

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096253.D
 Acq On : 28 Jun 2017 16:56
 Operator : SJ/MA
 Sample : I3871-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-50-20170622

Manual Integrations
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mohammad
 6/29/2017 5:59:20 PM

Quant Time: Jun 29 16:02:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152207	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	598262	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	232337	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	357643	20.00	ng	0.00
75) Chrysene-d12	13.93	240	340179	20.00	ng	0.01
86) Perylene-d12	15.35	264	320628	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1270340	120.24	ng	0.02
7) Phenol-d6	6.41	99	1535307	120.01	ng	0.02
23) Nitrobenzene-d5	7.34	82	862724	99.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	278011	152.05	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1198815	94.49	ng	-0.01
78) Terphenyl-d14	12.88	244	863016	63.30	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	244476	14.70	ng	99
70) Phenanthrene	11.32	178	340243	13.62	ng	98
71) Anthracene	11.37	178	80503	4.03	ng	94
74) Fluoranthene	12.50	202	536452	27.00	ng	97
77) Pyrene	12.73	202	497893	17.81	ng	99
80) Benzo(a)anthracene	13.92	228	261270	12.60	ng	96
82) Chrysene	13.95	228	261958	12.21	ng	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	127116	7.14	ng	96
87) Benzo(b)fluoranthene	14.94	252	301902m	14.33	ng	
88) Benzo(k)fluoranthene	14.97	252	118376m	6.16	ng	
89) Benzo(a)pyrene	15.29	252	218015	11.72	ng	96
90) Dibenzo(a,h)anthracene	16.75	278	31726	2.18	ng	# 78
91) Benzo(a,h,i)perylene	17.16	276	117957	7.79	ng	99

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

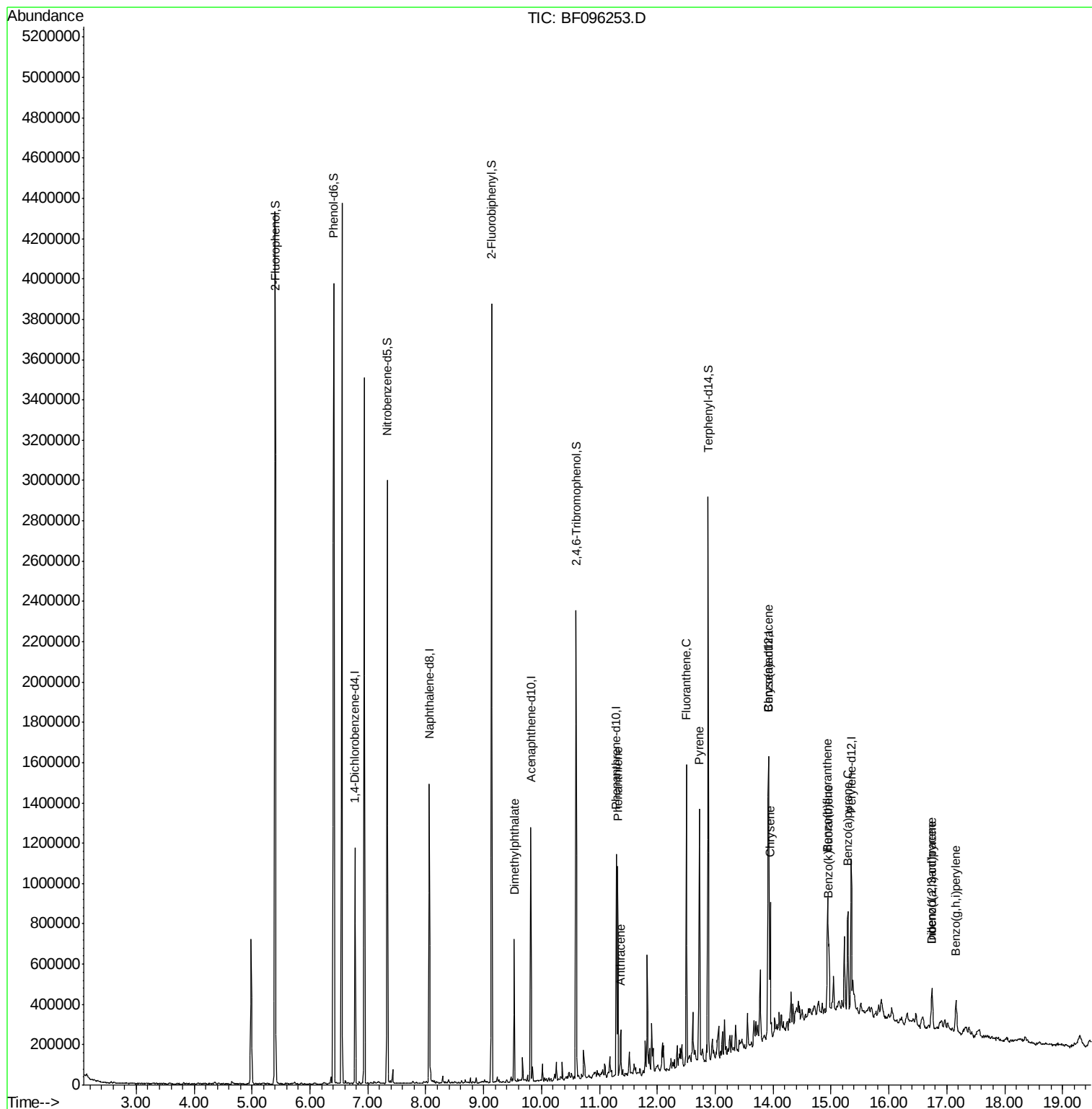
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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Acq On : 28 Jun 2017 16:56
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#1

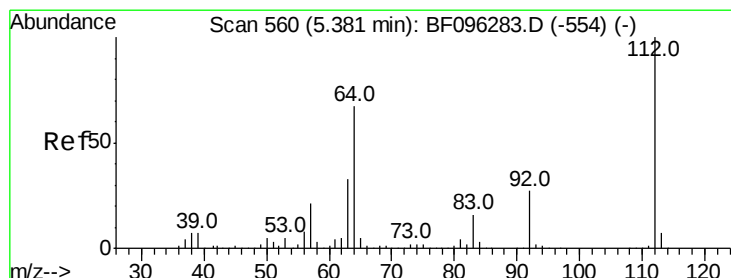
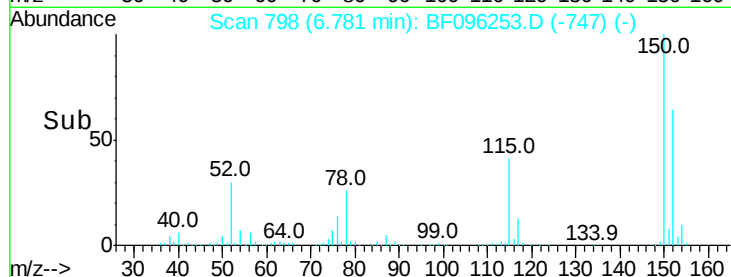
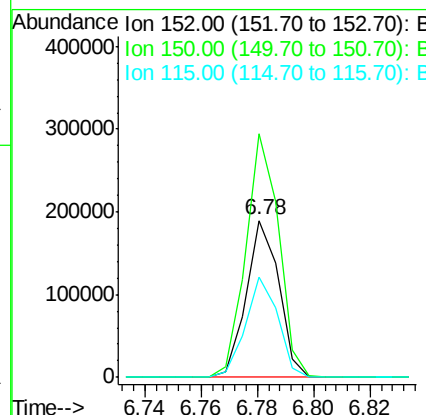
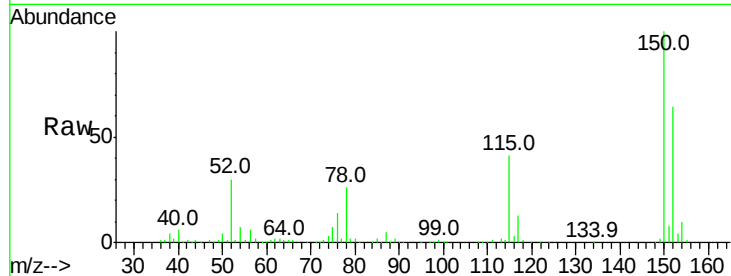
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	64.0	52.2	78.2

