

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095442.D
 Acq On : 26 May 2017 1:13
 Operator : SJ/MA
 Sample : I3223-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-42-20170517

Manual Integrations
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Quant Time: May 26 04:36:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88169	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	359563	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	153807	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	216479	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	185533	20.00	ng	-0.02
86) Perylene-d12	20.36	264	134668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	332811	62.93	ng	-0.02
7) Phenol-d6	7.30	99	411651	64.88	ng	-0.01
23) Nitrobenzene-d5	8.65	82	217482	38.14	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	65219	51.78	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	483023	45.20	ng	-0.02
78) Terphenyl-d14	17.32	244	294287	34.94	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	78805	6.24	ng	99
70) Phenanthrene	15.04	178	165443	13.30	ng	99
71) Anthracene	15.14	178	36038m	2.84	ng	
74) Fluoranthene	16.78	202	273515	21.44	ng	98
77) Pyrene	17.09	202	268401	19.34	ng	96
80) Benzo(a)anthracene	18.67	228	106804	9.89	ng	96
82) Chrysene	18.71	228	125921m	12.06	ng	
85) Indeno(1,2,3-cd)pyrene	21.70	276	45810	5.40	ng	93
87) Benzo(b)fluoranthene	19.95	252	109555m	13.17	ng	
88) Benzo(k)fluoranthene	19.98	252	46052m	5.74	ng	
89) Benzo(a)pyrene	20.31	252	78457	10.22	ng	96
91) Benzo(a,h,i)perylene	22.09	276	47565	7.64	ng	94

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

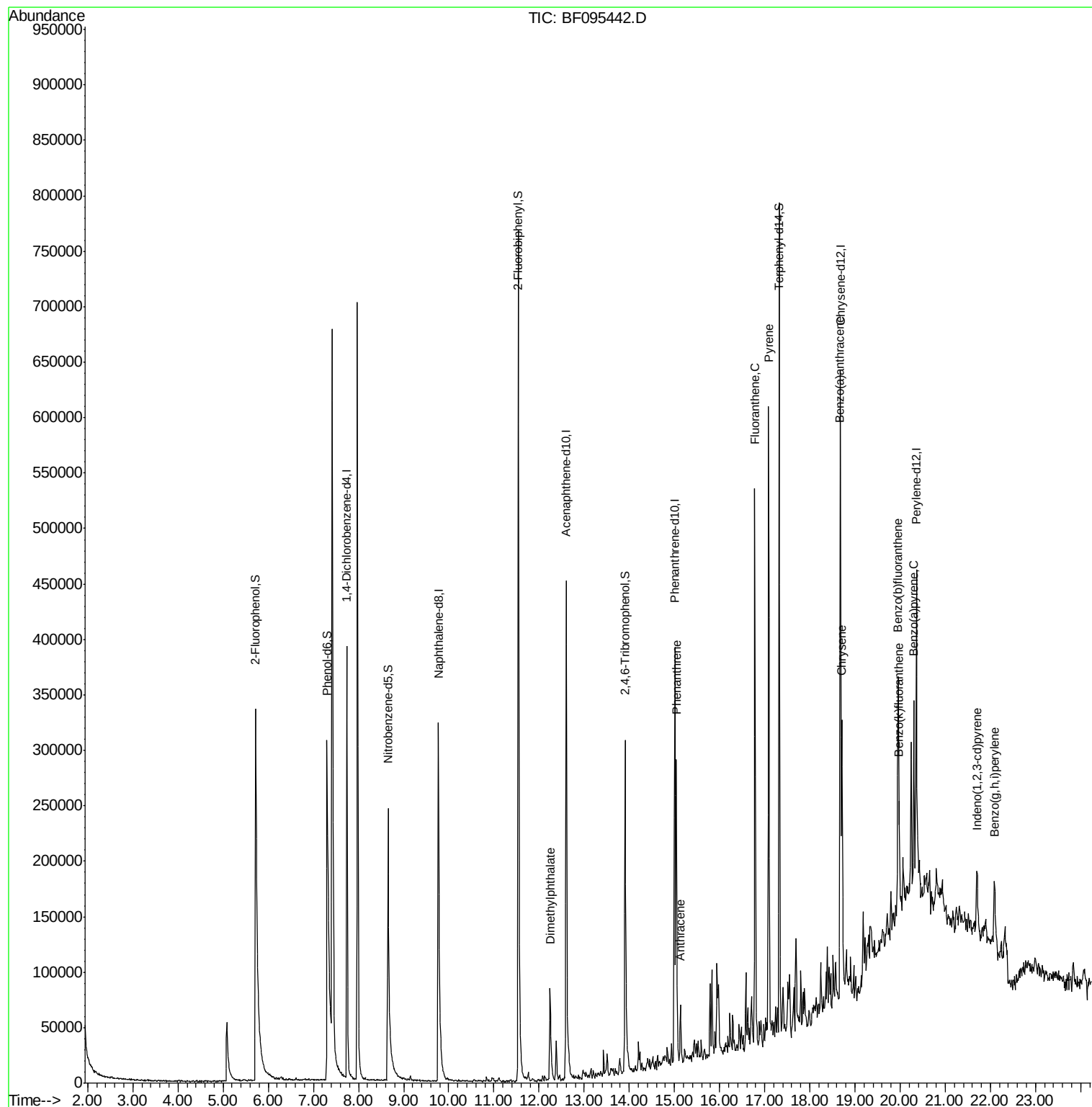
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Sample : I3223-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

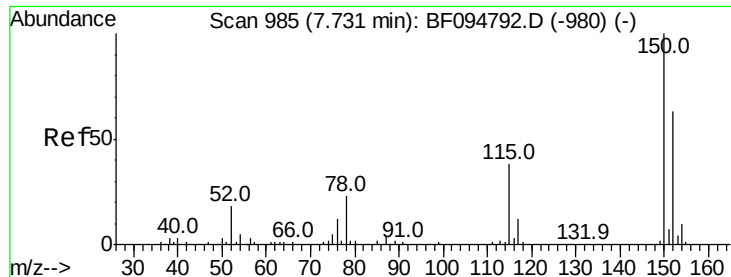
Instrument :
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Quant Time: May 26 04:36:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

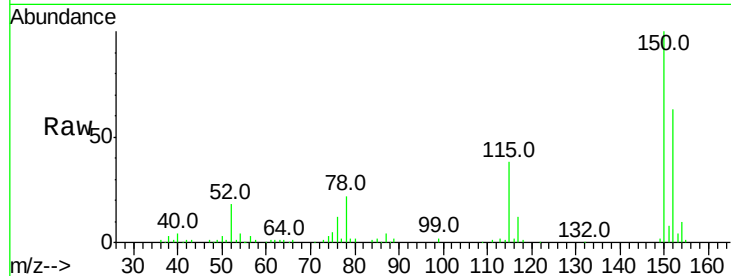
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	60.6	52.2	78.2

