

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086647.D
 Acq On : 3 May 2016 16:28
 Operator : UM/SJ
 Sample : H2685-05 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

Manual Integrations
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Quant Time: May 04 03:55:40 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	167572	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	664133	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	296325	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	453650	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	333670	20.00	ng	-0.06
86) Perylene-d12	15.30	264	313389	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	702599	72.32	ng	-0.06
7) Phenol-d6	6.38	99	984720	72.62	ng	-0.06
23) Nitrobenzene-d5	7.32	82	630704	51.19	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	189293	60.57	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	952891	50.67	ng	-0.06
78) Terphenyl-d14	12.85	244	609543	40.25	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	157218	7.05	ng	98
70) Phenanthrene	11.29	178	58812	2.47	ng	99
74) Fluoranthene	12.48	202	103598	4.31	ng	96
77) Pyrene	12.71	202	92099	3.83	ng	99
80) Benzo(a)anthracene	13.89	228	55549	3.12	ng	95
87) Benzo(b)fluoranthene	14.90	252	66201m	3.59	ng	
89) Benzo(a)pyrene	15.23	252	36575	2.10	ng	# 84

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

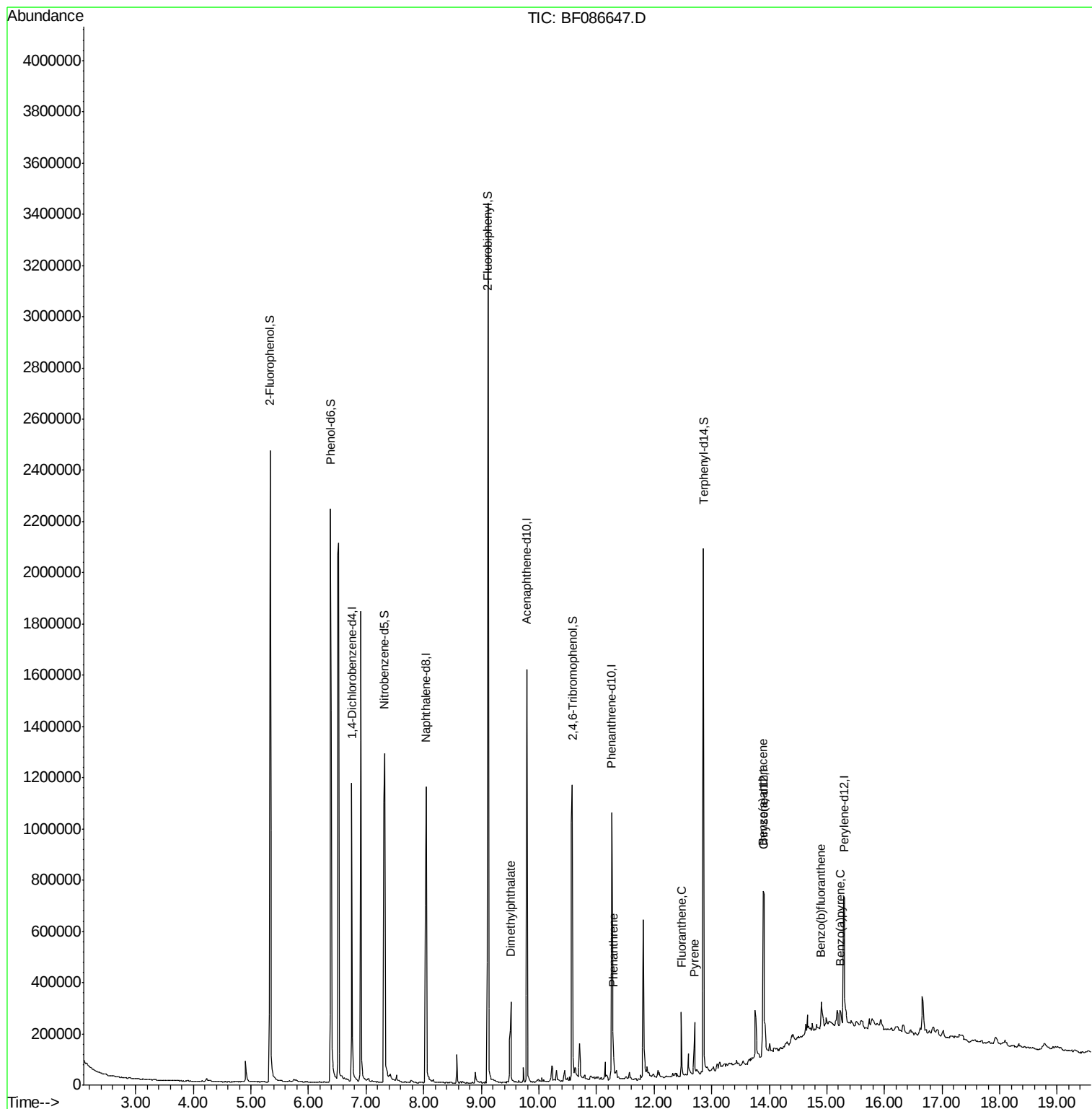
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
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ALS Vial : 37 Sample Multiplier: 1

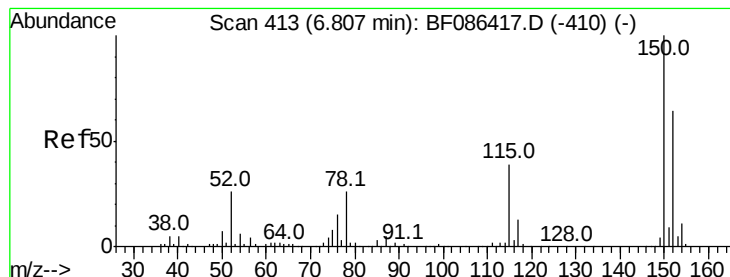
Instrument :
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26WARD-2B-CS-2(0-10FTBGS)