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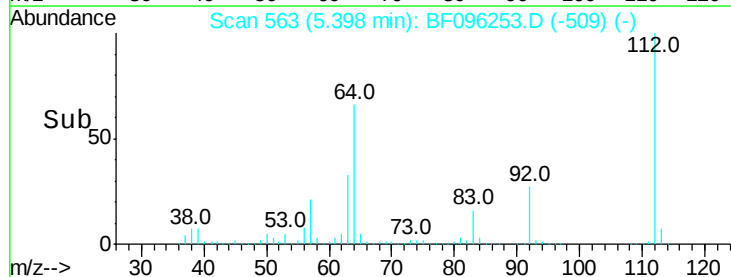
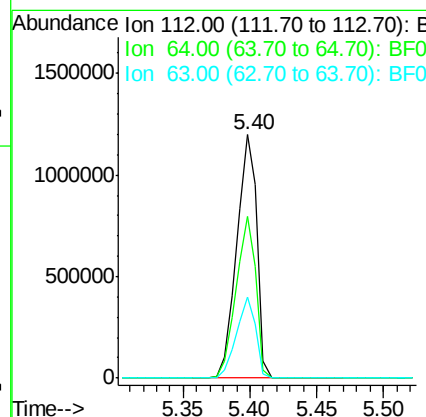
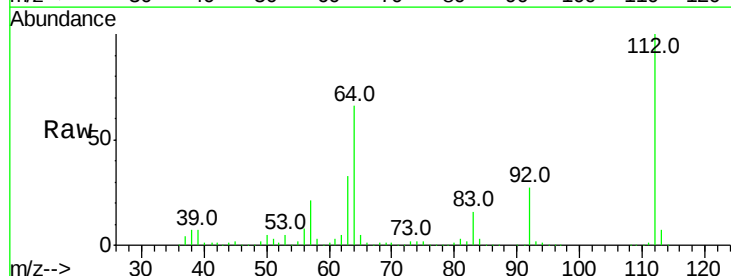
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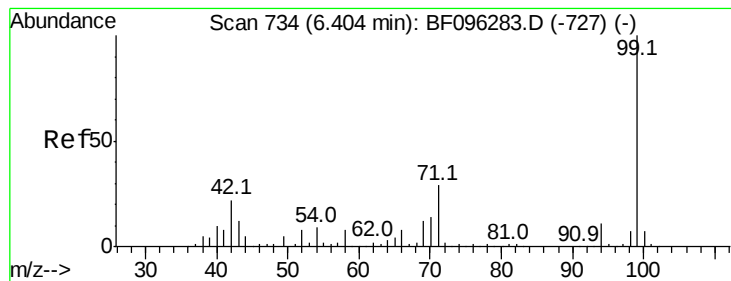


#5

2-Fluorophenol
Concen: 120.24 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.1	23.4	35.0





#7

Phenol-d6

Concen: 120.01 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Instrument :

BNA_F

ClientSampleId :

POSTEX-50-20170622

Tot Ion: 99 Resp: 1535307

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

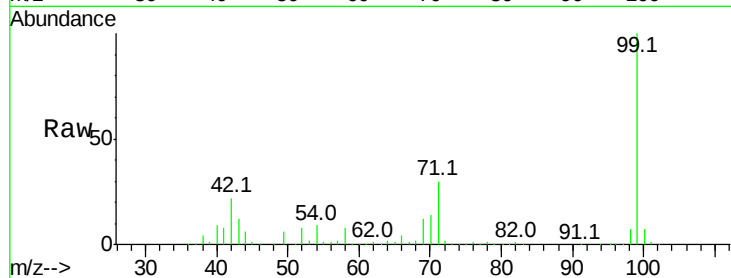
71 30.1 24.5 36.7

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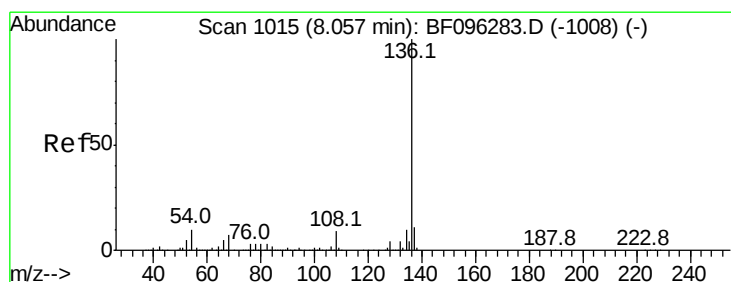
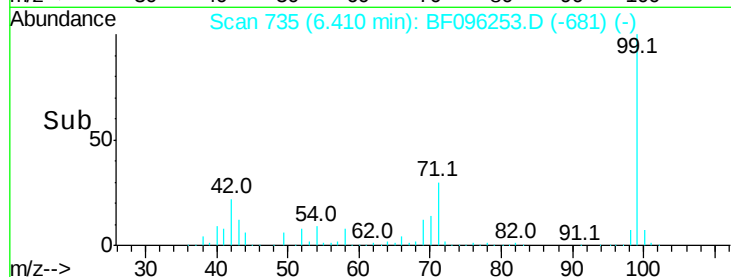
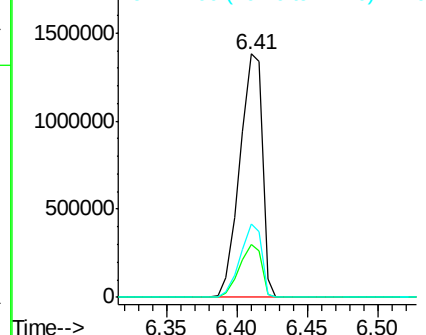
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Tgt Ion: 136 Resp: 598262

Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.9 4.9 7.3#

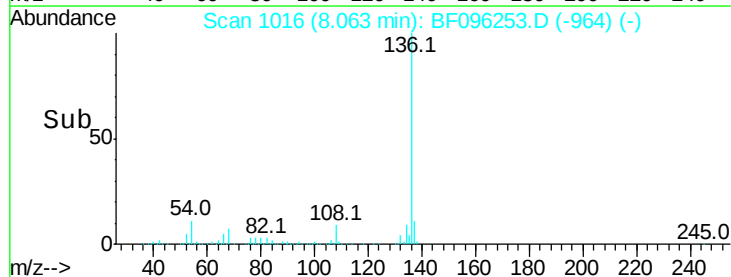
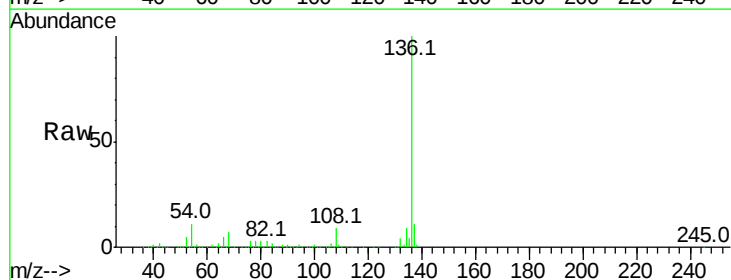
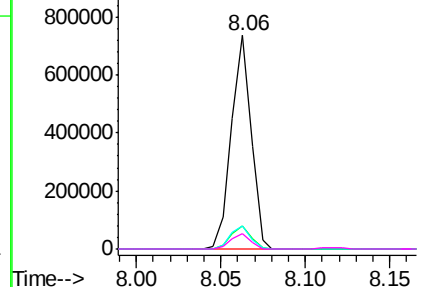
68 6.9 4.1 6.1#

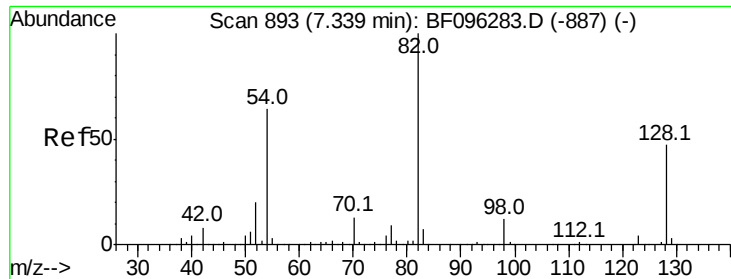
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





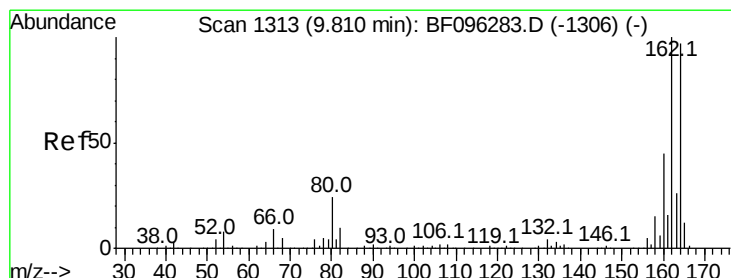
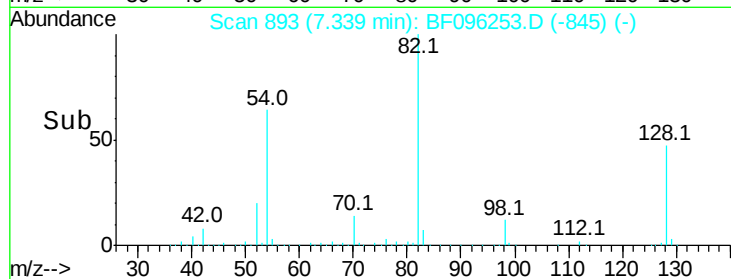
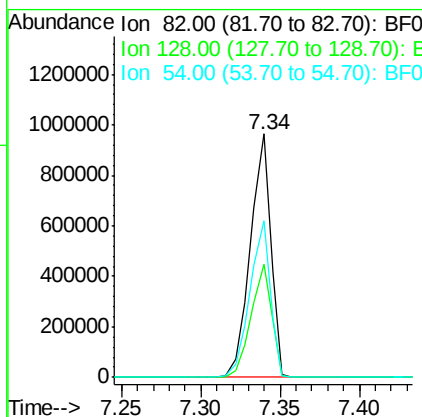
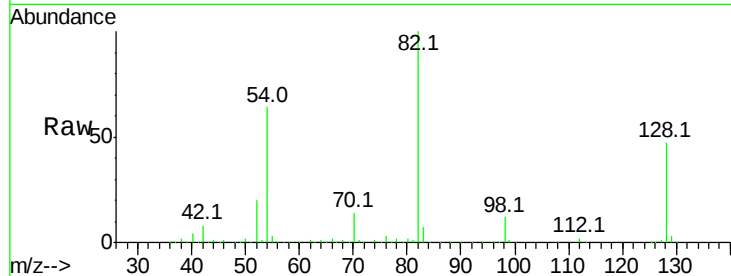
#23
 Nitrobenzene-d5
 Concen: 99.83 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF096253.D
 Acq: 28 Jun 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	64.5	42.2	63.2

