

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096667.D
 Acq On : 12 Jul 2017 2:50
 Operator : SJ/JU
 Sample : I4130-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

Manual Integrations
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Quant Time: Jul 12 04:44:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68756	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	149623	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	50243	20.00	ng	0.03
63) Phenanthrene-d10	11.23	188	112260	20.00	ng	0.02
75) Chrysene-d12	13.84	240	139208	20.00	ng	0.00
86) Perylene-d12	15.24	264	177724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	622282	133.58	ng	-0.02
7) Phenol-d6	6.33	99	700853	122.38	ng	-0.02
23) Nitrobenzene-d5	7.26	82	333122	133.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	68674	174.98	ng	0.02
44) 2-Fluorobiphenyl	9.08	172	289273	98.44	ng	0.02
78) Terphenyl-d14	12.80	244	316961	48.65	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.73	142	199898	44.458	ng	# 84
70) Phenanthrene	11.25	178	55466	9.140	ng	# 67
74) Fluoranthene	12.44	202	32533	5.468	ng	# 80
77) Pyrene	12.66	202	35171	3.148	ng	# 84
80) Benzo(a)anthracene	13.84	228	16842m	2.089	ng	
82) Chrysene	13.87	228	20955	2.482	ng	# 59

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

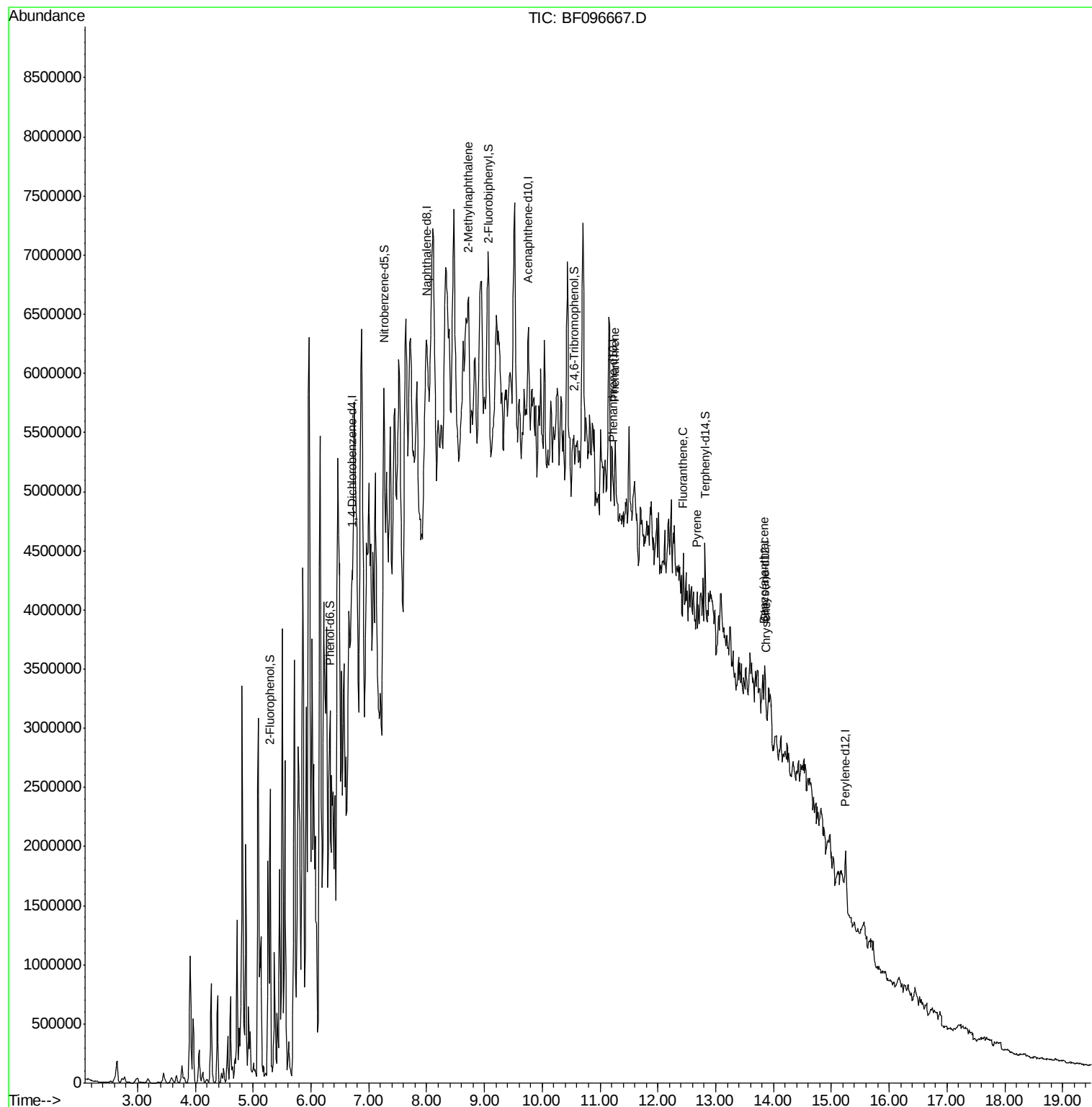
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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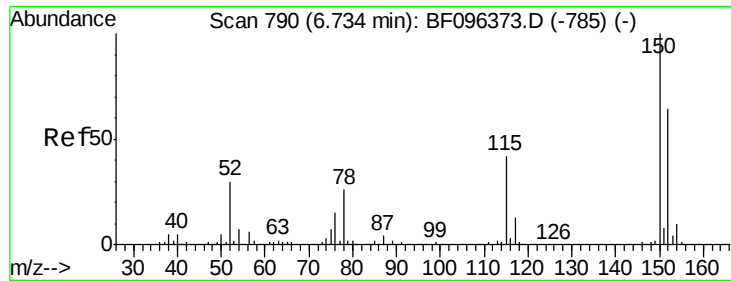
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