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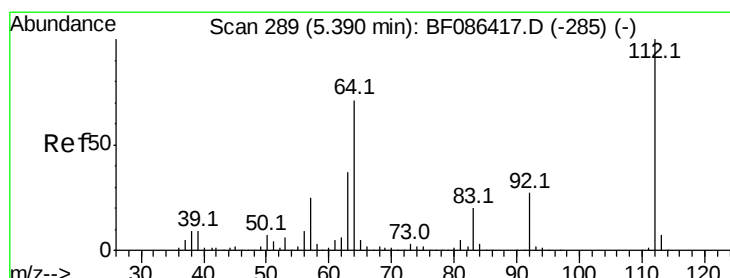
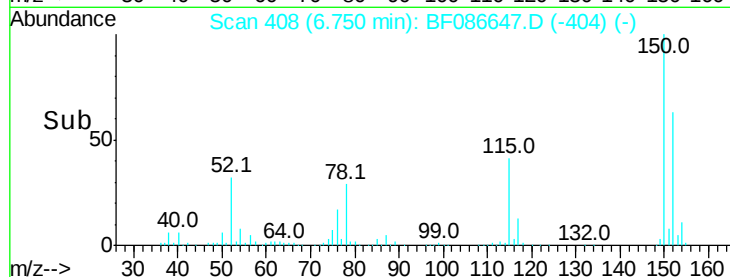
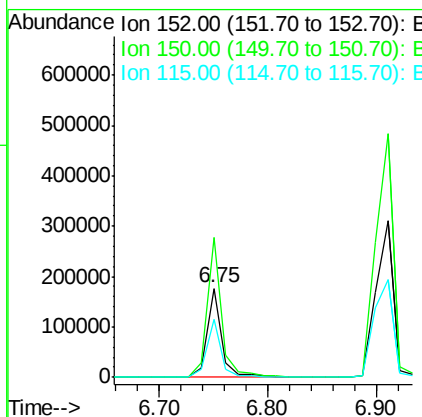
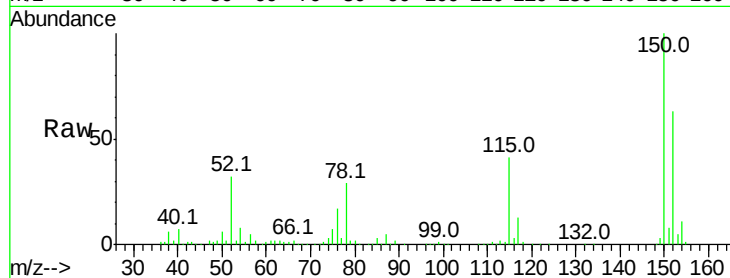
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.6
115	64.7	51.5	77.3

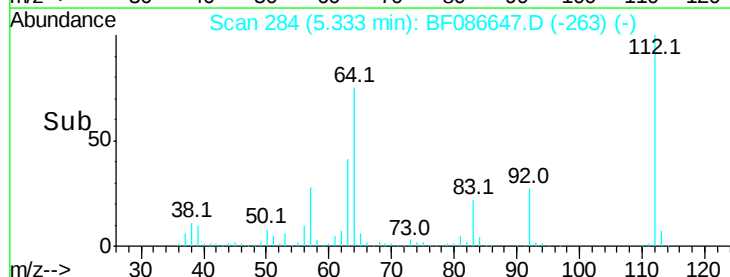
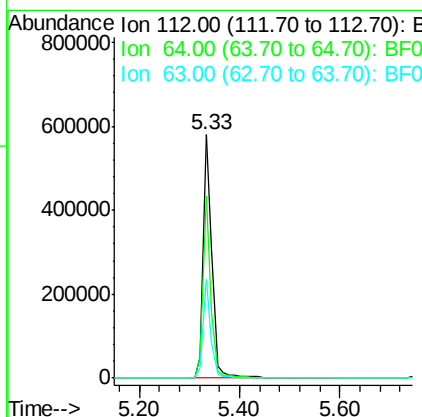
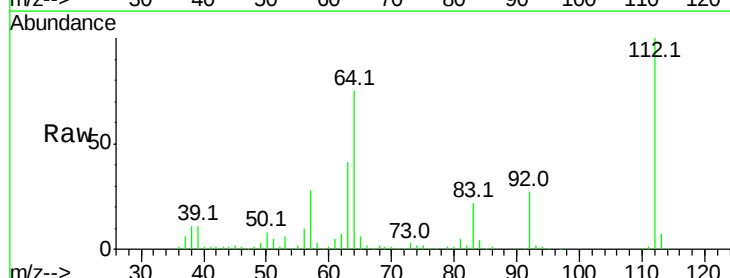
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#5
 2-Fluorophenol
 Concen: 72.32 ng
 RT: 5.33 min Scan# 284
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	52.1	78.1
63	40.7	25.7	38.5





#7

Phenol-d6

Concen: 72.62 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Instrument :

BNA_F

ClientSampleId :

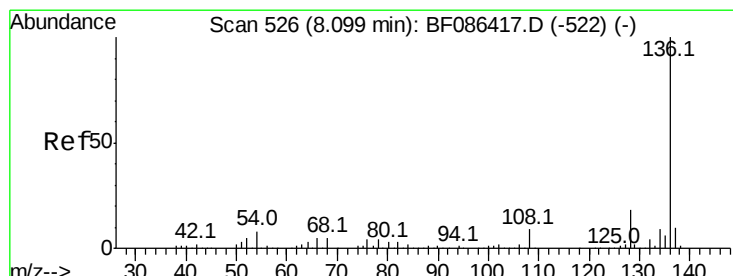
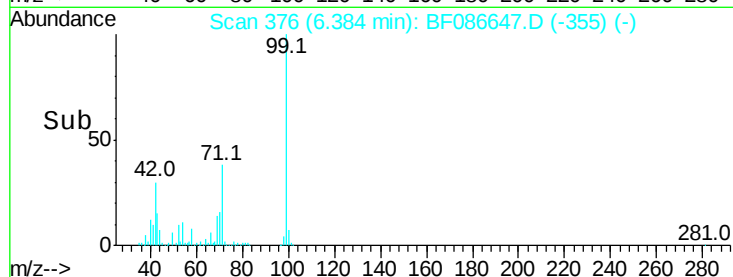
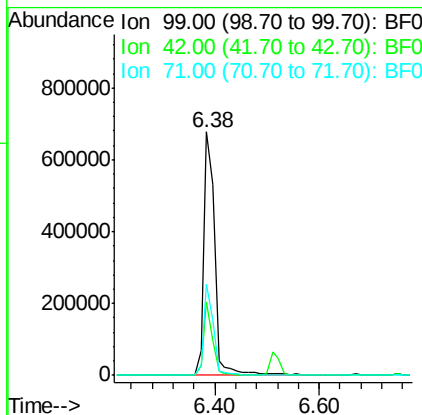
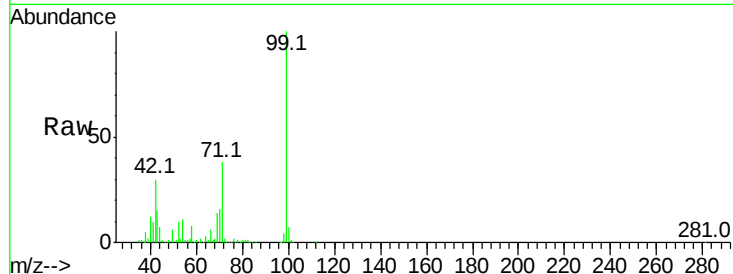
26WARD-2B-CS-2(0-10FTBGS)

Tot Ion: 99 Resp: 984720

Ion	Ratio	Lower	Upper
99	100		
42	30.2	13.6	20.4#
71	37.5	24.6	36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

