

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096744.D
 Acq On : 13 Jul 2017 23:02
 Operator : SJ/JU
 Sample : I4146-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

Manual Integrations
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mohammad
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Quant Time: Jul 14 03:49:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112179	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	414954	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	136328	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	196929	20.00	ng	0.00
75) Chrysene-d12	13.77	240	199088	20.00	ng	0.00
86) Perylene-d12	15.16	264	138957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	276084	37.00	ng	0.00
7) Phenol-d6	6.27	99	450756	50.35	ng	0.00
23) Nitrobenzene-d5	7.19	82	226409	33.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	21340	18.34	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	387771	44.94	ng	0.00
78) Terphenyl-d14	12.73	244	279474	24.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	108882	10.607	ng	Qvalue 100
70) Phenanthrene	11.17	178	73602	6.874	ng	97
74) Fluoranthene	12.35	202	80884	7.892	ng	99
77) Pyrene	12.57	202	78188	4.327	ng	97
80) Benzo(a)anthracene	13.76	228	38952	3.140	ng	# 89
82) Chrysene	13.80	228	39370	3.224	ng	# 93
87) Benzo(b)fluoranthene	14.77	252	33326m	3.977	ng	
89) Benzo(a)pyrene	15.10	252	23588	3.069	ng	# 69

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

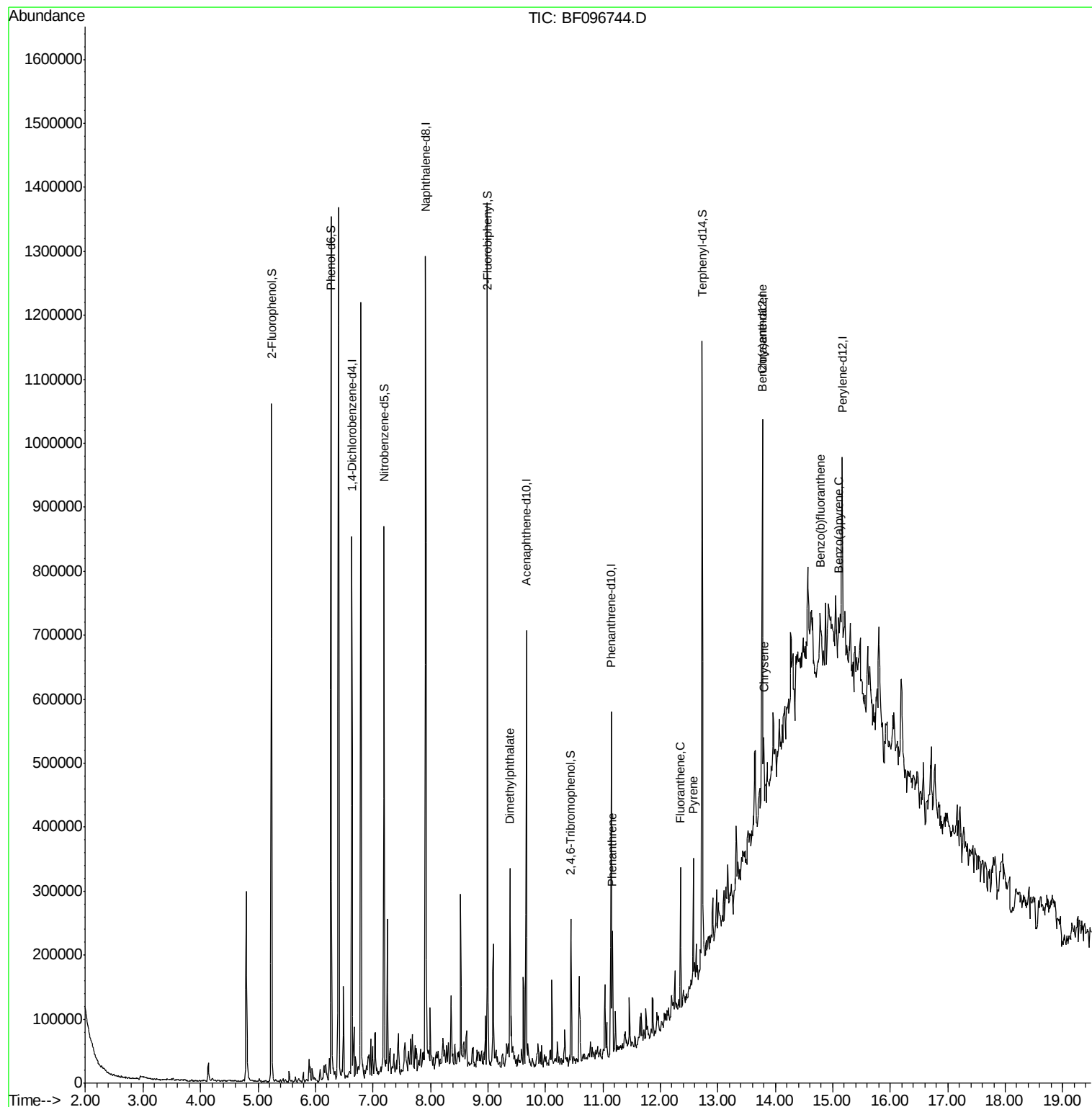
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Data File : BF096744.D
Acq On : 13 Jul 2017 23:02
Operator : SJ/JU
Sample : I4146-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

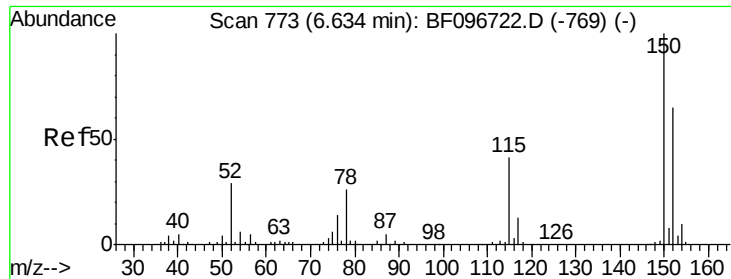
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





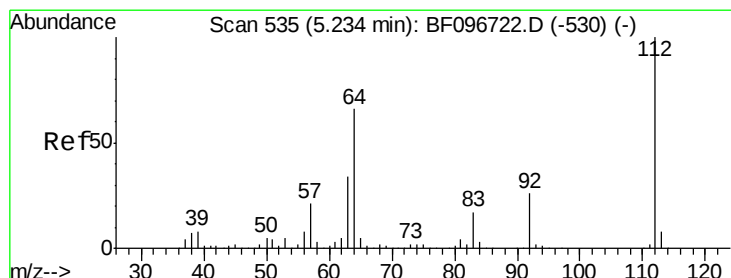
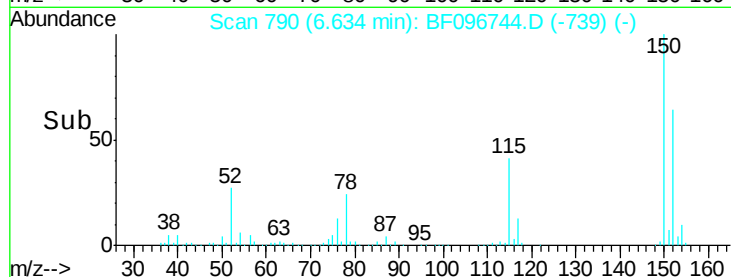
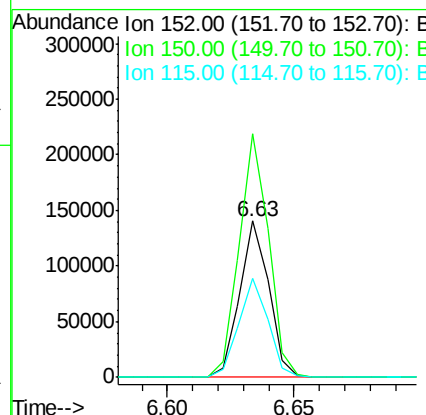
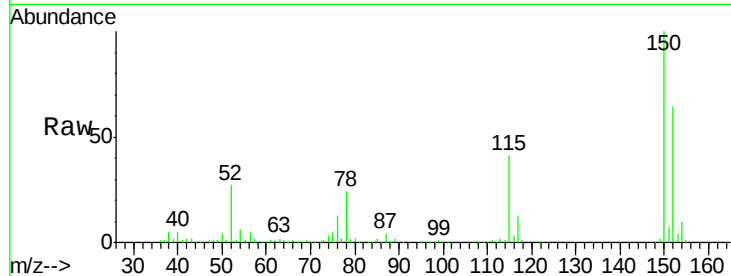
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	63.8	52.2	78.2

