

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086655.D
 Acq On : 3 May 2016 20:16
 Operator : UM/SJ
 Sample : H2685-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-3(16-32FTBGS)

Manual Integrations
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Quant Time: May 04 05:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180385	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	732161	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	301327	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	435222	20.00	ng	-0.06
75) Chrysene-d12	13.90	240	383482	20.00	ng	-0.06
86) Perylene-d12	15.30	264	311724	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1614790	154.41	ng	-0.03
7) Phenol-d6	6.41	99	2240751	153.52	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1215984	89.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	325733	102.51	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1671474	100.92	ng	-0.06
78) Terphenyl-d14	12.85	244	1034864	59.45	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	339604	14.97	ng	99
70) Phenanthrene	11.29	178	121018	5.30	ng	97
71) Anthracene	11.34	178	59309	2.43	ng	97
74) Fluoranthene	12.48	202	228584	9.91	ng	97
77) Pyrene	12.70	202	233870	8.46	ng	99
80) Benzo(a)anthracene	13.89	228	125108	6.12	ng	99
82) Chrysene	13.93	228	78117m	3.52	ng	
85) Indeno(1,2,3-cd)pyrene	16.61	276	44026	2.67	ng	# 91
87) Benzo(b)fluoranthene	14.91	252	122544m	6.68	ng	
89) Benzo(a)pyrene	15.24	252	81074	4.68	ng	97
91) Benzo(g,h,i)perylene	17.01	276	40099	2.82	ng	96

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

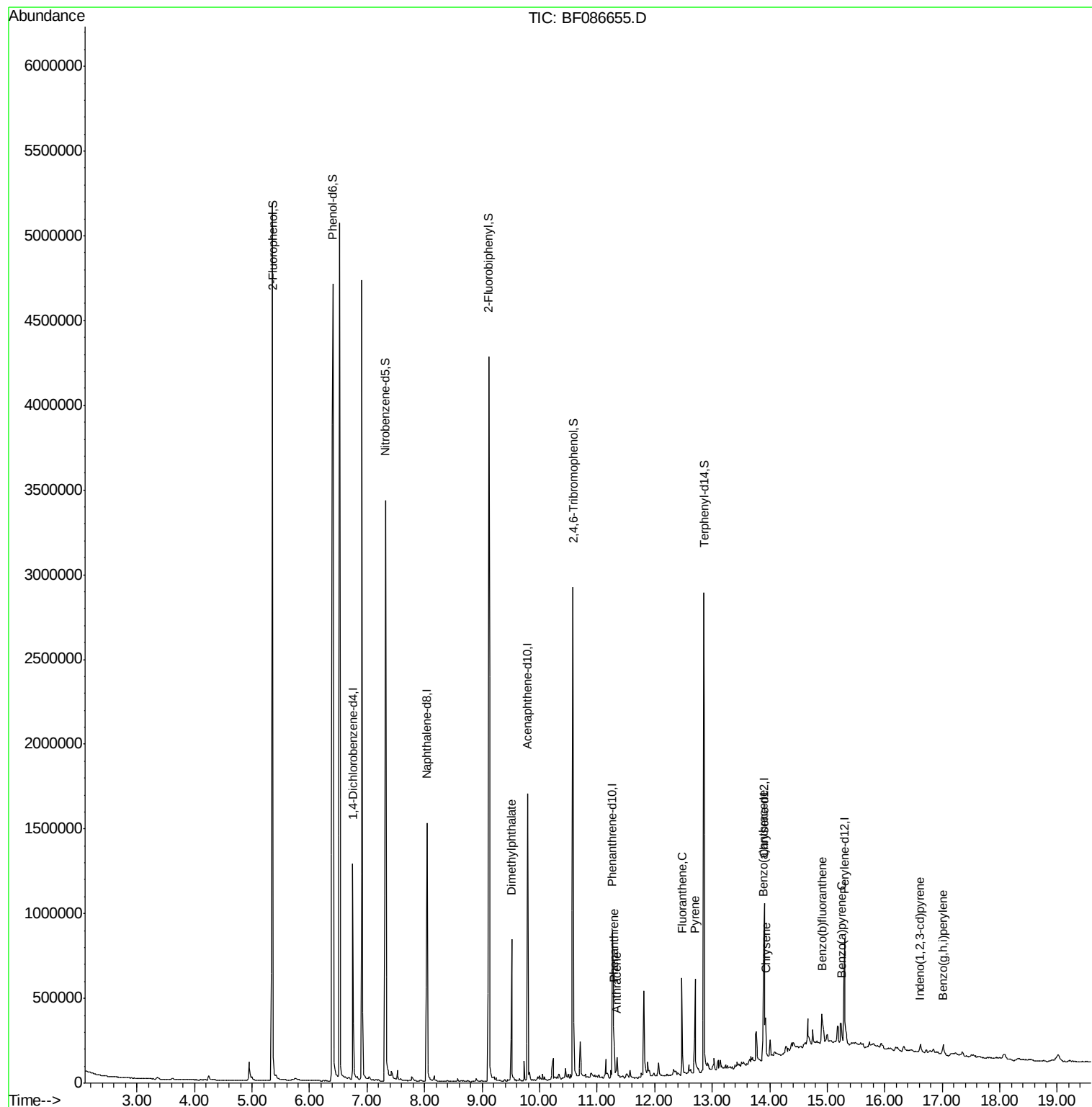
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
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Misc :
ALS Vial : 45 Sample Multiplier: 1

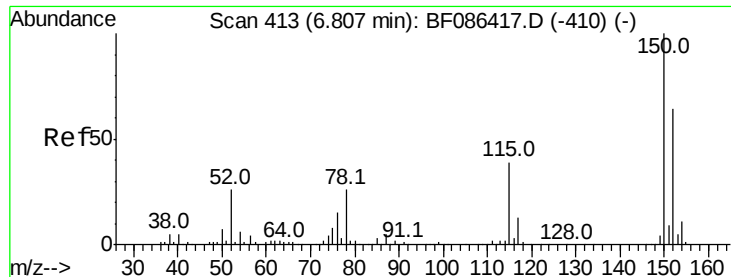
Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

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Quant Time: May 04 05:01:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

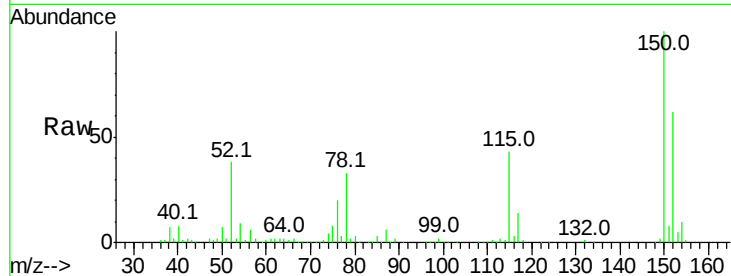
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

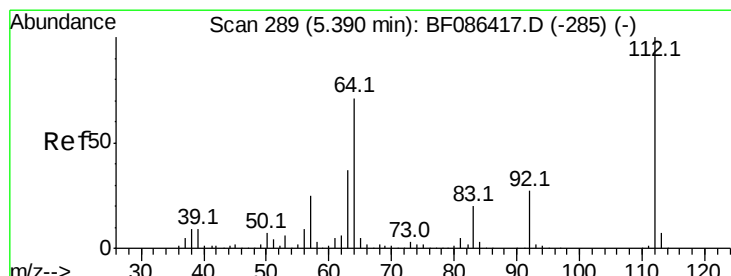
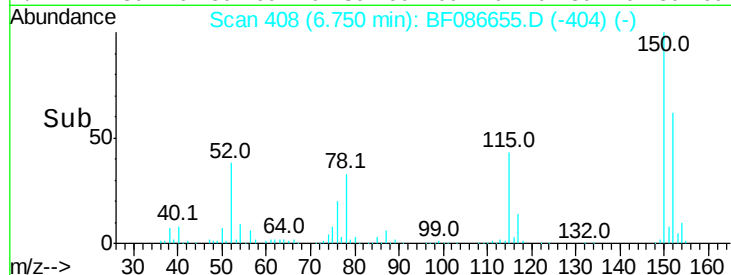
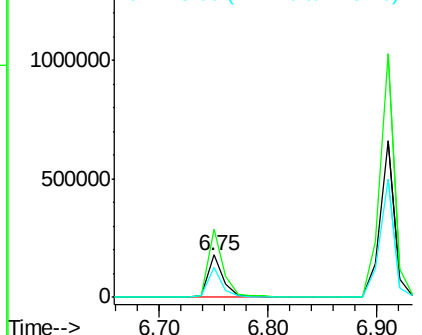
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	125.8	188.6
115	69.5	51.5	77.3

