

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086687.D
 Acq On : 4 May 2016 20:11
 Operator : UM/SJ
 Sample : H2715-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Manual Integrations
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Quant Time: May 05 04:50:54 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	161471	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	599643	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	267185	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	409627m	40.00	ng	0.00
75) Chrysene-d12	13.88	240	346300	40.00	ng	0.00
86) Perylene-d12	15.28	264	270100	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1294930	132.76	ng	0.01
7) Phenol-d6	6.38	99	1567511	119.31	ng	0.01
23) Nitrobenzene-d5	7.31	82	1238837	106.16	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	361691	138.38	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1610147	98.79	ng	0.00
78) Terphenyl-d14	12.84	244	1105397	64.51	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	207950	10.44	ng	99
70) Phenanthrene	11.28	178	123864	5.63	ng	99
74) Fluoranthene	12.46	202	122502	5.56	ng	94
77) Pyrene	12.68	202	116141	4.21	ng	96
80) Benzo(a)anthracene	13.87	228	53927	2.75	ng	# 89
82) Chrysene	13.91	228	46277m	2.21	ng	
87) Benzo(b)fluoranthene	14.89	252	46182m	2.85	ng	
89) Benzo(a)pyrene	15.22	252	31909	2.13	ng	# 75

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

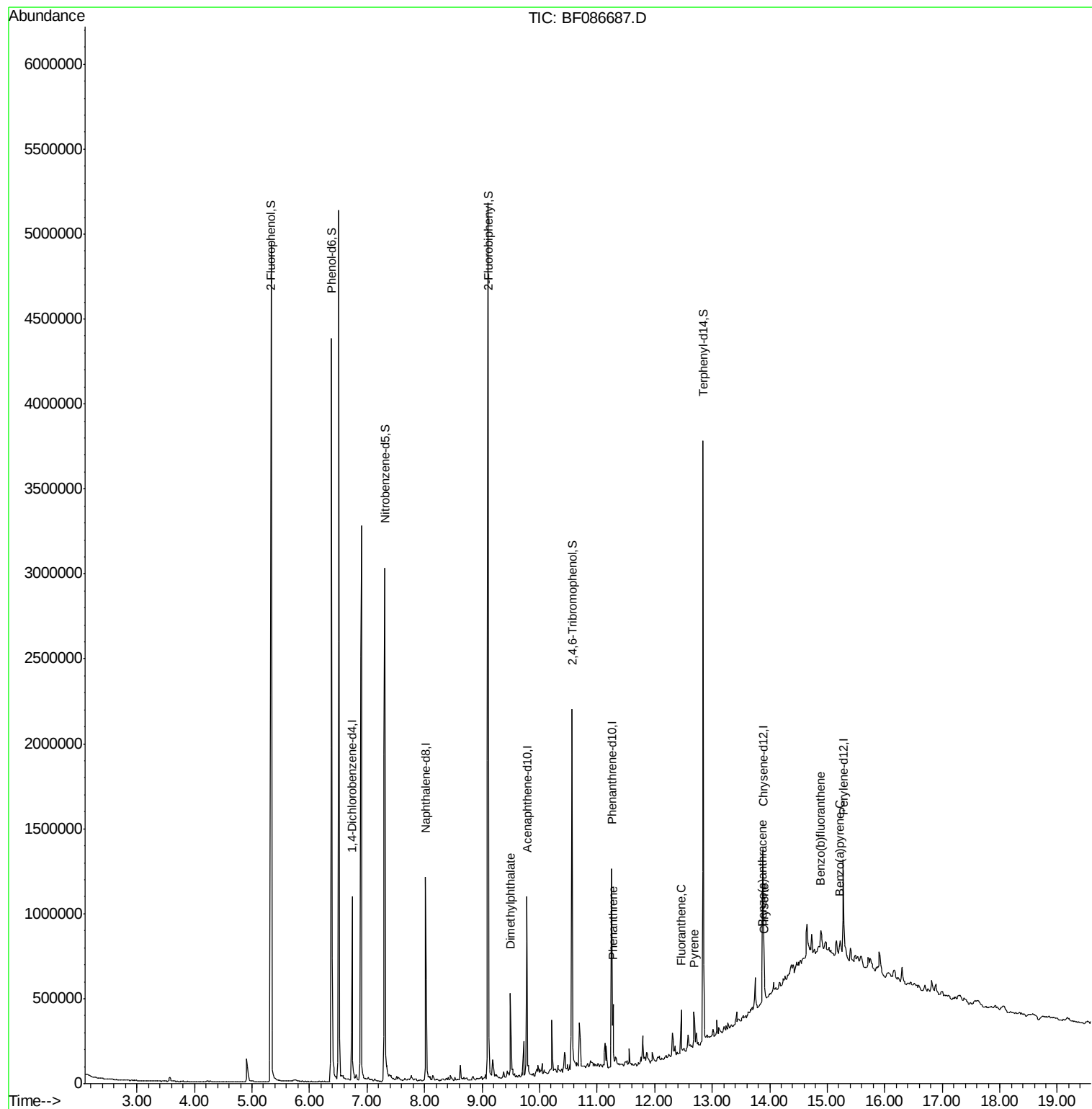
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086687.D
Acq On : 4 May 2016 20:11
Operator : UM/SJ
Sample : H2715-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

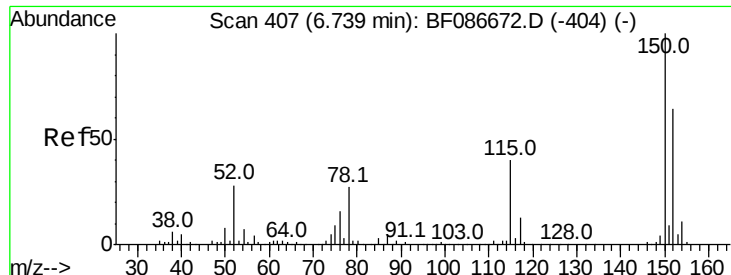
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

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Quant Time: May 05 04:50:54 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

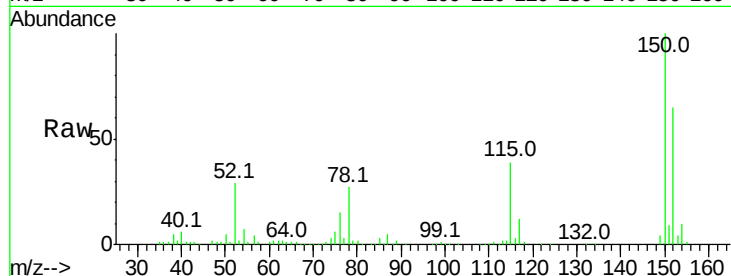
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