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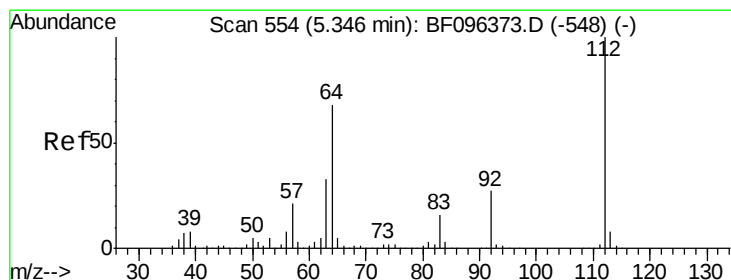
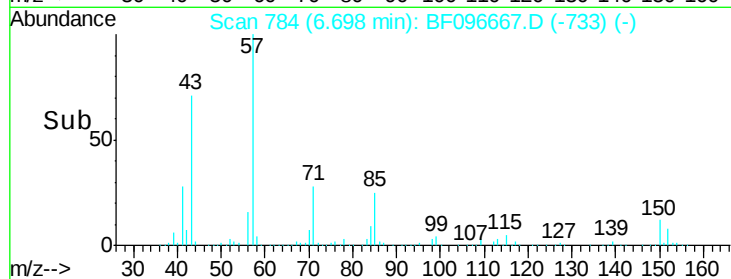
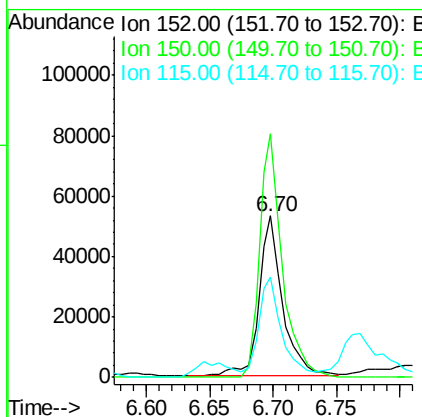
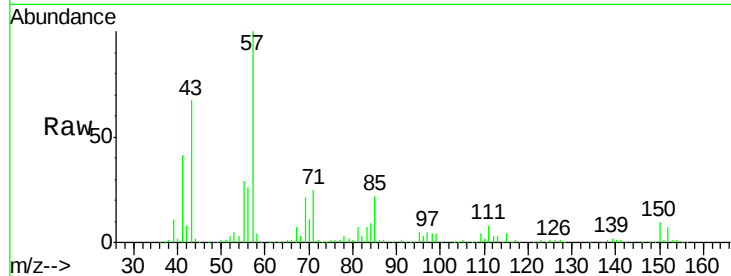
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.2	189.2
115	61.9	52.2	78.2

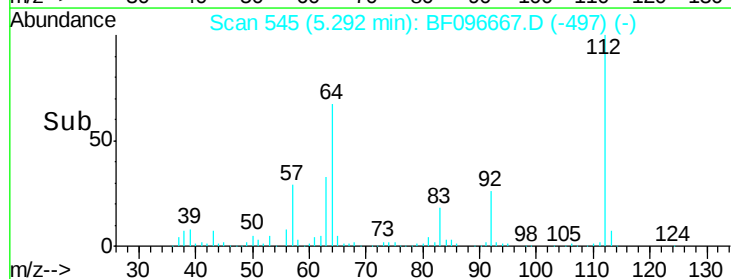
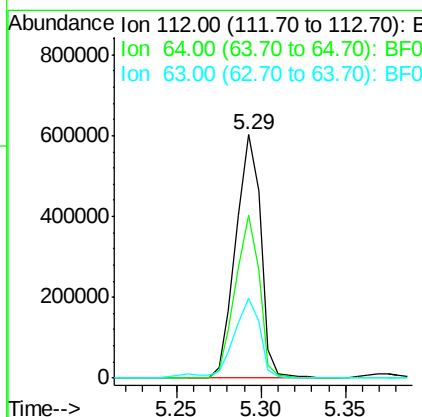
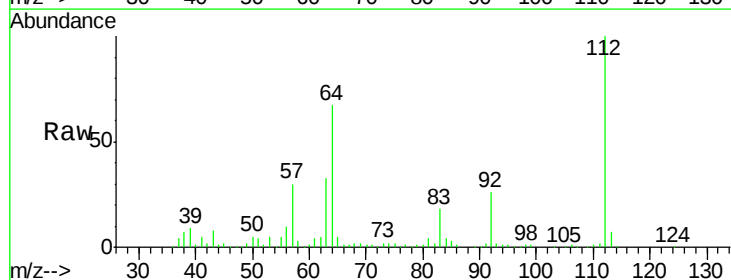
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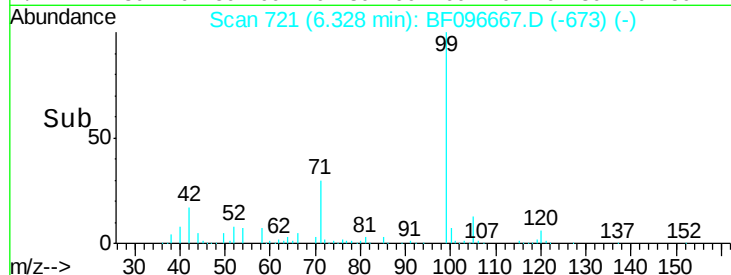
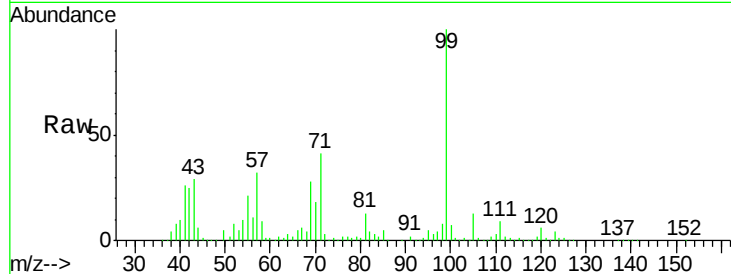
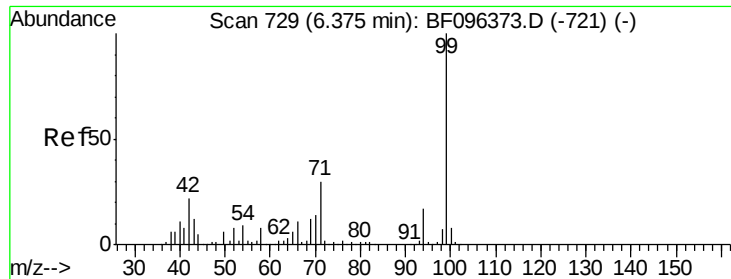
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#5
 2-Fluorophenol
 Concen: 133.584 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	32.9	23.4	35.0





