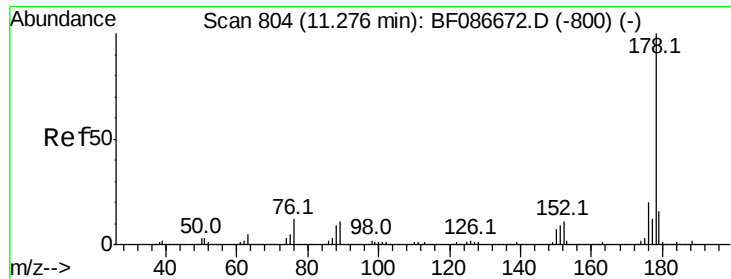
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#63
Phenanthrene-d10
Concen: 40.00 ng m
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426745		
94	9.8		6.8	10.2
80	9.9		7.1	10.7





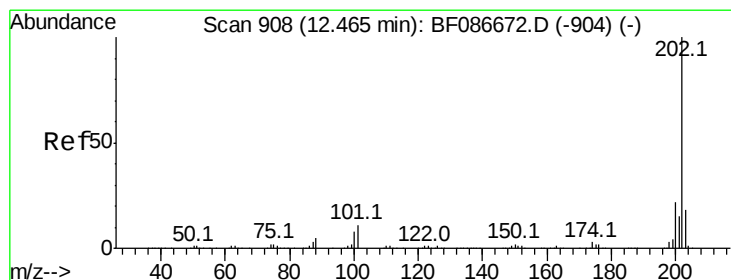
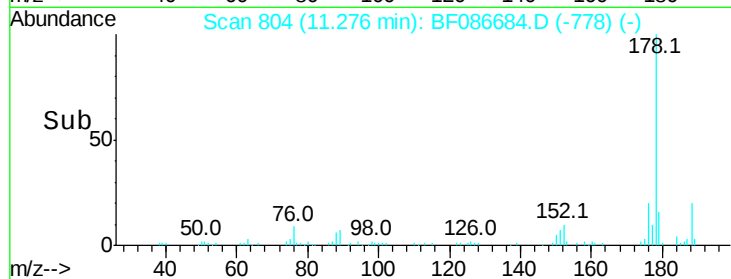
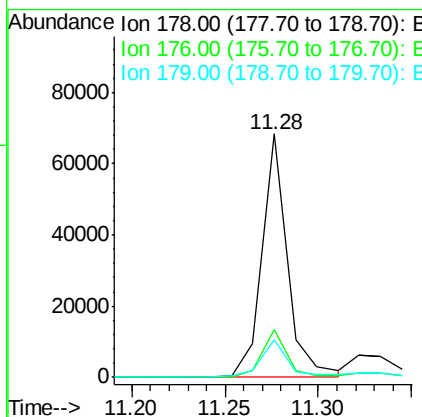
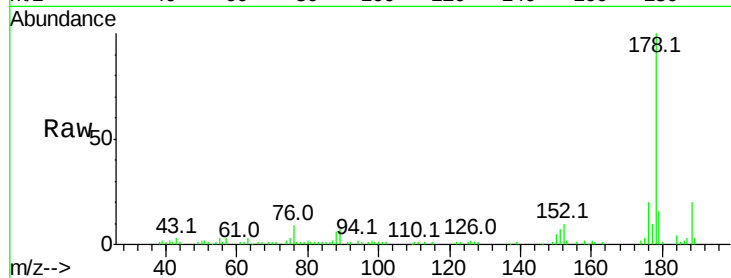
#70
Phenanthrene
Concen: 2.80 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.6	12.6	18.8

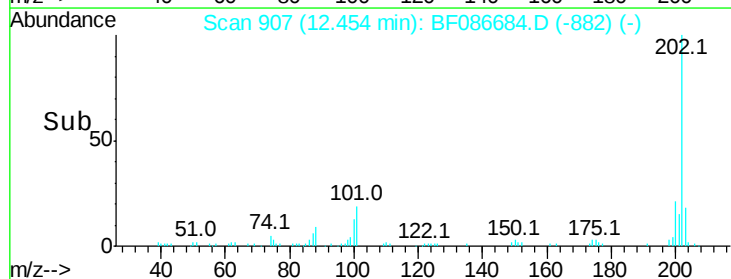
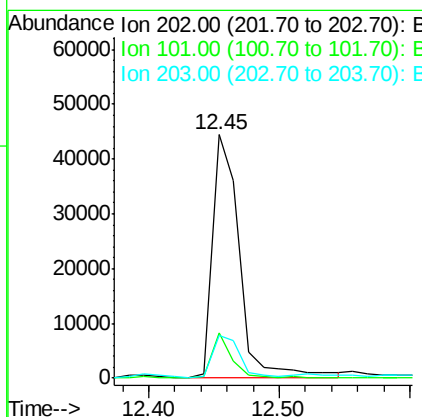
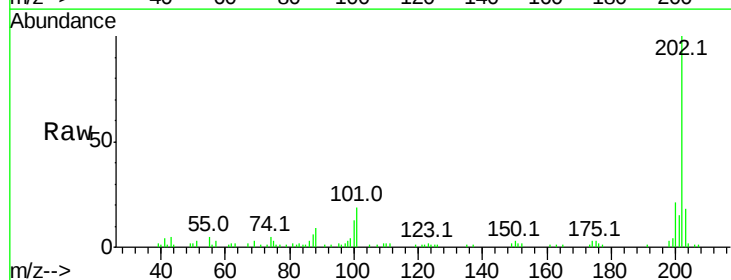
Manual Integrations
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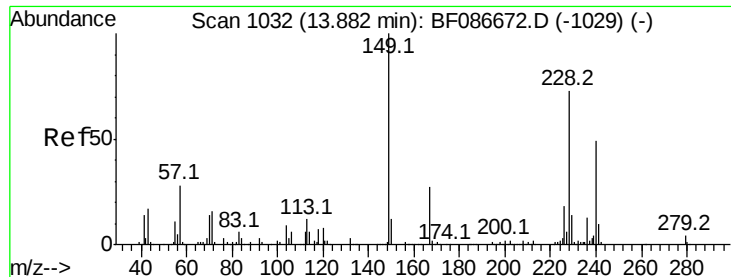
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#74
Fluoranthene
Concen: 2.81 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.8	0.0	35.4
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086684.D