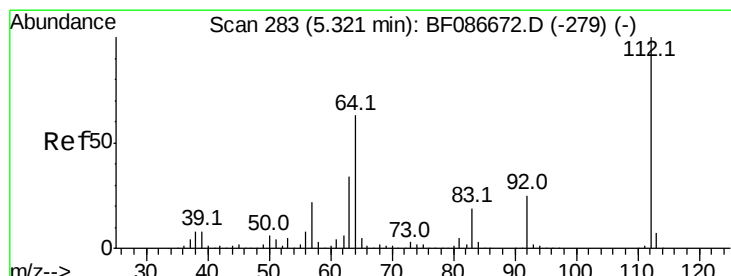
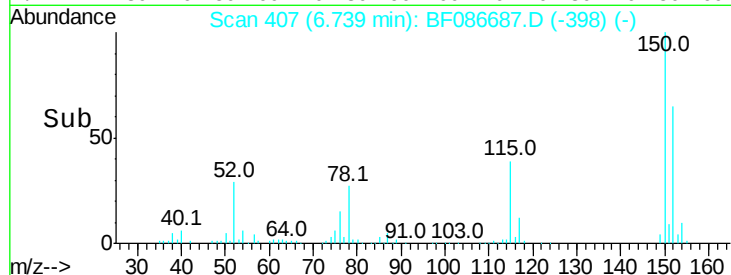
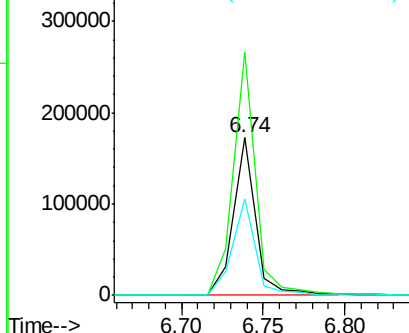
Tot Ion	Ratio	Resp	Lower	Upper
152	100	161471		
150	154.6	125.8	188.6	
115	60.9	51.5	77.3	

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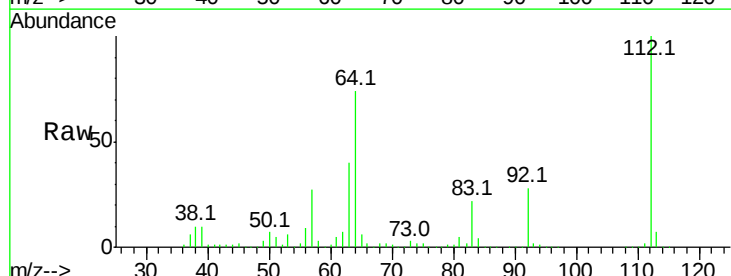
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



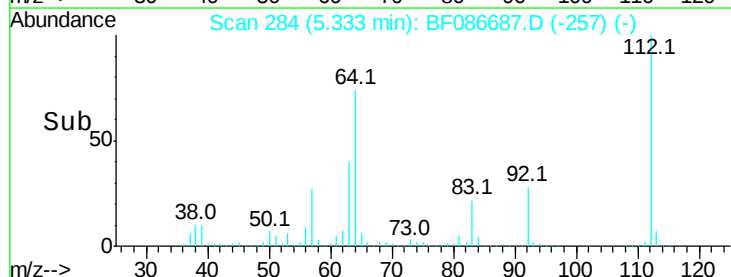
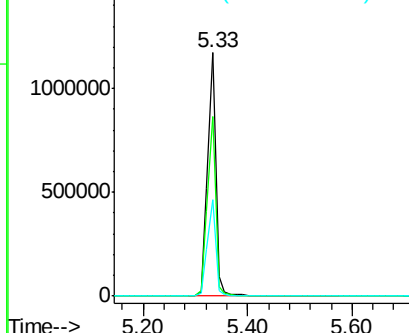
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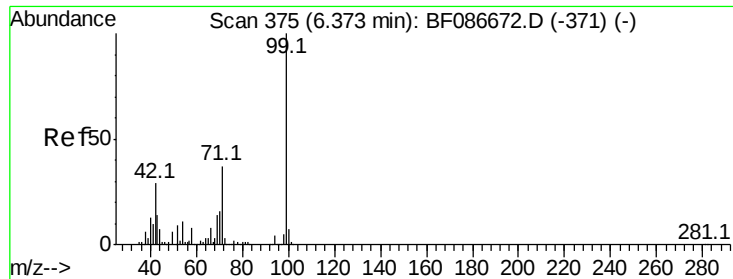
2-Fluorophenol
Concen: 132.76 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1294930		
64	73.9	52.1	78.1	
63	39.8	25.7	38.5	



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.31 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

Tot Ion: 99 Resp: 1567511

Ion Ratio Lower Upper

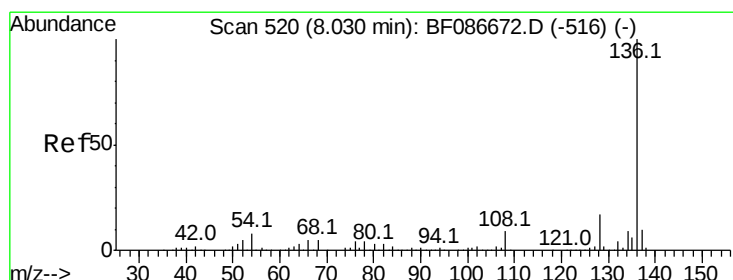
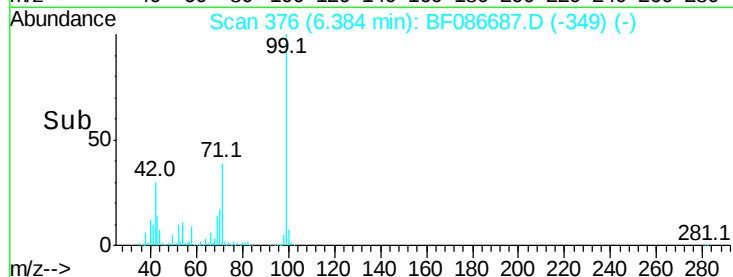
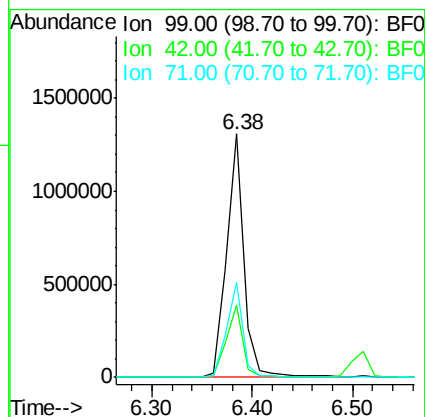
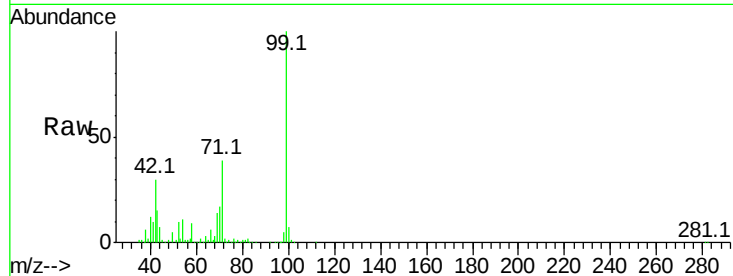
99 100

42 29.8 13.6 20.4#

71 38.9 24.6 36.8#

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#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Tgt Ion: 136 Resp: 599643