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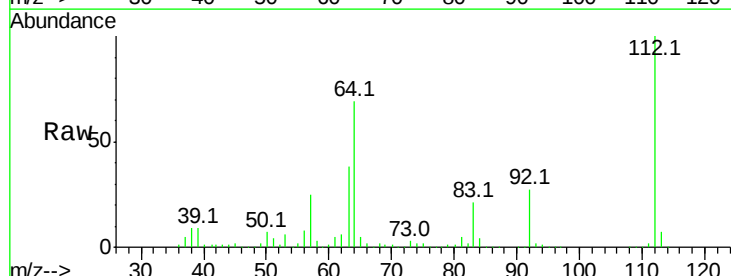
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



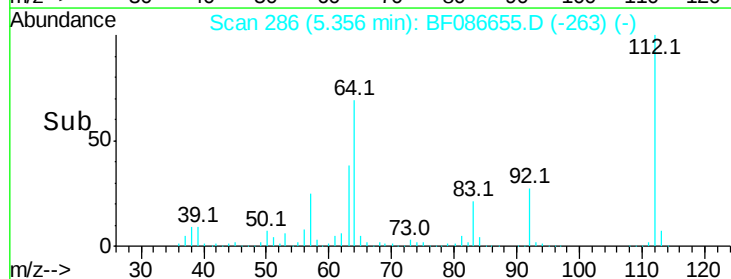
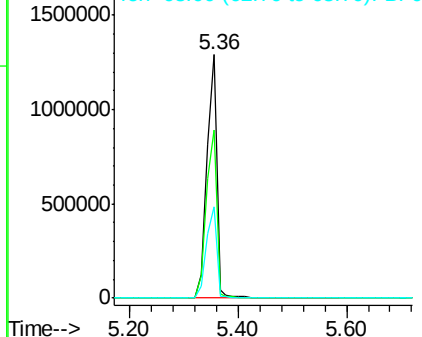
#5

2-Fluorophenol
Concen: 154.41 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	52.1	78.1
63	37.6	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: 153.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-3(16-32FTBGS)

Tot Ion: 99 Resp: 2240751

Ion Ratio Lower Upper

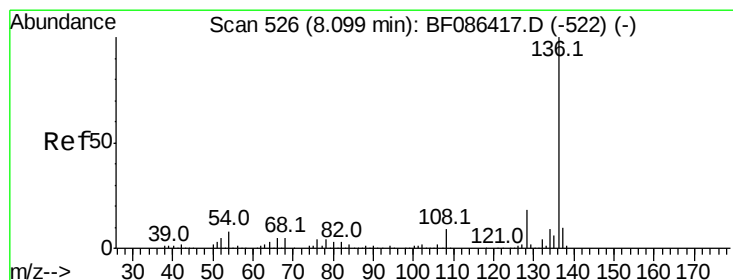
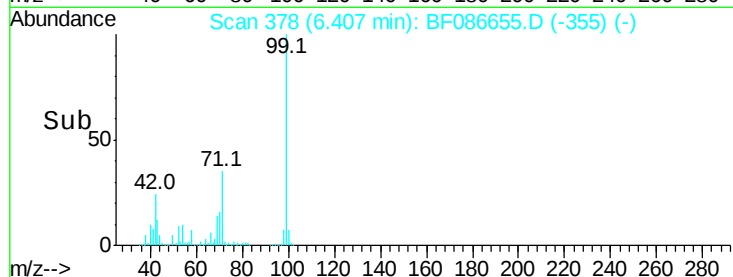
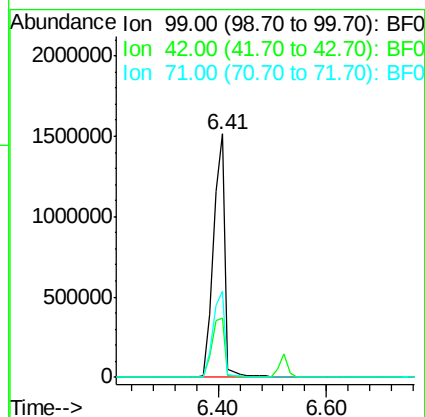
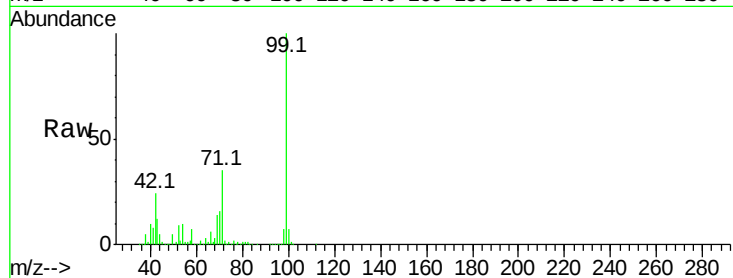
99 100

42 24.4 13.6 20.4#

71 35.5 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Tgt Ion: 136 Resp: 732161

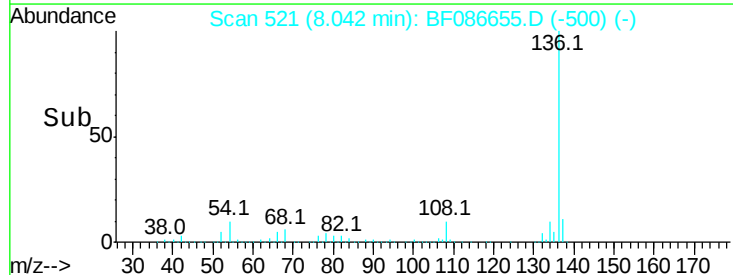
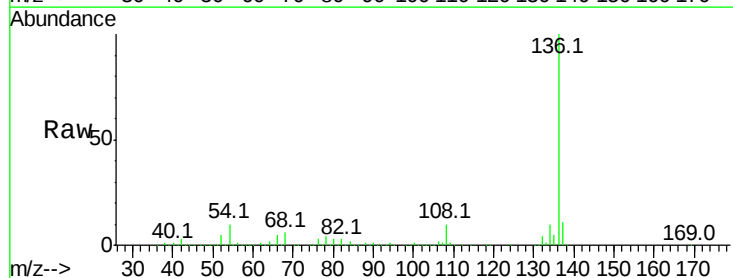
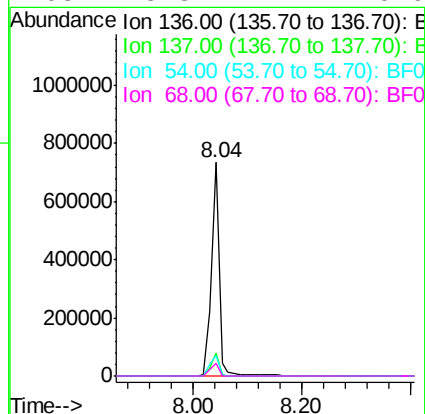
Ion Ratio Lower Upper