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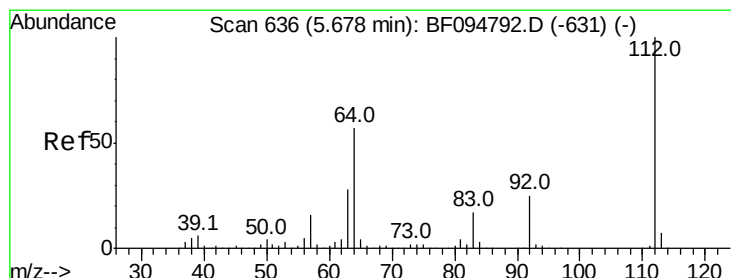
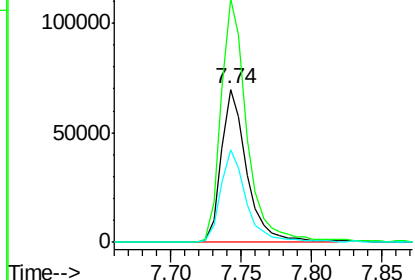
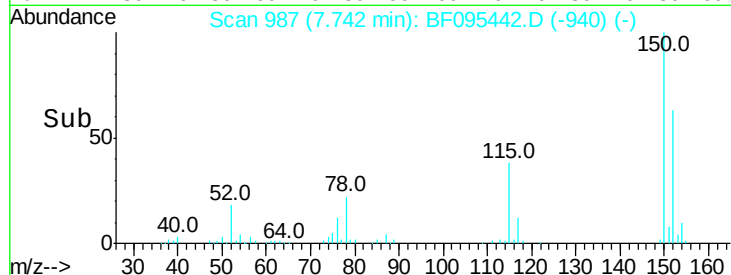


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

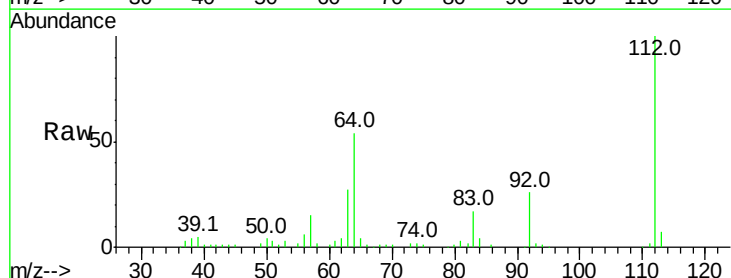
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.93 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.7	23.4	35.0

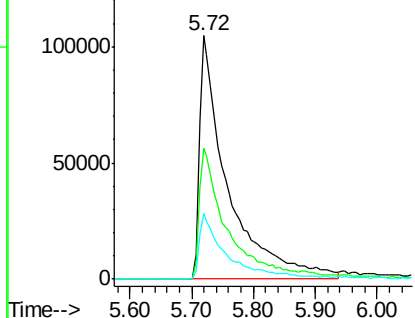
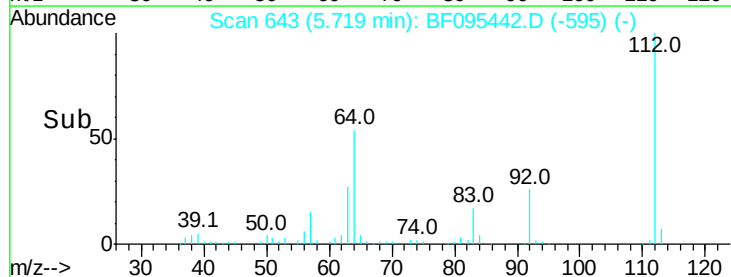


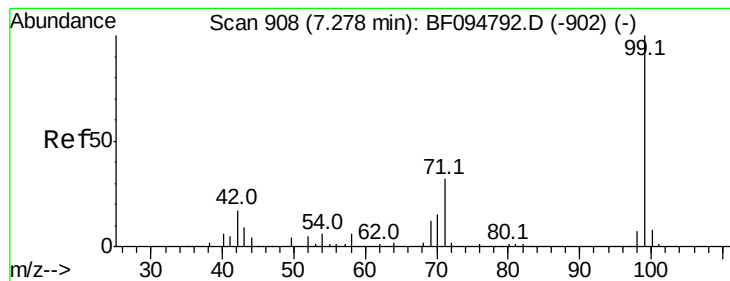
Abundance

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: 64.88 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

Instrument :

BNA_F

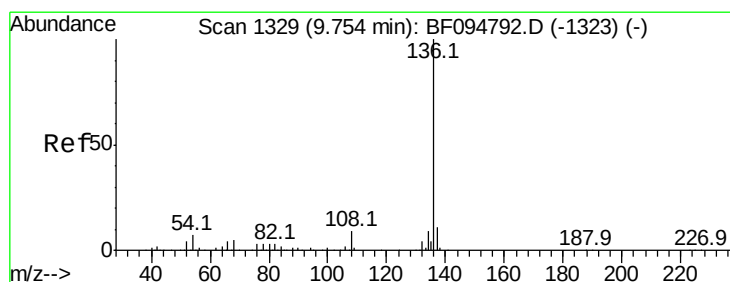
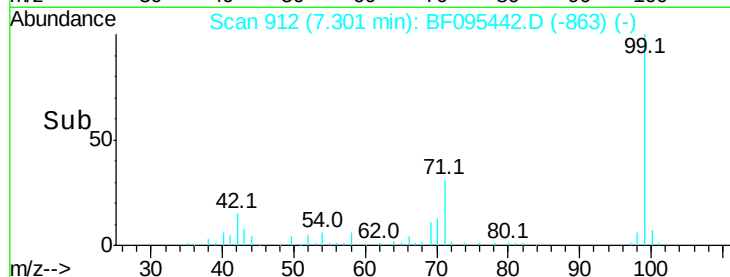
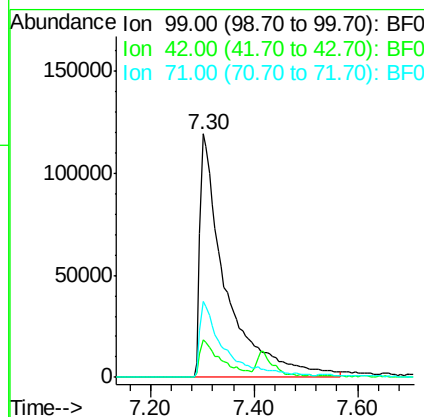
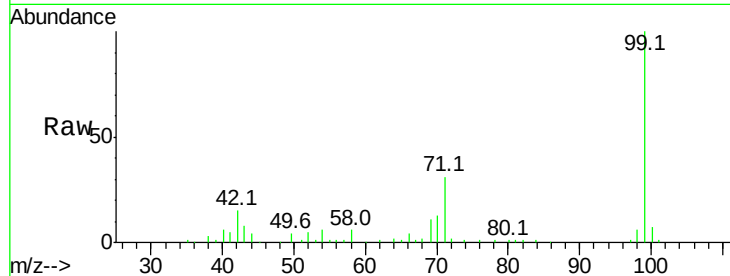
ClientSampleId :

POSTEX-42-20170517

Tot Ion:	99	Resp:	411651
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

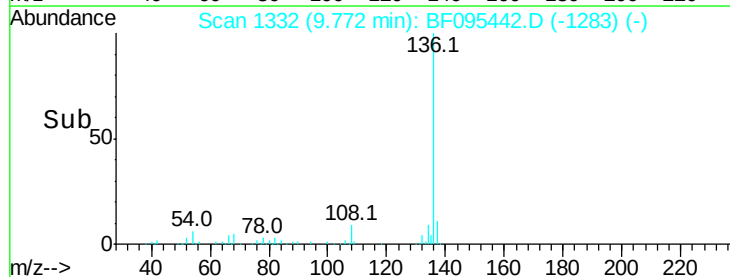
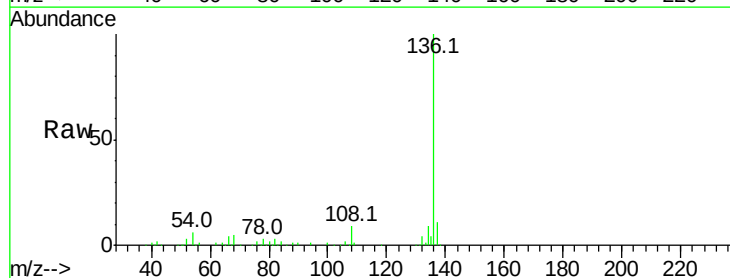
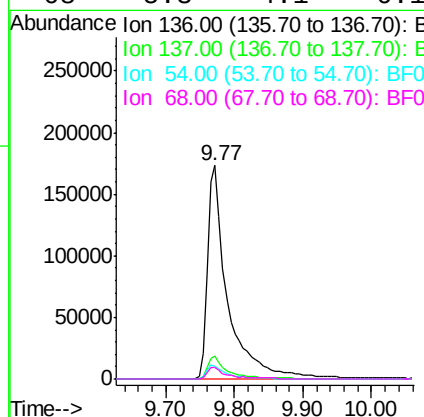
RT: 9.77 min Scan# 1332