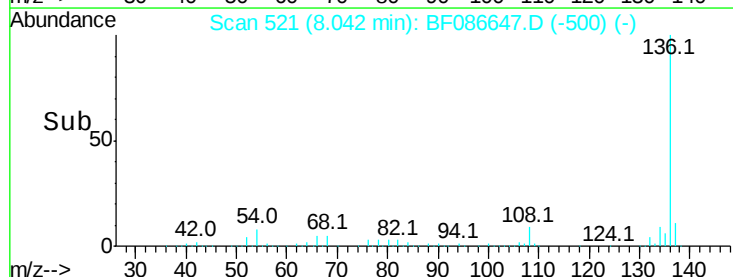
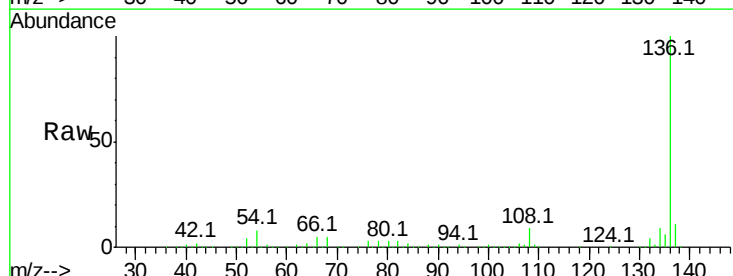
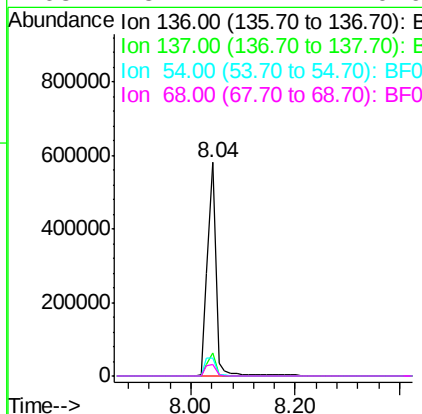
Delta R.T. -0.06 min

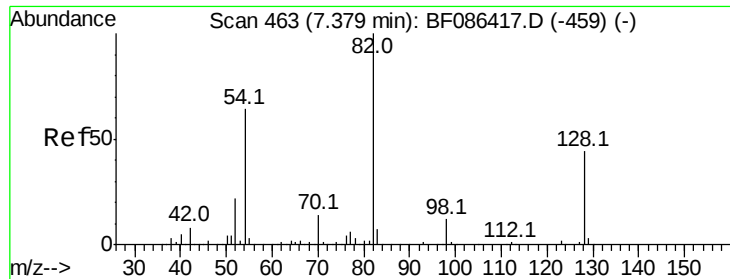
Lab File: BF086647.D

Acq: 3 May 2016 16:28

Tgt Ion: 136 Resp: 664133

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	5.0	7.4#
68	5.2	4.4	6.6





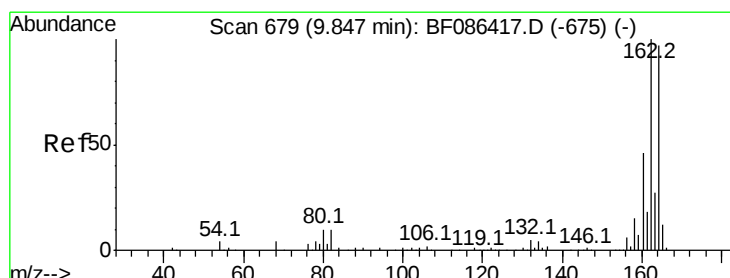
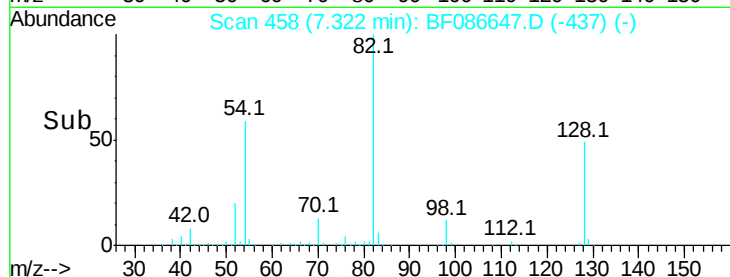
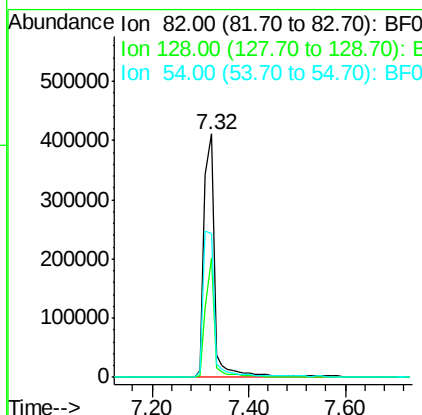
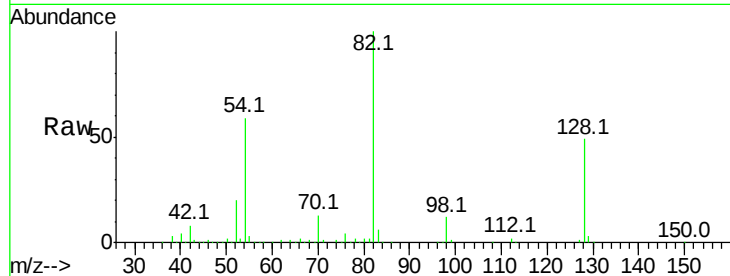
#23
Nitrobenzene-d5
Concen: 51.19 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	630704		
128	49.3		40.6	61.0
54	59.3		38.1	57.1#

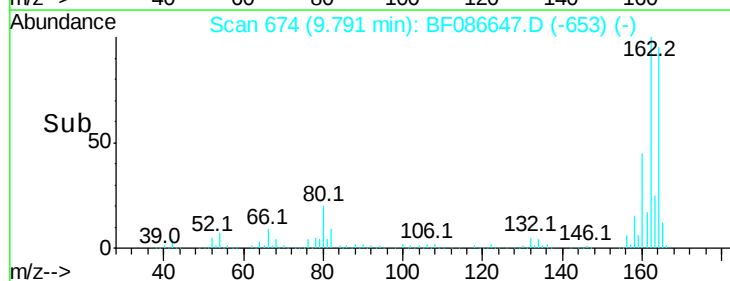
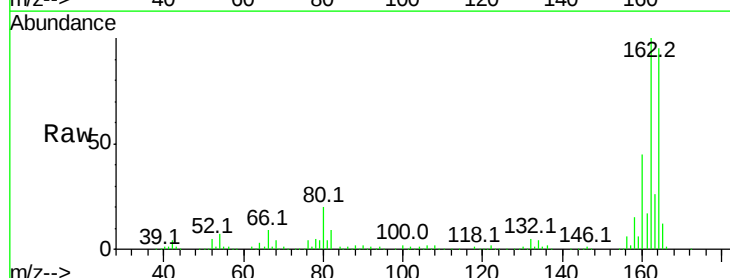
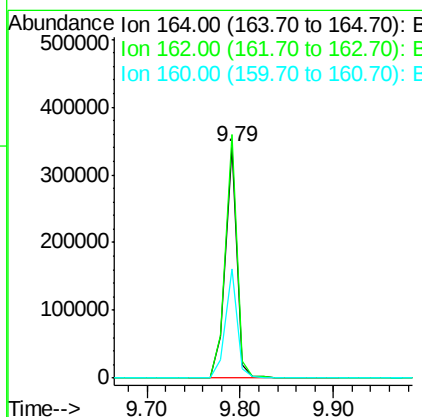
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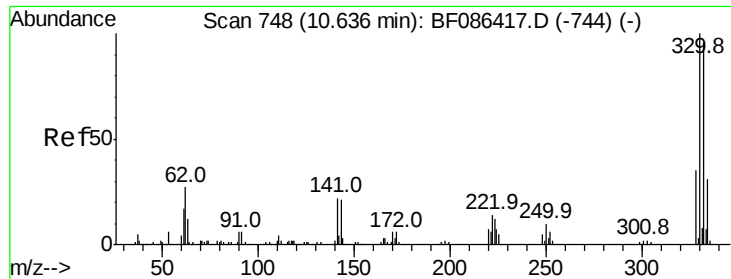
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296325		
162	105.4		82.8	124.2
160	47.3		36.9	55.3