#7

Phenol-d6

Concen: 122.380 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

Tgt Ion: 99 Resp: 700853
Ion Ratio Lower Upper

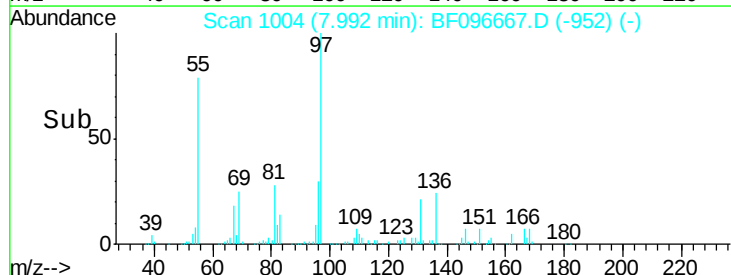
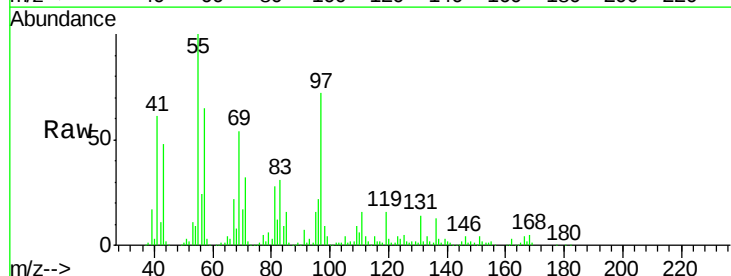
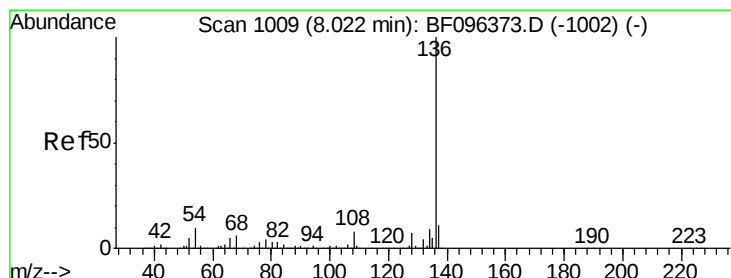
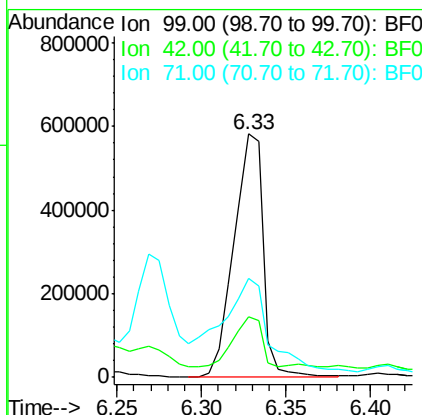
99 100

42 24.9 13.5 20.3#

71 40.6 24.5 36.7#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

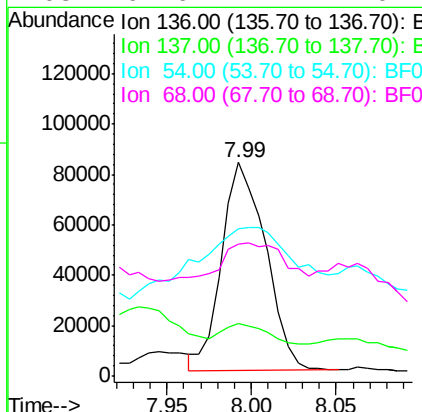
Tgt Ion: 136 Resp: 149623
Ion Ratio Lower Upper

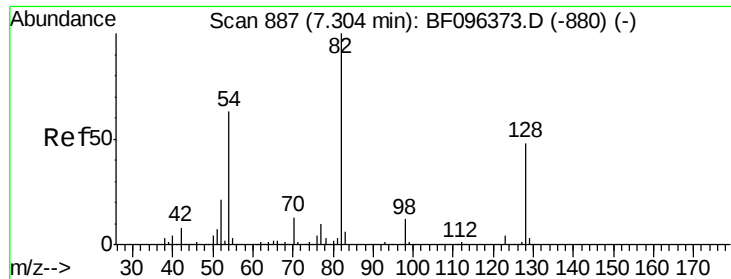
136 100

137 24.5 8.5 12.7#

54 68.8 4.9 7.3#

68 61.6 4.1 6.1#





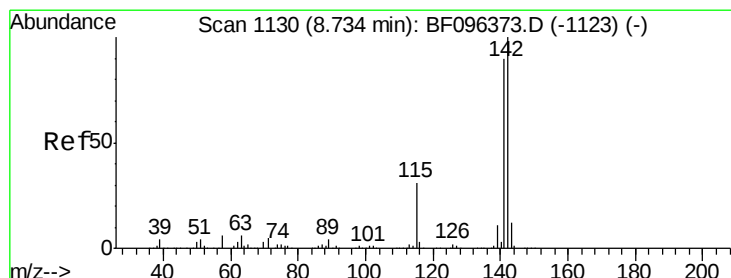
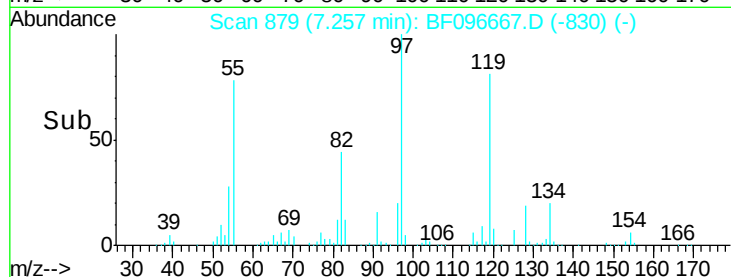
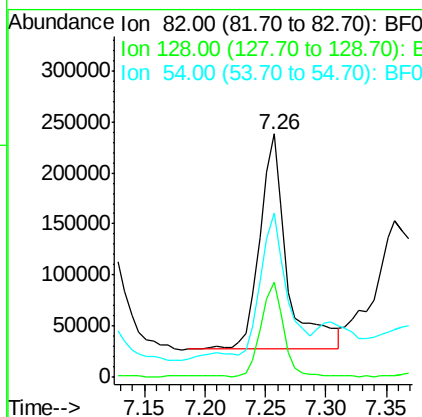
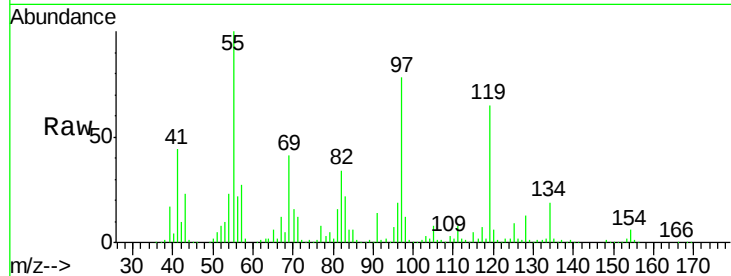
#23
 Nitrobenzene-d5
 Concen: 133.787 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Instrument :
 BNA_F
 ClientSampled :
 E2-P6-WSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	67.6	42.2	63.2#