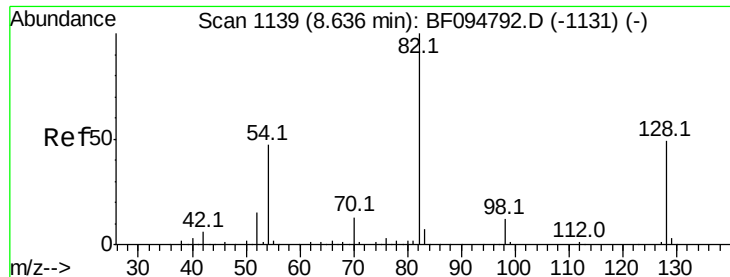
Delta R.T. -0.01 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

Tgt Ion:	136	Resp:	359563
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.2	4.9	7.3
68	5.3	4.1	6.1





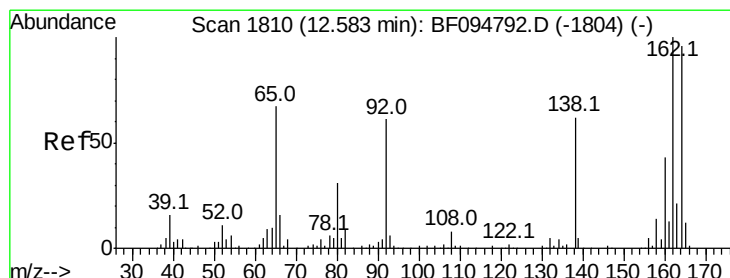
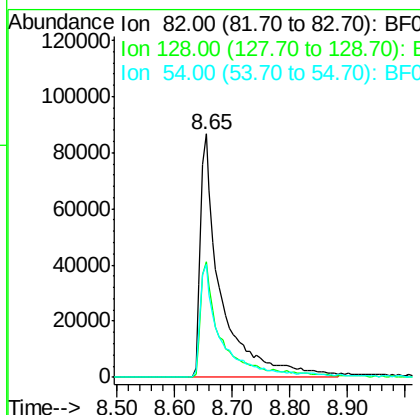
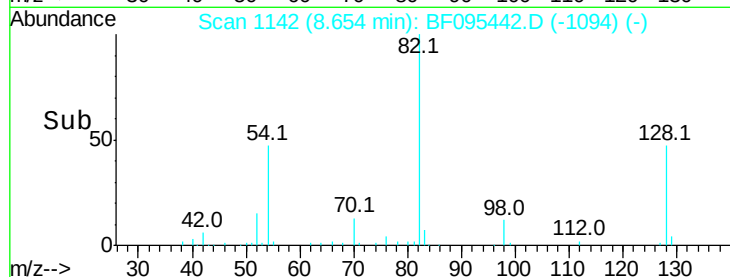
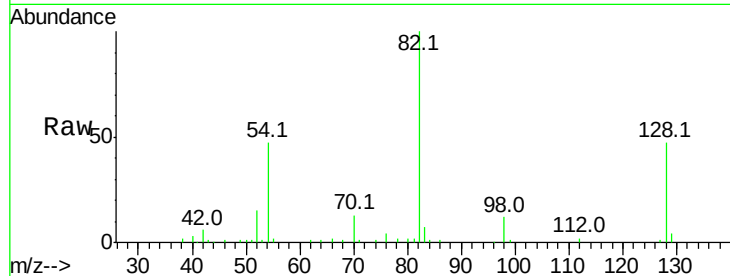
#23
 Nitrobenzene-d5
 Concen: 38.14 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	46.6	42.2	63.2

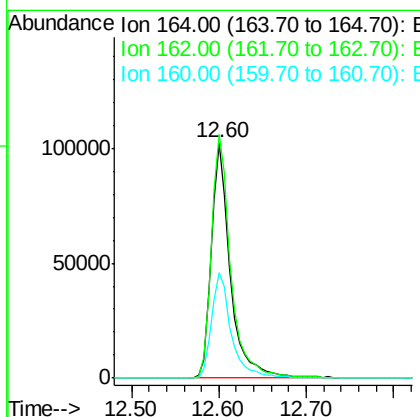
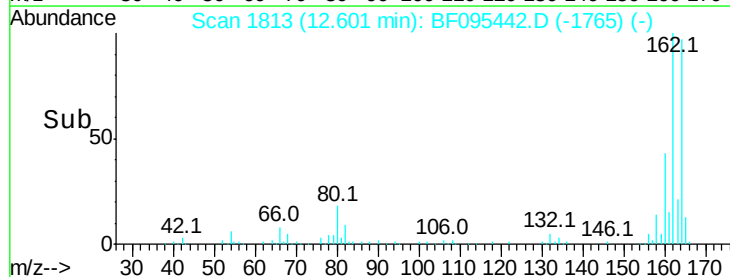
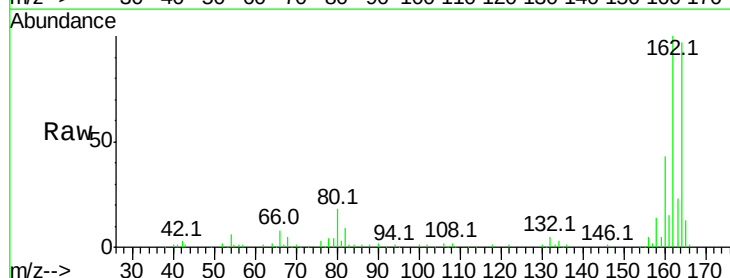
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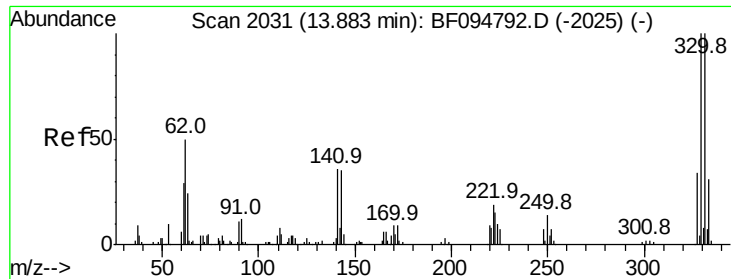
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.1	36.2	54.2