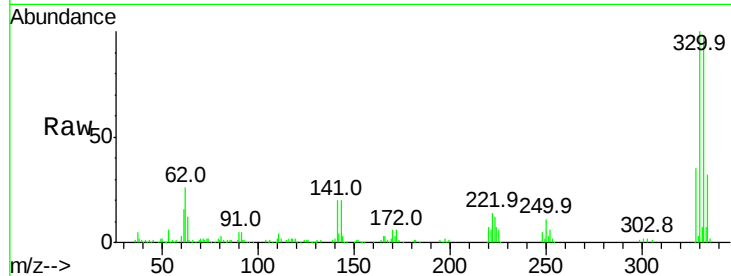
#41
 2,4,6-Tribromophenol
 Concen: 60.57 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

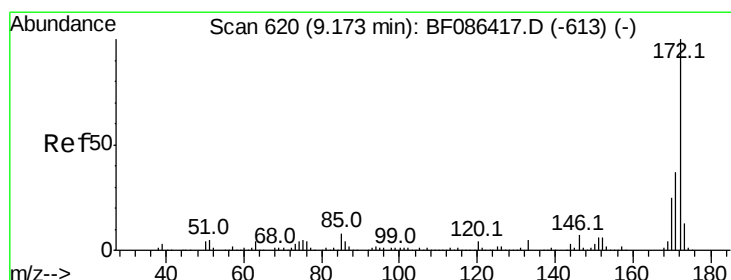
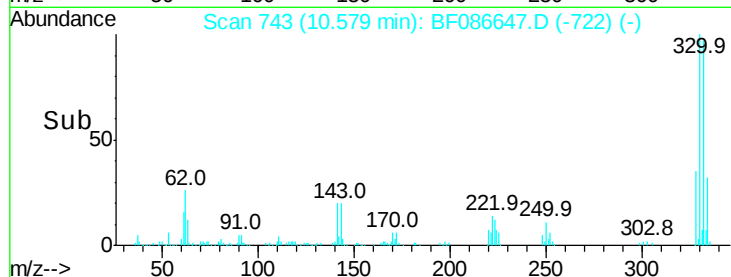
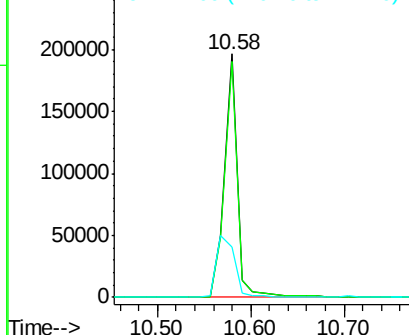
Tot Ion	Ratio	Resp	Lower	Upper
330	100	189293		
332	97.3	79.0	118.4	
141	36.4	31.2	46.8	

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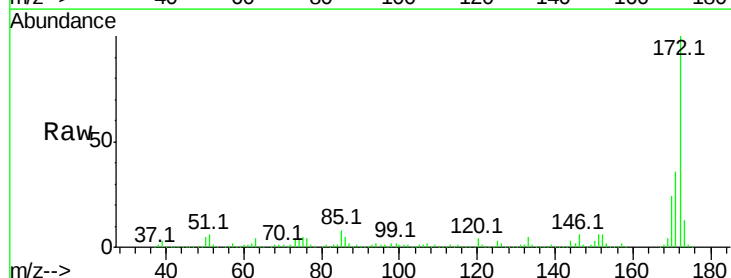


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

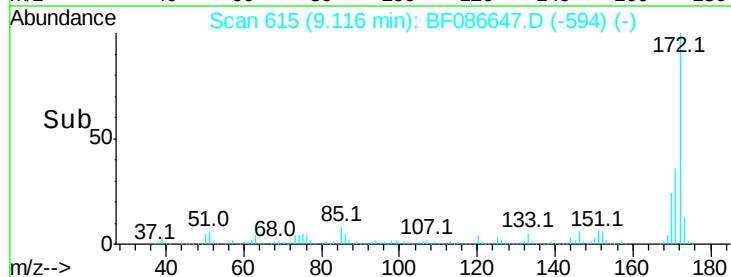
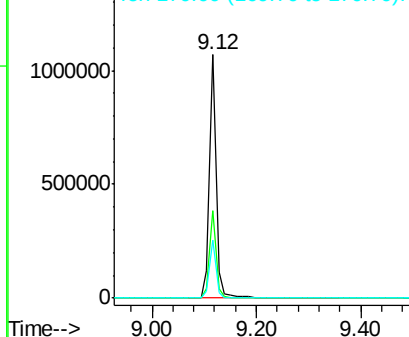


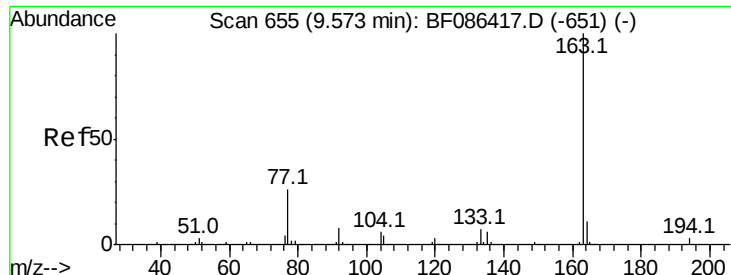
#44
 2-Fluorobiphenyl
 Concen: 50.67 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	952891		
171	36.1	29.0	43.6	
170	24.0	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