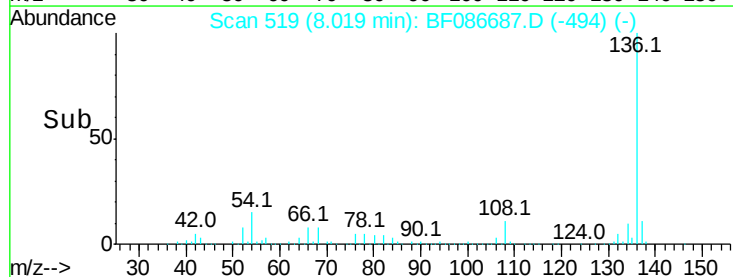
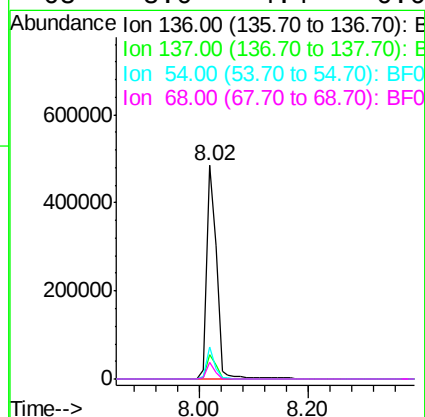
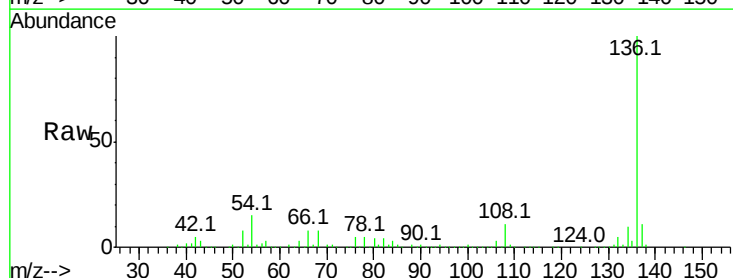
Ion Ratio Lower Upper

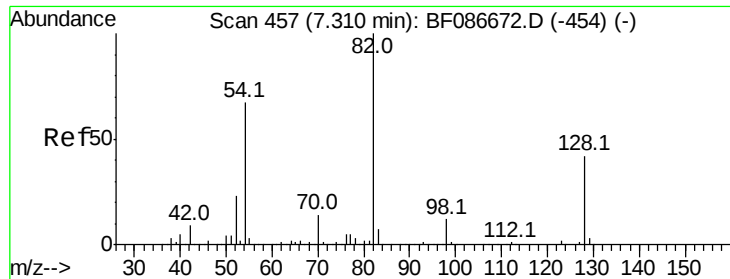
136 100

137 11.3 8.8 13.2

54 14.9 5.0 7.4#

68 8.0 4.4 6.6#





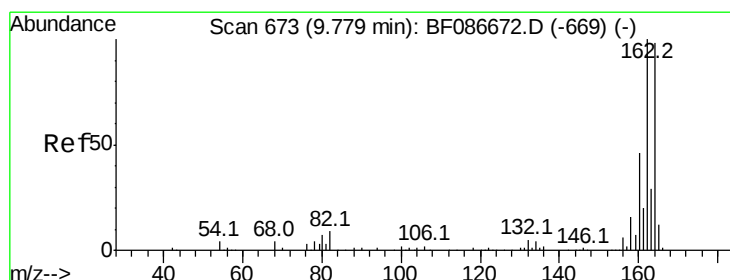
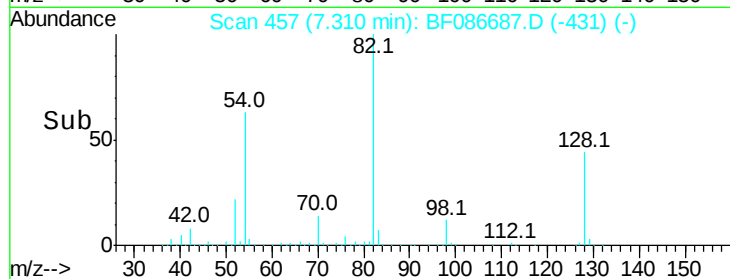
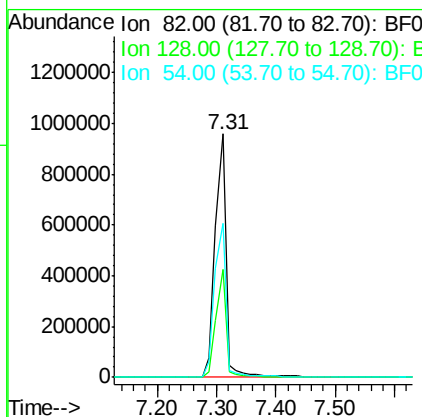
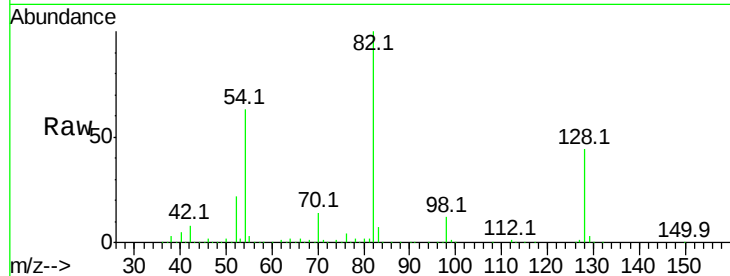
#23
Nitrobenzene-d5
Concen: 106.16 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	40.6	61.0
54	63.4	38.1	57.1

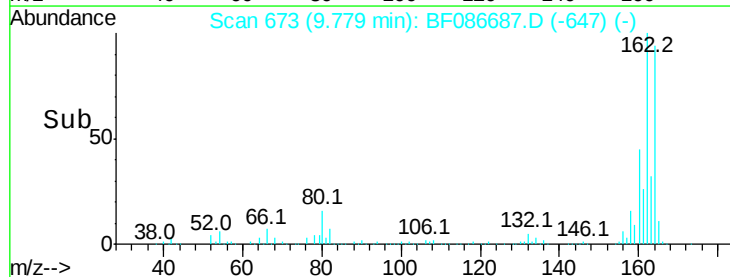
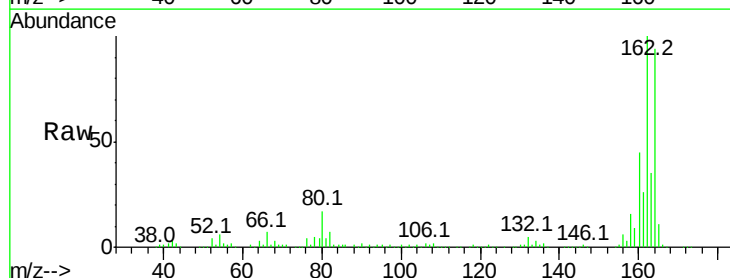
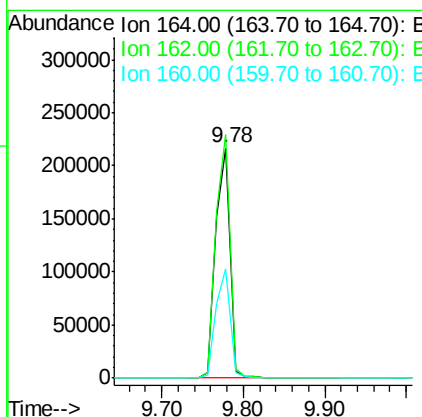
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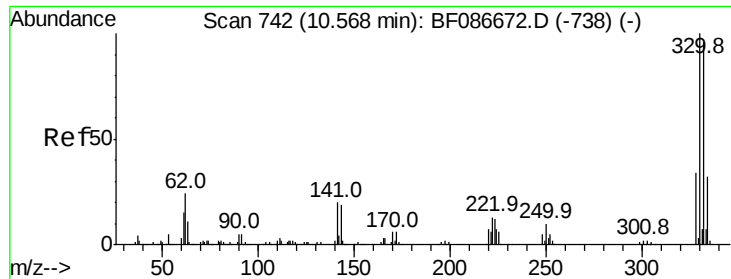
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.8	124.2
160	47.4	36.9	55.3