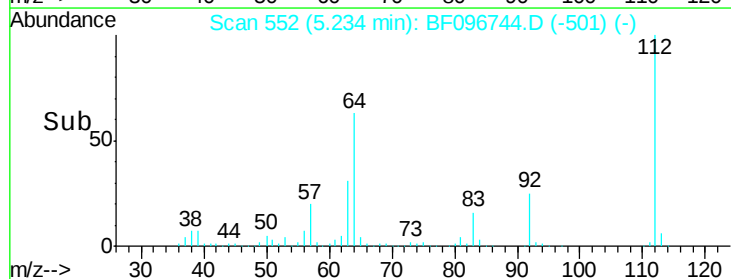
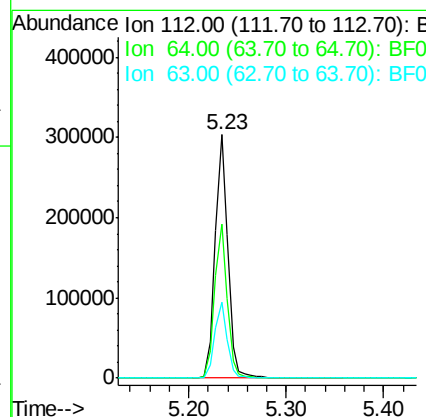
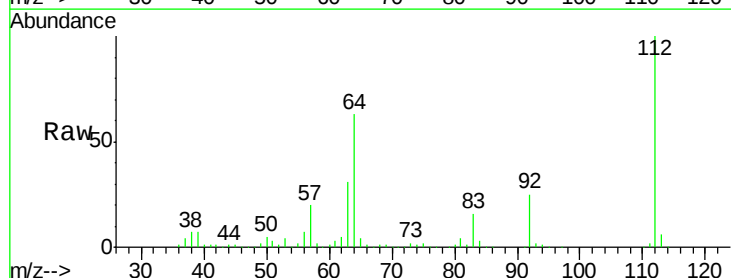
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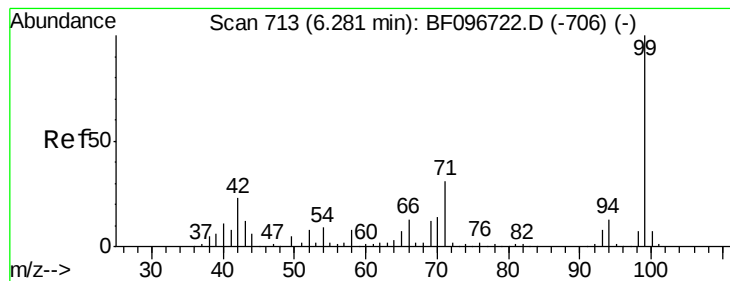
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#5
 2-Fluorophenol
 Concen: 37.005 ng
 RT: 5.23 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	31.3	23.4	35.0





#7

Phenol-d6

Concen: 50.346 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096744.D

Acq: 13 Jul 2017 23:02

Instrument :

BNA_F

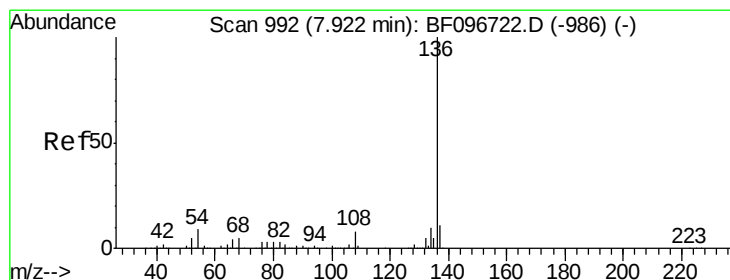
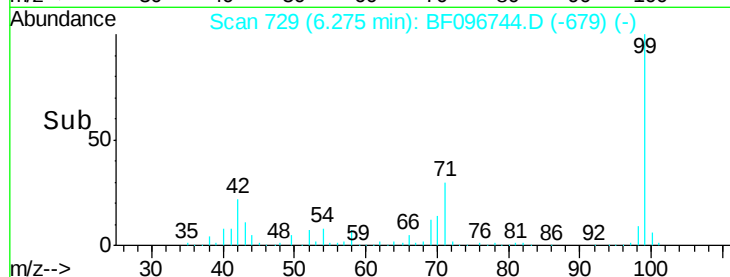
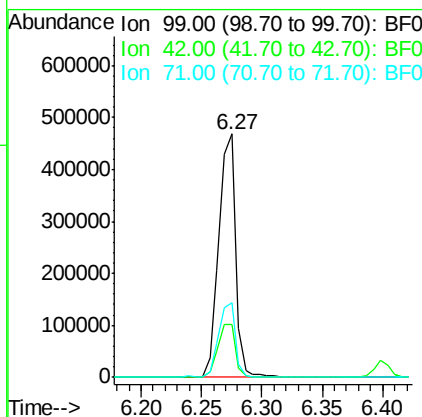
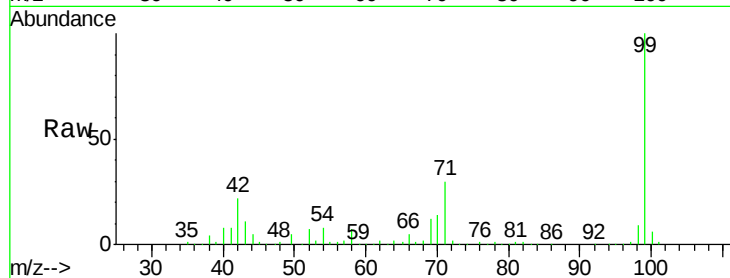
ClientSampleId :

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Tgt Ion:	99	Resp:	450756
Ion Ratio	Lower	Upper	
99	100		
42	21.6	13.5	20.3#
71	30.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