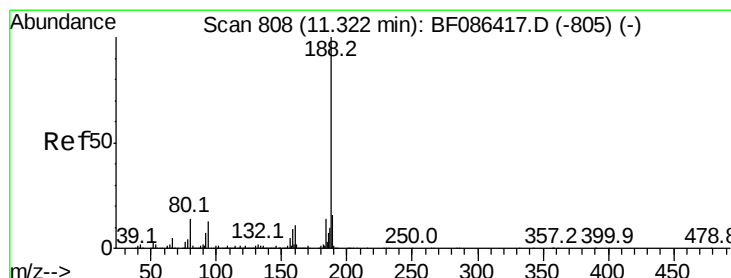
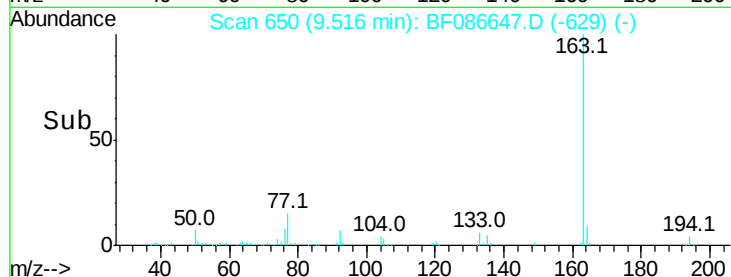
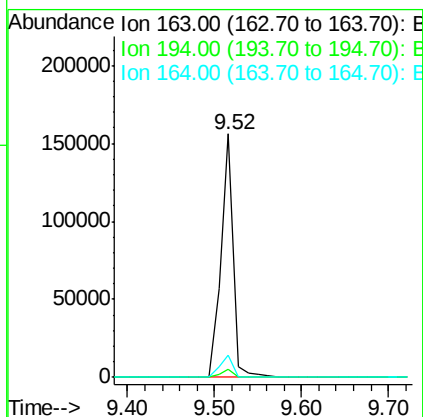
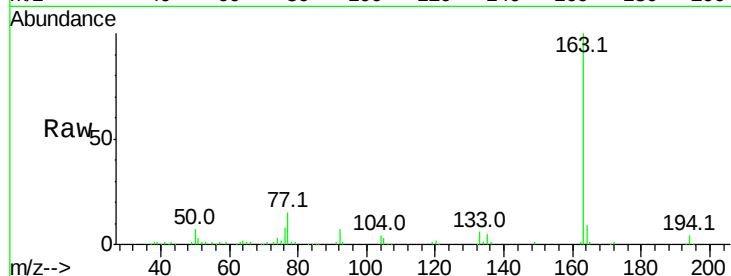
#49
Dimethylphthalate
Concen: 7.05 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	157218		
194	3.5	2.6	4.0	
164	9.3	8.2	12.4	

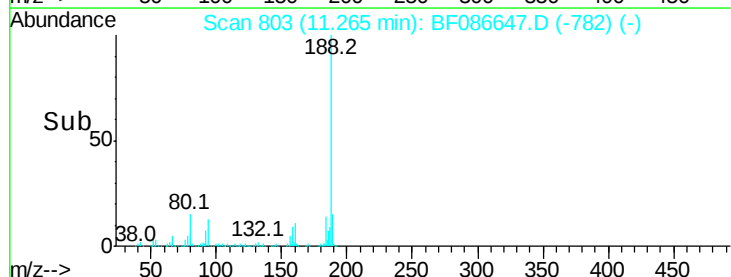
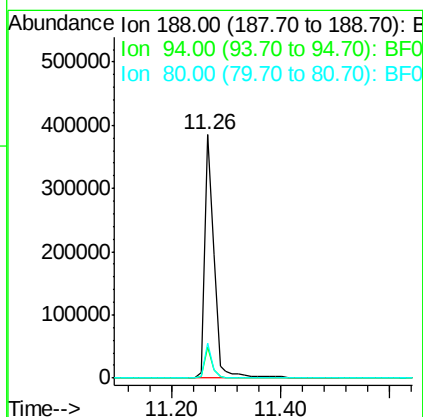
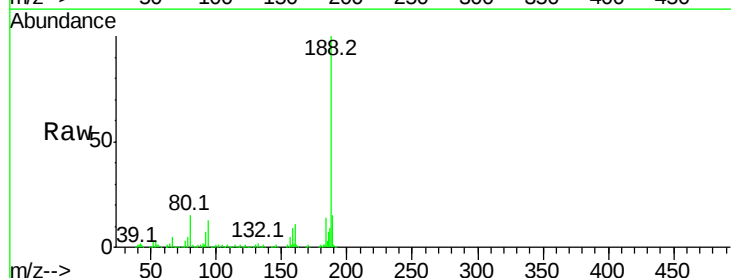
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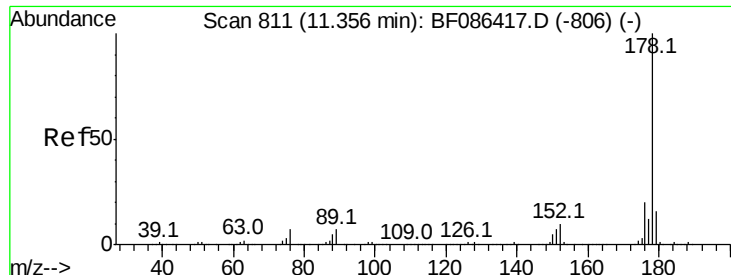
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	453650		
94	12.7	6.8	10.2#	
80	14.5	7.1	10.7#	





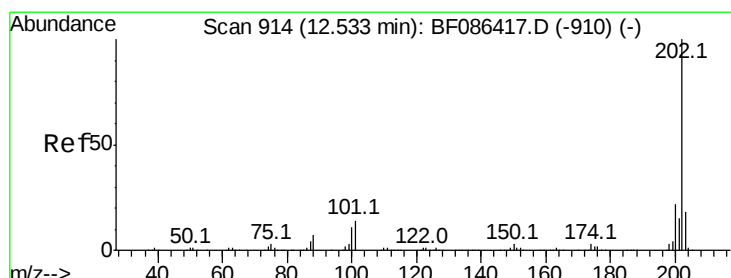
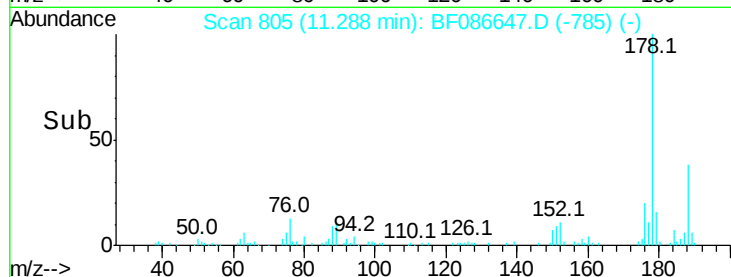
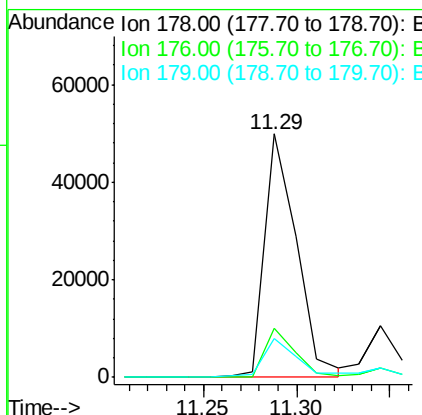
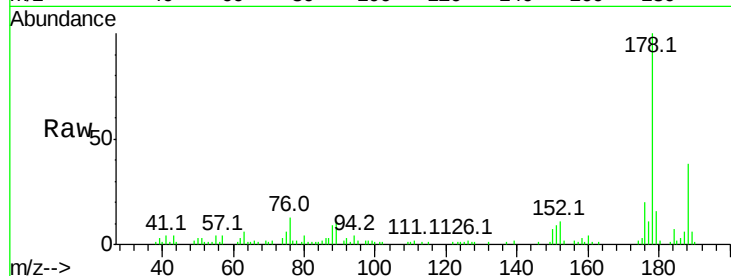
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.07 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	12.6	18.8