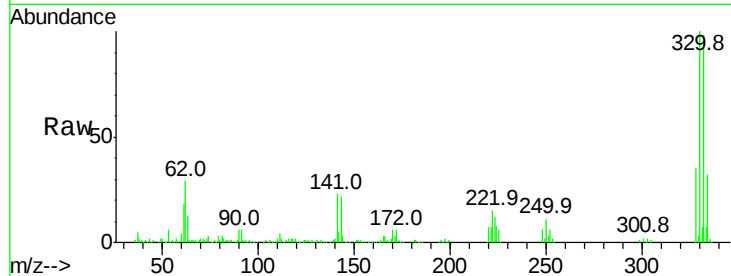
#41
 2,4,6-Tribromophenol
 Concen: 138.38 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086687.D
 Acq: 4 May 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

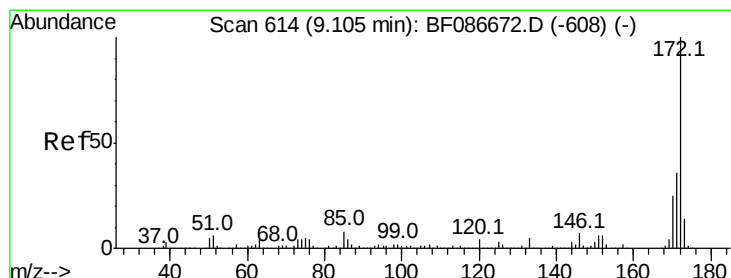
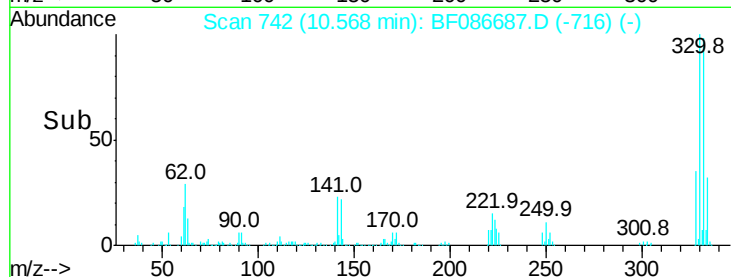
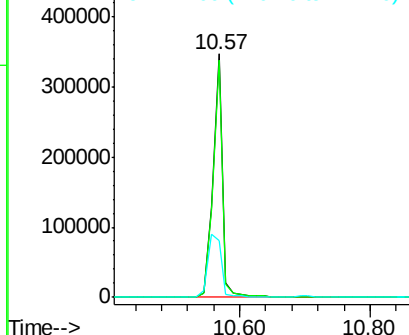
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	79.0	118.4	
141	36.1	31.2	46.8	

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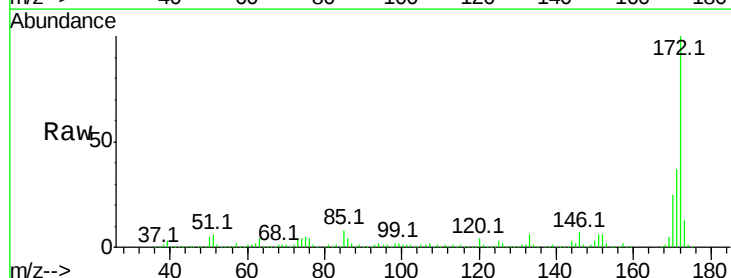


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

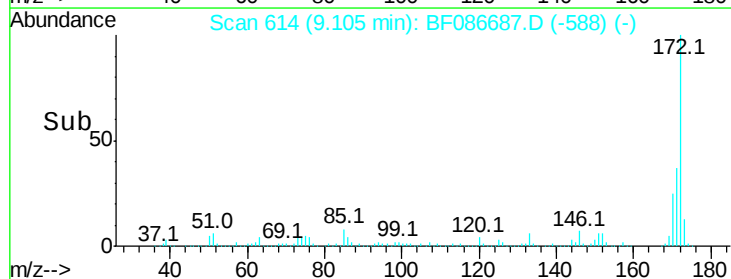
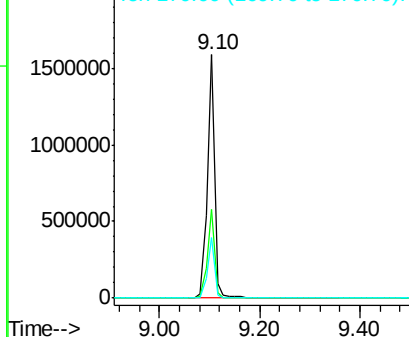


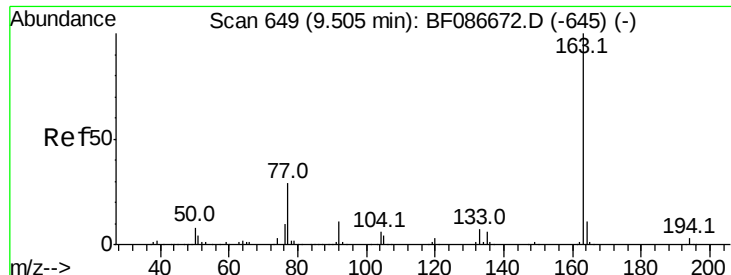
#44
 2-Fluorobiphenyl
 Concen: 98.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086687.D
 Acq: 4 May 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.0	43.6	
170	25.1	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