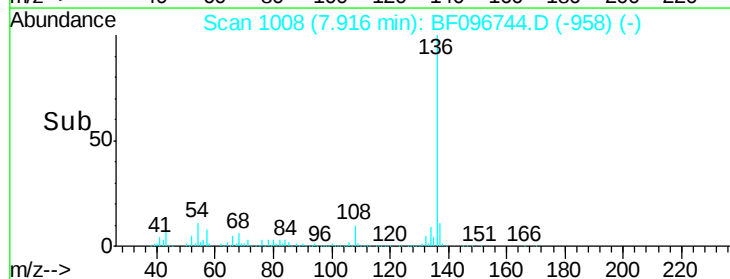
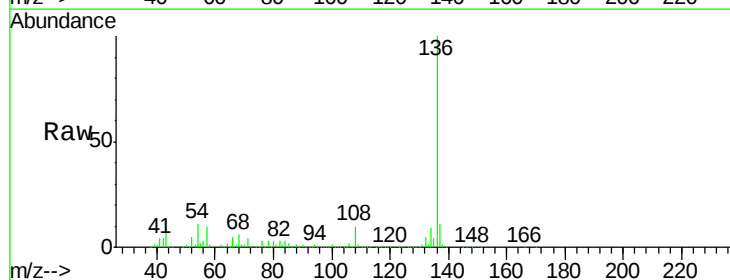
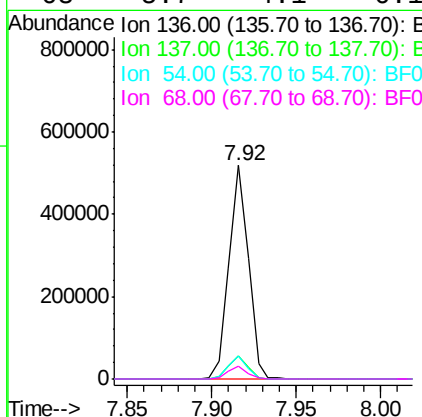
RT: 7.92 min Scan# 1008

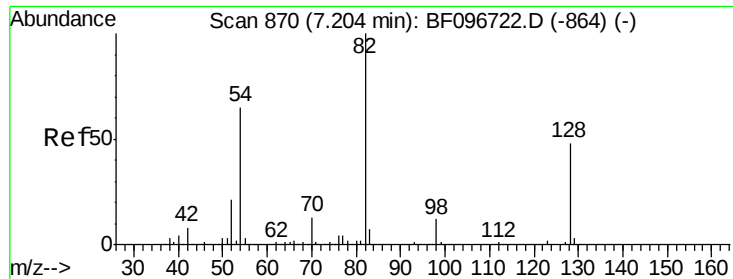
Delta R.T. -0.01 min

Lab File: BF096744.D

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Tgt Ion:	136	Resp:	414954
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	10.9	4.9	7.3#
68	5.7	4.1	6.1





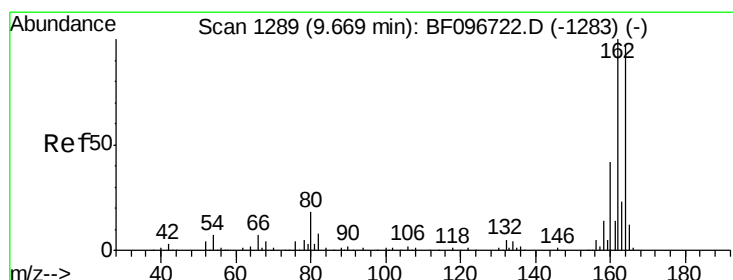
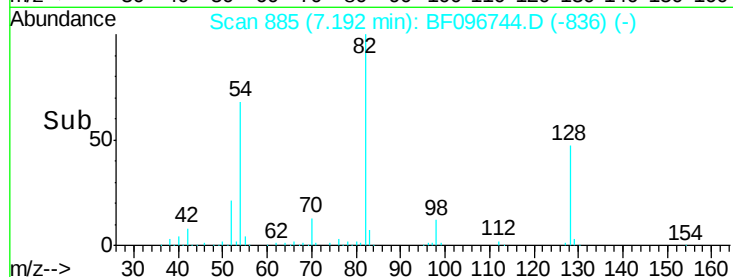
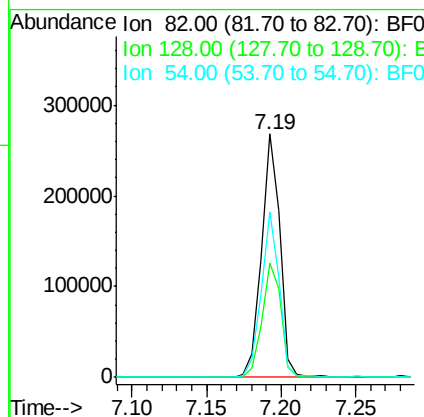
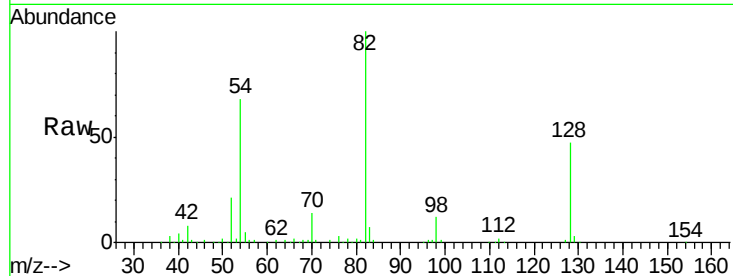
#23
 Nitrobenzene-d5
 Concen: 33.796 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Instrument :
 BNA_F
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	226409		
128	46.8	34.0	51.0	
54	67.8	42.2	63.2	

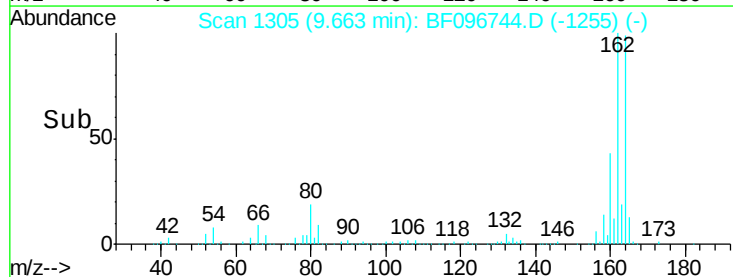
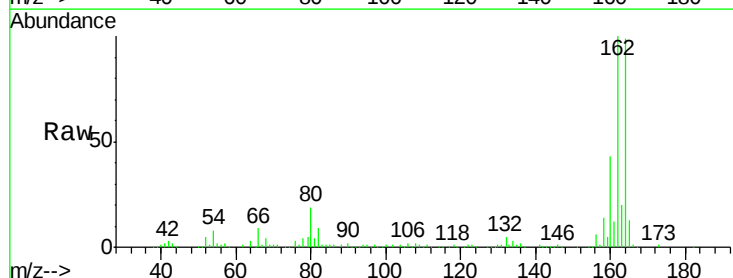
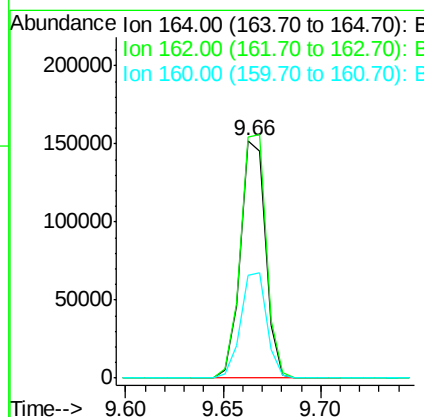
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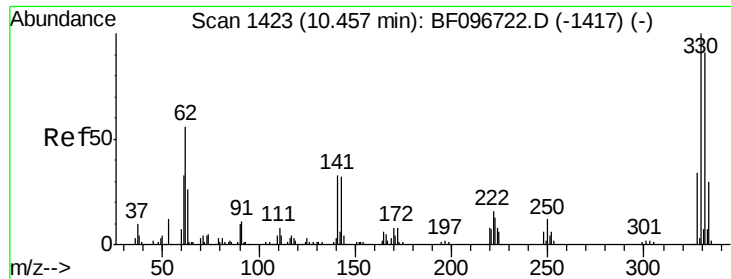
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136328		
162	101.3	82.6	123.8	
160	43.1	36.2	54.2	