Acq: 4 May 2016 18:45

Instrument :

BNA_F

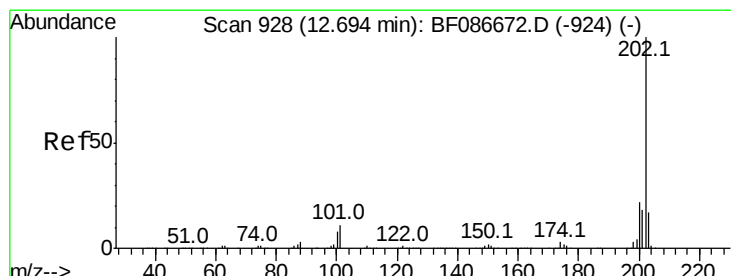
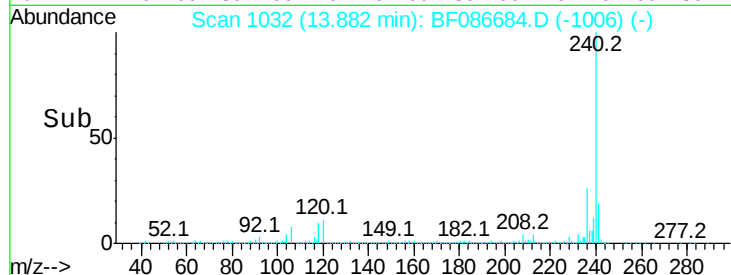
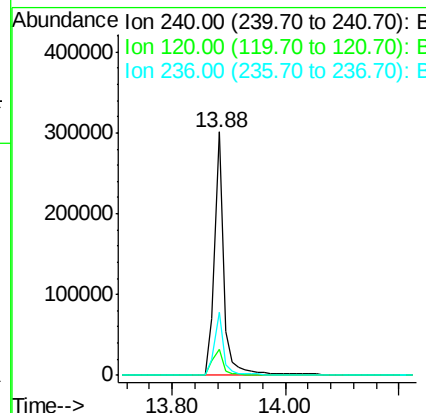
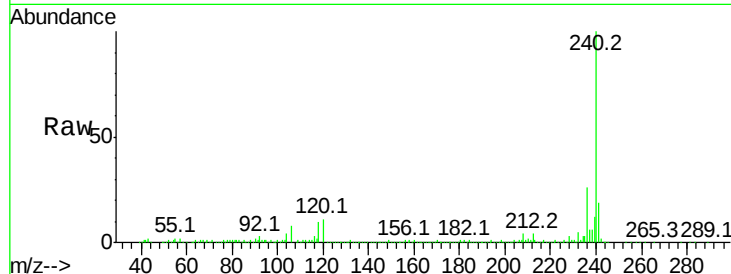
ClientSampleId :

26WARD-5-CS-2(6-12FTBGS)

Tot Ion:	240	Resp:	337925
Ion Ratio		Lower	Upper
240	100		
120	10.8	11.2	16.8#
236	25.9	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 2.34 ng