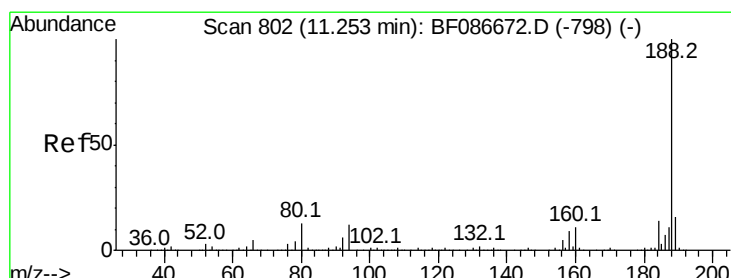
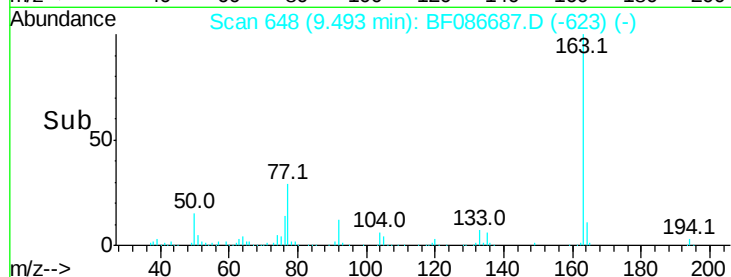
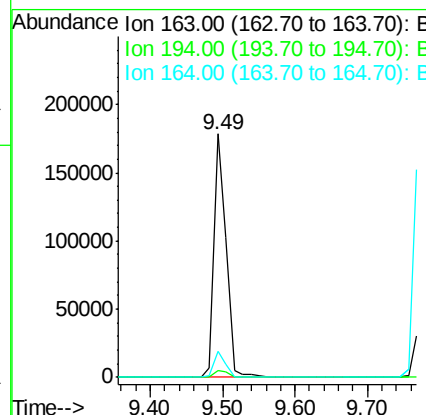
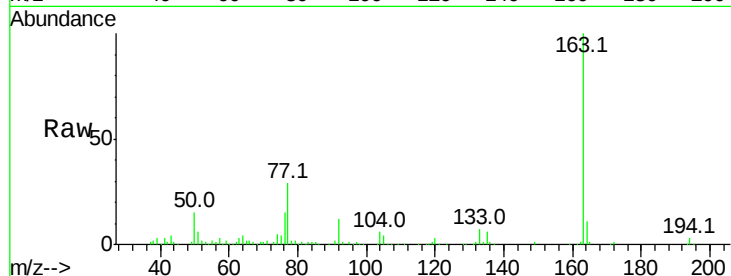
#49
Dimethylphthalate
Concen: 10.44 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	207950		
194	2.9		2.6	4.0
164	10.7		8.2	12.4

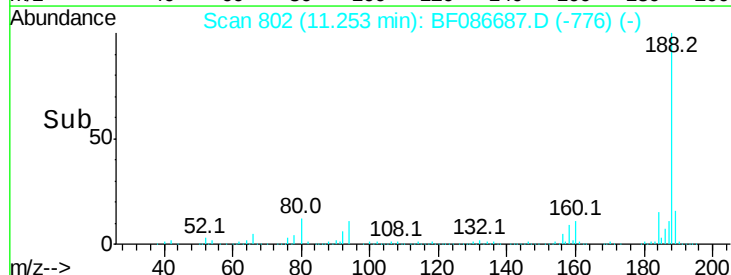
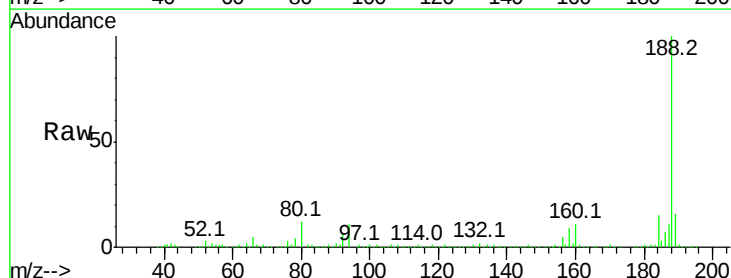
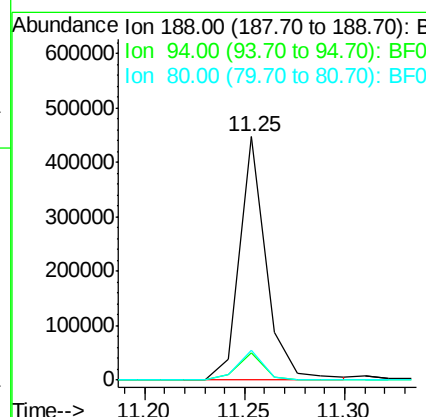
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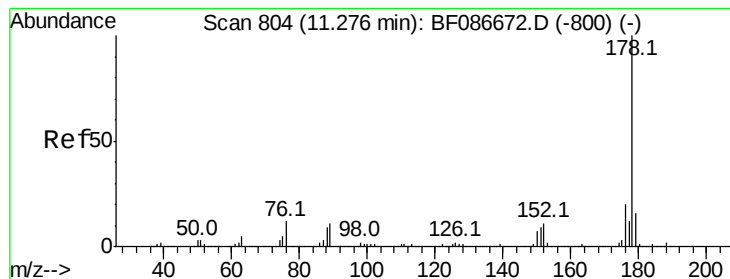
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#63
Phenanthrene-d10
Concen: 40.00 ng m
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	409627		
94	11.2		6.8	10.2#
80	12.4		7.1	10.7#





#70

Phenanthrene

Concen: 5.63 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Instrument :

BNA_F

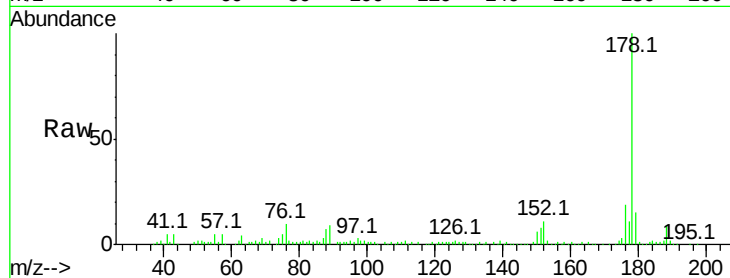
ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

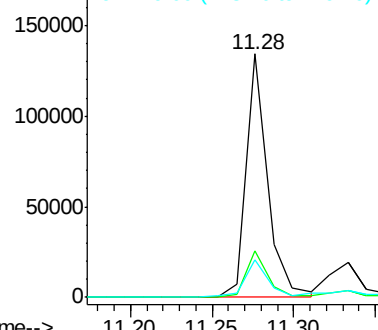
Tot Ion:	178	Resp:	123864
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.0	24.0
179	15.4	12.6	18.8

Manual Integrations
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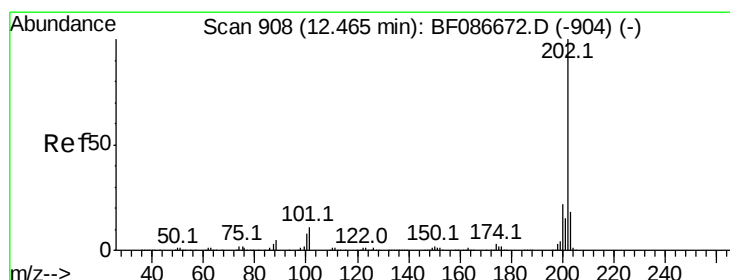
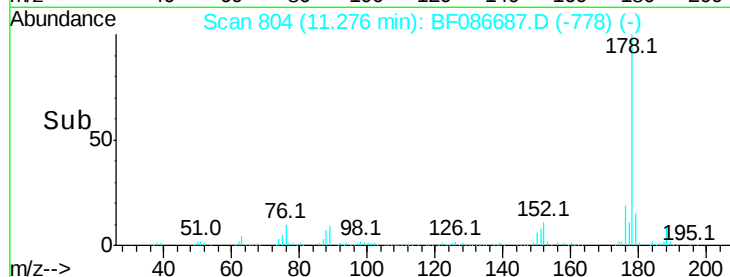
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 5.56 ng