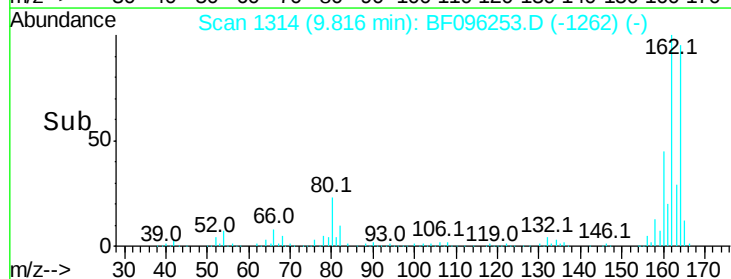
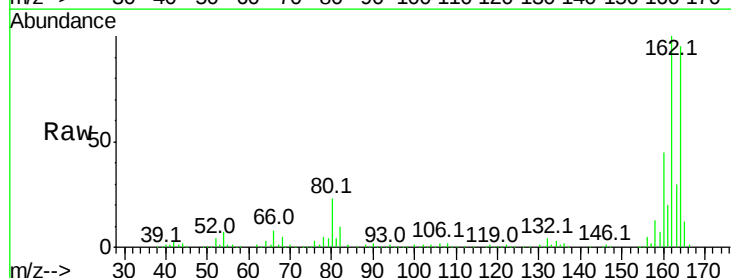
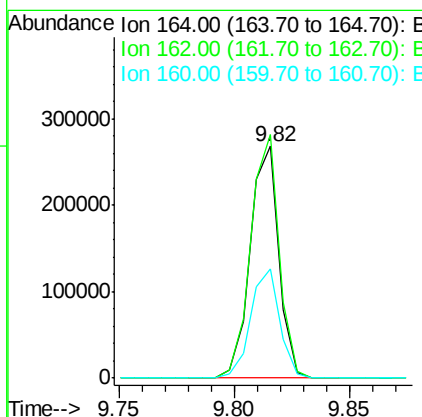
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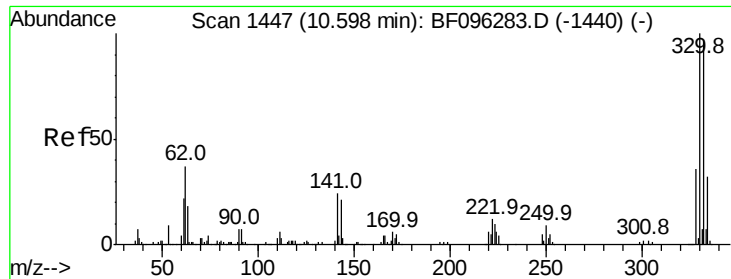
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096253.D
 Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	46.9	36.2	54.2





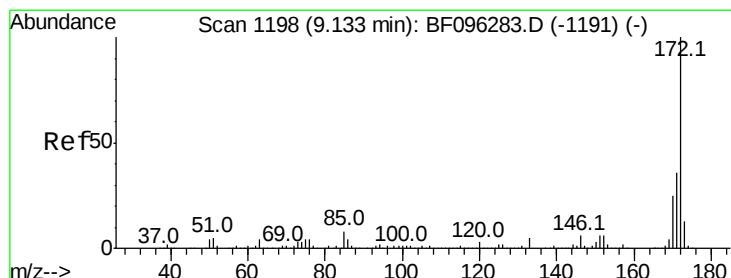
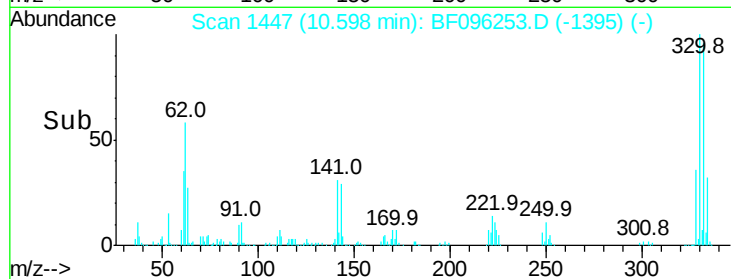
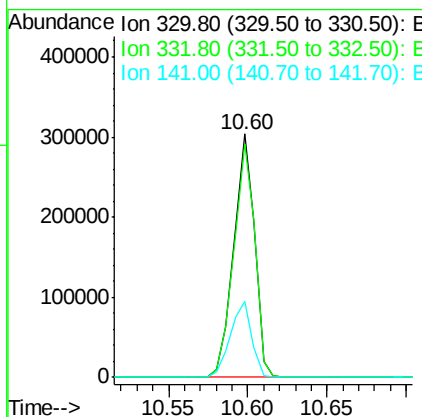
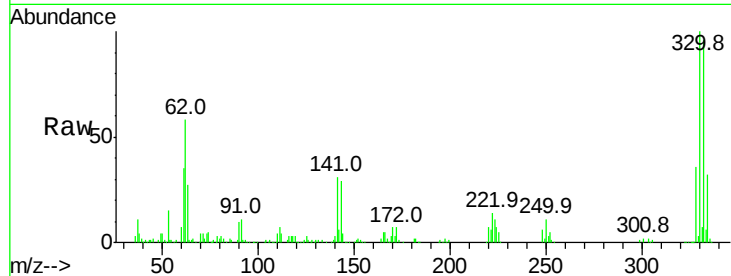
#41
 2,4,6-Tribromophenol
 Concen: 152.05 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096253.D
 Acq: 28 Jun 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-50-20170622

Tot Ion	Ratio	Resp	Lower	Upper
330	100	278011		
332	97.3	76.6	115.0	
141	32.1	31.4	47.2	

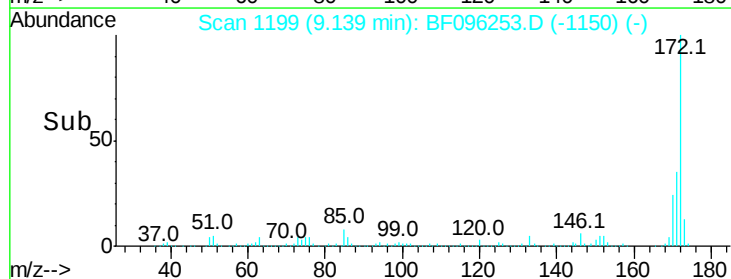
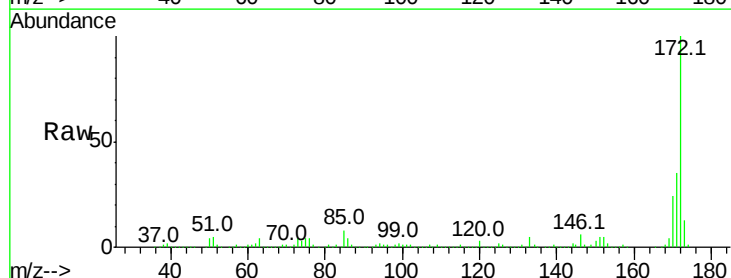
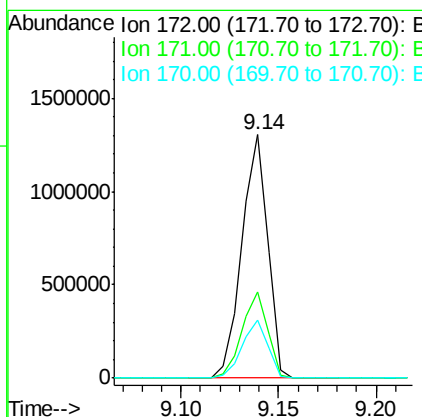
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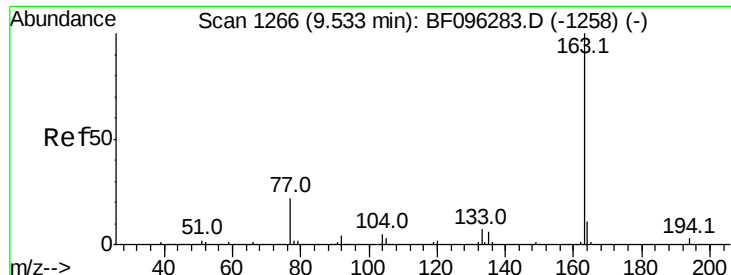
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#44
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096253.D
 Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1198815		
171	35.5	29.6	44.4	
170	24.0	19.8	29.8	