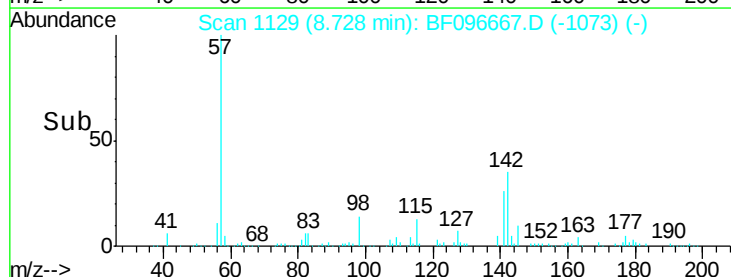
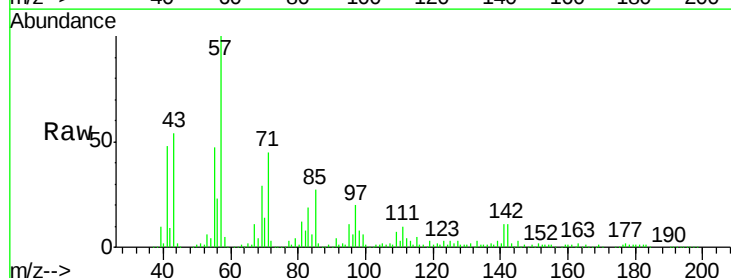
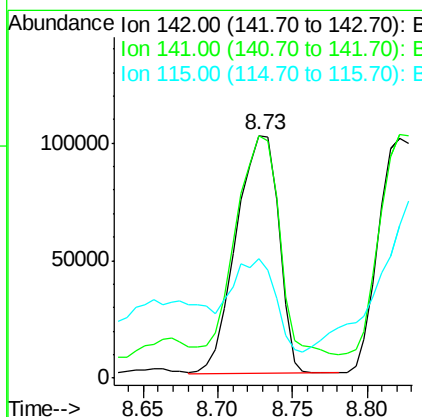
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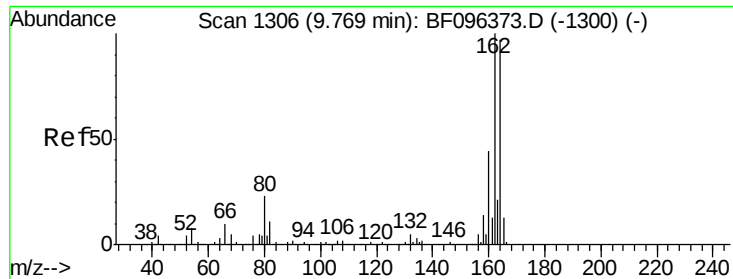
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#37
 2-Methylnaphthalene
 Concen: 44.458 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.03 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.1	71.3	106.9
115	49.2	27.1	40.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.03 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

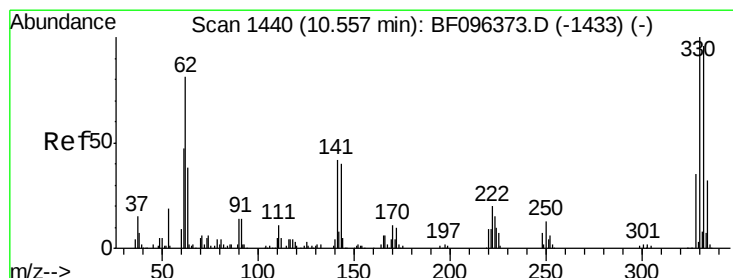
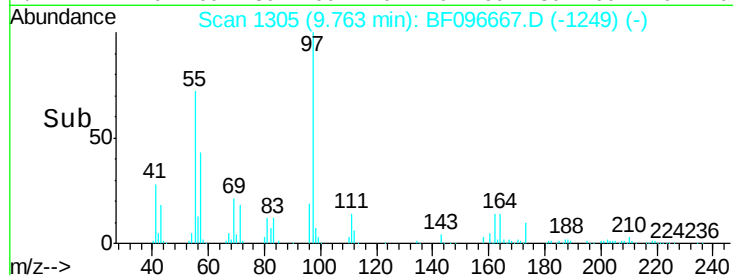
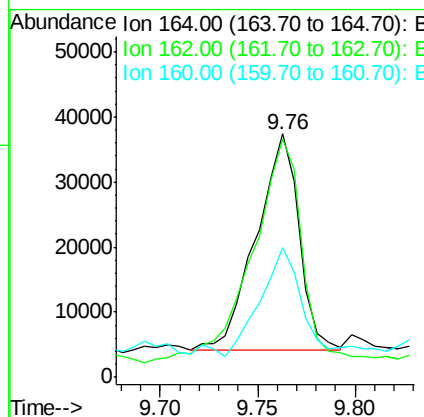
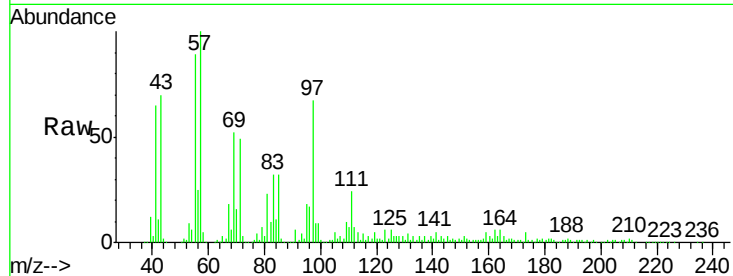
ClientSampleId :

E2-P6-WSW

Tgt Ion:	164	Resp:	50243
Ion Ratio	Lower	Upper	
164	100		
162	98.0	82.6	123.8
160	53.2	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 174.984 ng

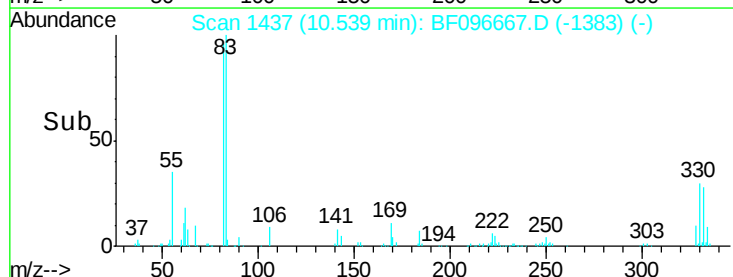
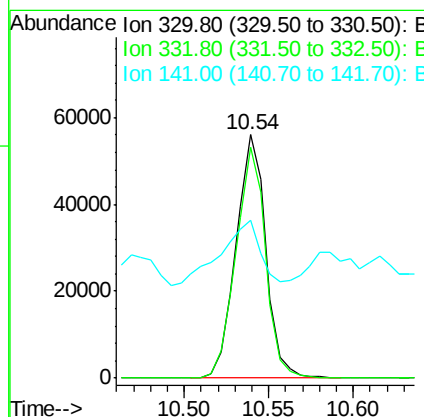
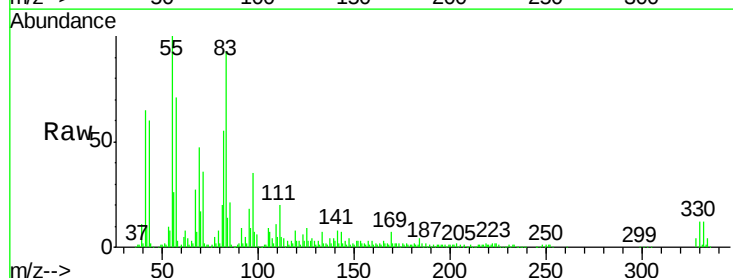
RT: 10.54 min Scan# 1437