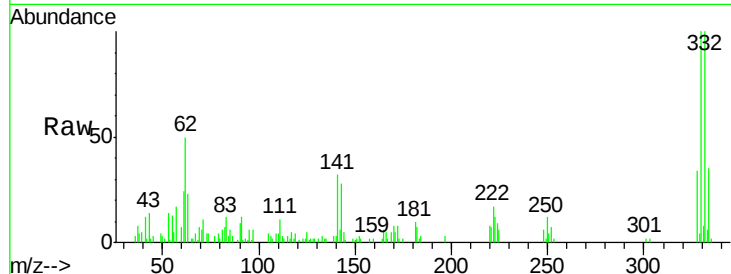
#41
 2,4,6-Tribromophenol
 Concen: 18.338 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	43.5	31.4	47.2

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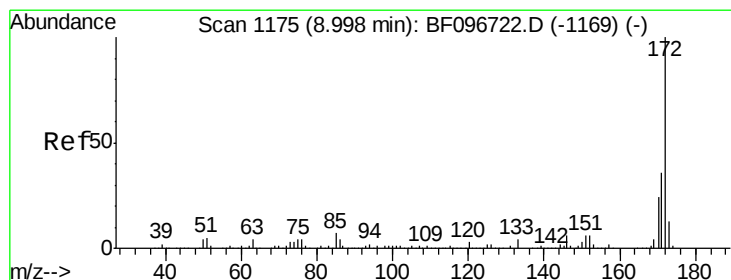
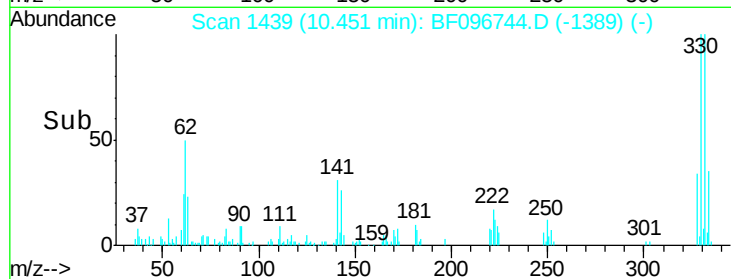
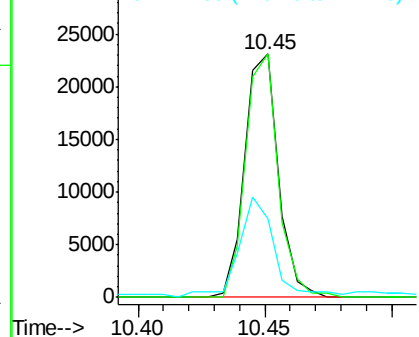


Abundance

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: 44.939 ng
 RT: 8.99 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

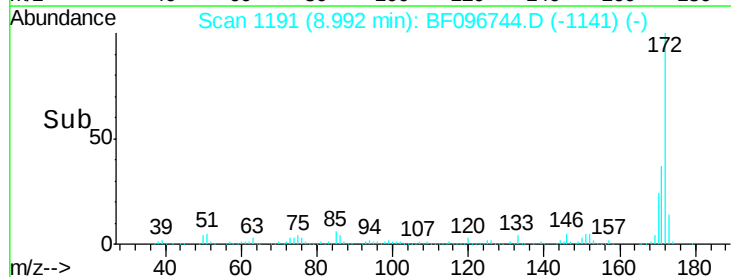
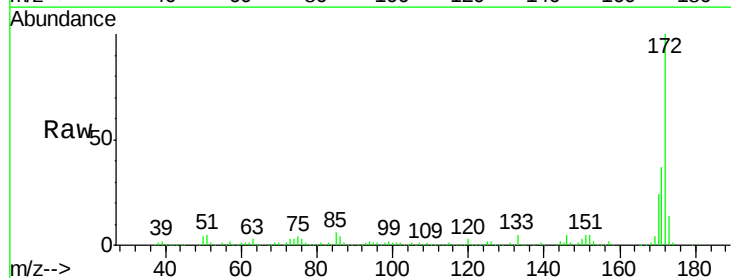
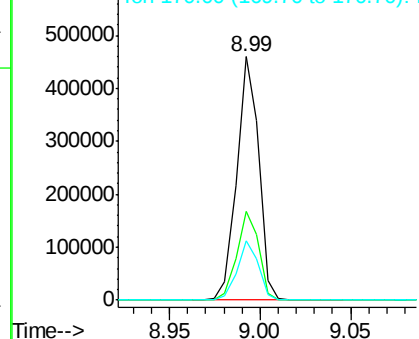
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8

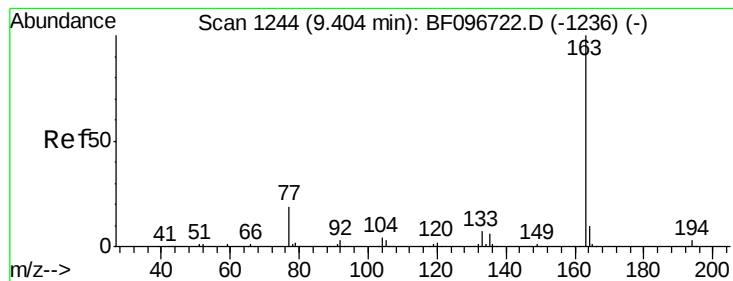
Abundance

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: 10.607 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF096744.D

Acq: 13 Jul 2017 23:02

Instrument :

BNA_F

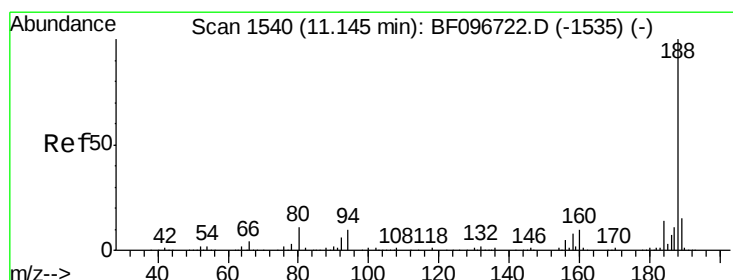
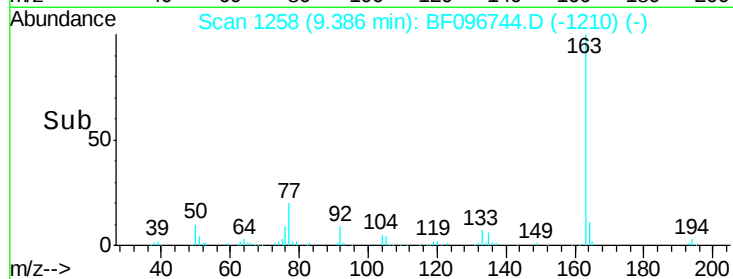
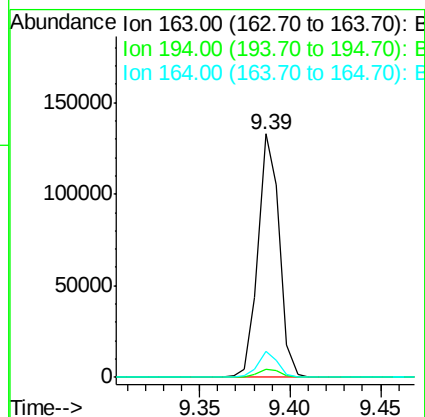
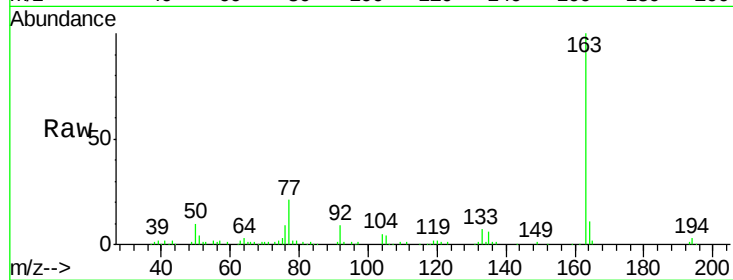
ClientSampleId :