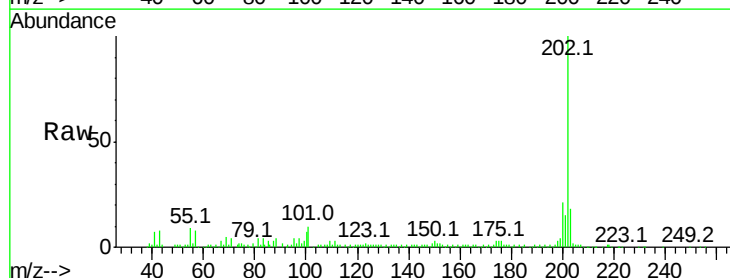
RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

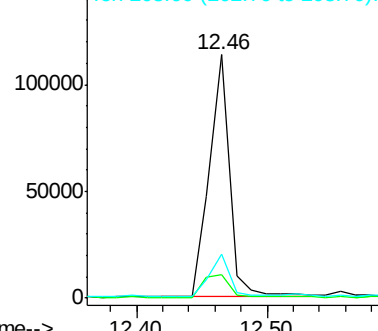
Lab File: BF086687.D

Acq: 4 May 2016 20:11

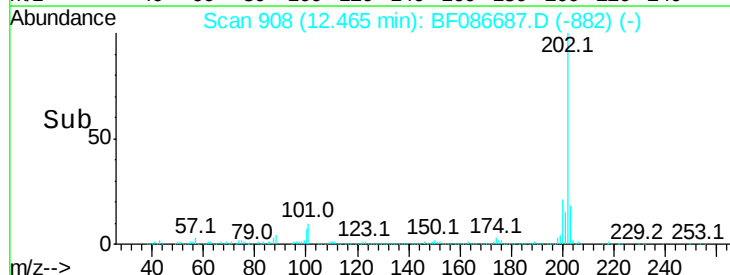
Tgt Ion:	202	Resp:	122502
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	35.4
203	18.1	0.0	38.1

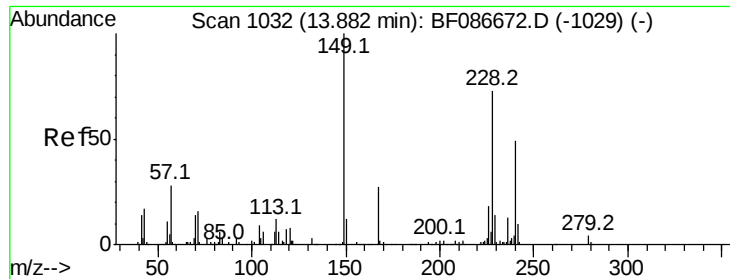


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Instrument :

BNA_F

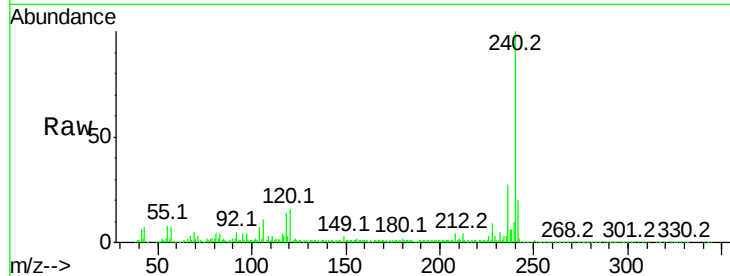
ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

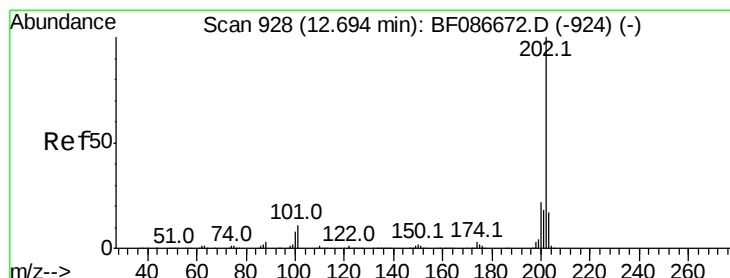
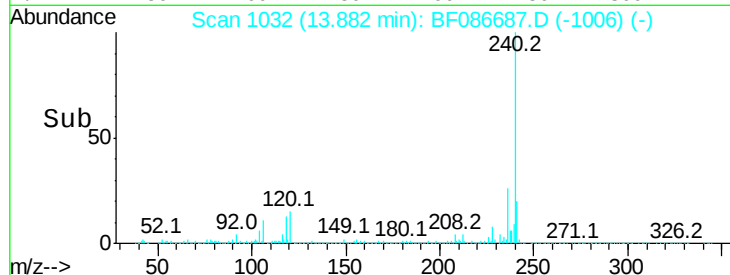
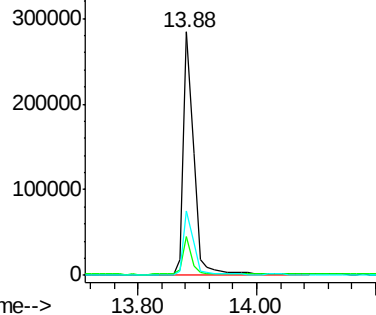
Tot Ion:	240	Resp:	346300
Ion Ratio		Lower	Upper
240	100		
120	15.9	11.2	16.8
236	26.6	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E



#77

Pyrene

Concen: 4.21 ng

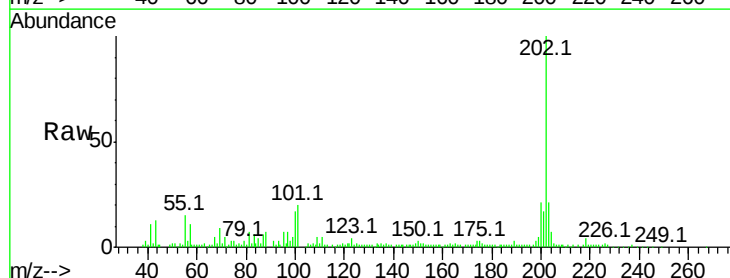
RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

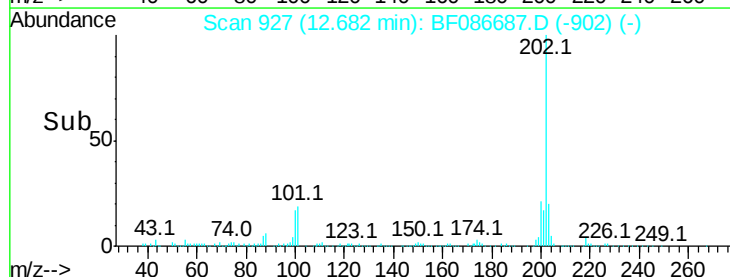
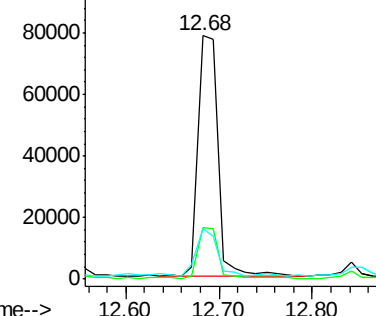
Lab File: BF086687.D