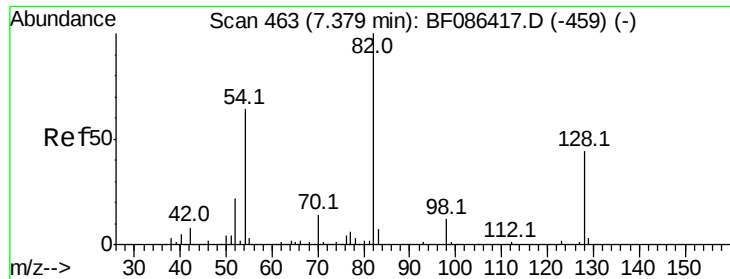
136 100

137 11.0 8.8 13.2

54 9.7 5.0 7.4#

68 5.8 4.4 6.6





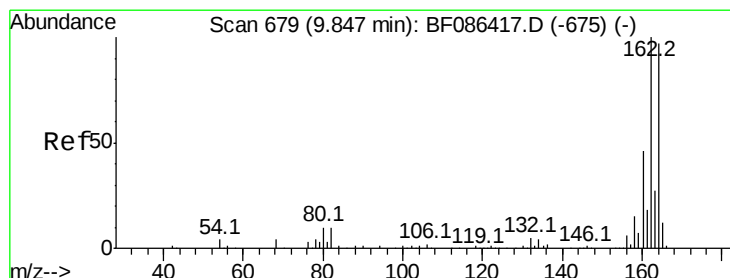
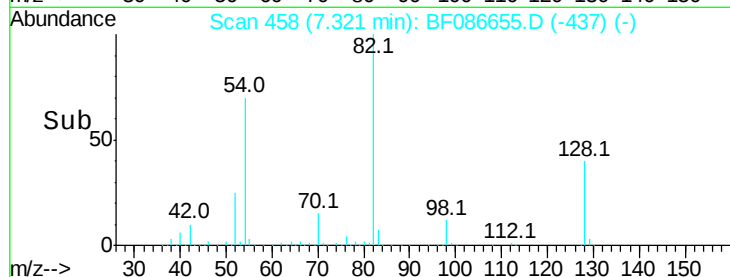
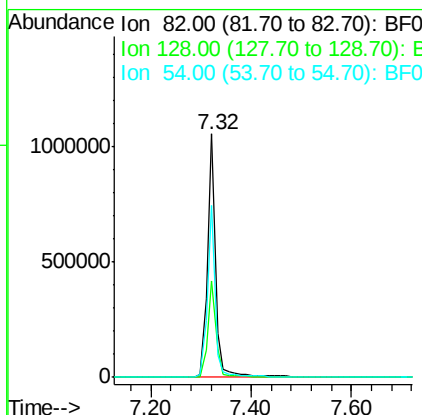
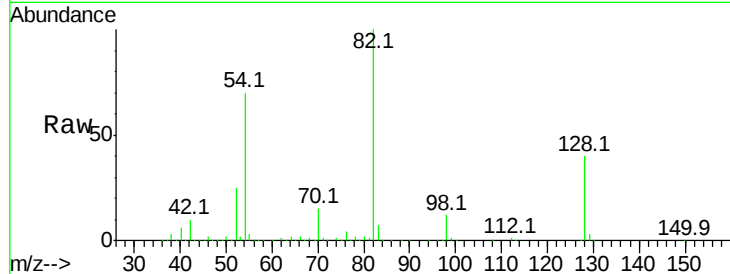
#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	61.0#
54	70.5	38.1	57.1#

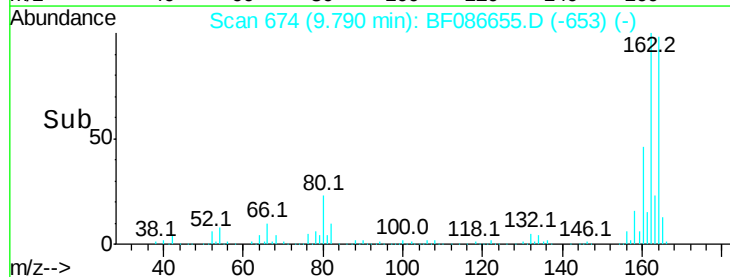
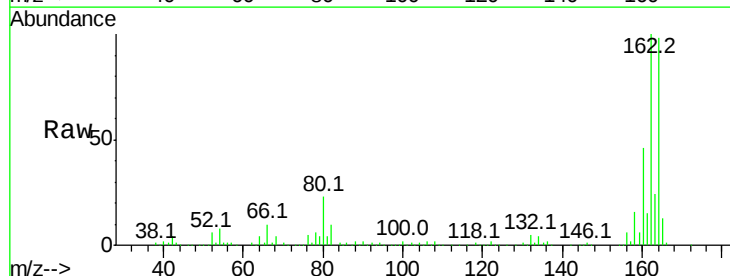
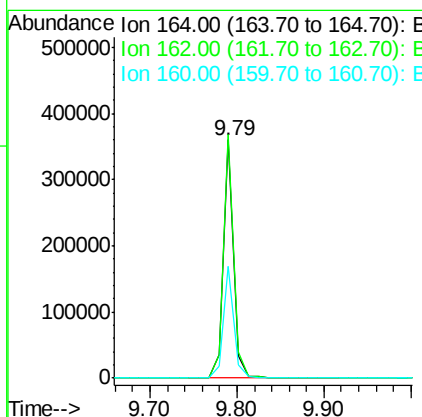
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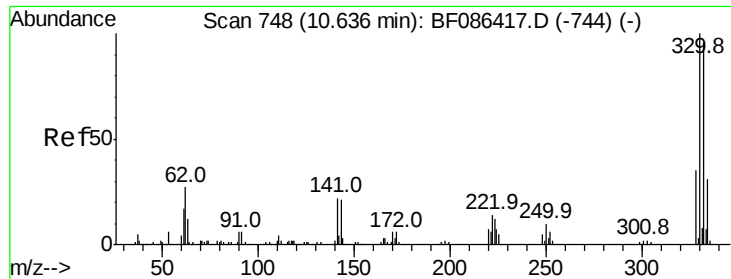
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.8	36.9	55.3





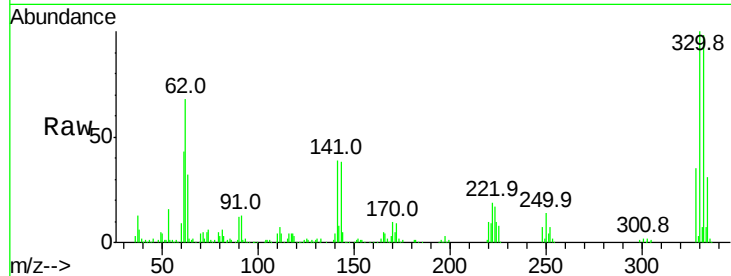
#41
 2,4,6-Tribromophenol
 Concen: 102.51 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086655.D
 Acq: 3 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-3(16-32FTBGS)

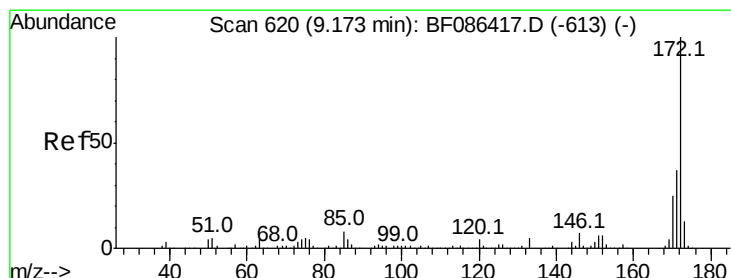
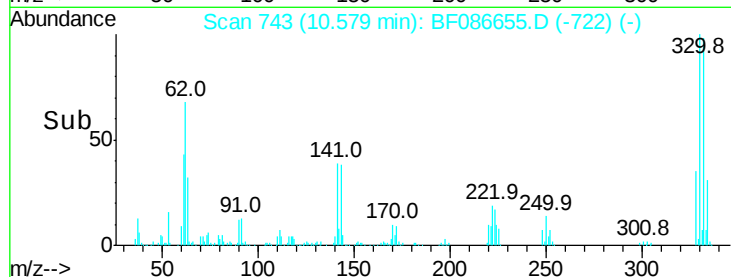
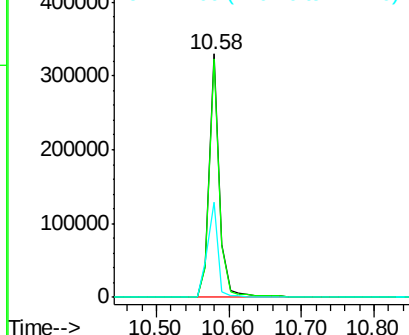
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	79.0	118.4	
141	40.9	31.2	46.8	

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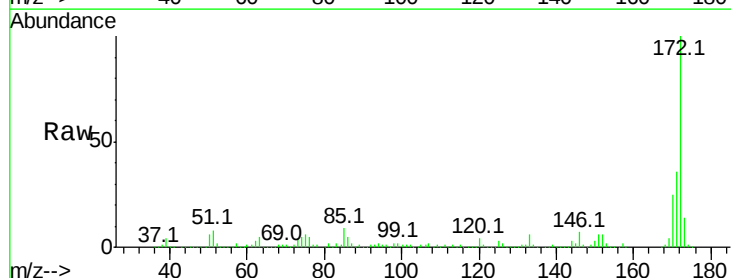