FK-SF-03-001-A

Tgt Ion:	163	Resp:	108882
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.6	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

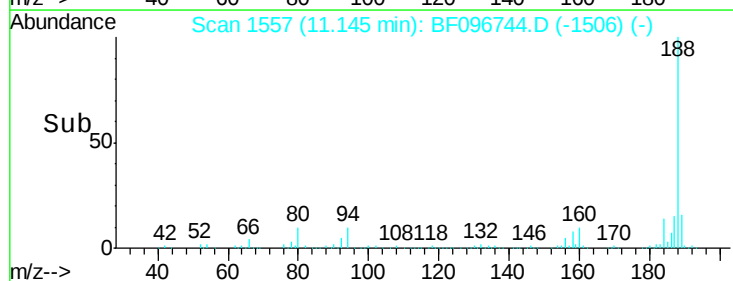
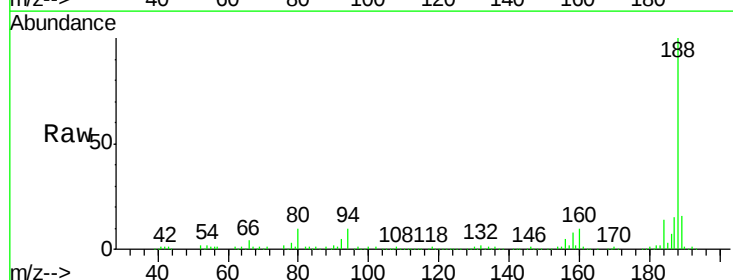
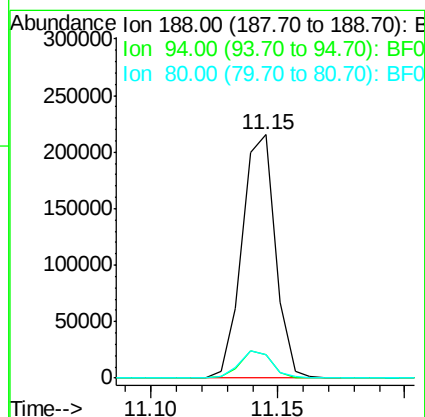
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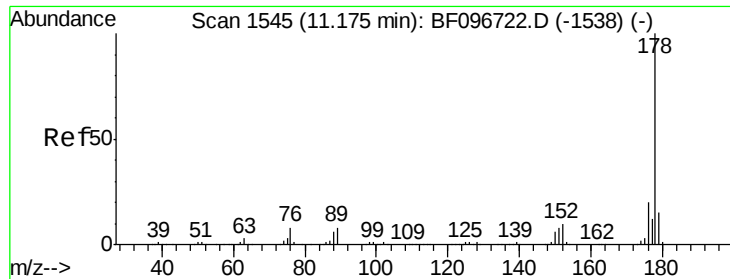
Delta R.T. -0.00 min

Lab File: BF096744.D

Acq: 13 Jul 2017 23:02

Tgt Ion:	188	Resp:	196929
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.4	14.2
80	9.7	10.2	15.2#





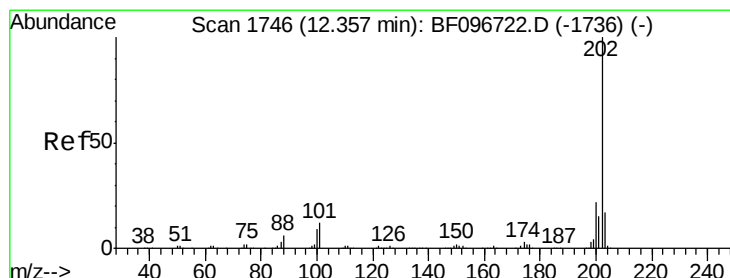
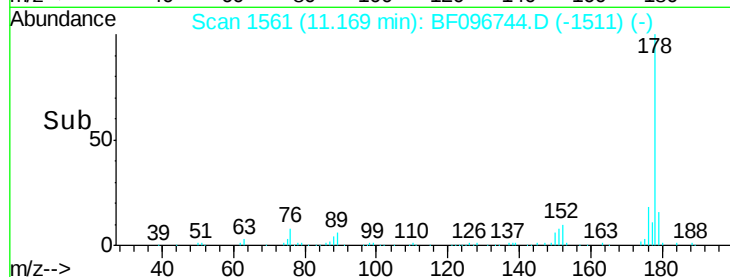
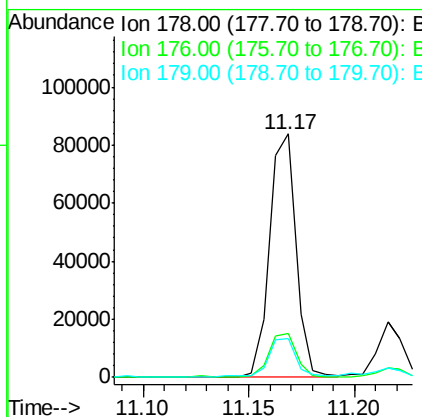
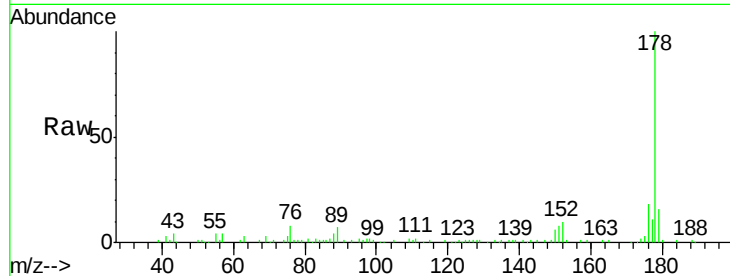
#70
Phenanthrene
Concen: 6.874 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	15.9	12.6	19.0