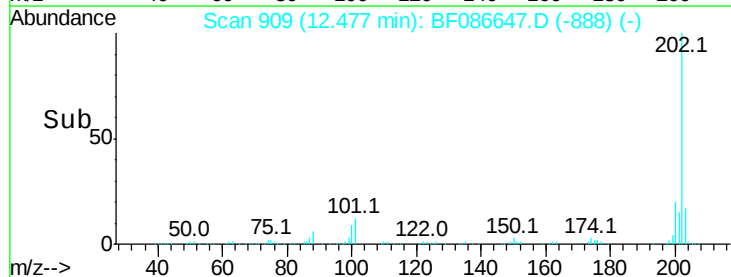
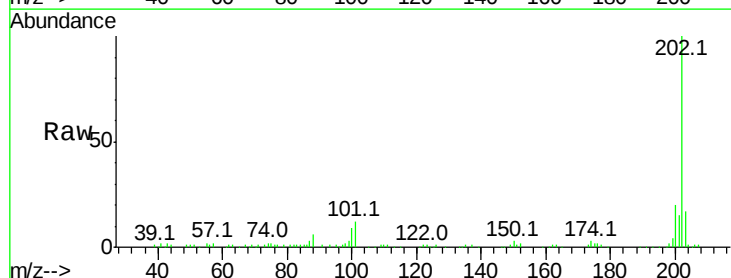
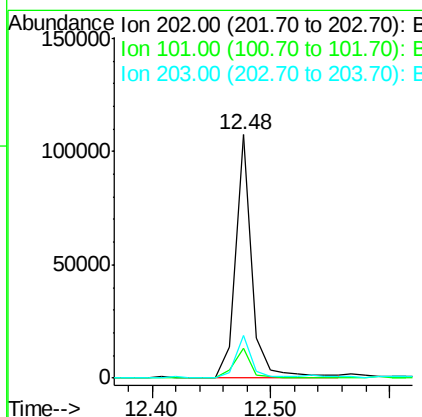
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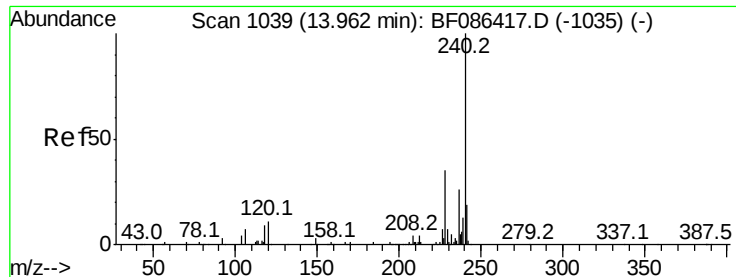
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#74
Fluoranthene
Concen: 4.31 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	35.4
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Instrument :

BNA_F

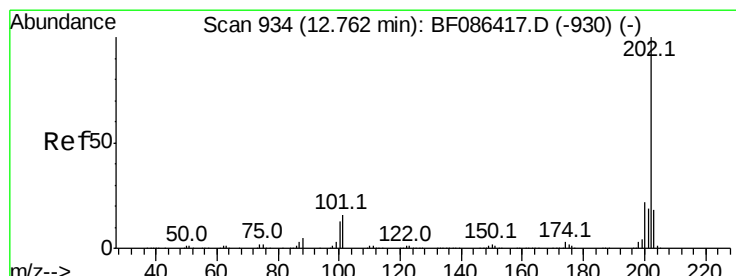
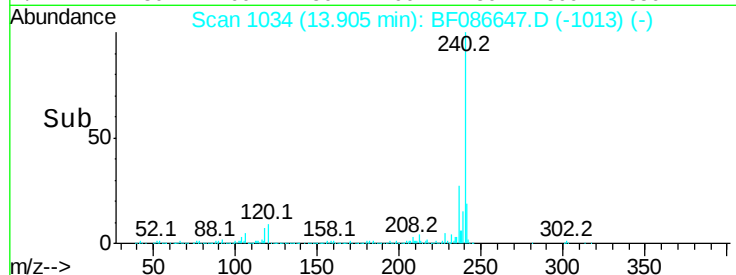
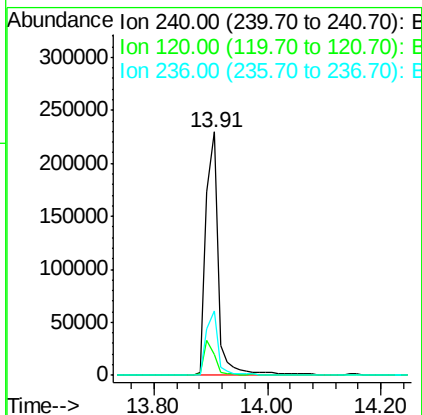
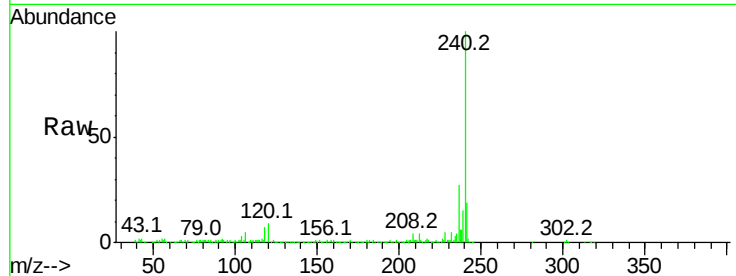
ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

Tot Ion:	240	Resp:	333670
Ion Ratio	Lower	Upper	
240	100		
120	8.6	11.2	16.8#
236	26.6	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 3.83 ng