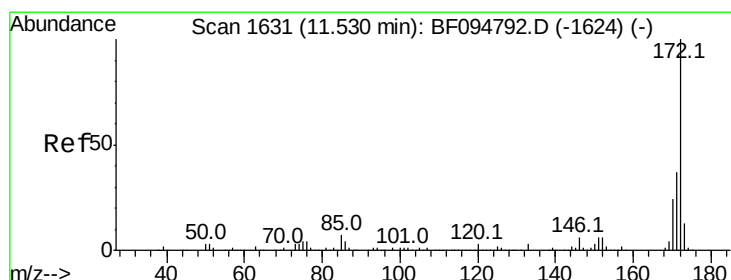
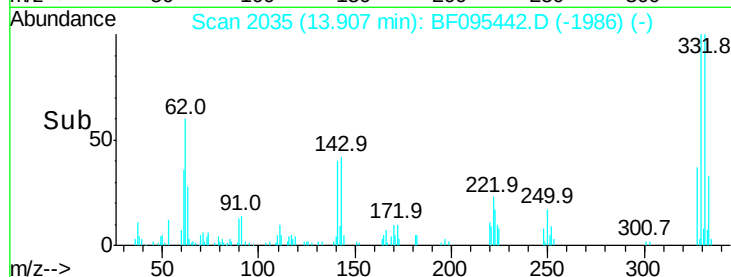
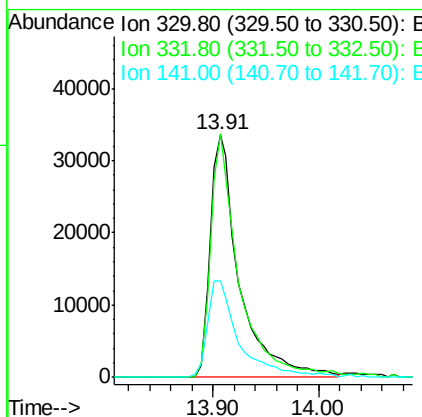
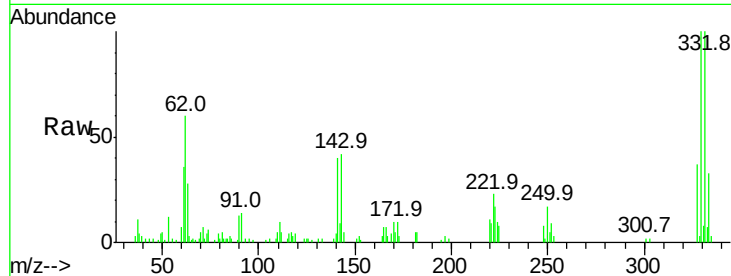
#41
 2,4,6-Tribromophenol
 Concen: 51.78 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	65219		
332	97.0		76.6	115.0
141	42.7		31.4	47.2

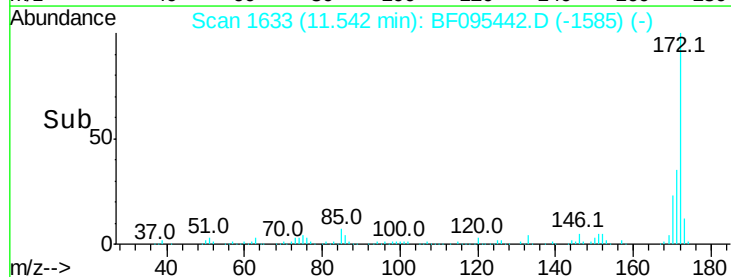
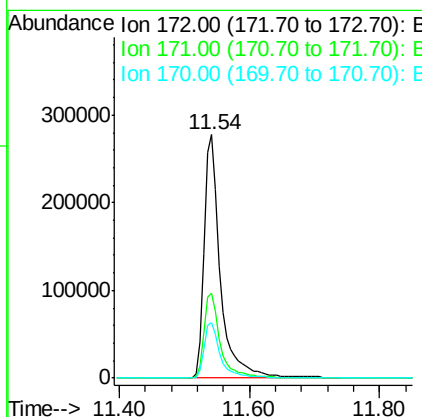
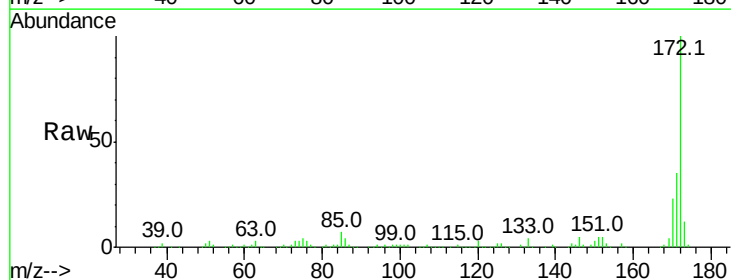
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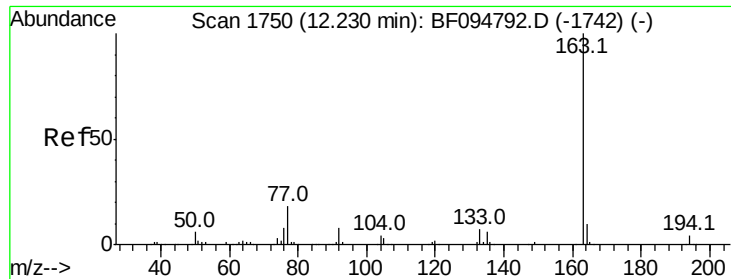
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#44
 2-Fluorobiphenyl
 Concen: 45.20 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	483023		
171	34.9		29.6	44.4
170	22.7		19.8	29.8





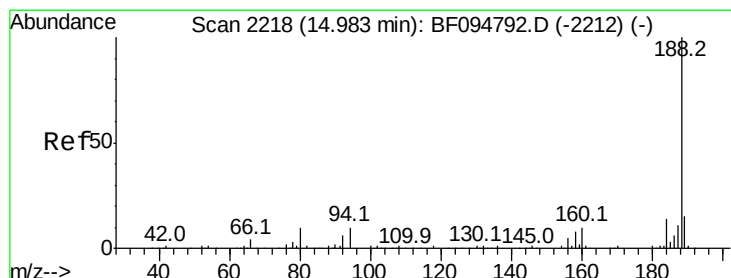
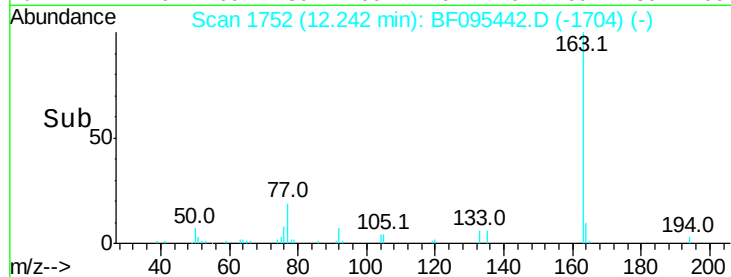
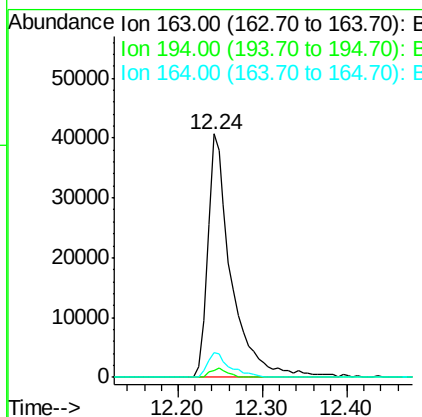
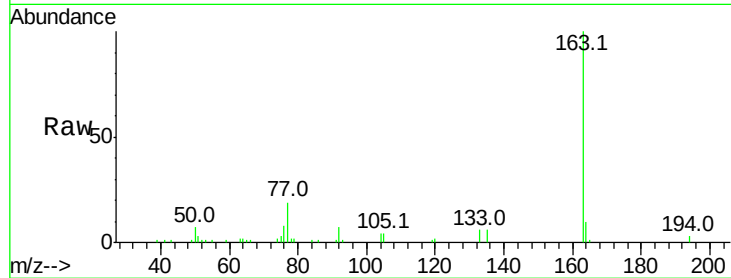
#49
Dimethylphthalate
Concen: 6.24 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9	2.6	4.0	
164	10.3	8.4	12.6	