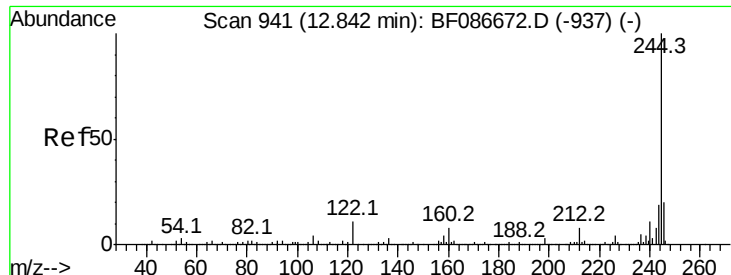
Acq: 4 May 2016 20:11

Tgt Ion:	202	Resp:	116141
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.7	26.5
203	20.9	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E





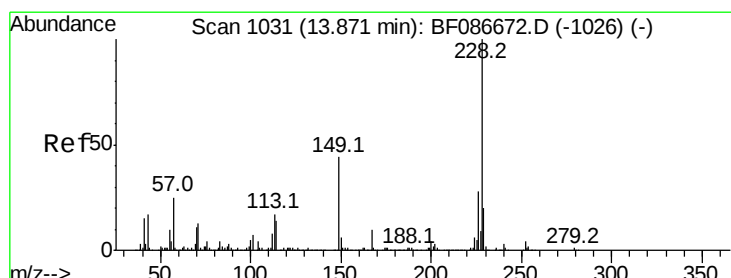
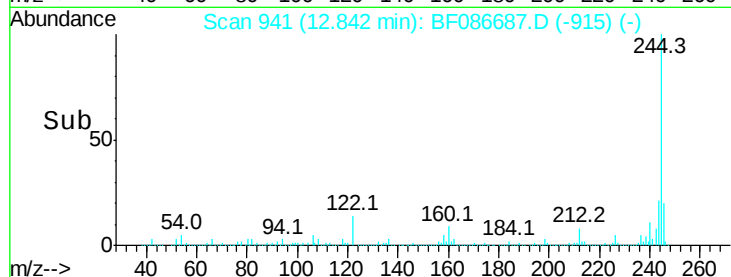
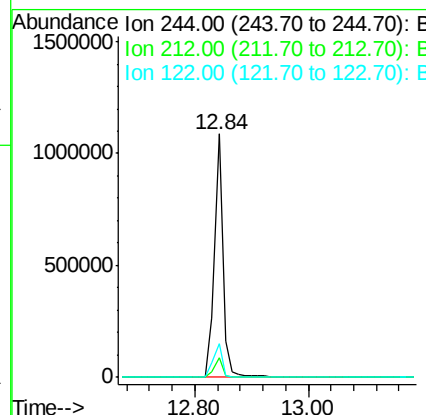
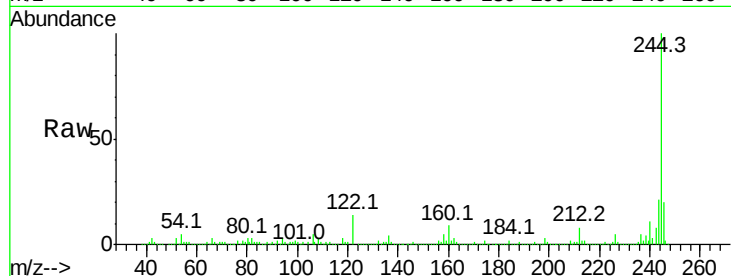
#78
 Terphenyl-d14
 Concen: 64.51 ng
 RT: 12.84 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF086687.D
 Acq: 4 May 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.7	12.0	18.0

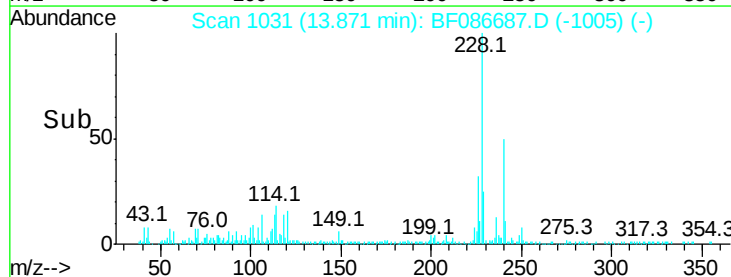
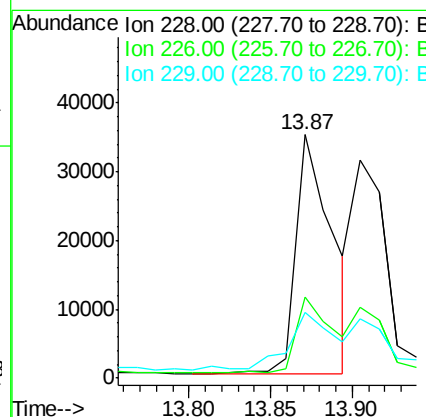
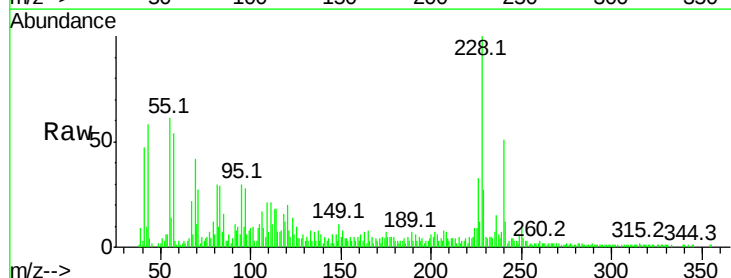
Manual Integrations
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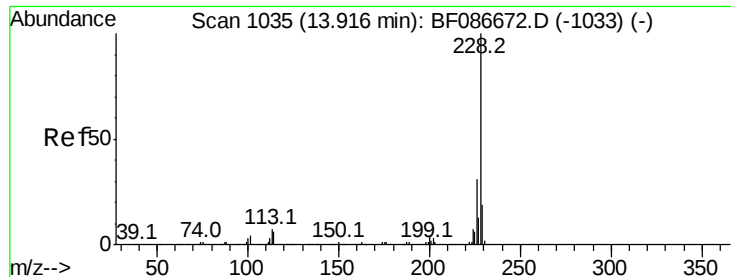
sohil
 5/5/2016 3:18:56 PM



#80
 Benzo(a)anthracene
 Concen: 2.75 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF086687.D
 Acq: 4 May 2016 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.5	33.7
229	27.0	16.6	25.0





#82

Chrysene

Concen: 2.21 ng/mL

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Instrument :

BNA_F

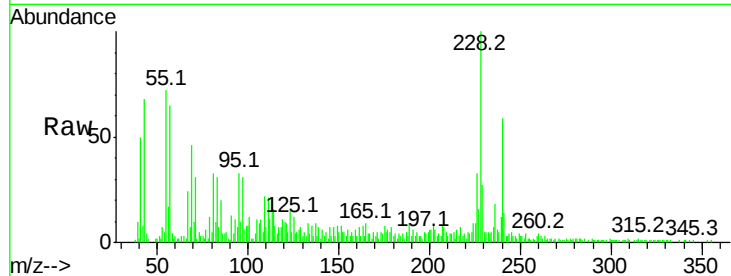
ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