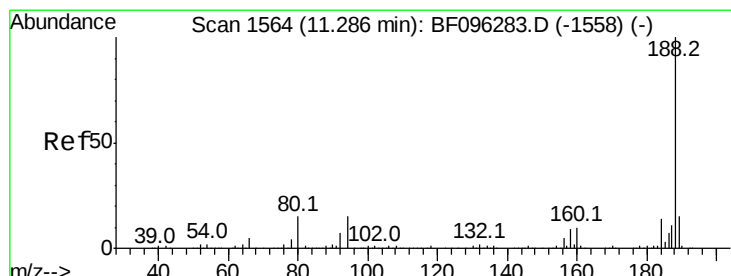
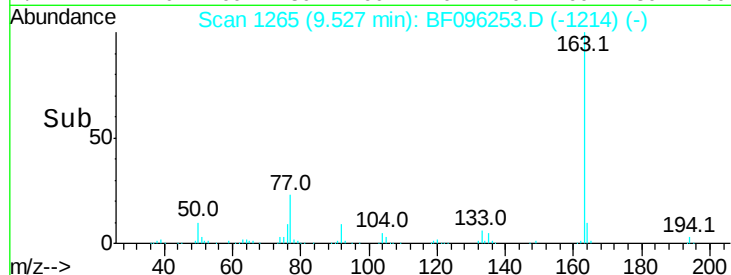
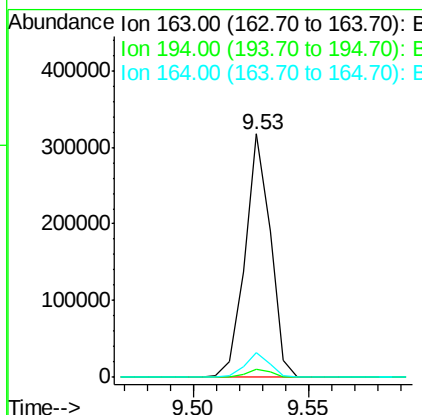
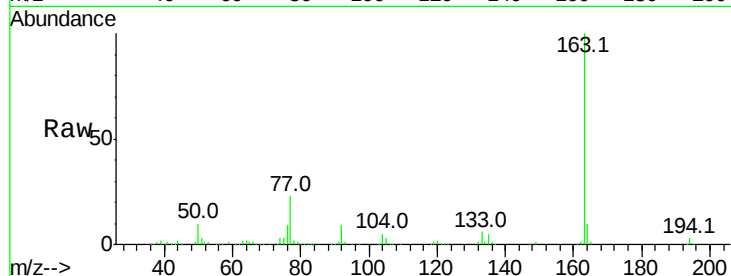
#49
Dimethylphthalate
Concen: 14.70 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Resp	Lower	Upper
163	100	244476		
194	3.3		2.6	4.0
164	10.0		8.4	12.6

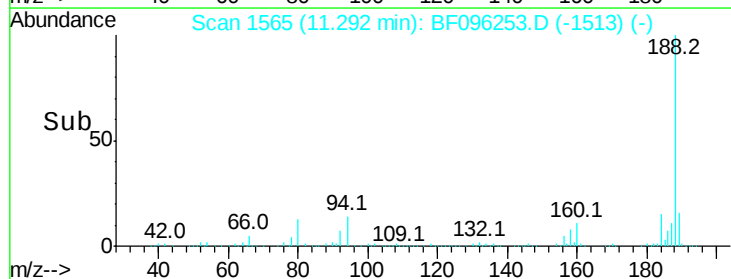
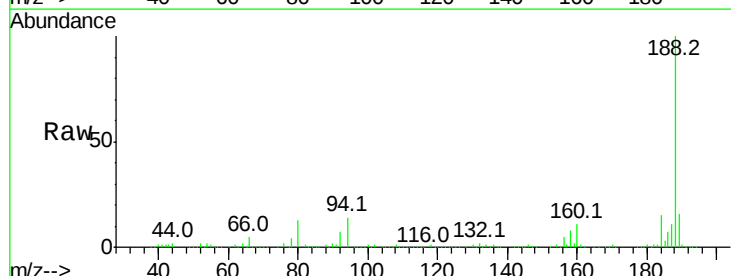
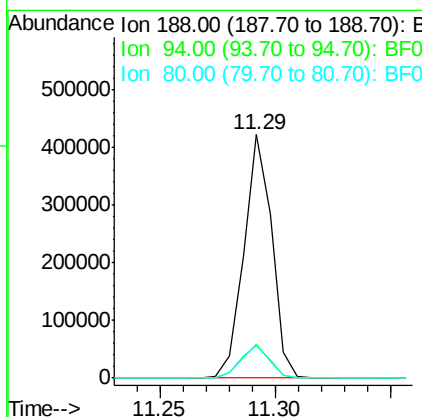
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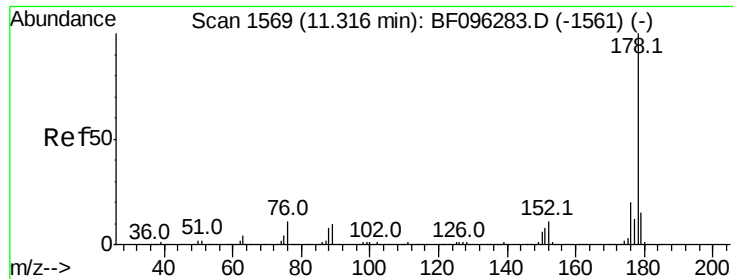
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357643		
94	14.0		9.4	14.2
80	13.2		10.2	15.2





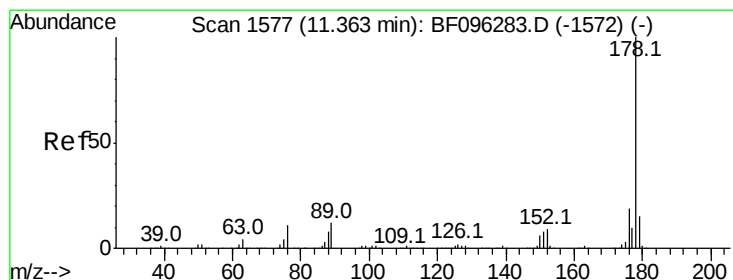
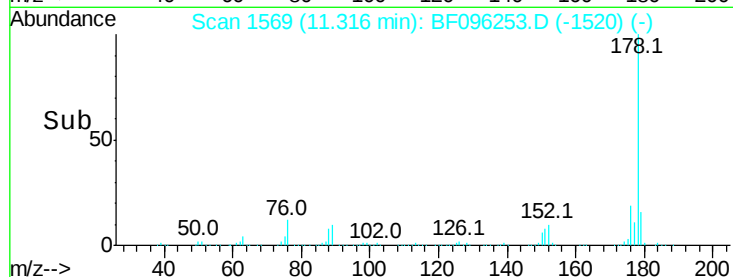
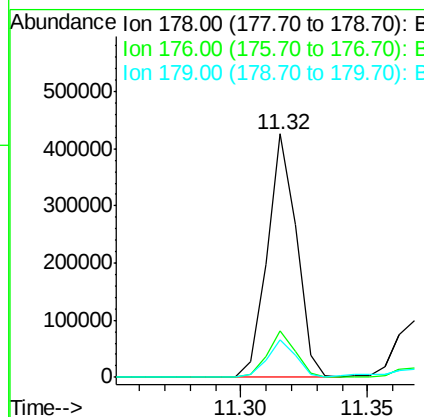
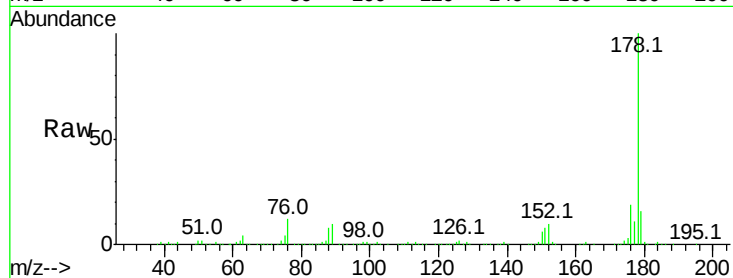
#70
Phenanthrene
Concen: 13.62 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.6	12.6	19.0