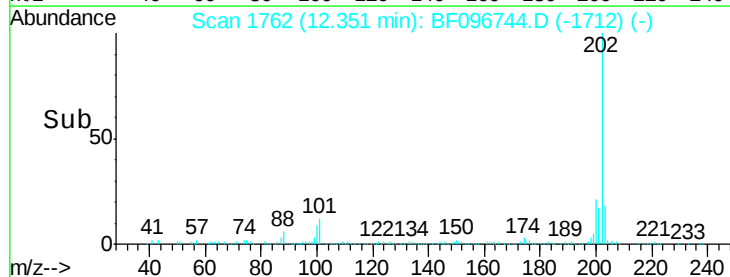
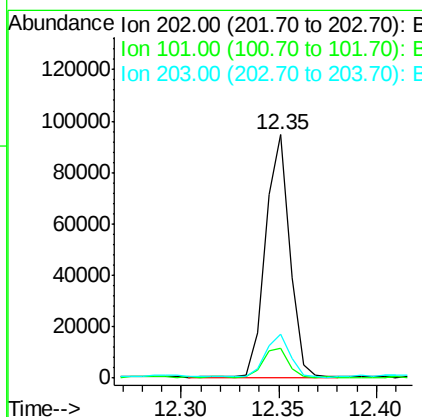
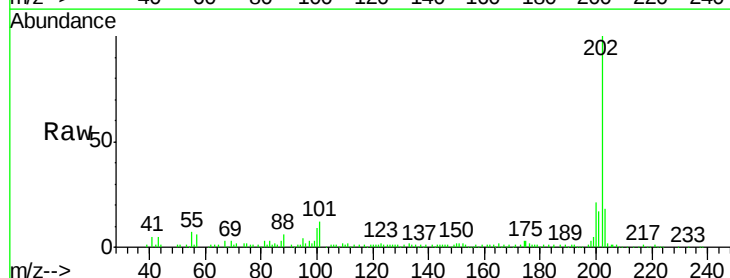
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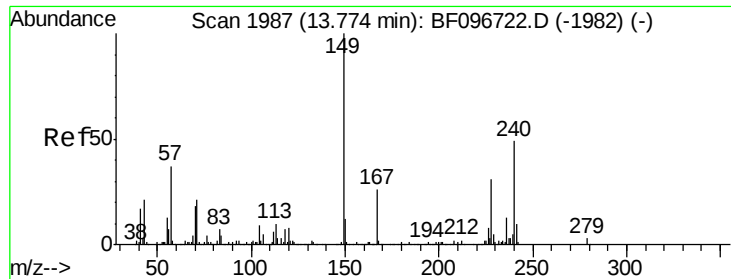
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#74
Fluoranthene
Concen: 7.892 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	18.3	0.0	38.1





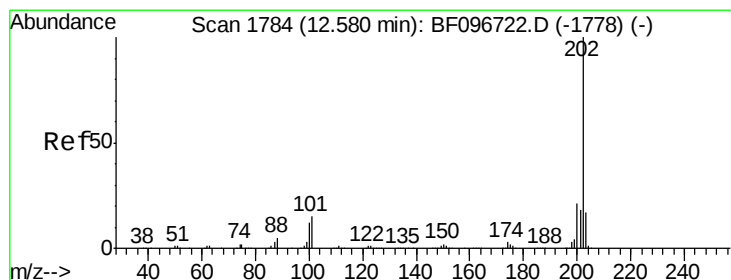
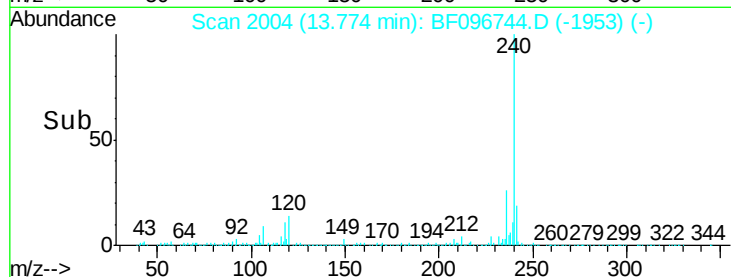
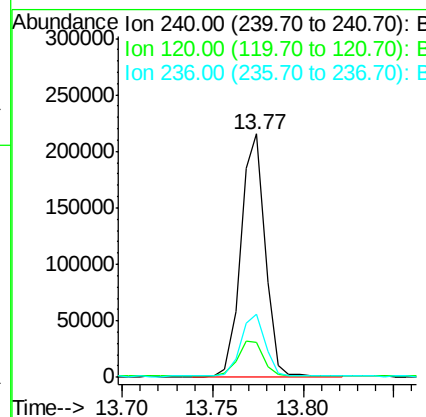
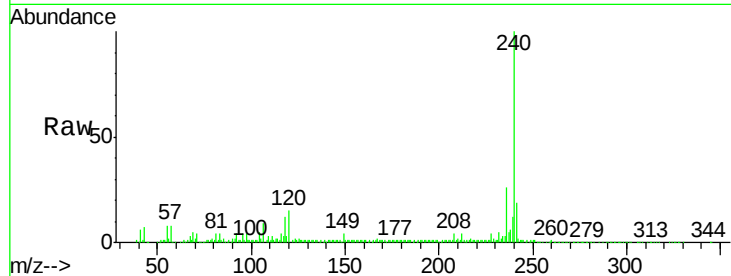
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	199088		
120	14.6	5.8	8.8#	
236	25.9	20.5	30.7	

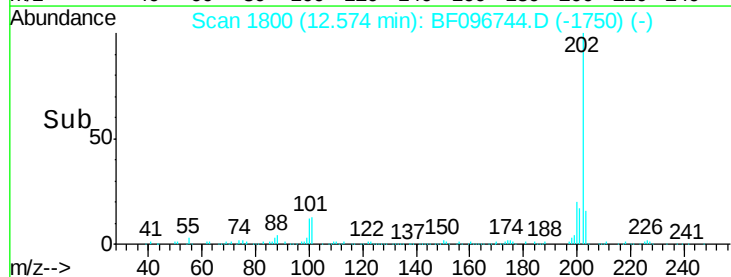
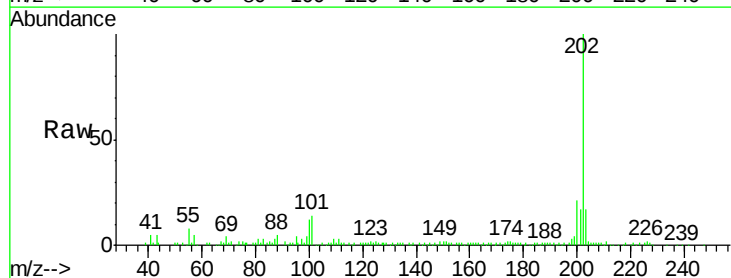
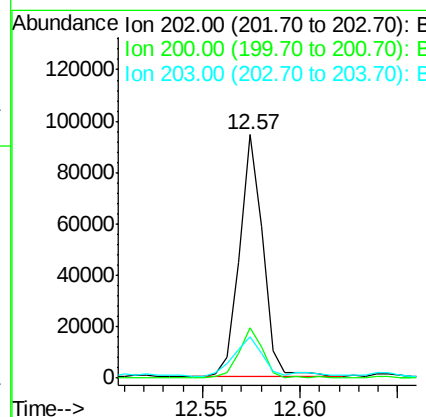
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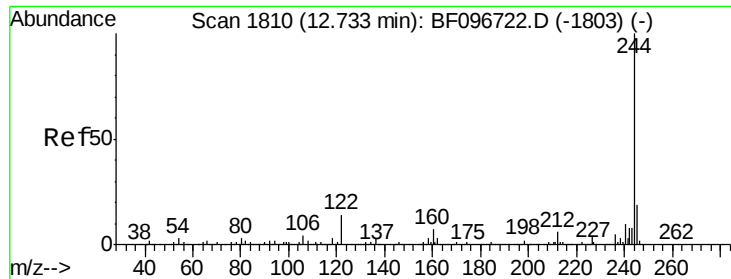
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#77
Pyrene
Concen: 4.327 ng
RT: 12.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	78188		
200	20.5	17.6	26.4	
203	17.0	14.4	21.6	