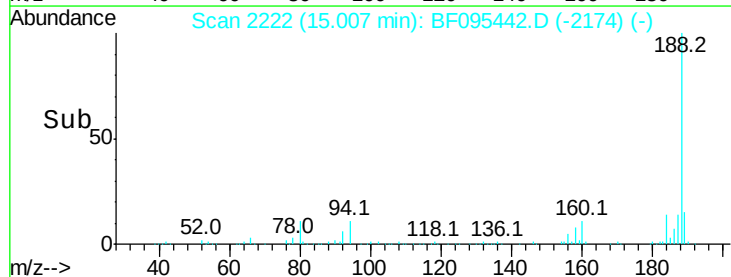
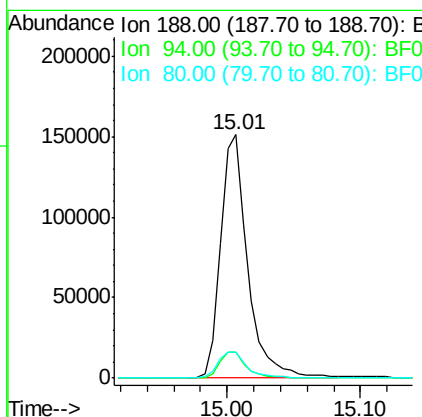
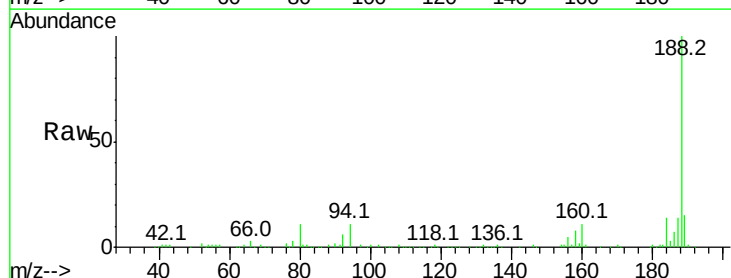
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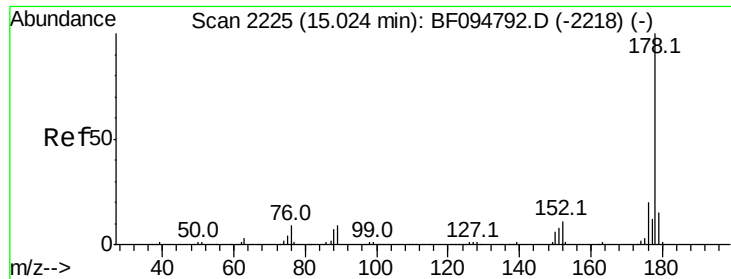
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	10.9	10.2	15.2	





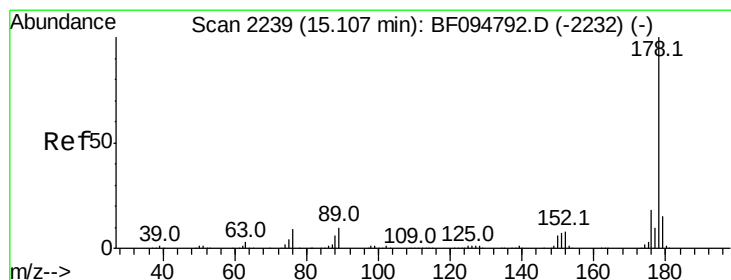
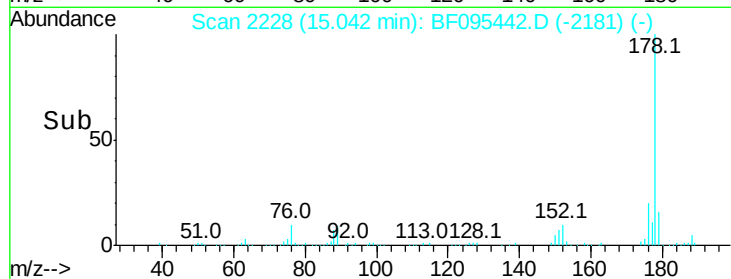
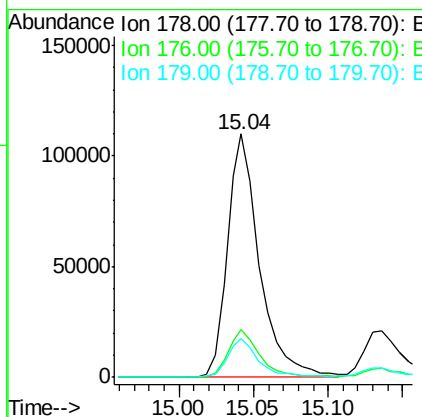
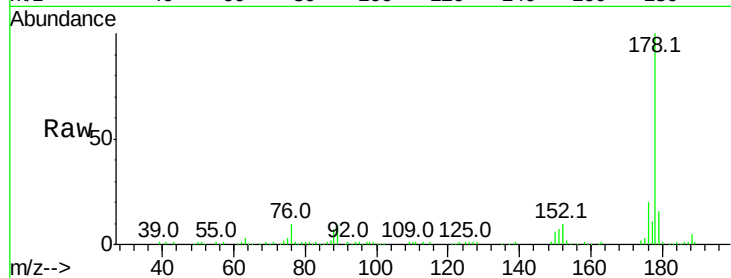
#70
Phenanthrene
Concen: 13.30 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.0	12.6	19.0

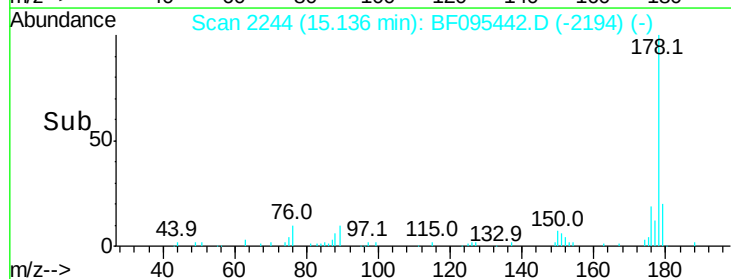
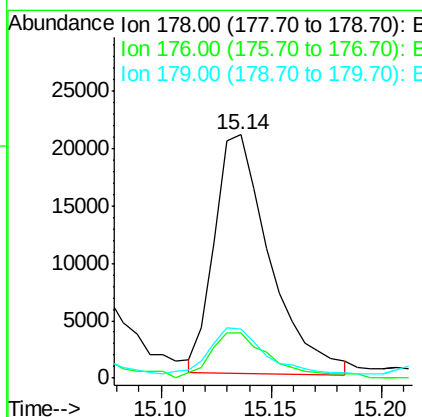
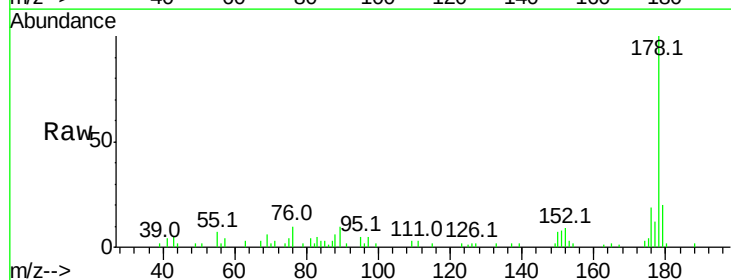
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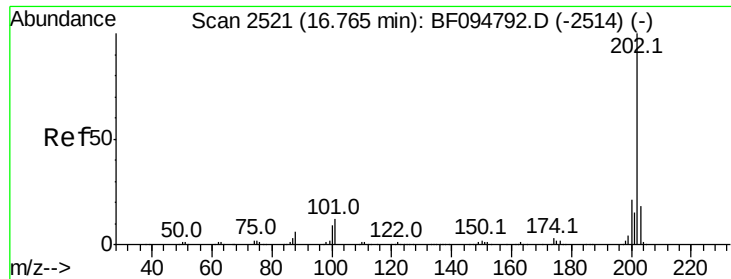
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#71
Anthracene
Concen: 2.84 ng m
RT: 15.14 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	20.3	12.7	19.1