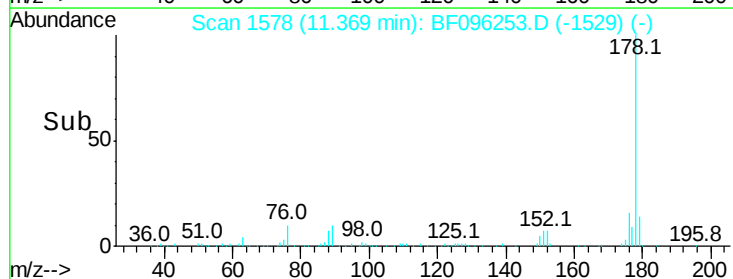
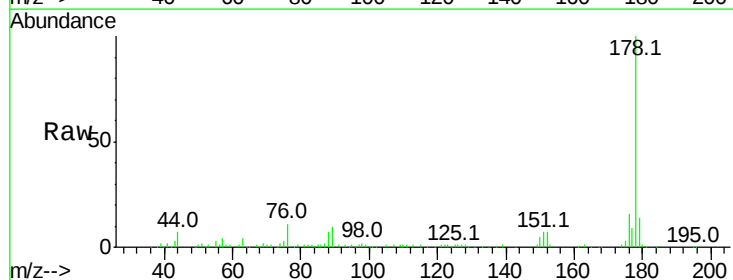
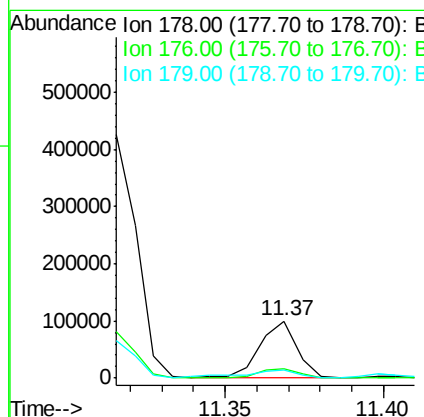
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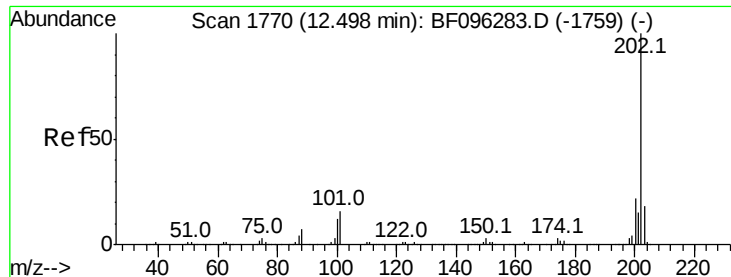
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#71
Anthracene
Concen: 4.03 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.8	23.8
179	14.4	12.7	19.1





#74

Fluoranthene

Concen: 27.00 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Instrument :

BNA_F

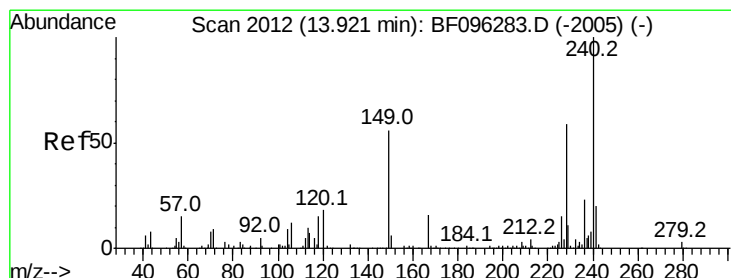
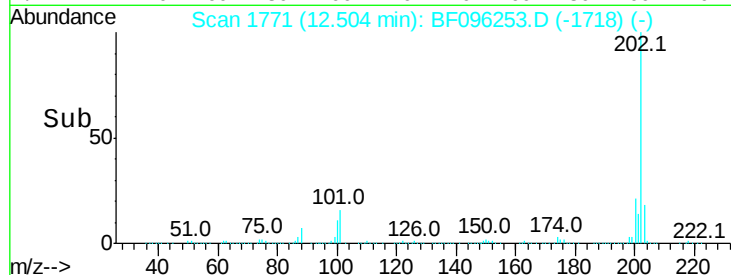
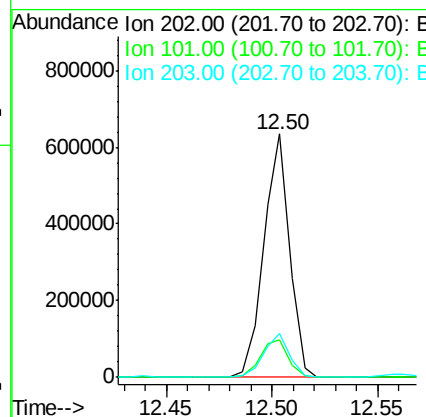
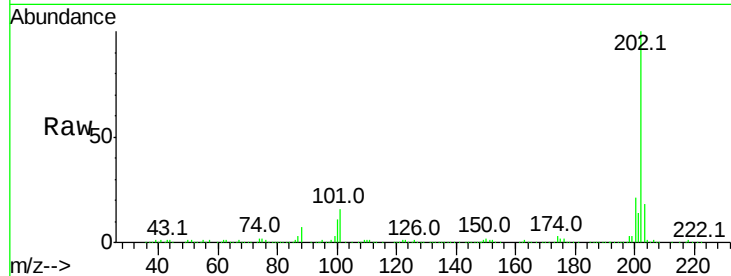
ClientSampleId :

POSTEX-50-20170622

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.6	0.0	33.2
203	17.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

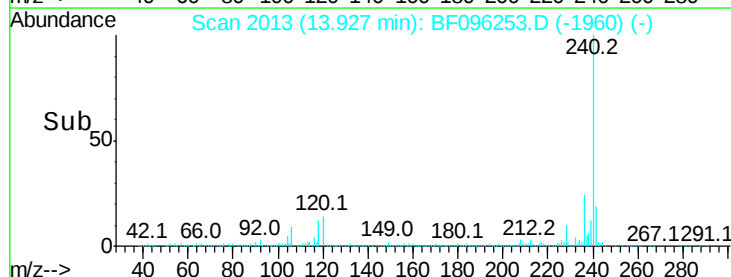
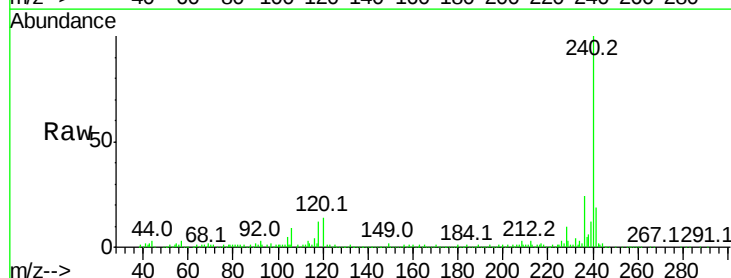
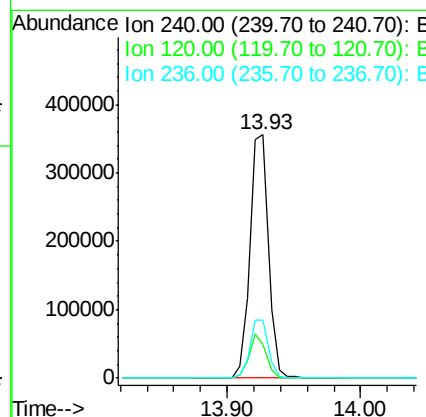
RT: 13.93 min Scan# 2013

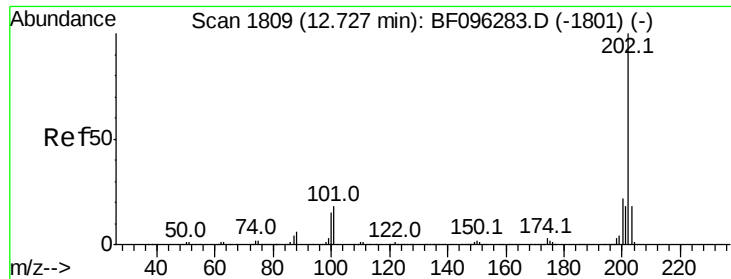
Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	23.8	20.5	30.7





#77

Pvrene

Concen: 17.81 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Instrument :