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

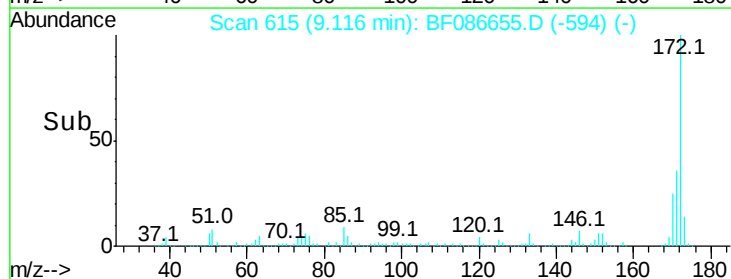
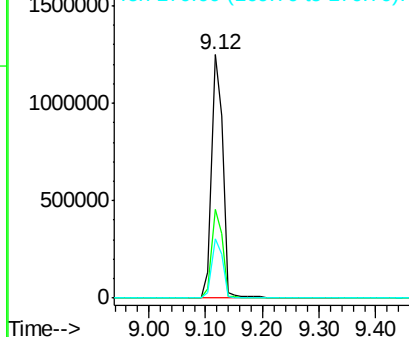


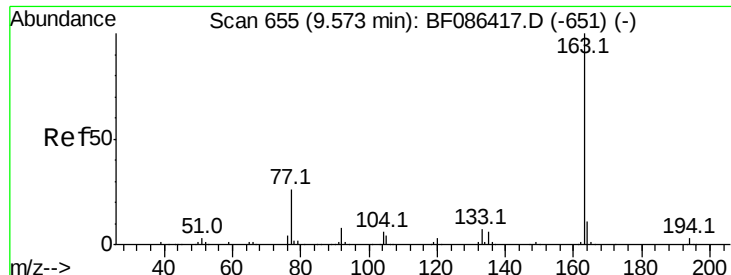
#44
 2-Fluorobiphenyl
 Concen: 100.92 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086655.D
 Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.0	43.6	
170	24.6	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





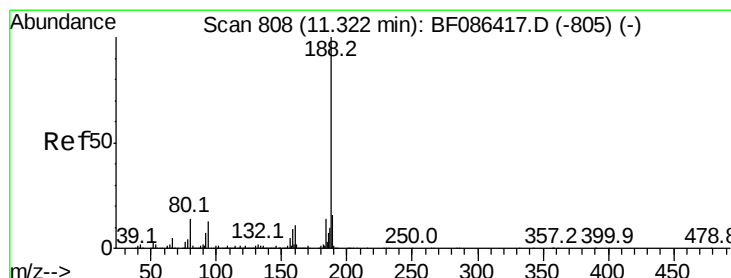
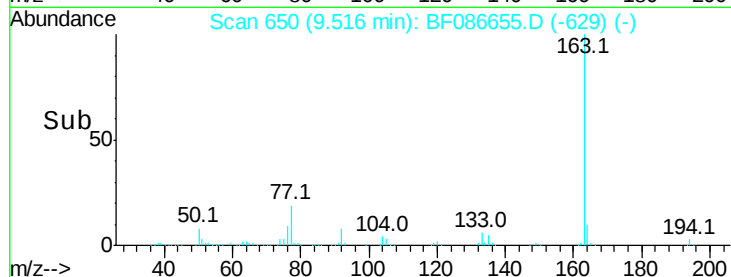
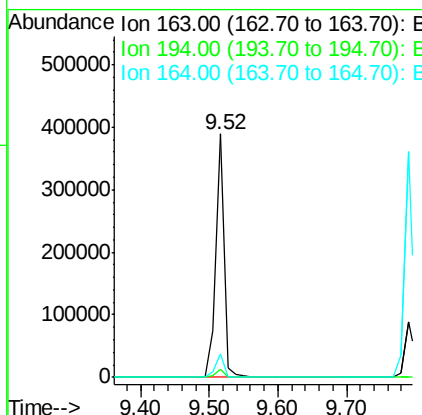
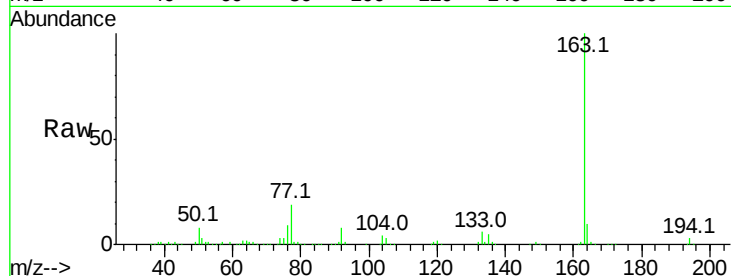
#49
Dimethylphthalate
Concen: 14.97 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.7	8.2	12.4	

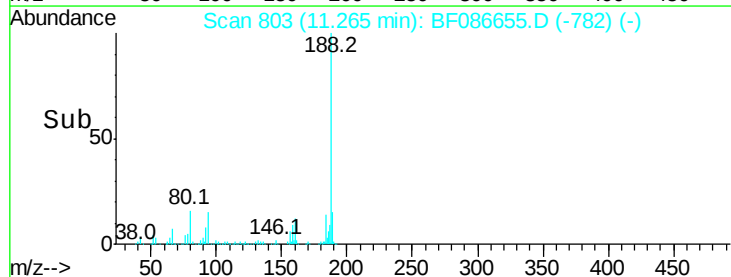
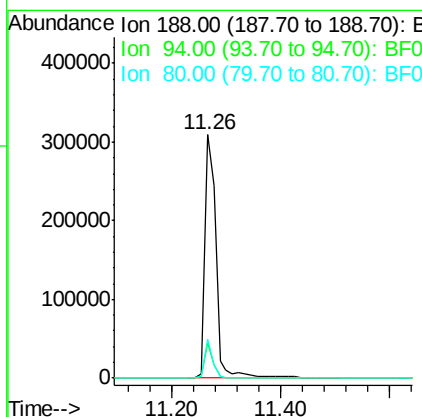
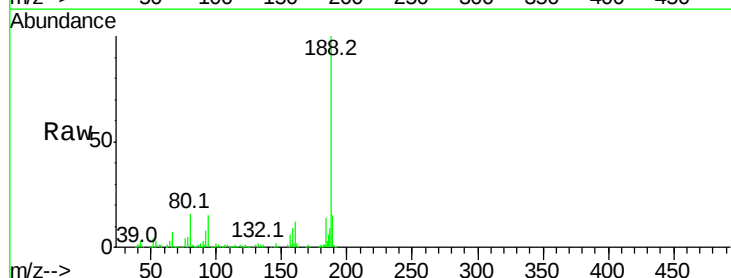
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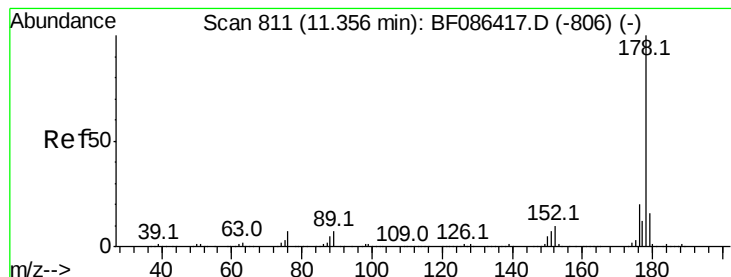
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.6	6.8	10.2#	
80	16.0	7.1	10.7#	





#70

Phenanthrene

Concen: 5.30 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Instrument :