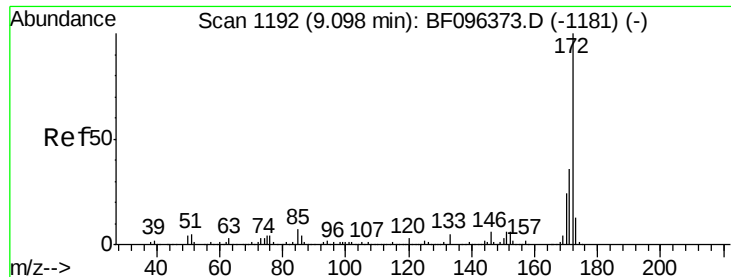
Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Tgt Ion:	330	Resp:	68674
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.6	115.0
141	34.7	31.4	47.2





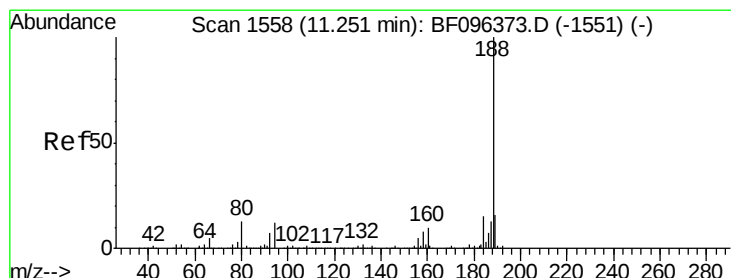
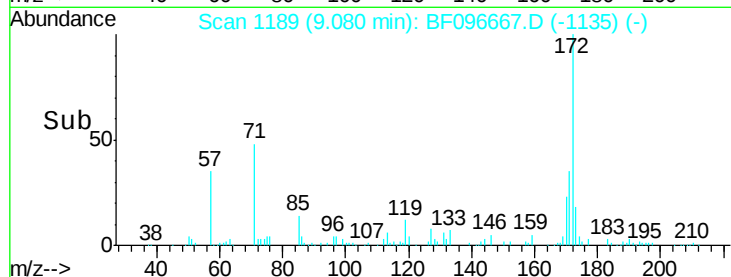
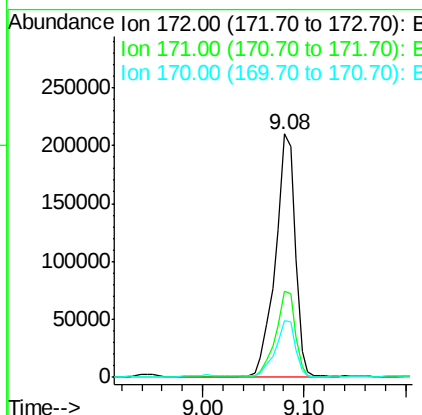
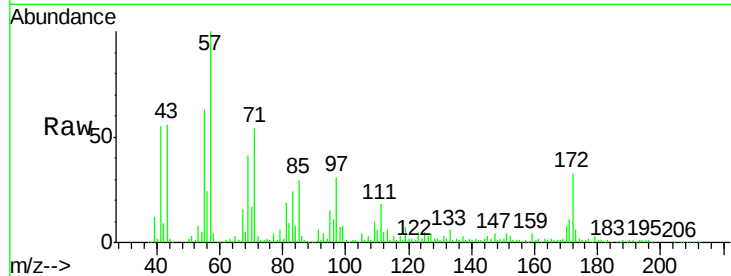
#44
2-Fluorobiphenyl
Concen: 98.440 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.02 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Instrument :
BNA_F
ClientSampled :
E2-P6-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	289273		
171	35.2	29.6	44.4	
170	23.2	19.8	29.8	

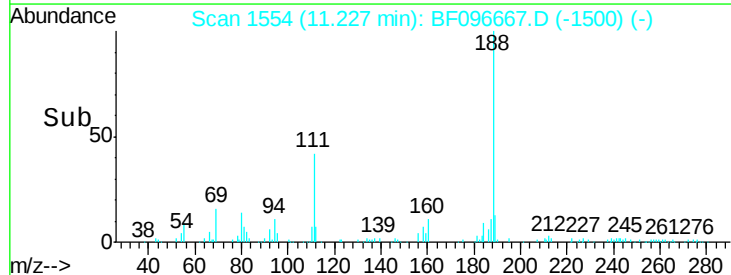
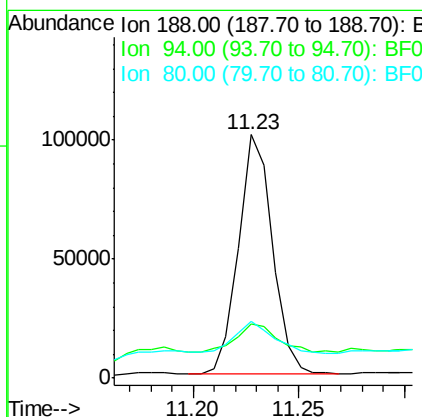
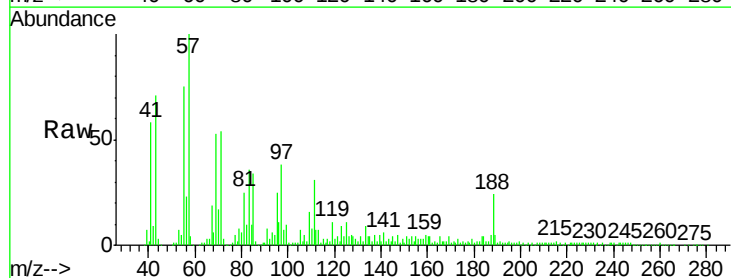
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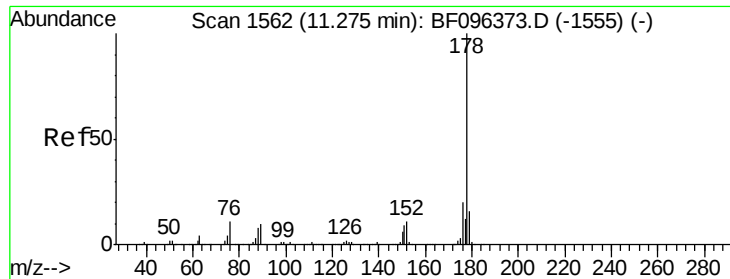
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	112260		
94	22.3	9.4	14.2#	
80	23.4	10.2	15.2#	