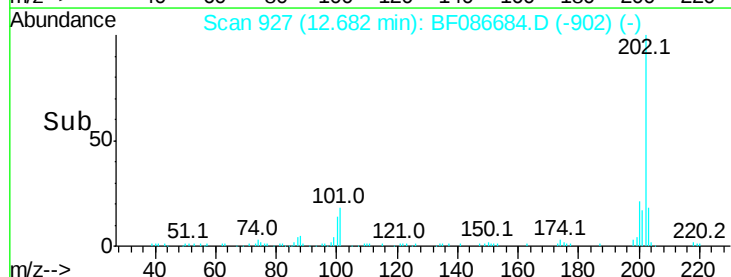
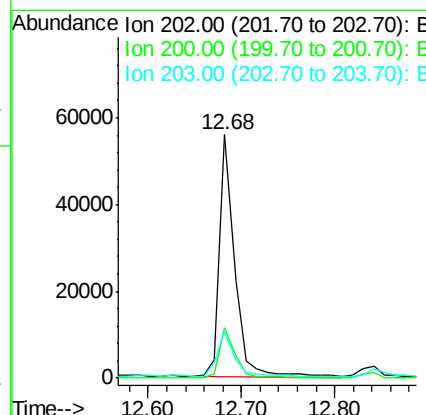
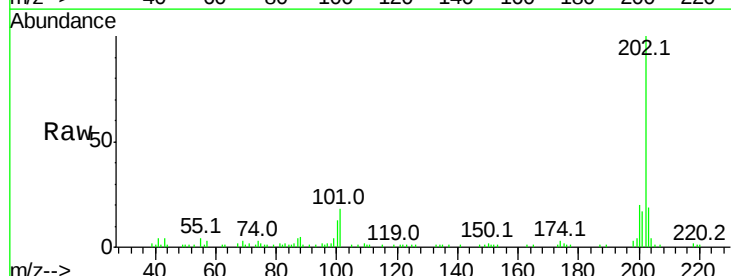
RT: 12.68 min Scan# 927

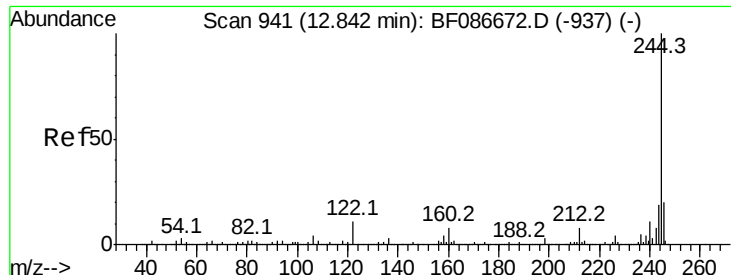
Delta R.T. -0.01 min

Lab File: BF086684.D

Acq: 4 May 2016 18:45

Tgt Ion:	202	Resp:	63151
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.7	26.5
203	19.2	14.2	21.4





#78

Terphenyl-d14

Concen: 54.12 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086684.D

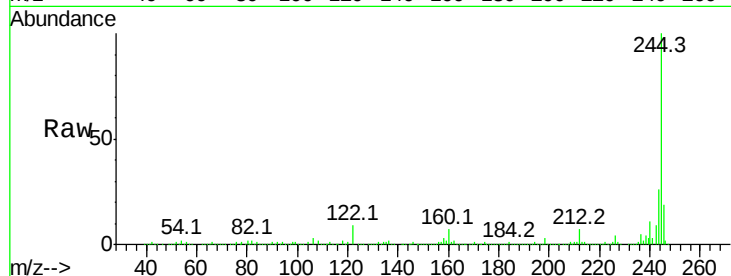
Acq: 4 May 2016 18:45

Instrument :

BNA_F

ClientSampleId :

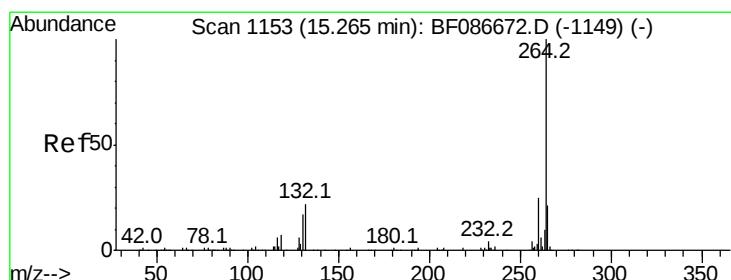
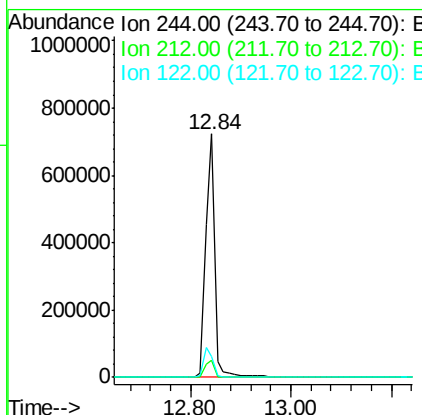
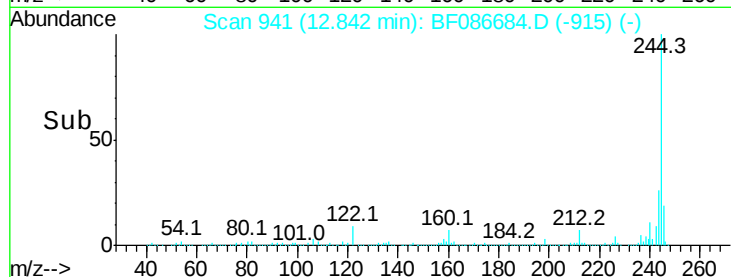
26WARD-5-CS-2(6-12FTBGS)



Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.7	12.0	18.0#

Manual Integrations
APPROVED

sohil
5/5/2016 3:18:54 PM



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF086684.D

Acq: 4 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9