BNA_F

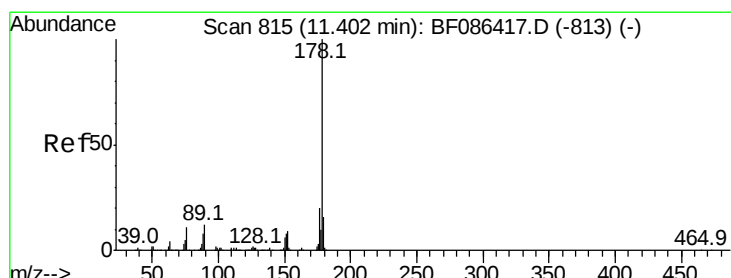
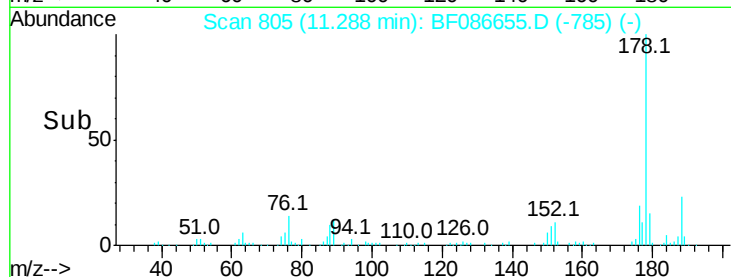
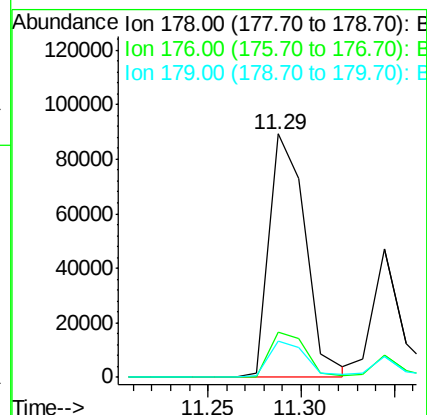
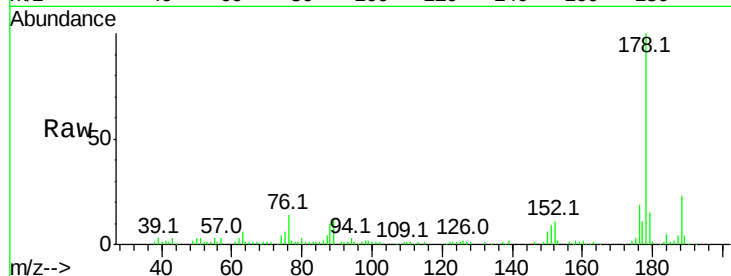
ClientSampleId :

26WARD-1B-CS-3(16-32FTBGS)

Tot Ion:	178	Resp:	121018
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.0	24.0
179	14.9	12.6	18.8

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#71

Anthracene

Concen: 2.43 ng

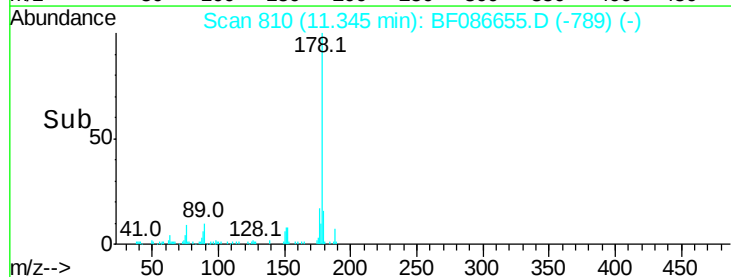
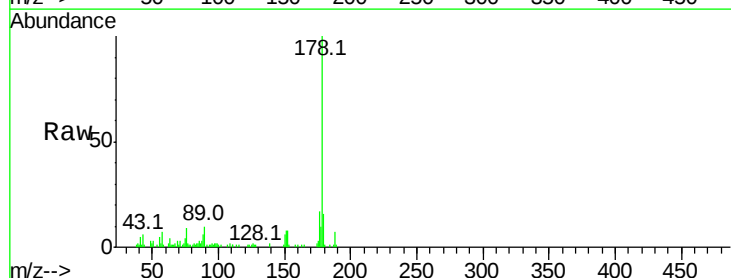
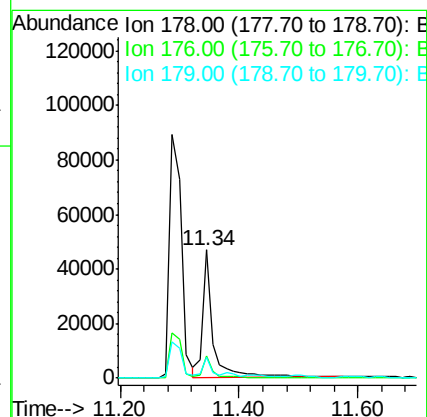
RT: 11.34 min Scan# 810

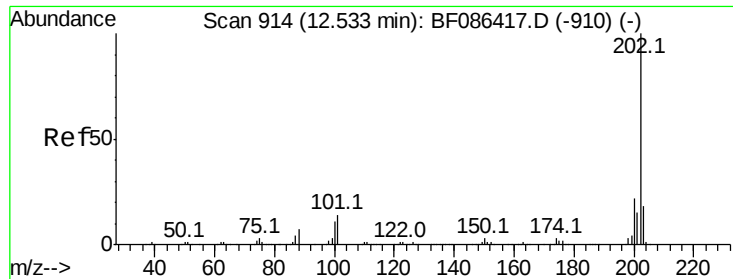
Delta R.T. -0.06 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Tgt Ion:	178	Resp:	59309
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.6	23.4
179	16.0	12.7	19.1





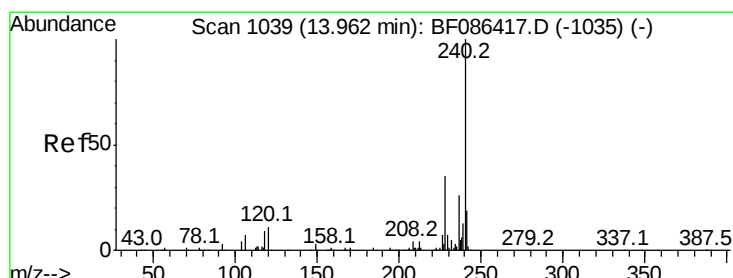
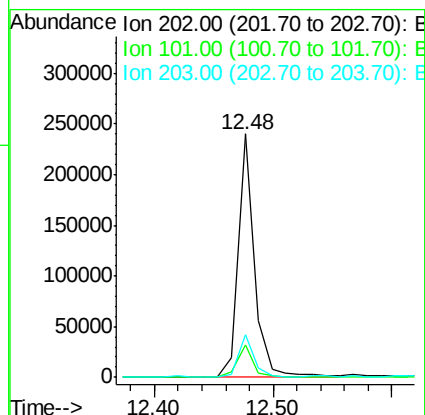
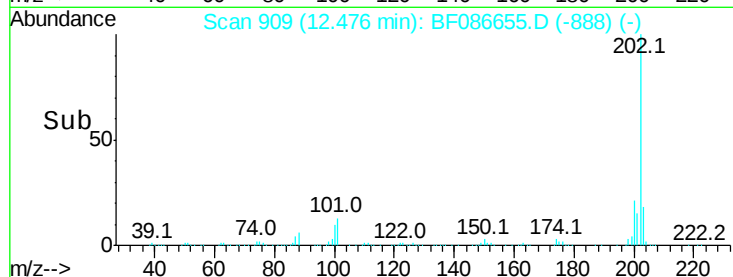
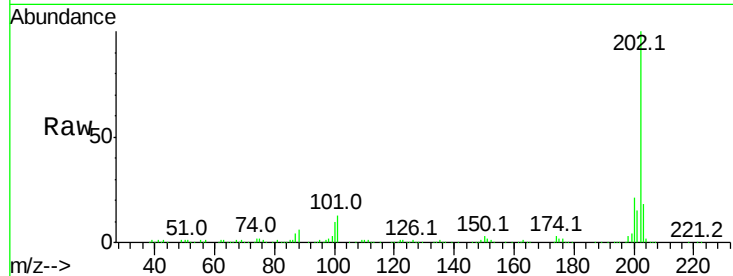
#74
Fluoranthene
Concen: 9.91 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	35.4
203	17.5	0.0	38.1