BNA_F

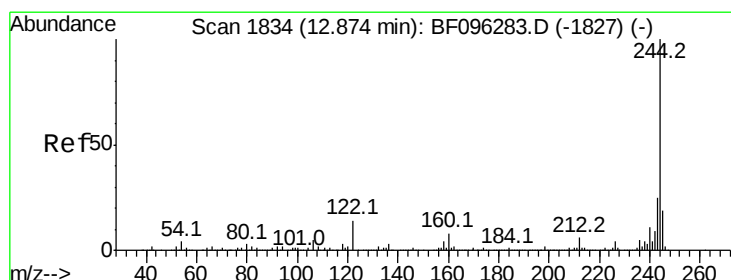
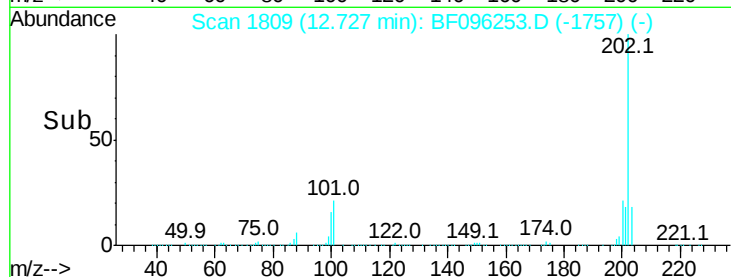
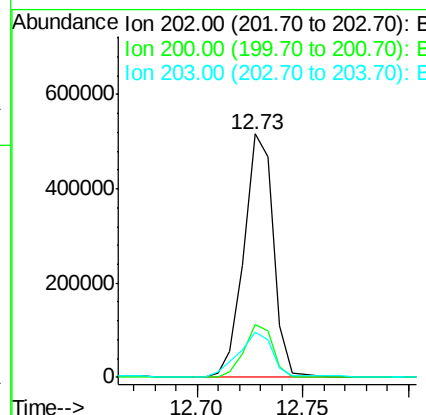
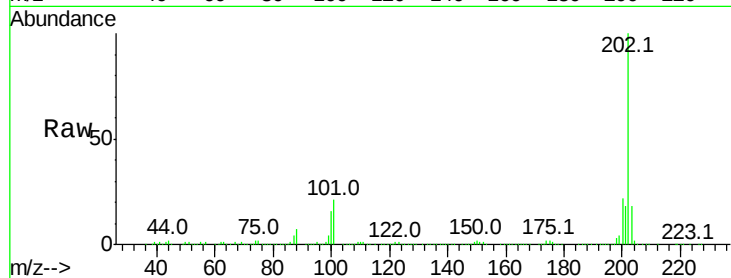
ClientSampleId :

POSTEX-50-20170622

Tot Ion:	202	Resp:	497893
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.4	14.4	21.6

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#78

Terphenyl-d14

Concen: 63.30 ng

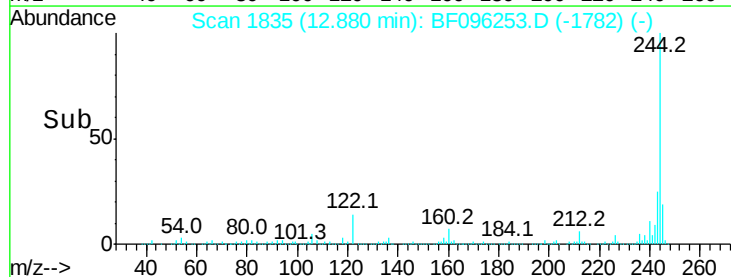
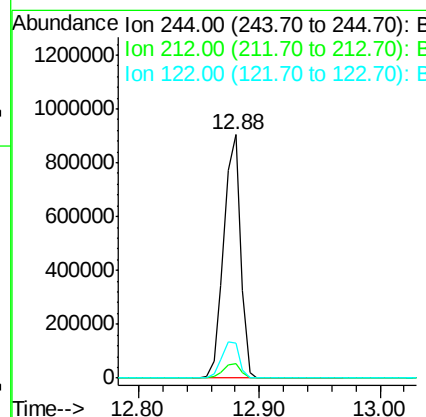
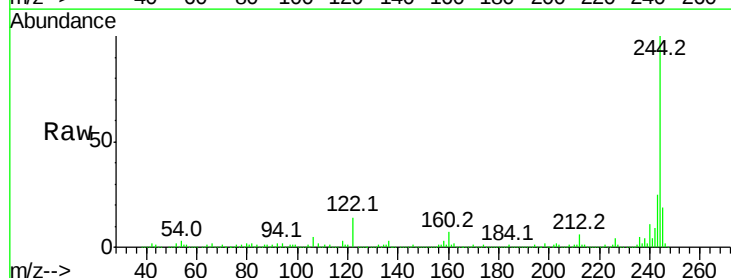
RT: 12.88 min Scan# 1835

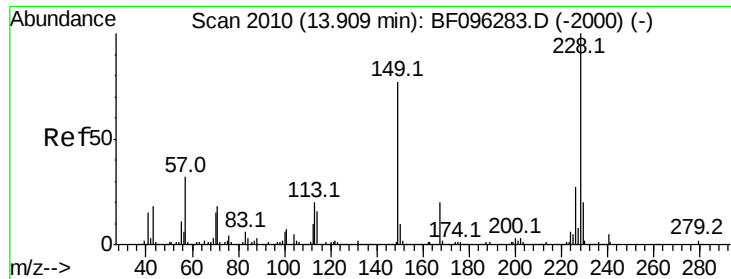
Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Tgt Ion:	244	Resp:	863016
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.0	9.0
122	14.3	10.3	15.5





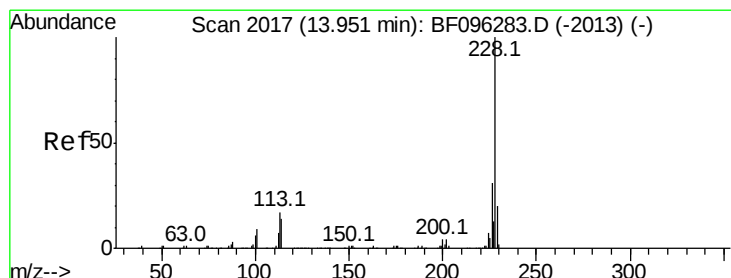
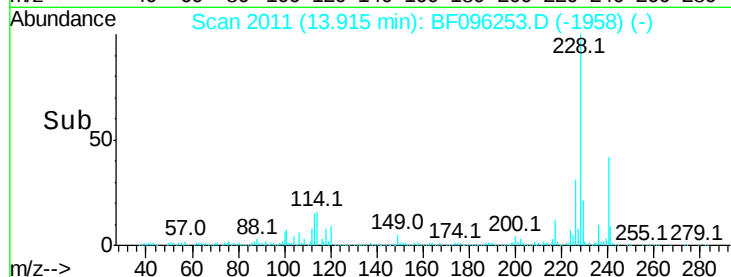
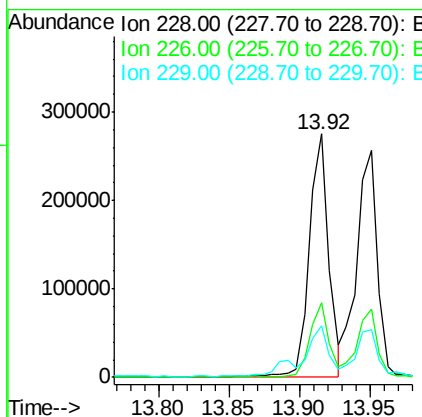
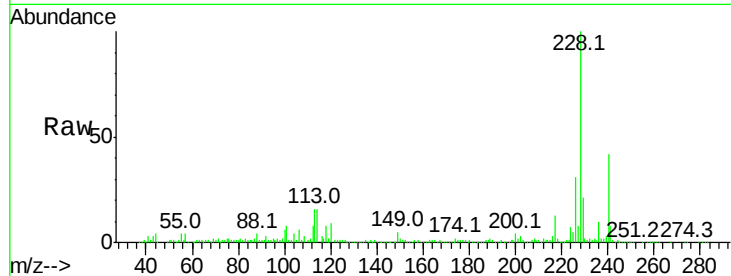
#80
Benzo(a)anthracene
Concen: 12.60 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	21.2	16.3	24.5

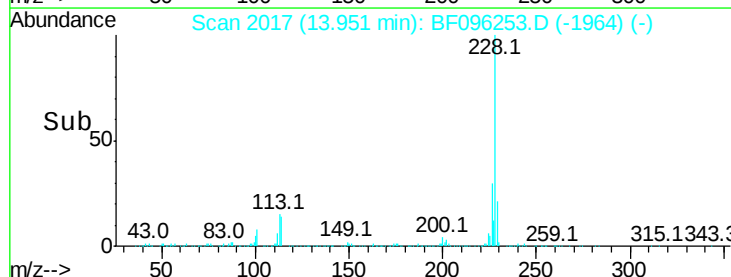
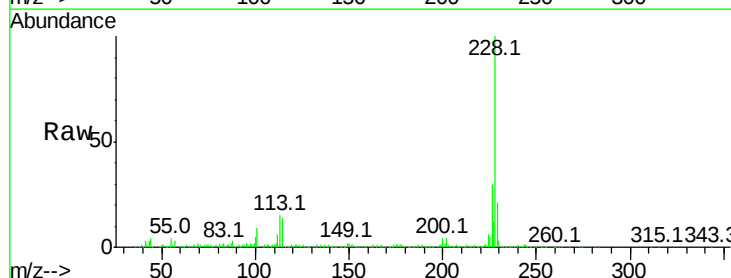
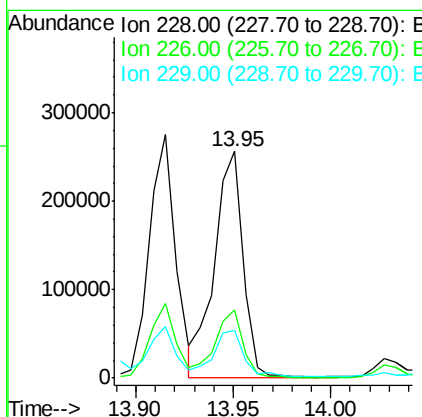
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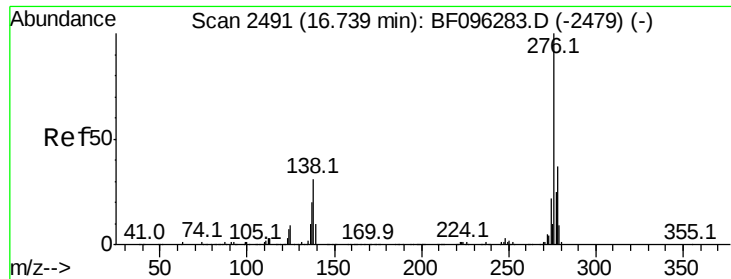
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#82
Chrysene
Concen: 12.21 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.3	15.8	23.6