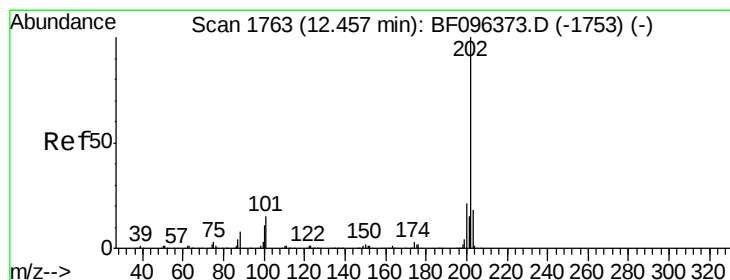
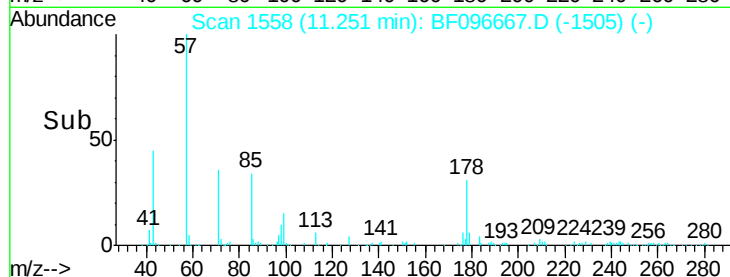
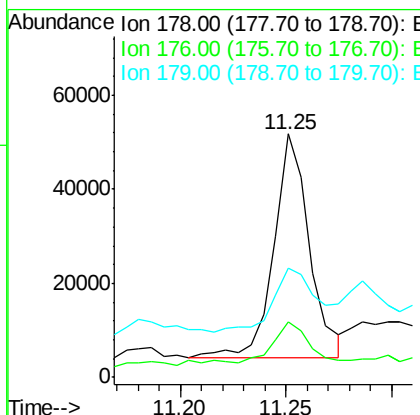
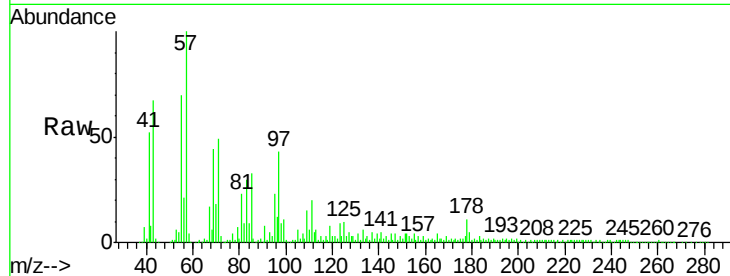
#70
Phenanthrene
Concen: 9.140 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.2	24.4
179	44.8	12.6	19.0

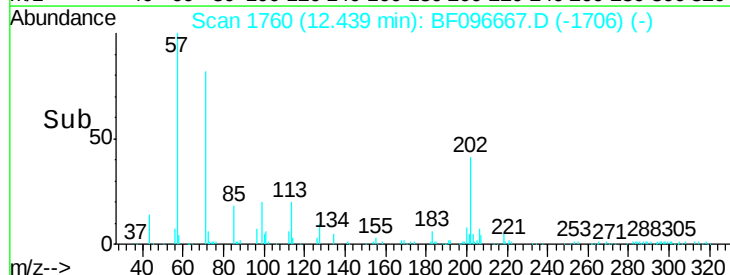
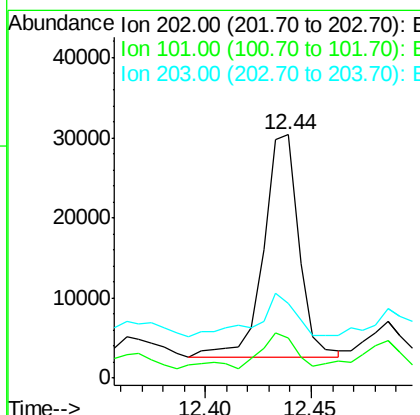
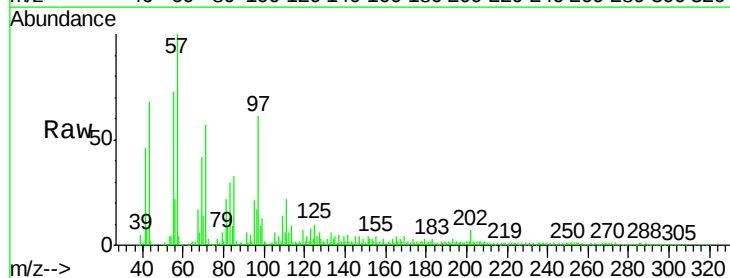
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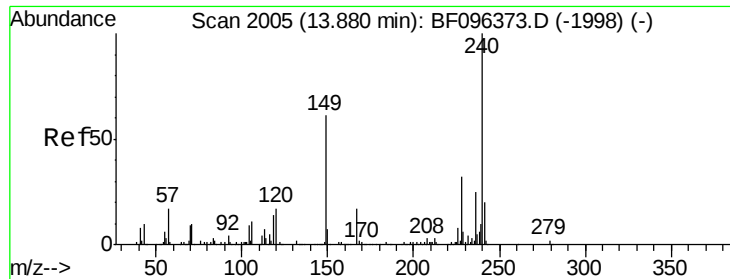
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#74
Fluoranthene
Concen: 5.468 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.02 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.2
203	30.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

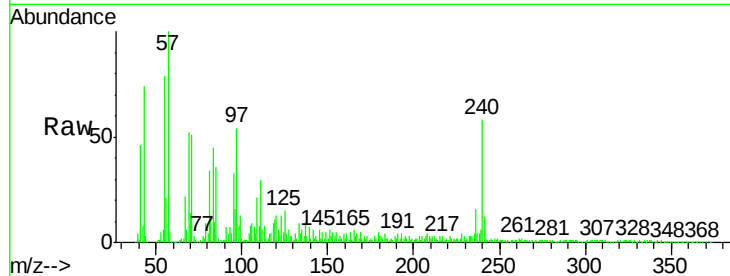
ClientSampleId :