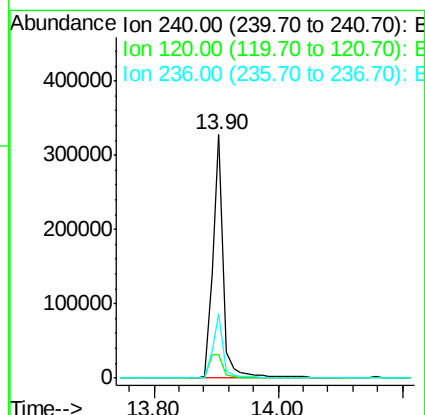
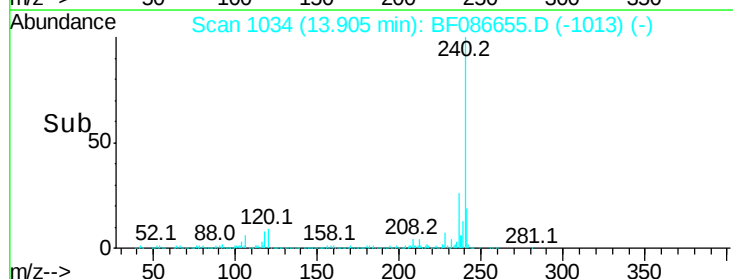
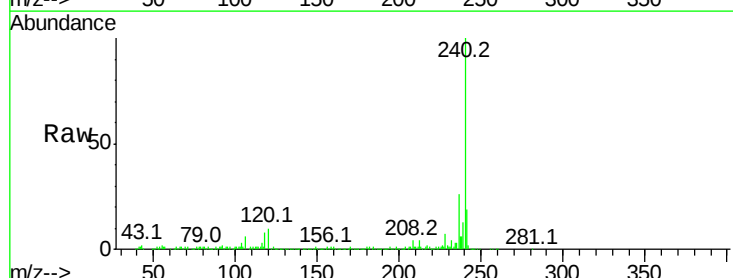
Manual Integrations
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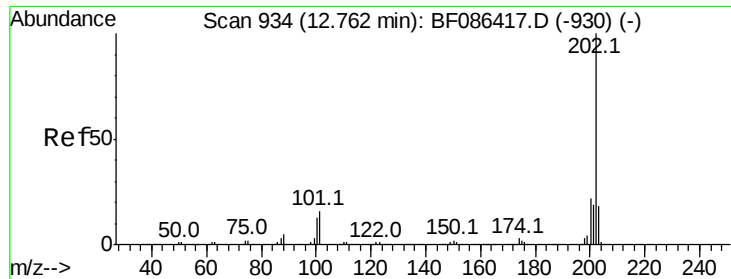
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.4	21.2	31.8





#77

Pvrene

Concen: 8.46 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Instrument :

BNA_F

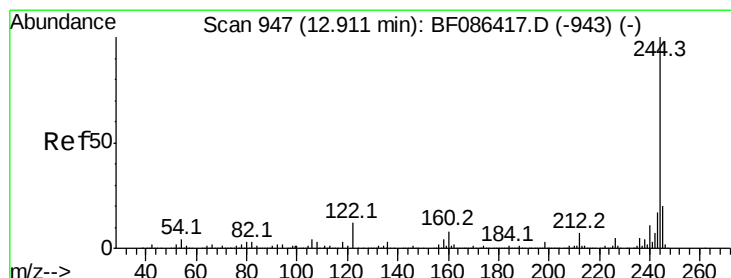
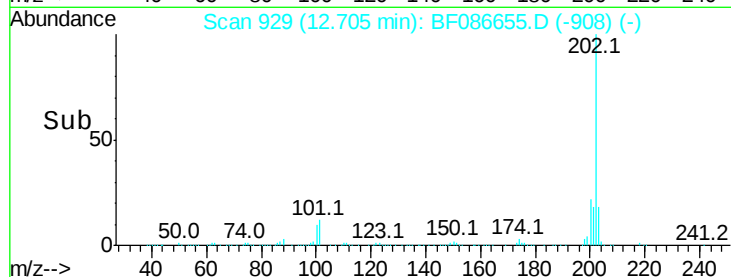
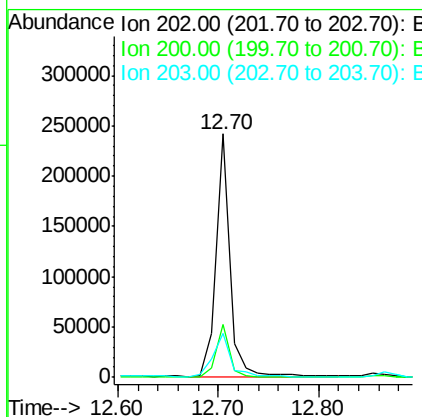
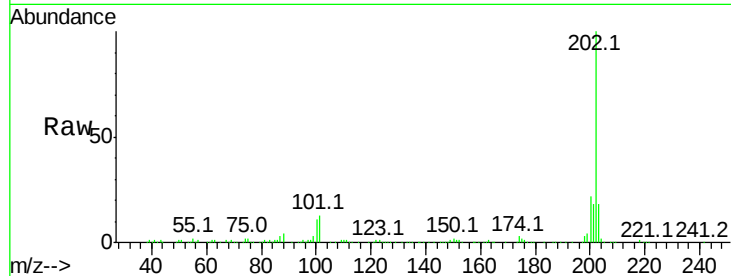
ClientSampleId :

26WARD-1B-CS-3(16-32FTBGS)

Tot Ion:	202	Resp:	233870
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	18.0	14.2	21.4

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#78

Terphenyl-d14

Concen: 59.45 ng

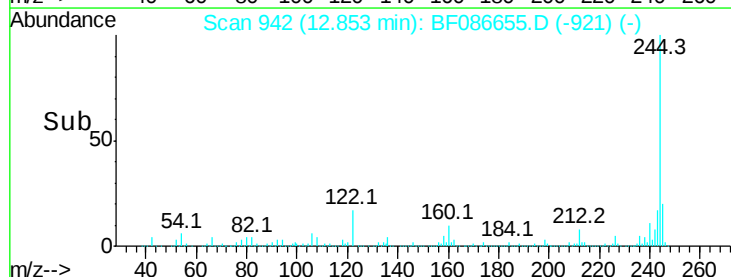
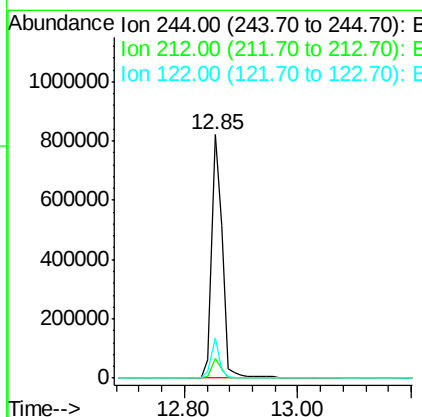
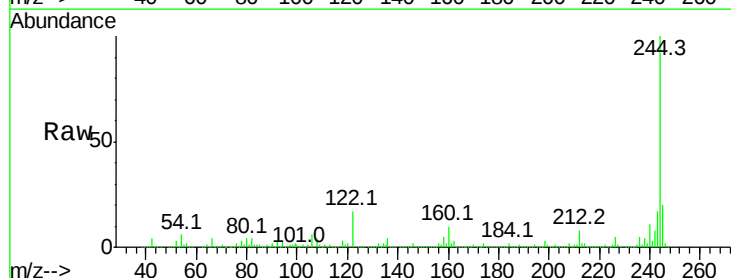
RT: 12.85 min Scan# 942

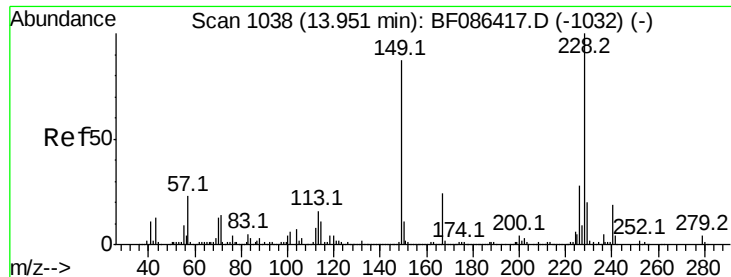
Delta R.T. -0.06 min

Lab File: BF086655.D

Acq: 3 May 2016 20:16

Tgt Ion:	244	Resp:	1034864
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.2	9.2
122	16.5	12.0	18.0