#74

Fluoranthene

Concen: 21.44 ng

RT: 16.78 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

Instrument :

BNA_F

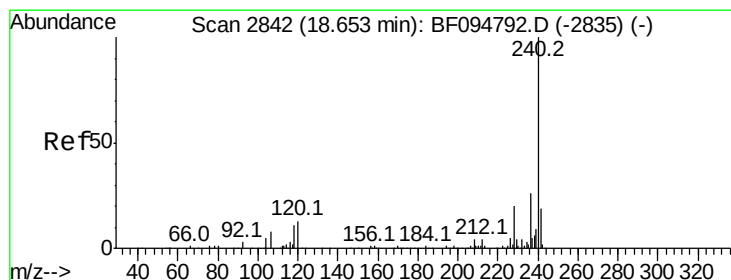
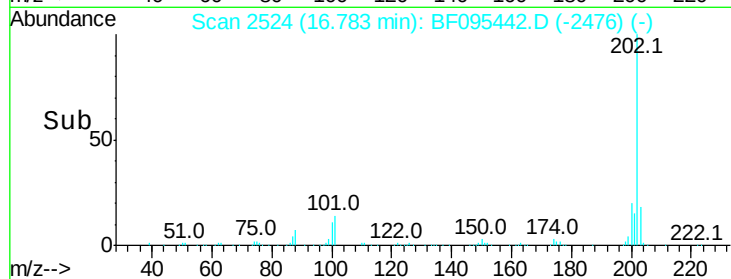
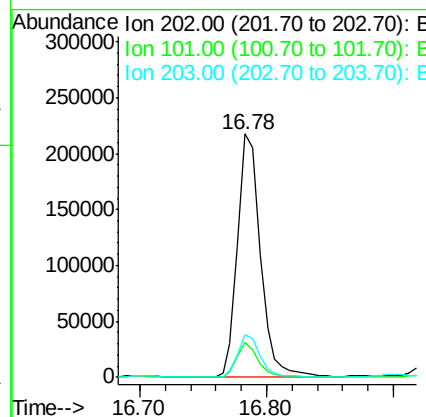
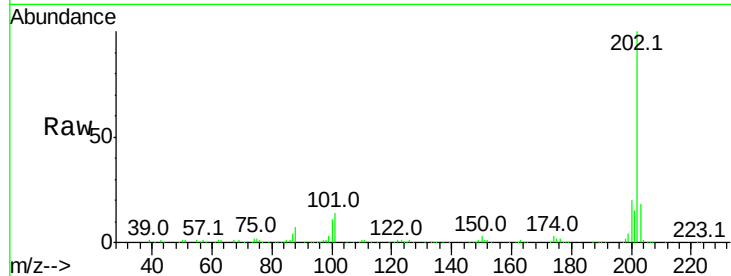
ClientSampleId :

POSTEX-42-20170517

Tot Ion	Ratio	Resp	Lower	Upper
202	100	273515		
101	14.4	0.0	33.2	
203	17.8	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

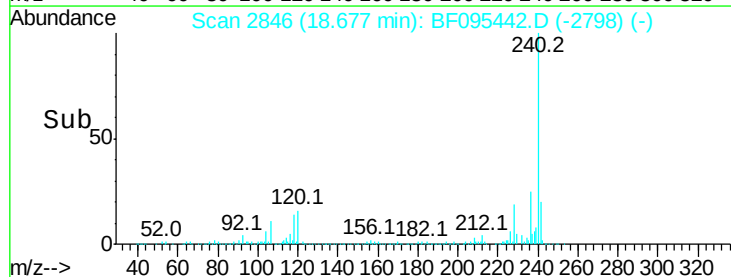
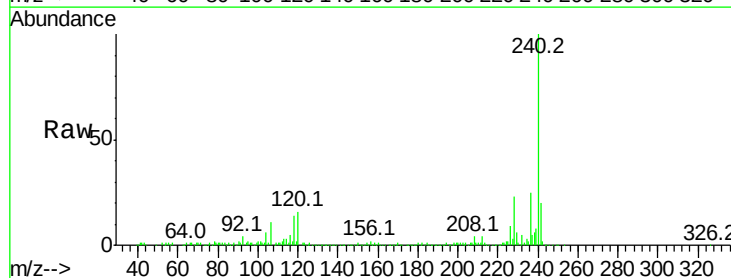
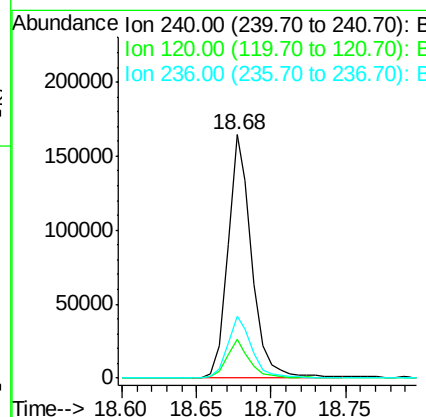
RT: 18.68 min Scan# 2846

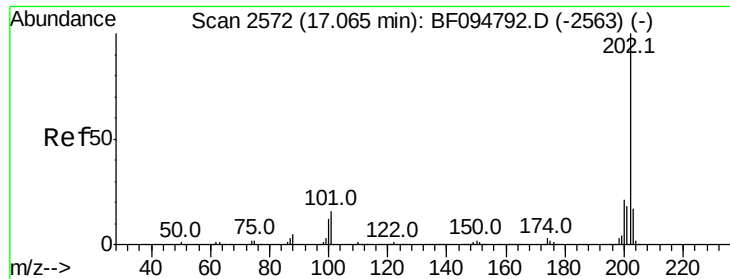
Delta R.T. -0.02 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	185533		
120	15.7	5.8	8.8#	
236	25.2	20.5	30.7	





#77

Pvrene

Concen: 19.34 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

Instrument :

BNA_F

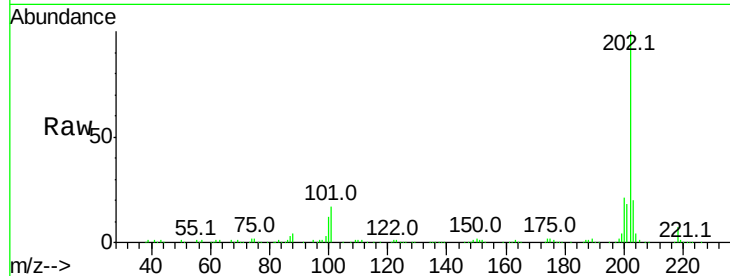
ClientSampleId :

POSTEX-42-20170517

Tot Ion:202	Resp:	268401
Ion Ratio	Lower	Upper
202 100		
200 20.7	17.6	26.4
203 20.0	14.4	21.6

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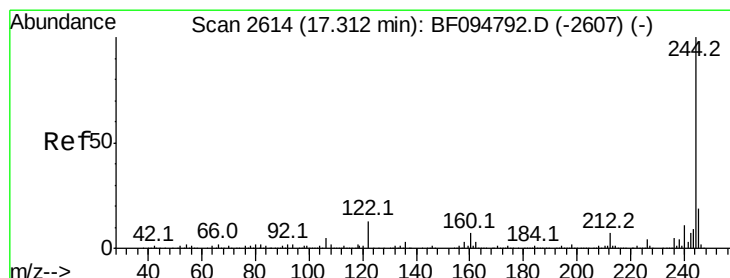
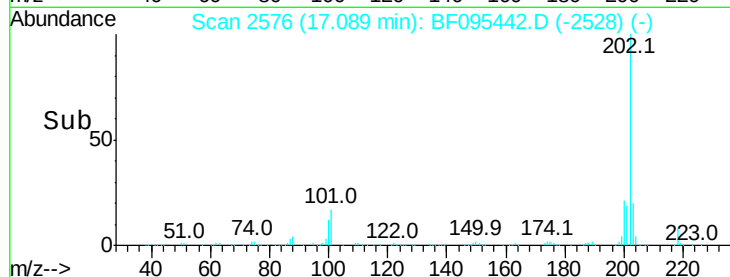
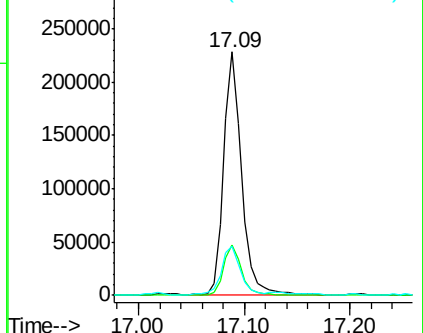
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 34.94 ng