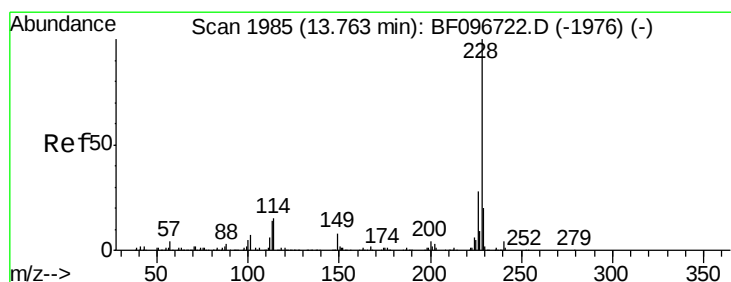
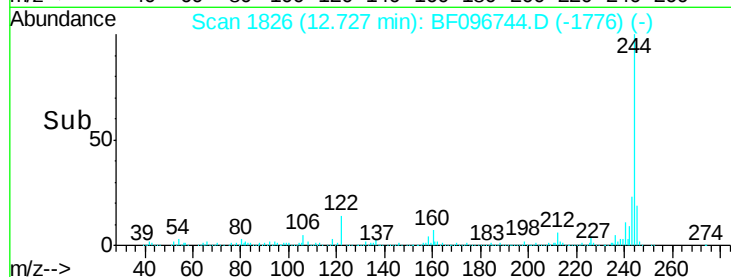
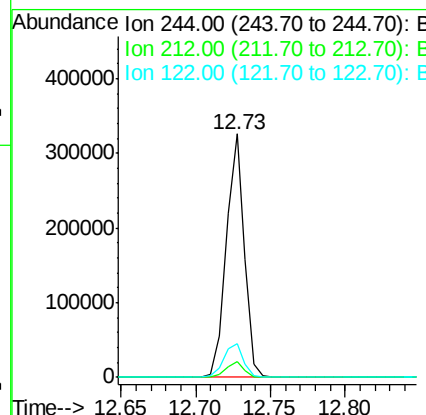
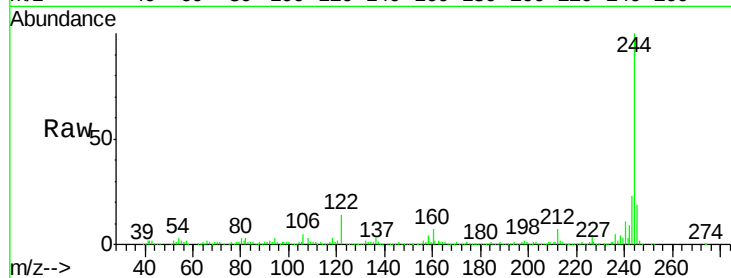
#78
 Terphenyl-d14
 Concen: 24.345 ng
 RT: 12.73 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.8	10.3	15.5

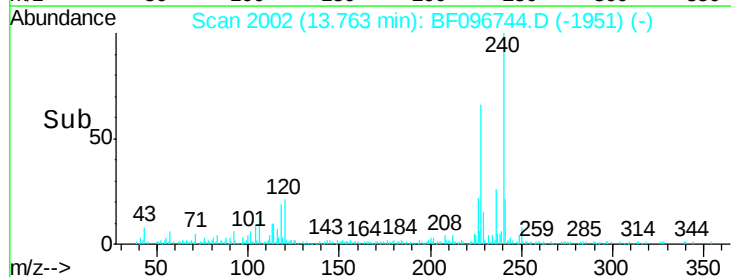
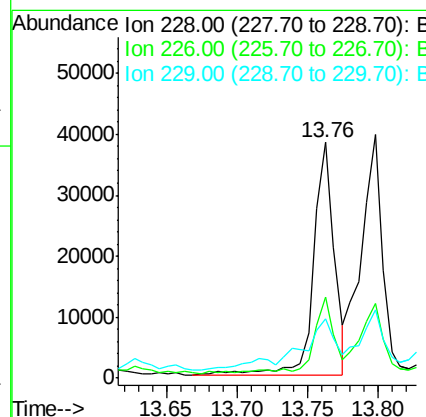
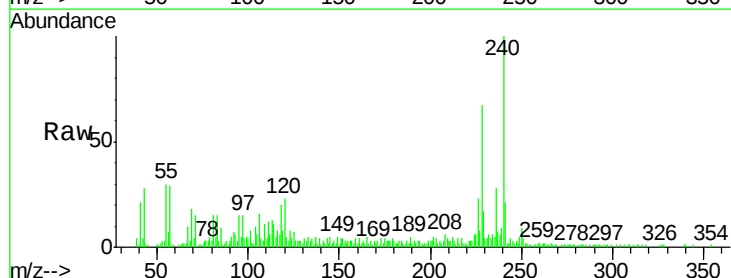
Manual Integrations
 APPROVED

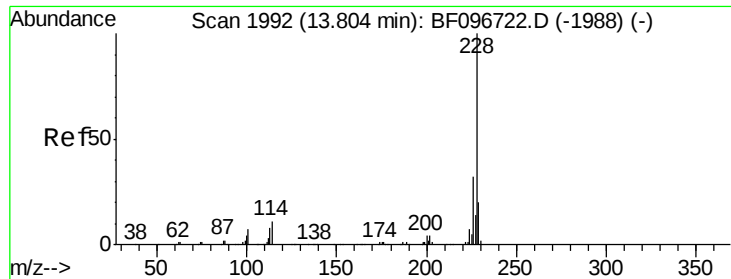
mohammad
 7/17/2017 8:11:49 AM



#80
 Benzo(a)anthracene
 Concen: 3.140 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF096744.D
 Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	25.2	16.3	24.5#





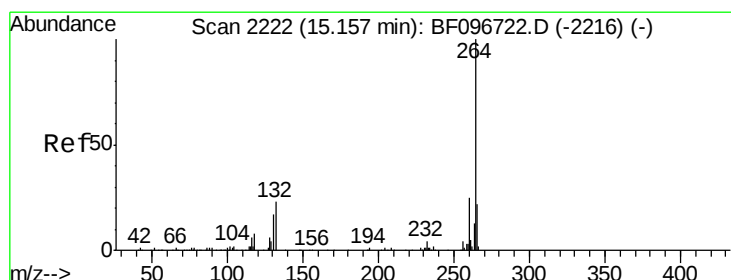
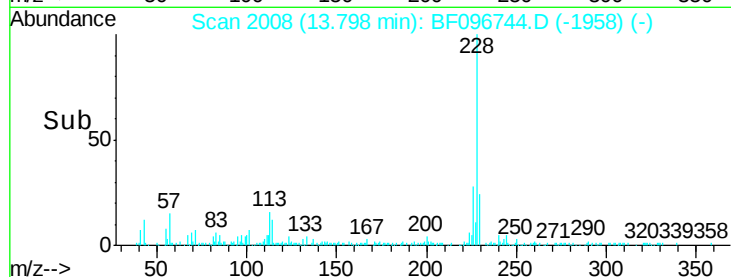
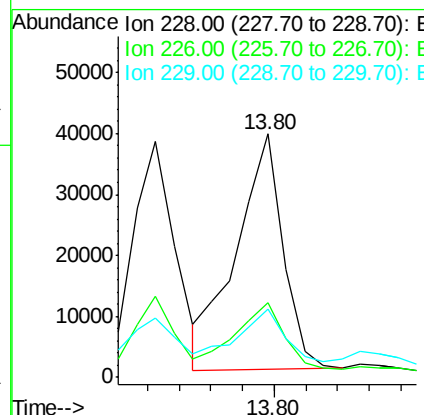
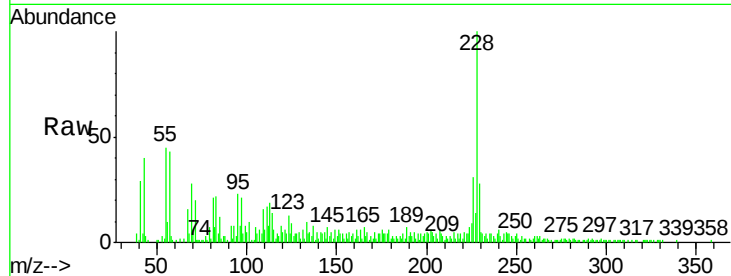
#82
Chrysene
Concen: 3.224 ng
RT: 13.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Instrument :
BNA_F
ClientSampled :
FK-SF-03-001-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	27.8	15.8	23.6