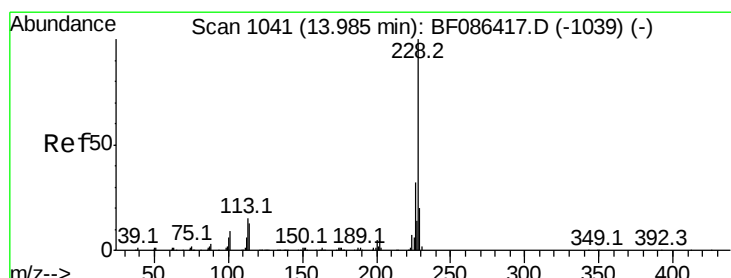
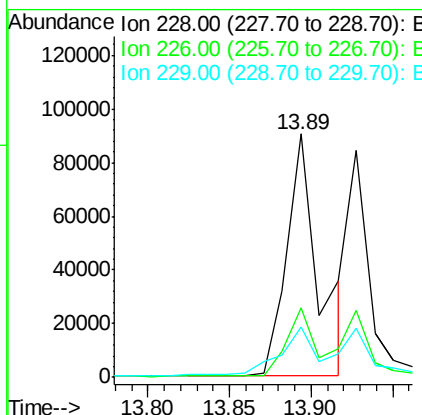
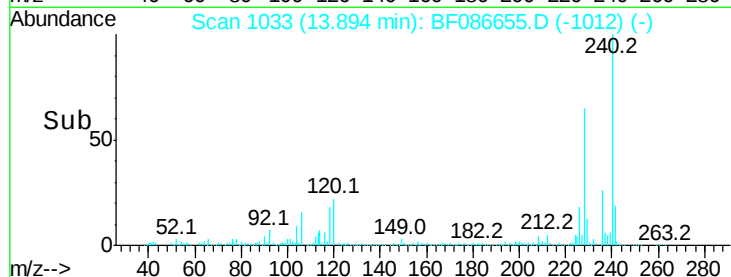
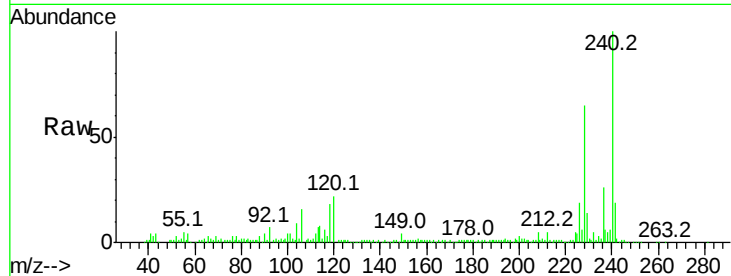
#80
Benzo(a)anthracene
Concen: 6.12 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.8	16.6	25.0

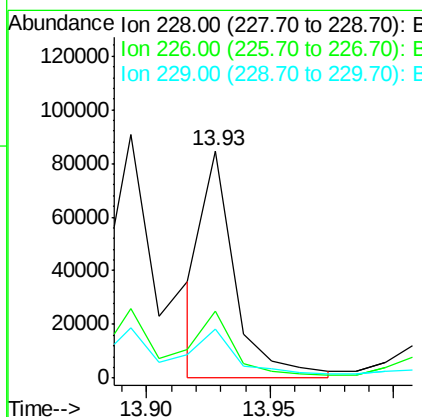
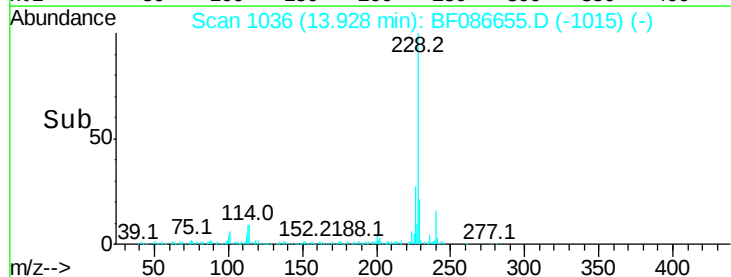
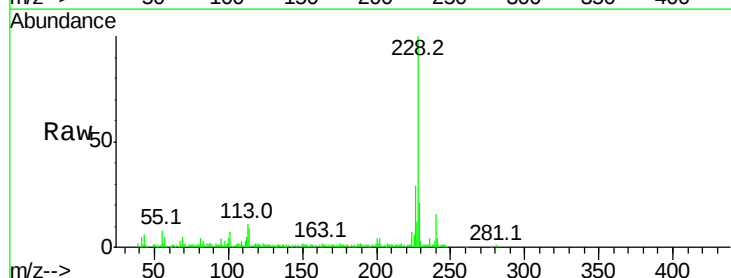
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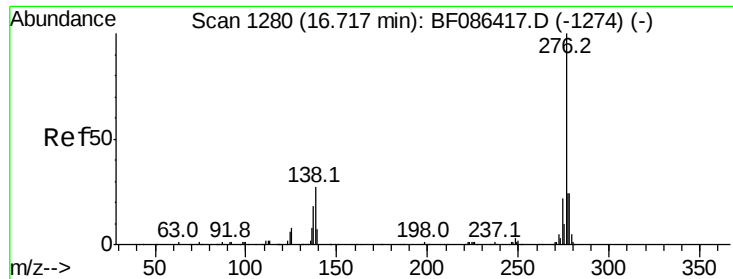
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#82
Chrysene
Concen: 3.52 ng m
RT: 13.93 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.4	36.6
229	21.4	15.8	23.8





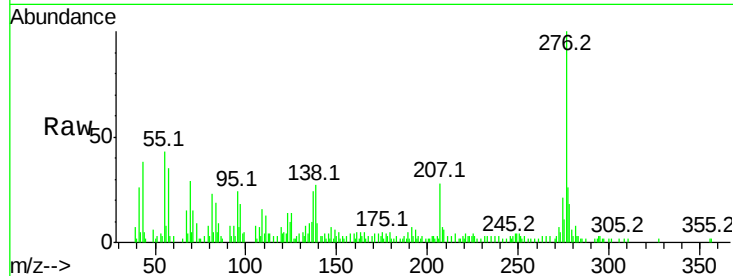
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.67 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. -0.10 min
 Lab File: BF086655.D
 Acq: 3 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-3(16-32FTBGS)

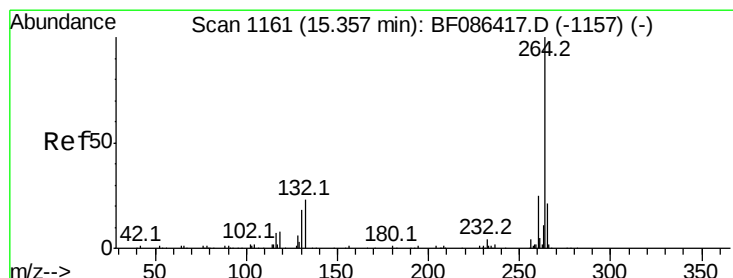
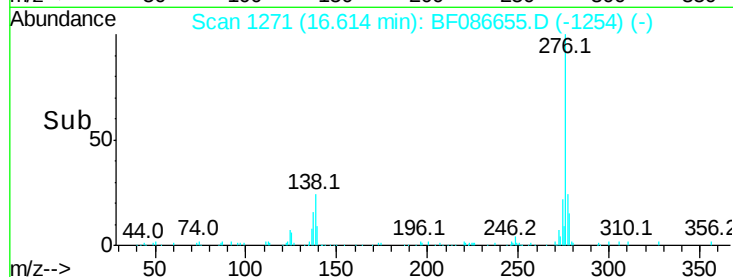
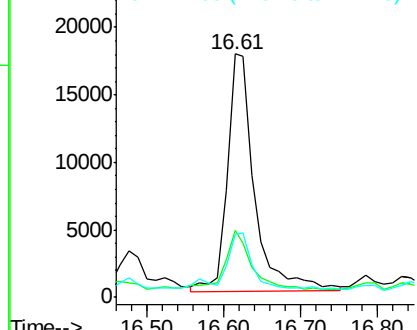
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.6	38.4#
277	23.1	20.5	30.7

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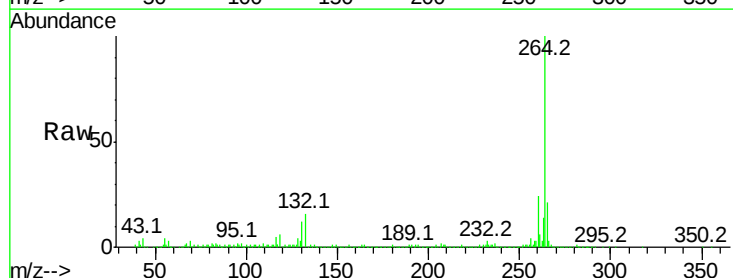