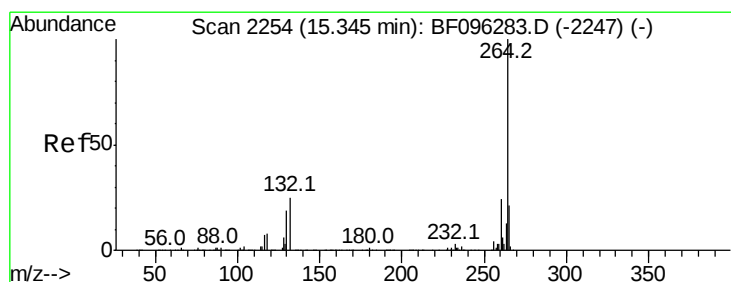
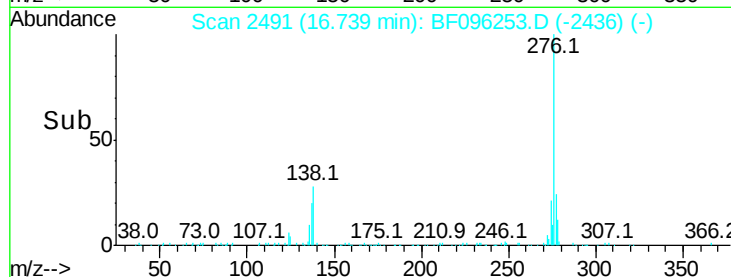
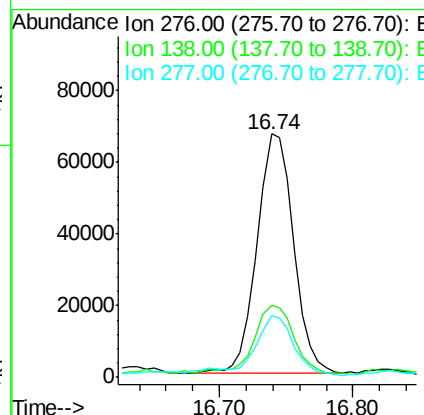
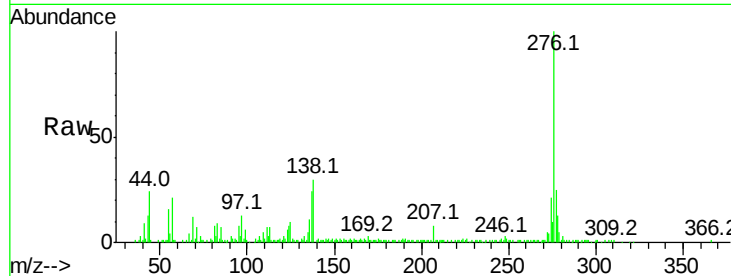
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.14 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	24.8	20.2	30.4

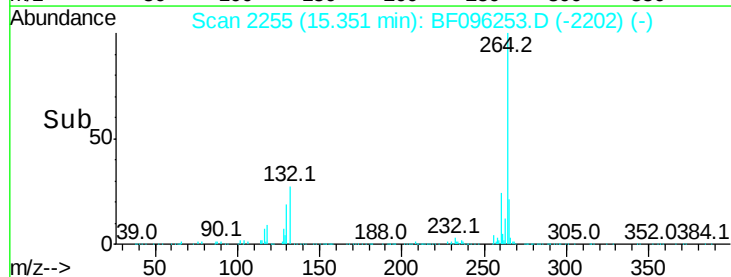
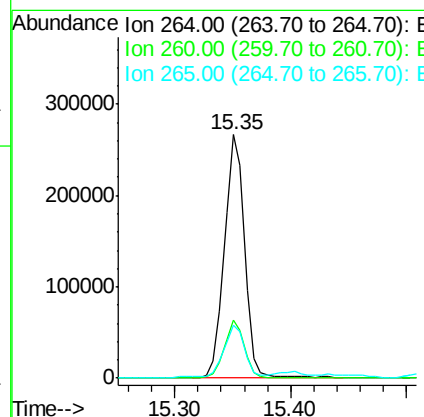
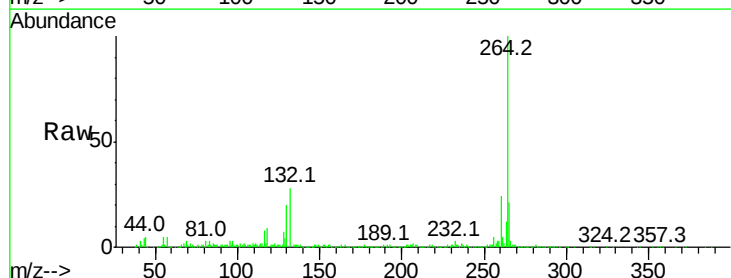
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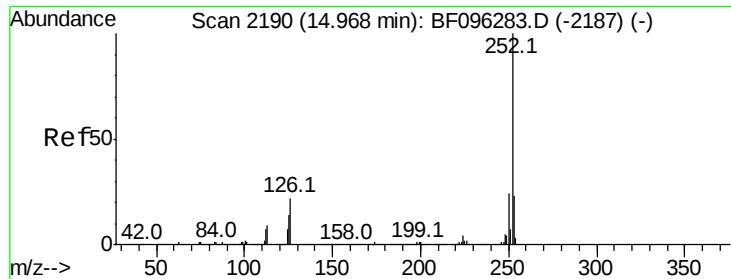
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.33 ng m

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Instrument :

BNA_F

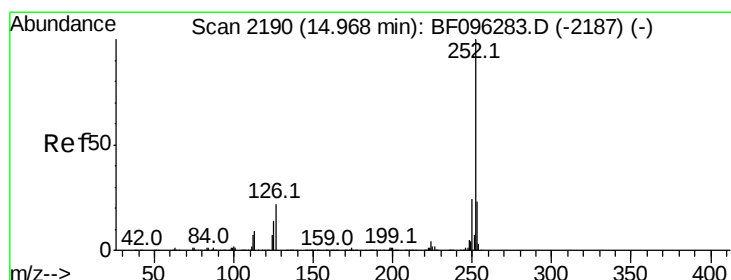
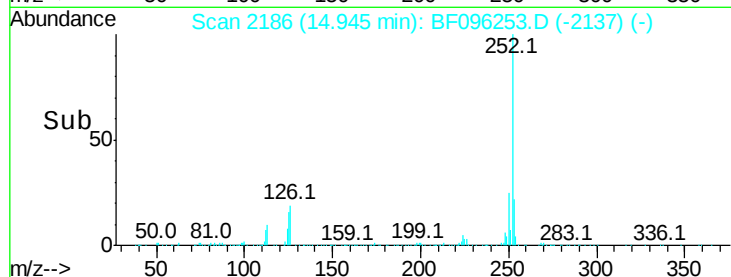
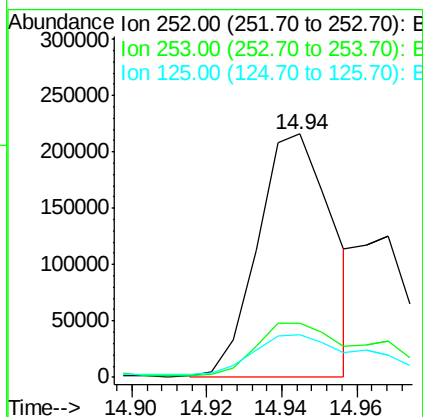
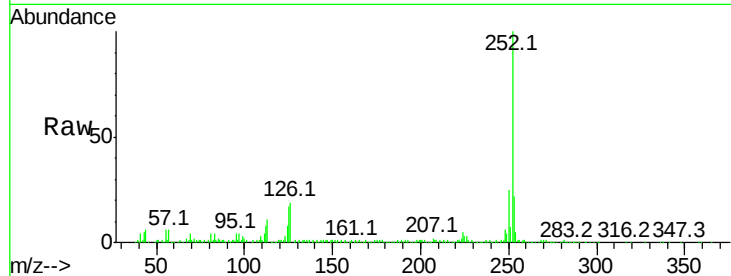
ClientSampleId :