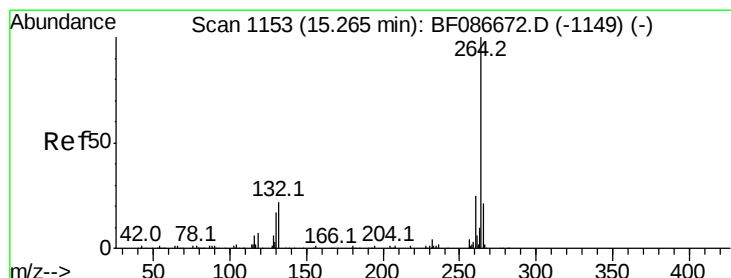
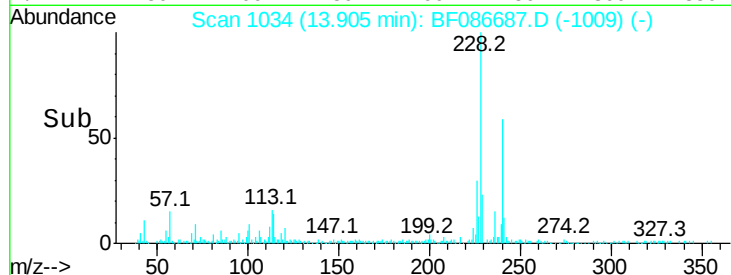
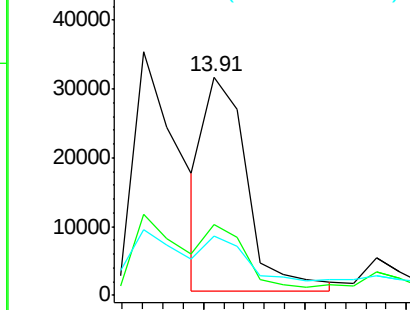
Tot Ion:	228	Resp:	46277
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.4	36.6
229	27.4	15.8	23.8

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 40.00 ng

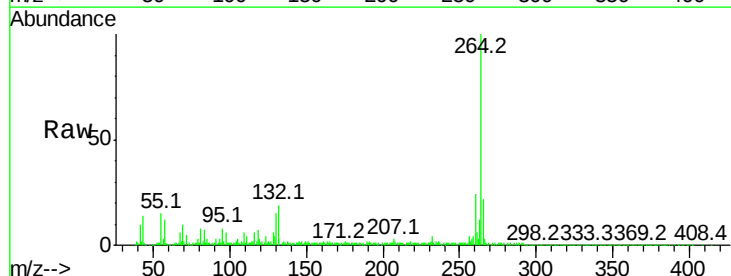
RT: 15.28 min Scan# 1154

Delta R.T. 0.01 min

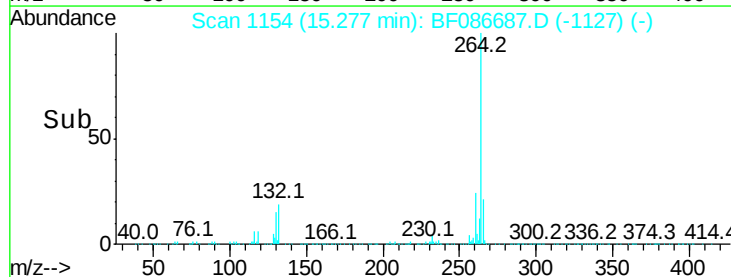
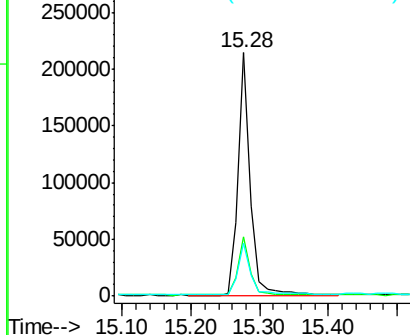
Lab File: BF086687.D

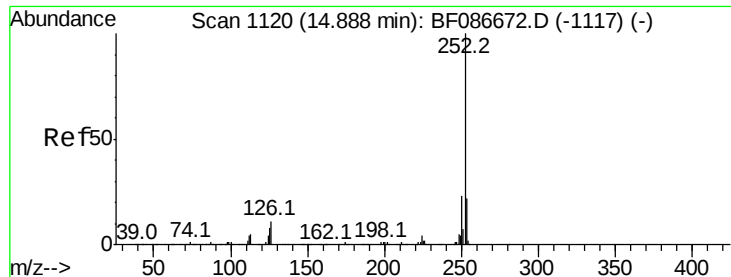
Acq: 4 May 2016 20:11

Tgt Ion:	264	Resp:	270100
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.7	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 2.85 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Instrument :

BNA_F

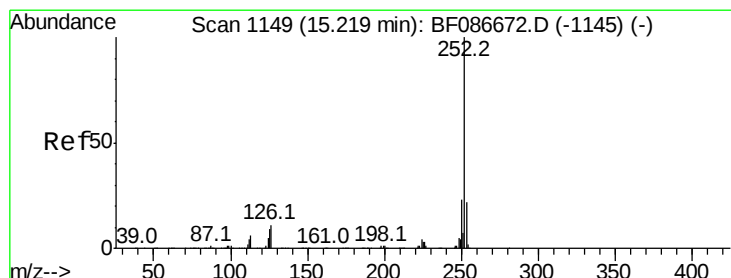
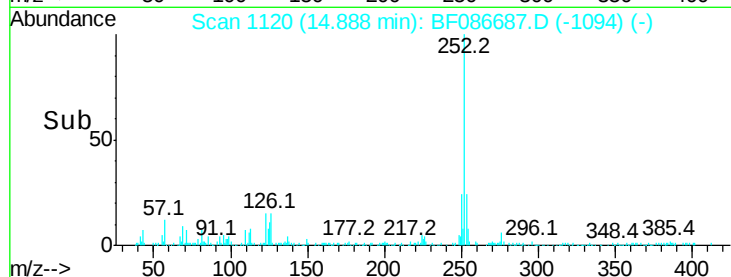
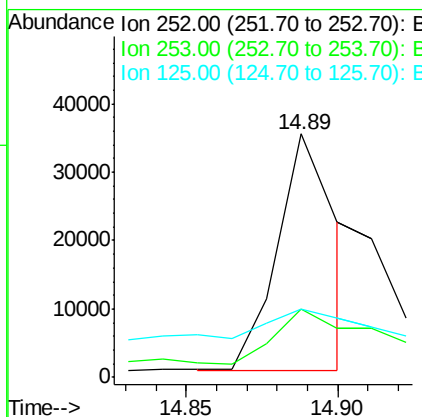
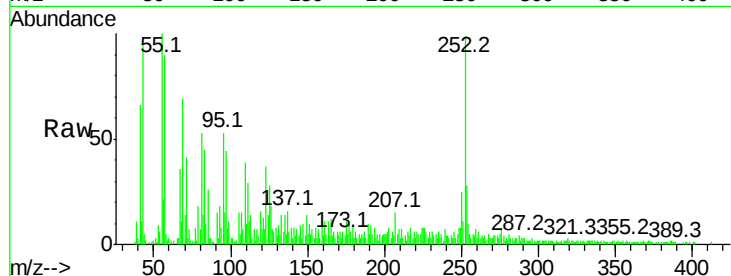
ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

Tot Ion:	252	Resp:	46182
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.8	26.6#
125	27.9	11.4	17.0#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.13 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086687.D

Acq: 4 May 2016 20:11

Tgt Ion:	252	Resp:	31909
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.2	25.8#
125	31.1	9.0	13.6#