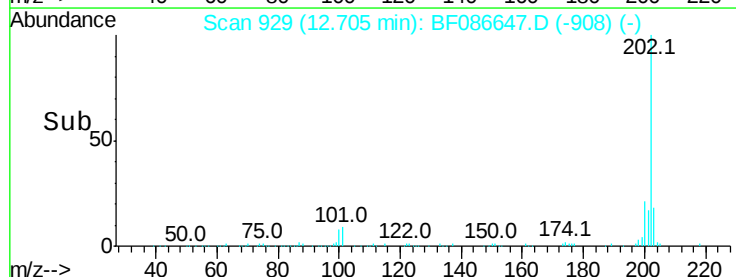
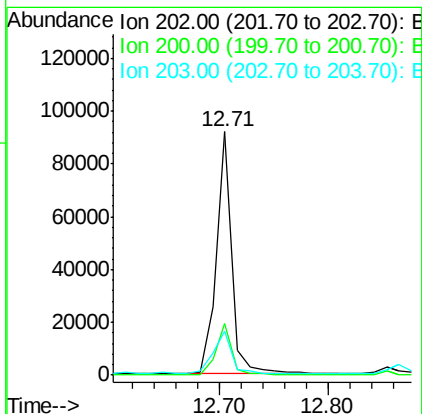
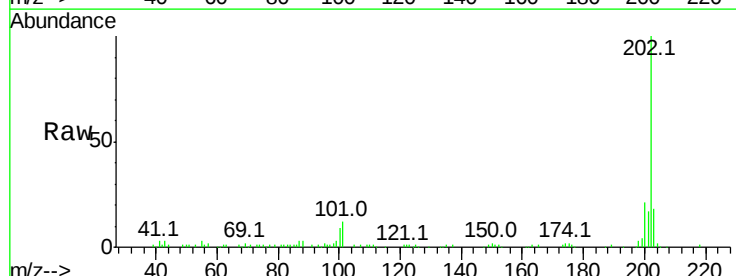
RT: 12.71 min Scan# 929

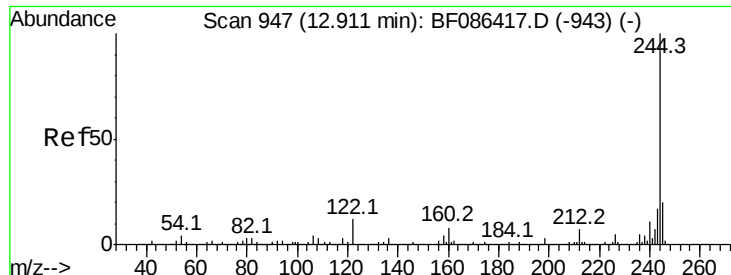
Delta R.T. -0.06 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Tgt Ion:	202	Resp:	92099
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	18.0	14.2	21.4





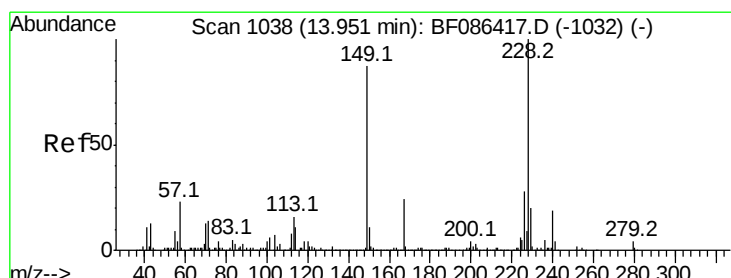
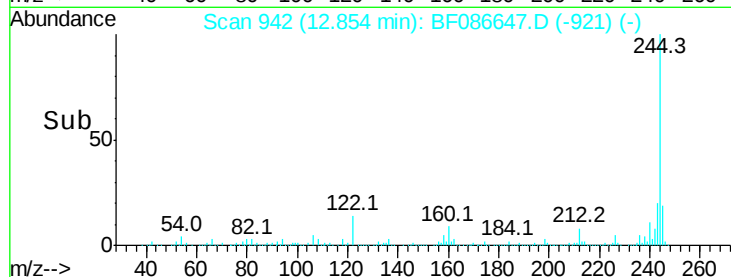
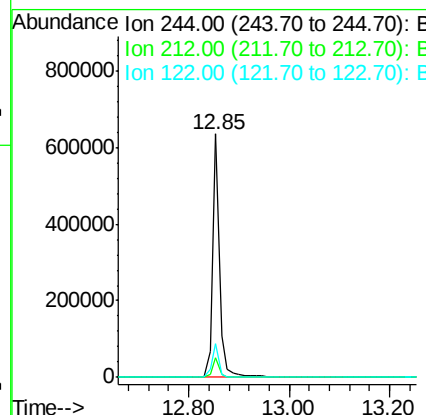
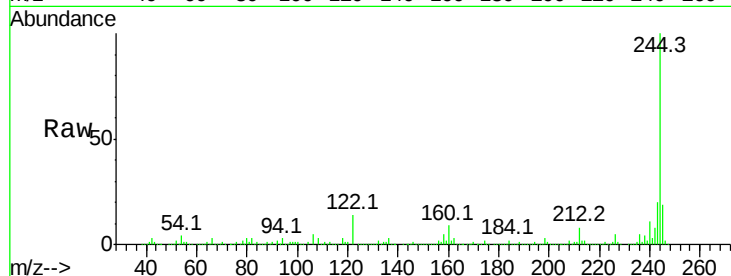
#78
 Terphenyl-d14
 Concen: 40.25 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	12.0	18.0

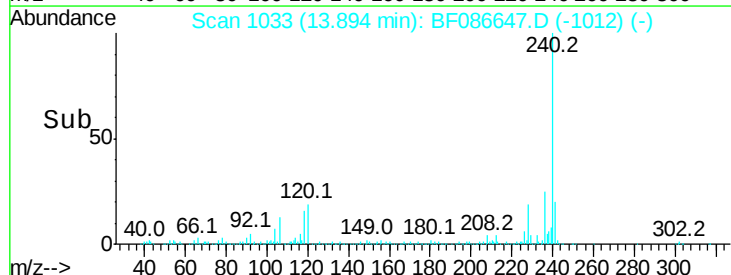
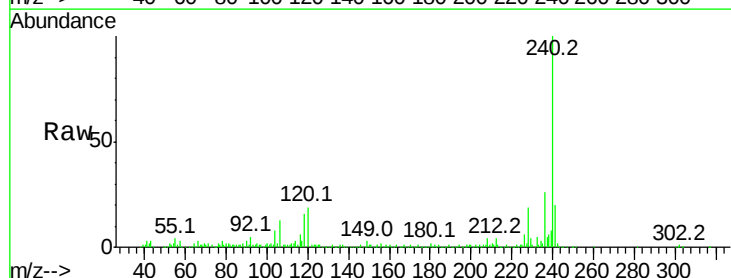
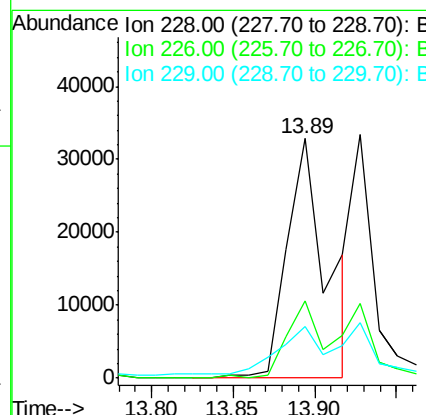
Manual Integrations
 APPROVED