POSTEX-50-20170622

Tot Ion:	252	Resp:	301902
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	17.4	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 6.16 ng m

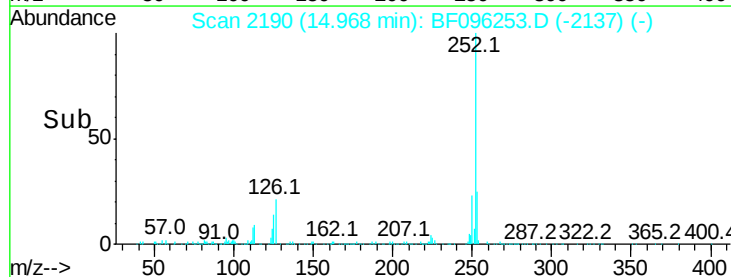
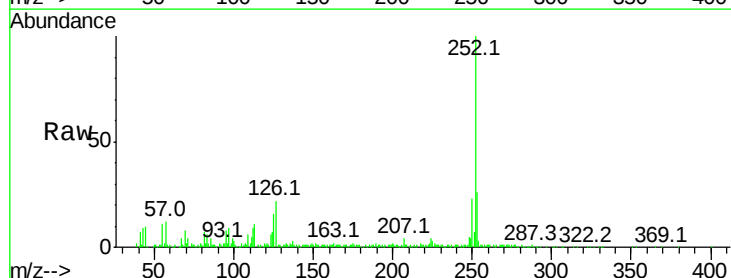
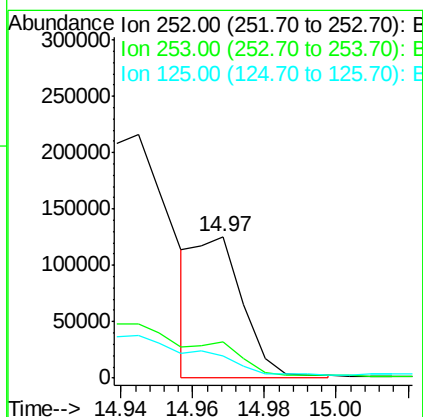
RT: 14.97 min Scan# 2190

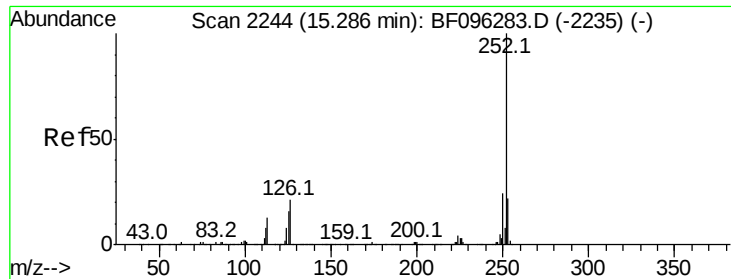
Delta R.T. 0.01 min

Lab File: BF096253.D

Acq: 28 Jun 2017 16:56

Tgt Ion:	252	Resp:	118376
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.4	27.6
125	15.9	13.1	19.7





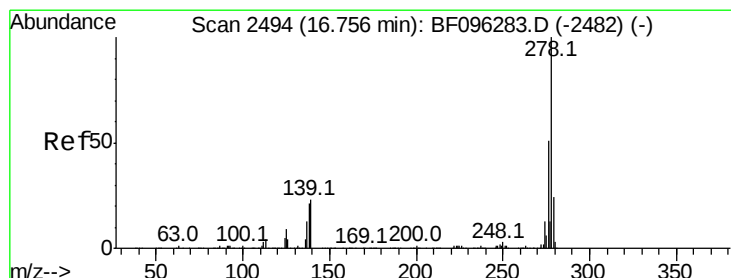
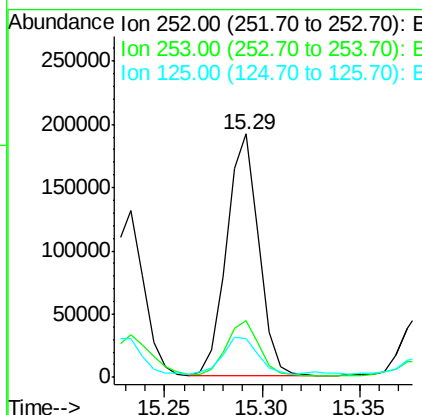
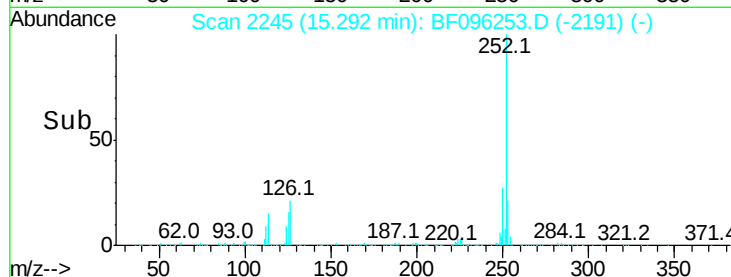
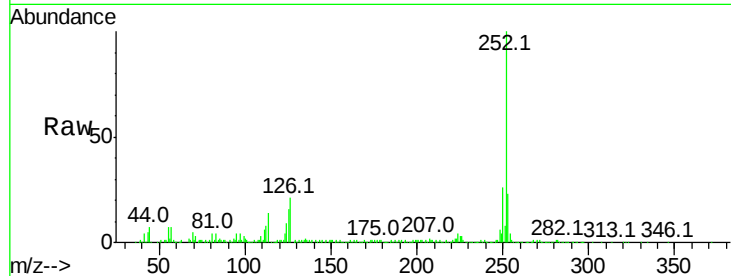
#89
Benzo(a)pyrene
Concen: 11.72 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Instrument :
BNA_F
ClientSampleId :
POSTEX-50-20170622

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.9	11.0	16.4

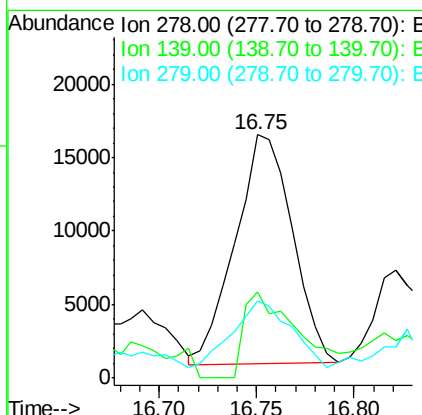
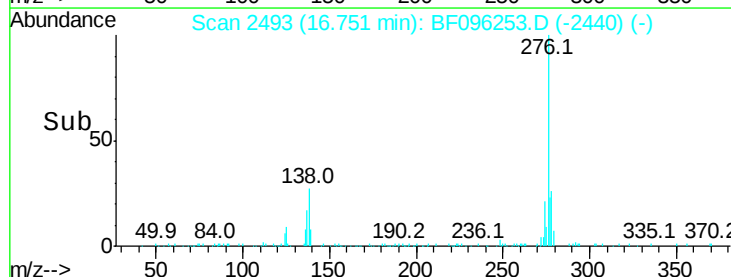
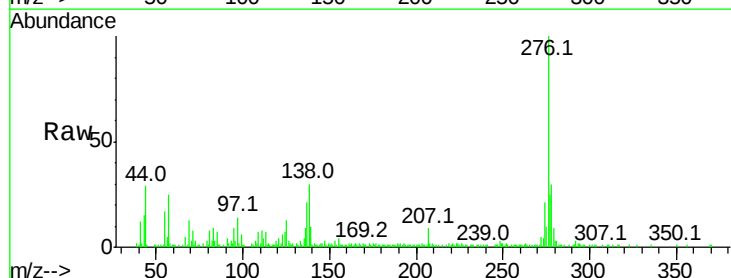
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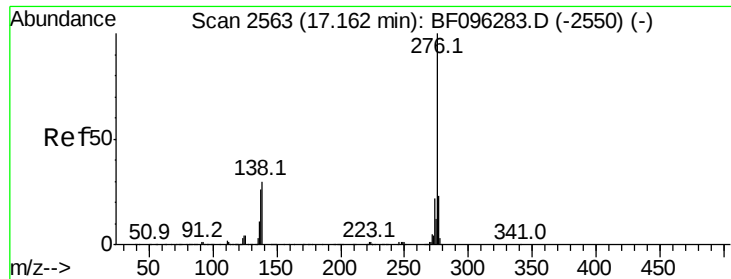
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#90
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF096253.D
Acq: 28 Jun 2017 16:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.2	16.6	24.8#
279	31.5	19.3	28.9#





#91
 Benzo(a,h,i)perylene
 Concen: 7.79 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.03 min
 Lab File: BF096253.D
 Acq: 28 Jun 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-50-20170622

Tot Ion:	276	Resp:	117957
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.6	28.0
138	31.6	25.4	38.0

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