E2-P6-WSW

Tgt Ion	Ratio	Lower	Upper
240	100		
120	21.9	5.8	8.8#
236	27.2	20.5	30.7

Manual Integrations
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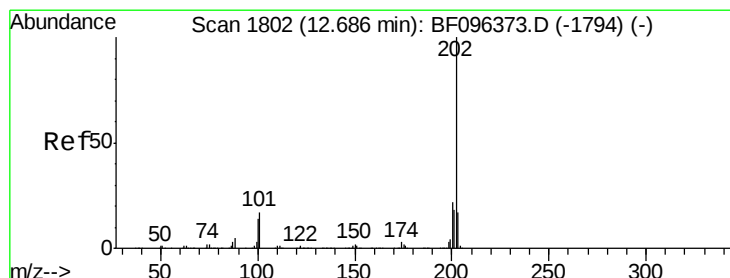
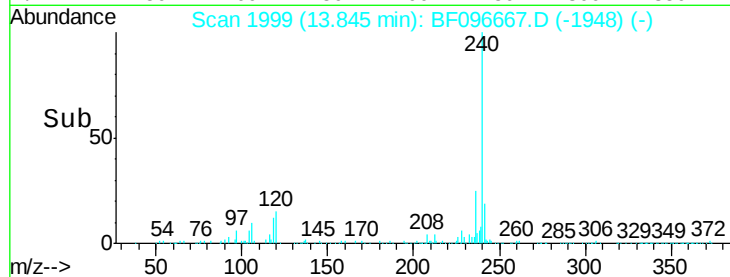
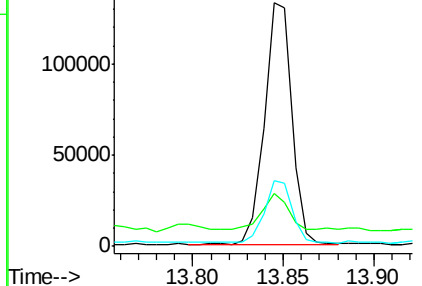
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.148 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF096667.D

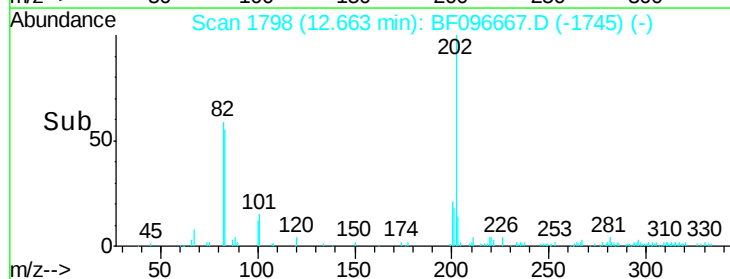
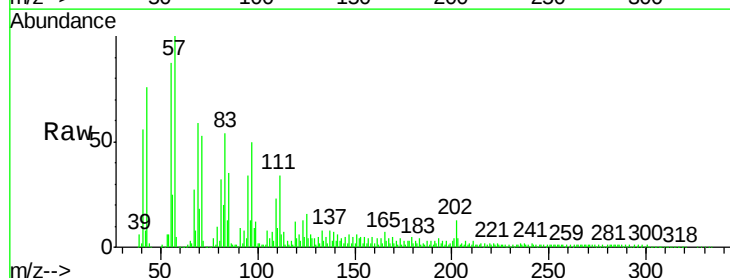
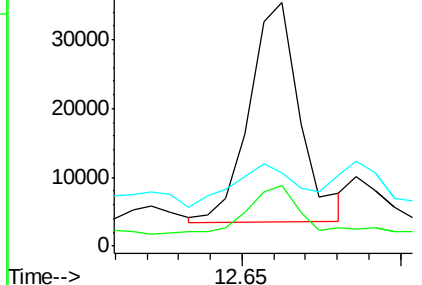
Acq: 12 Jul 2017 2:50

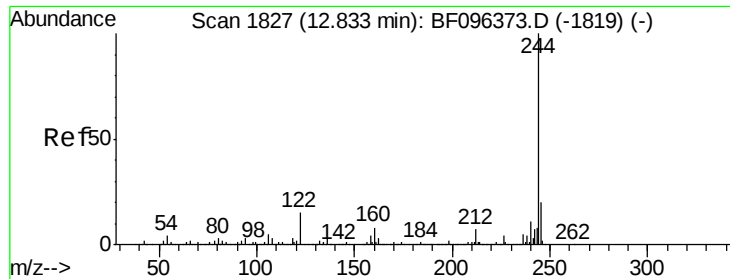
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.6	26.4
203	30.0	14.4	21.6#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.653 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF096667.D

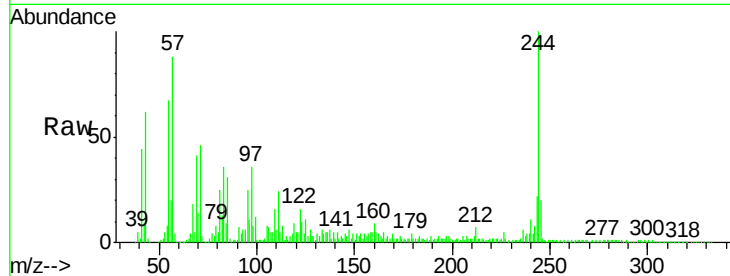
Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

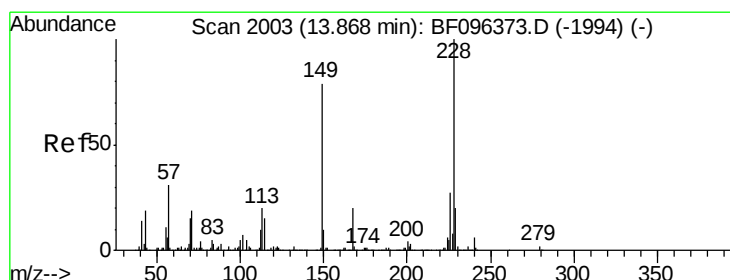
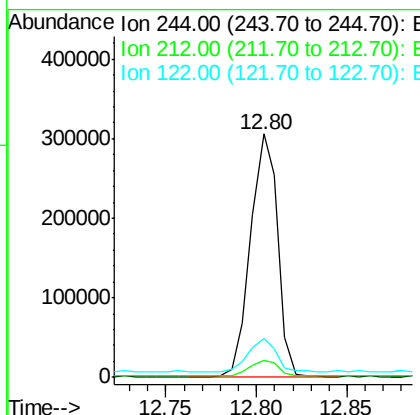
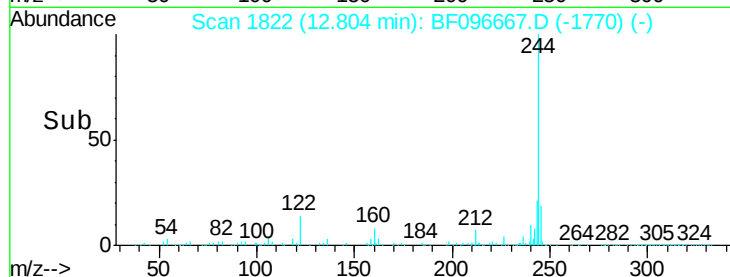
E2-P6-WSW