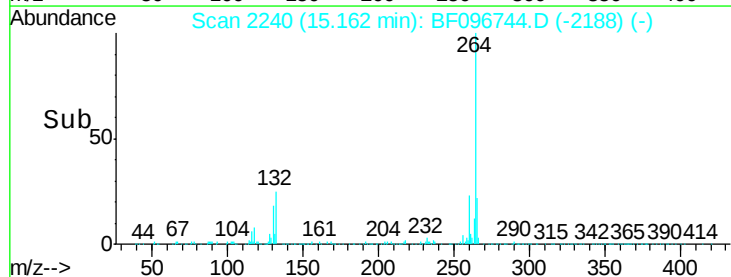
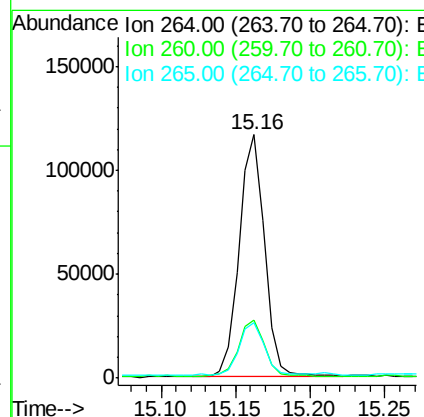
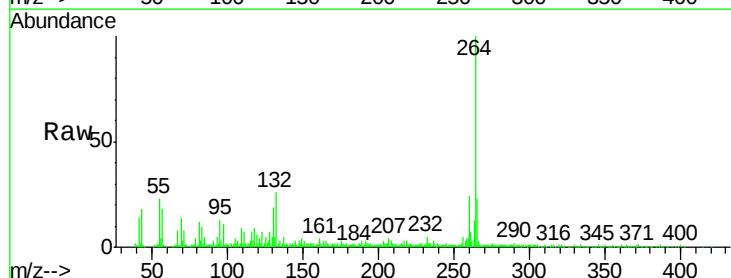
Manual Integrations
APPROVED

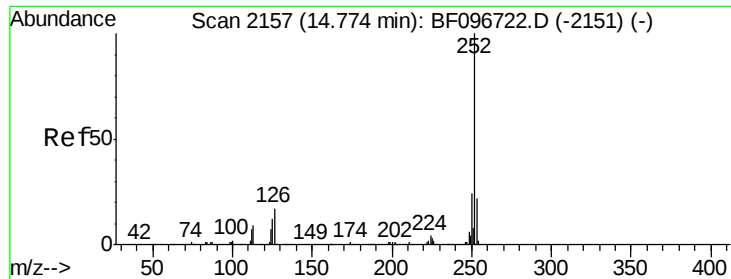
mohammad
7/17/2017 8:11:49 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096744.D
Acq: 13 Jul 2017 23:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.977 ng m

RT: 14.77 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF096744.D

Acq: 13 Jul 2017 23:02

Instrument :

BNA_F

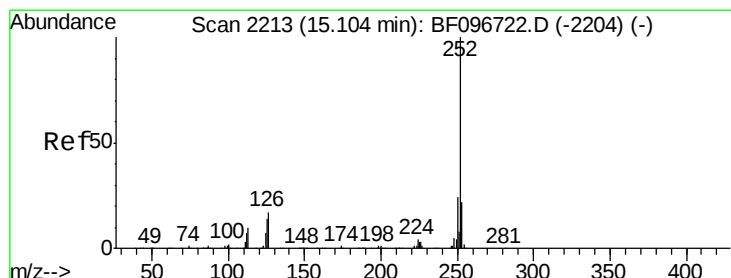
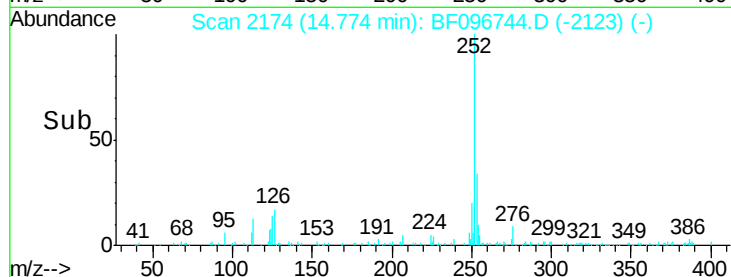
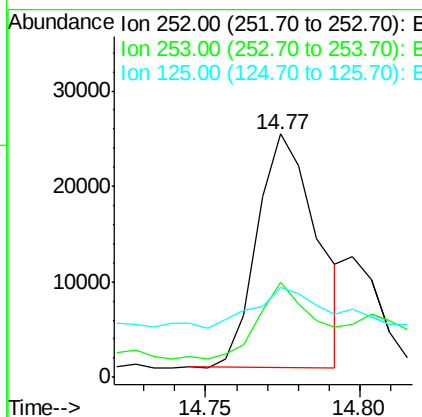
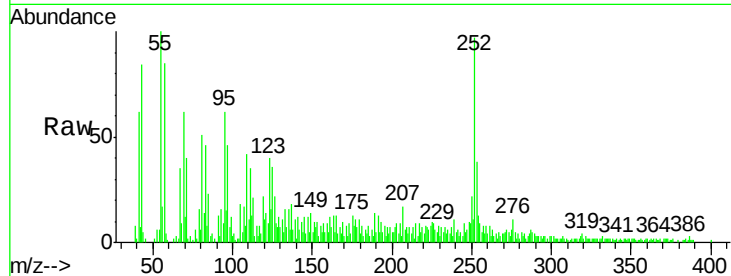
ClientSampleId :

FK-SF-03-001-A

Tgt Ion:	252	Resp:	33326
Ion Ratio	Lower	Upper	
252	100		
253	38.8	18.1	27.1#
125	37.1	9.8	14.8#

Manual Integrations
APPROVED

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#89

Benzo(a)pyrene

Concen: 3.069 ng

RT: 15.10 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF096744.D

Acq: 13 Jul 2017 23:02

Tgt Ion:	252	Resp:	23588
Ion Ratio	Lower	Upper	
252	100		
253	28.9	17.5	26.3#
125	37.2	11.0	16.4#