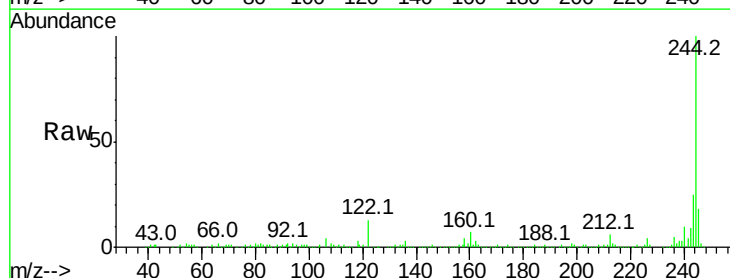
RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095442.D

Acq: 26 May 2017 1:13

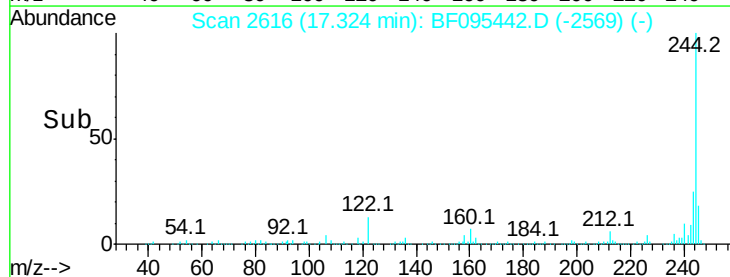
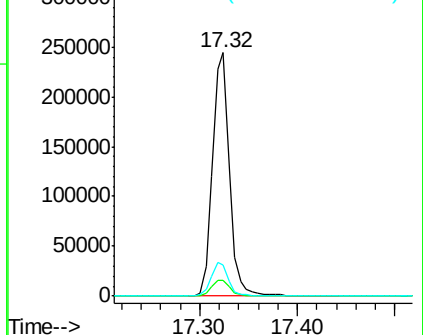
Tgt Ion:244	Resp:	294287
Ion Ratio	Lower	Upper
244 100		
212 6.4	6.0	9.0
122 12.9	10.3	15.5

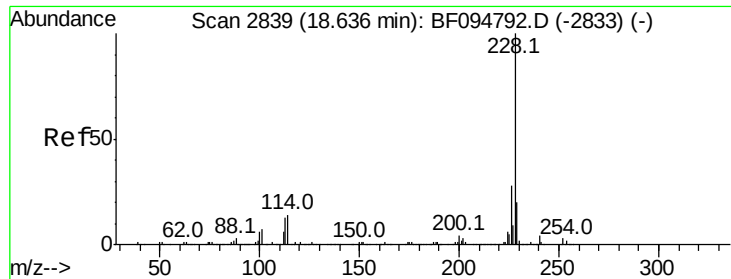


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





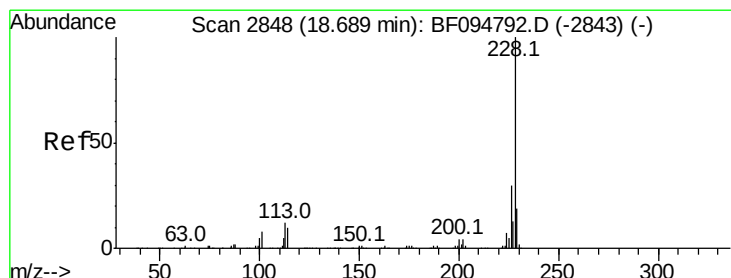
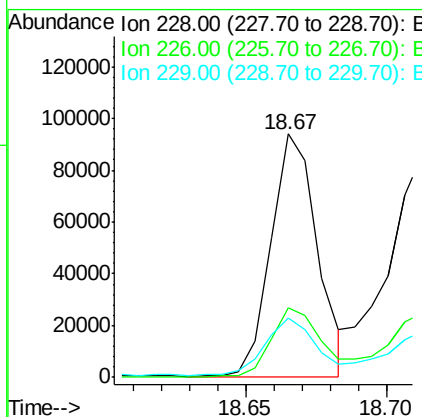
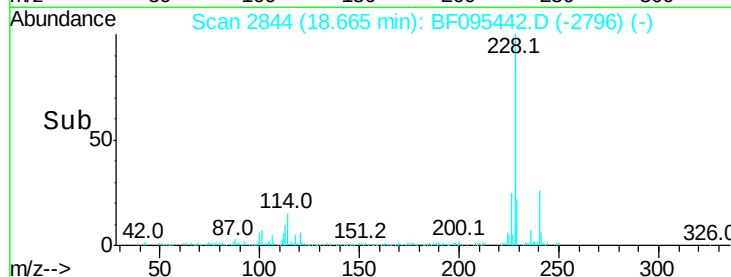
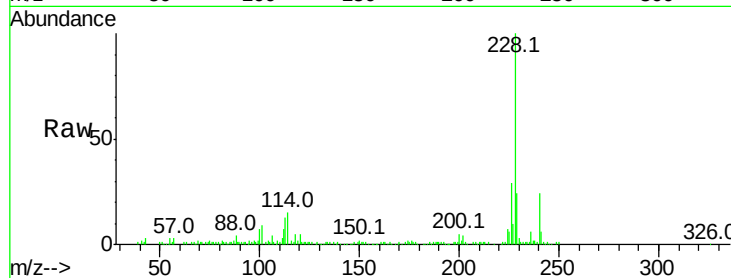
#80
Benzo(a)anthracene
Concen: 9.89 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
BNA_F
ClientSampleId :
POSTEX-42-20170517