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

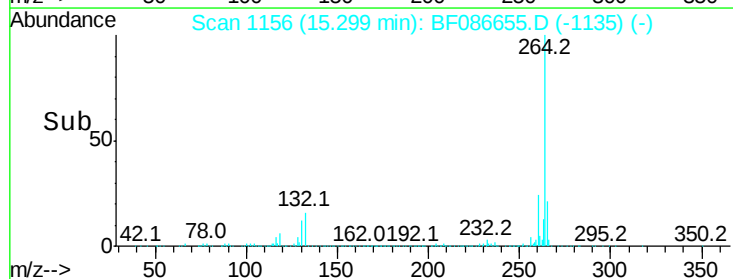
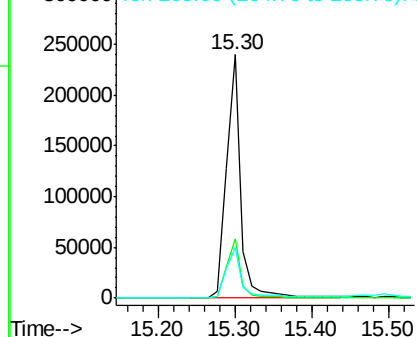


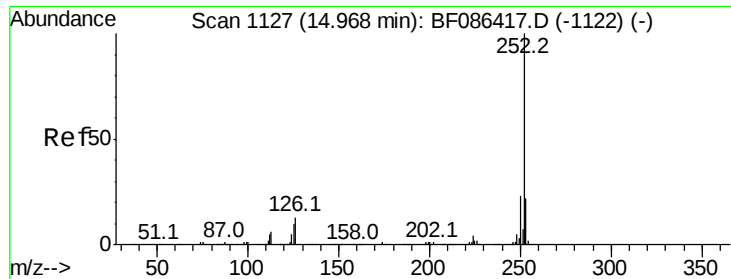
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086655.D
 Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.8	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





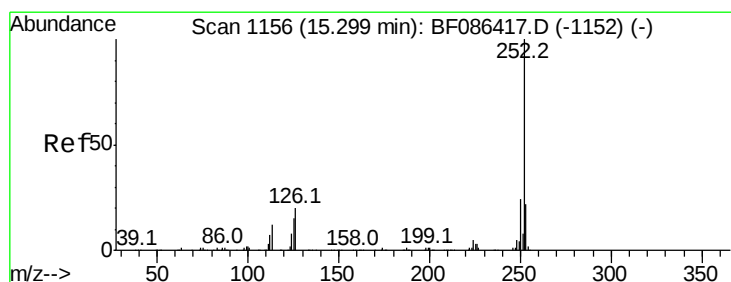
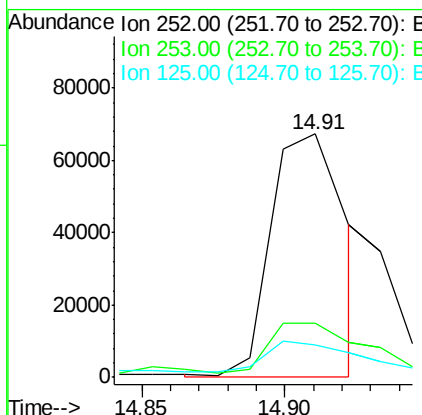
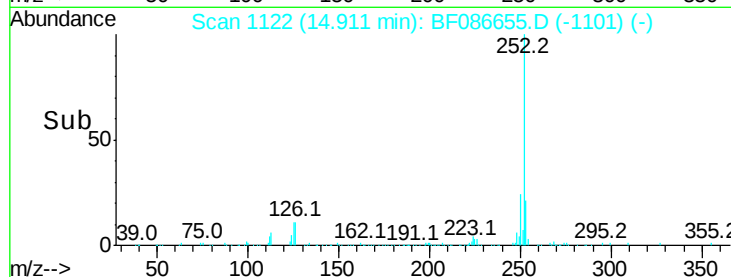
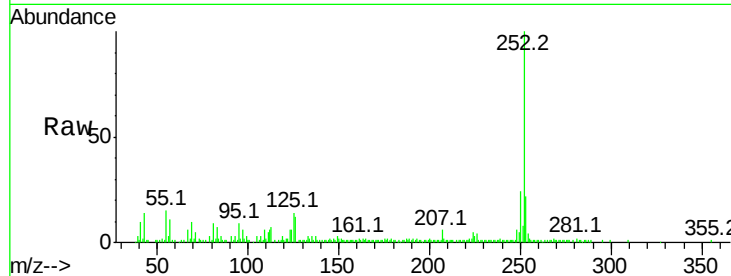
#87
Benzo(b)fluoranthene
Concen: 6.68 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.6	11.4	17.0

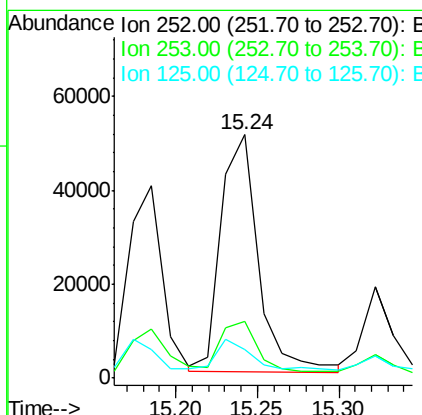
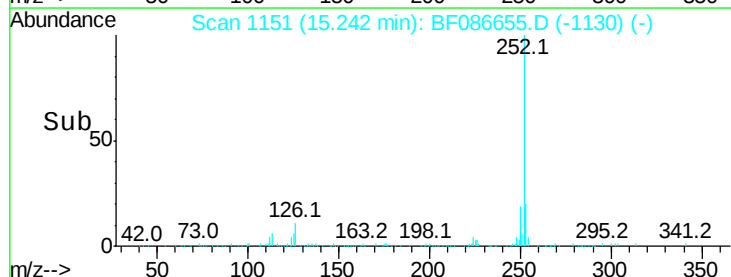
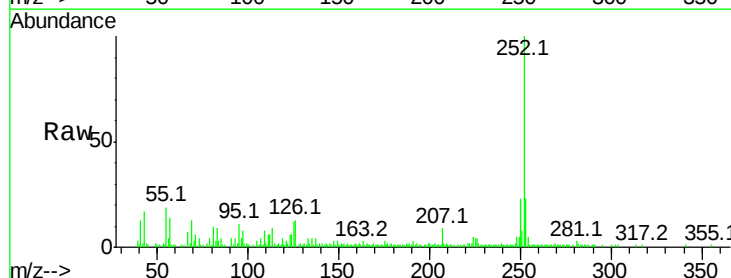
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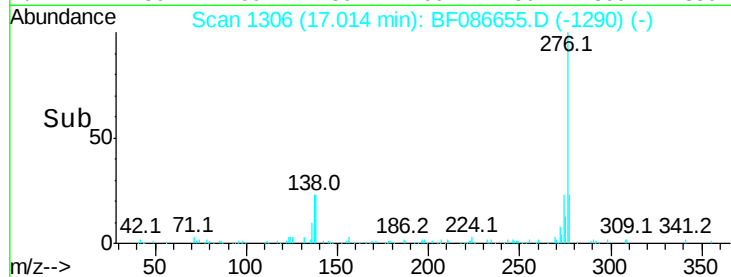
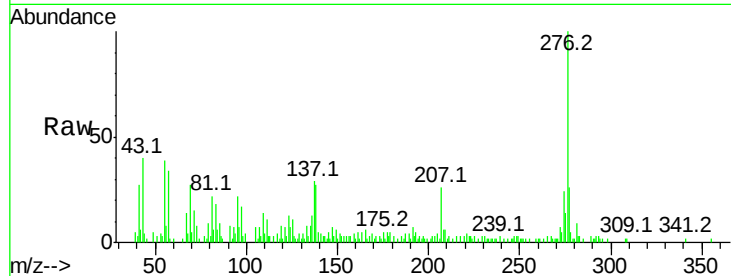
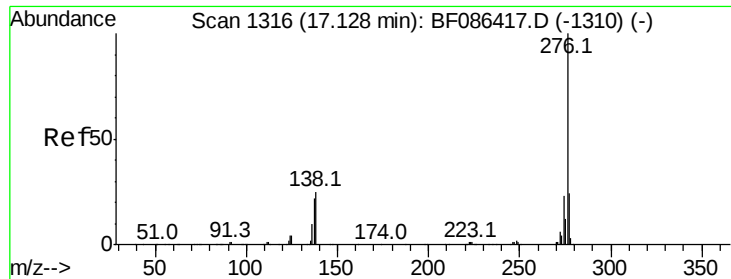
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#89
Benzo(a)pyrene
Concen: 4.68 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.7	9.0	13.6





#91
Benzo(a,h,i)perylene
Concen: 2.82 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.11 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.6	29.4
138	26.8	23.6	35.4

Manual Integrations
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