Tgt Ion:	244	Resp:	316961
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	16.2	10.3	15.5#

Manual Integrations
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7/12/2017 4:57:46 PM



#80

Benzo(a)anthracene

Concen: 2.089 ng m

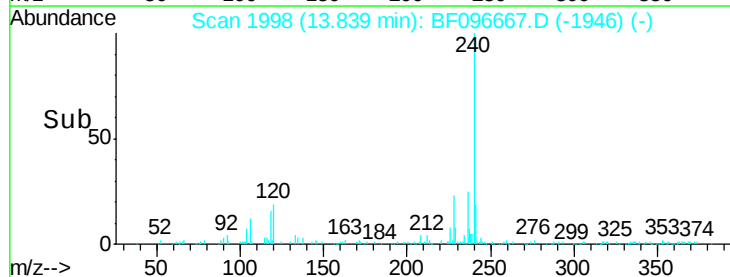
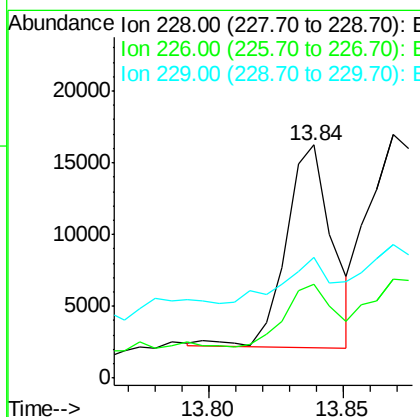
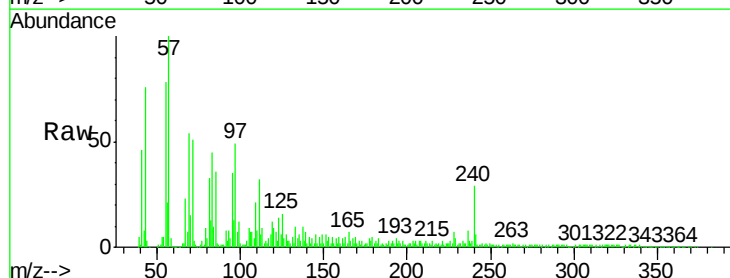
RT: 13.84 min Scan# 1998

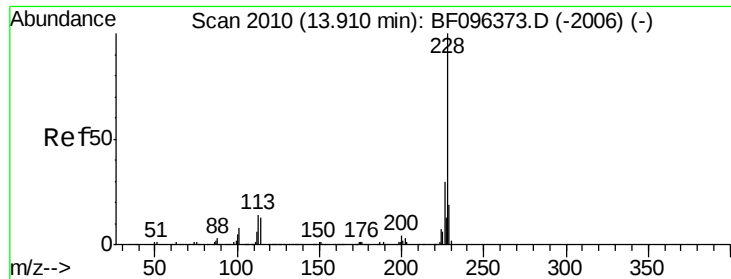
Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Tgt Ion:	228	Resp:	16842
Ion Ratio	Lower	Upper	
228	100		
226	40.5	22.6	33.8#
229	52.0	16.3	24.5#





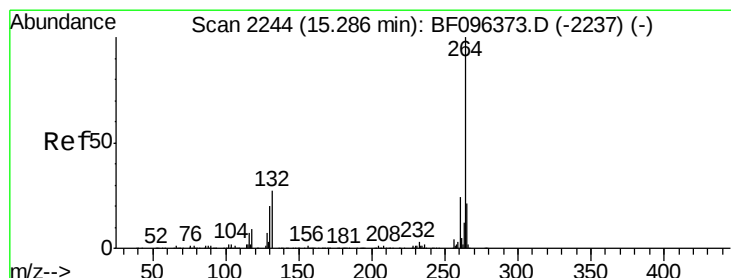
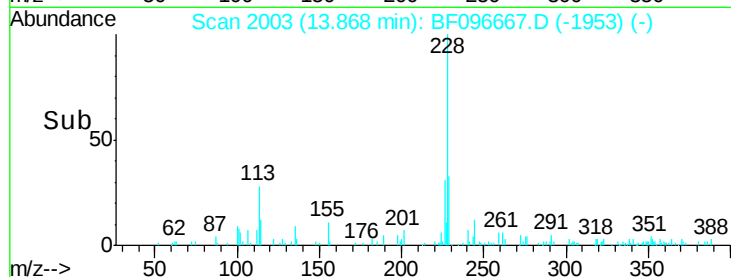
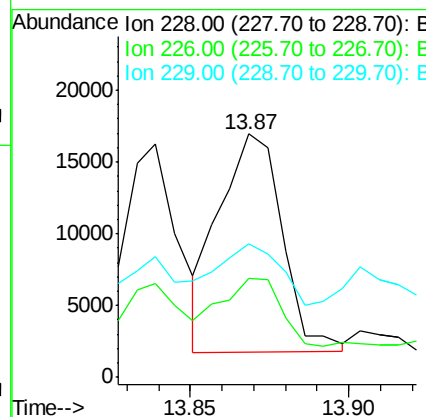
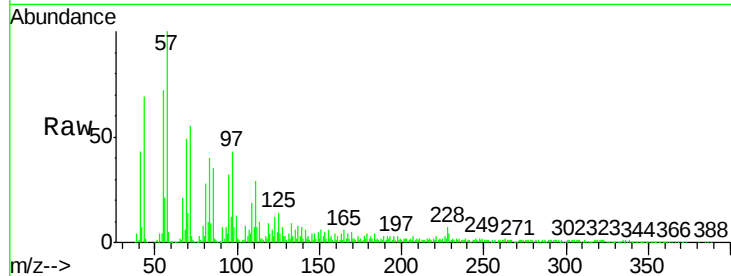
#82
Chrysene
Concen: 2.482 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.8	24.9	37.3#
229	54.9	15.8	23.6#

Manual Integrations
APPROVED

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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8