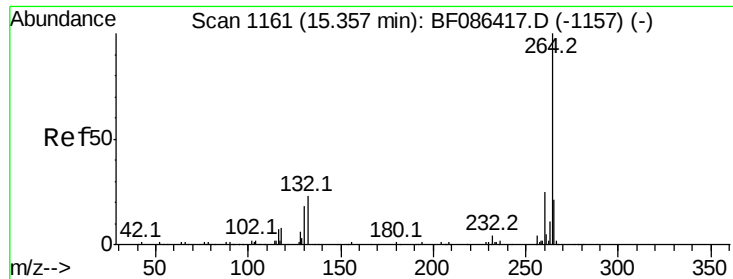
sohil
 5/4/2016 6:52:44 PM



#80
 Benzo(a)anthracene
 Concen: 3.12 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF086647.D
 Acq: 3 May 2016 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.5	33.7
229	21.8	16.6	25.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Instrument :

BNA_F

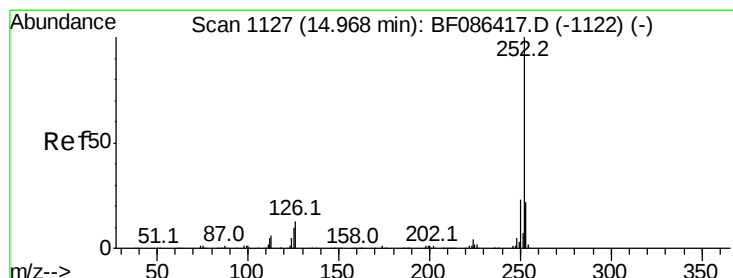
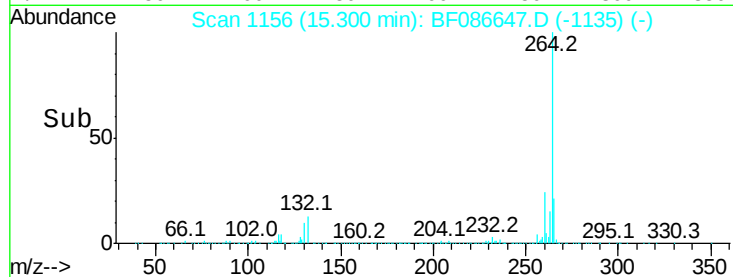
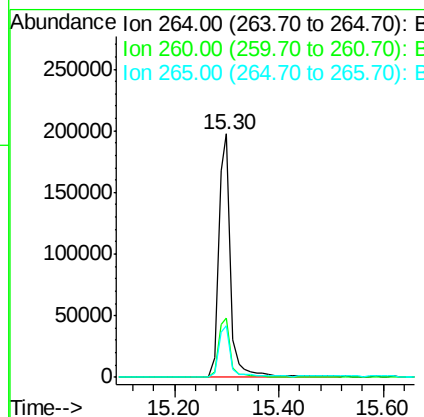
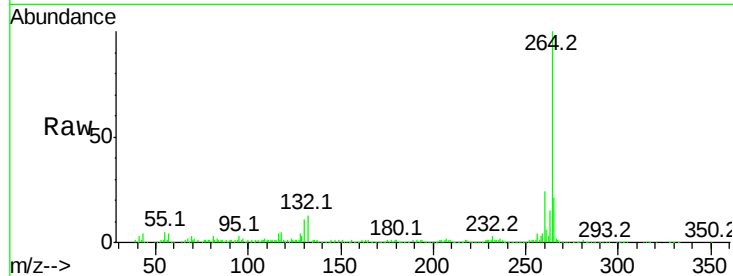
ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

Tot Ion:	264	Resp:	313389
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.3	25.9

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 3.59 ng m

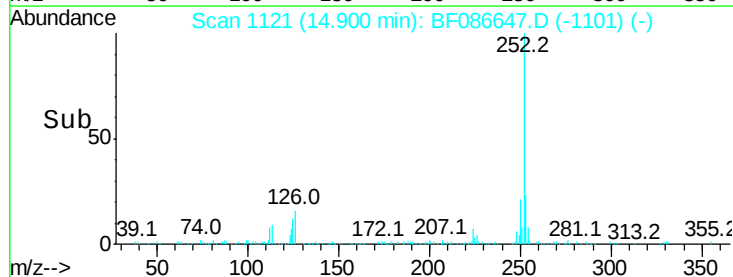
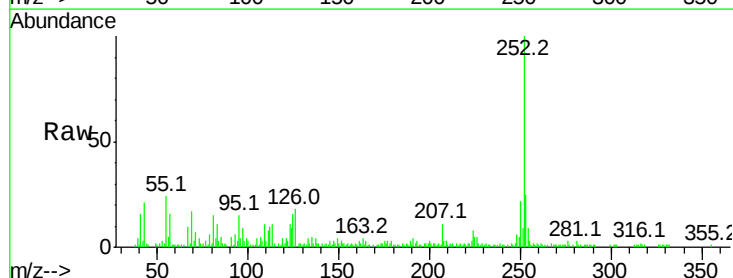
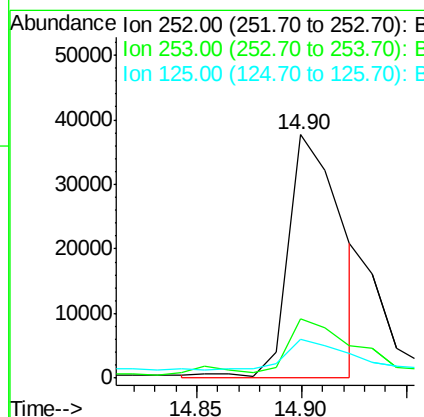
RT: 14.90 min Scan# 1121

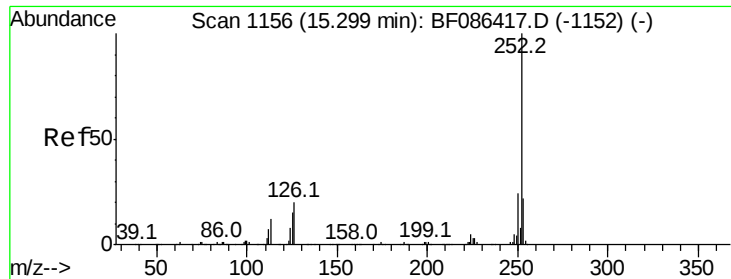
Delta R.T. -0.07 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Tgt Ion:	252	Resp:	66201
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.8	26.6
125	16.0	11.4	17.0





#89

Benzo(a)pyrene

Concen: 2.10 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.07 min

Lab File: BF086647.D

Acq: 3 May 2016 16:28

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

Tot Ion:	252	Resp:	36575
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.2	25.8#
125	20.7	9.0	13.6#

Manual Integrations
APPROVED

sohil
5/4/2016 6:52:44 PM