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	24.1	16.3	24.5

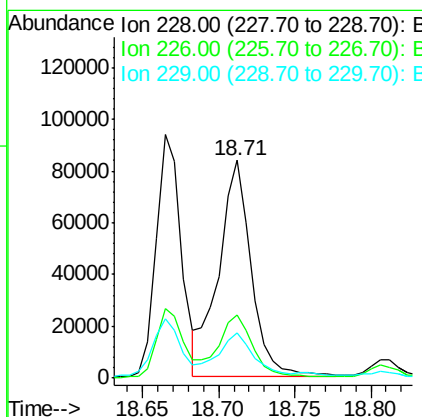
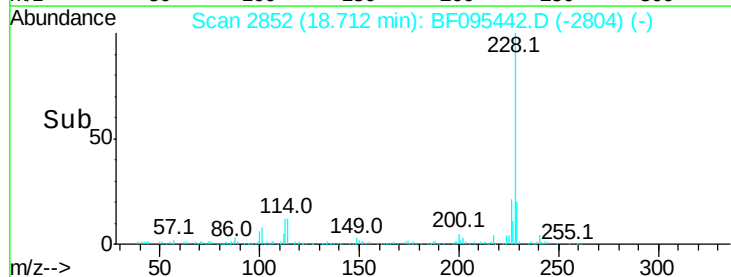
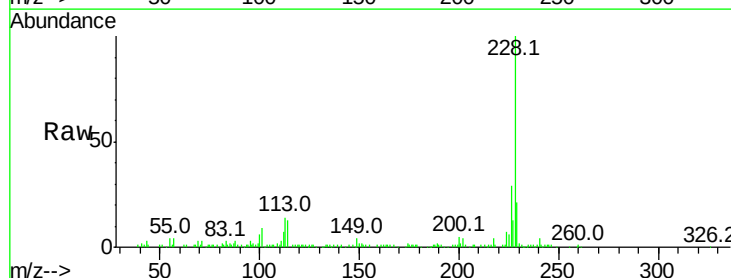
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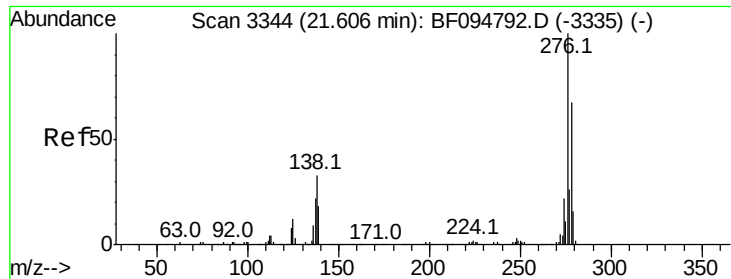
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#82
Chrysene
Concen: 12.06 ng m
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.9	15.8	23.6





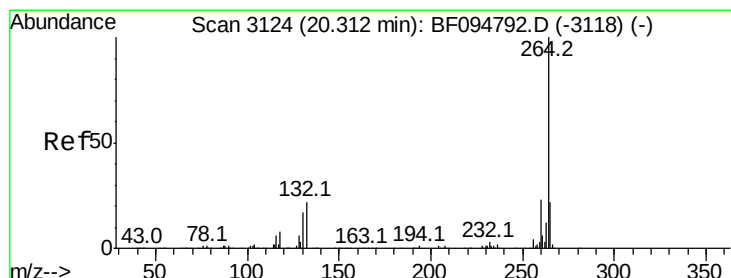
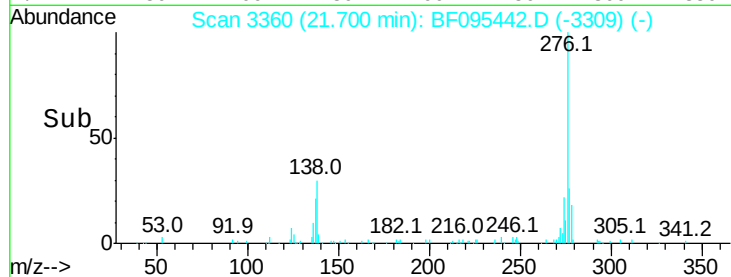
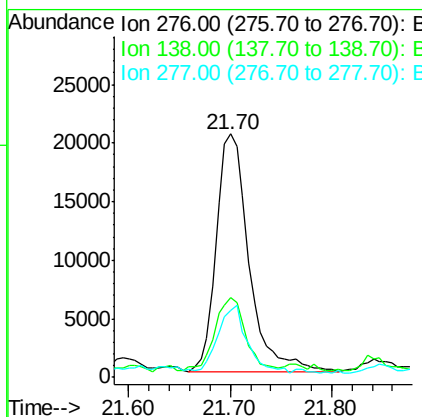
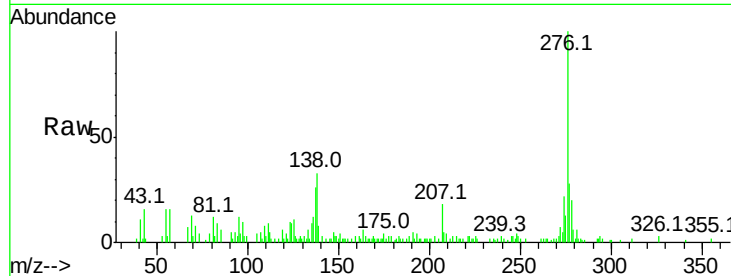
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.40 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.00 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-42-20170517

Tot Ion:	276	Resp:	45810
Ion Ratio	Lower	Upper	
276	100		
138	27.8	27.8	41.6
277	25.1	20.2	30.4

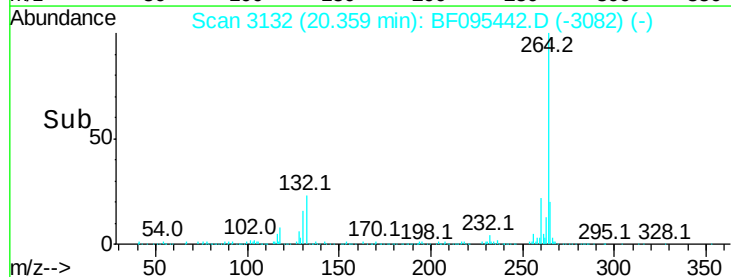
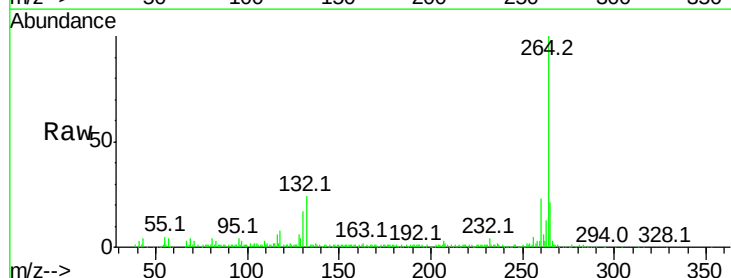
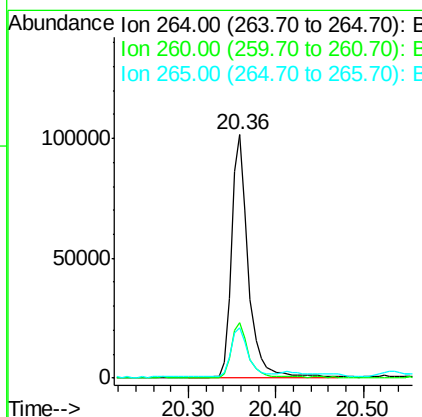
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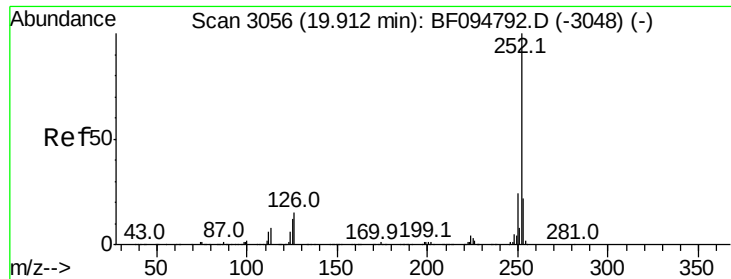
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095442.D
 Acq: 26 May 2017 1:13

Tgt Ion:	264	Resp:	134668
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	20.6	17.2	25.8





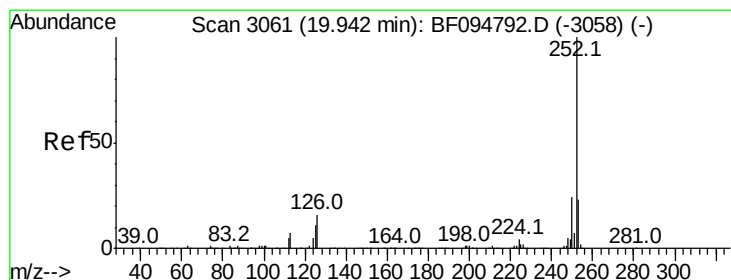
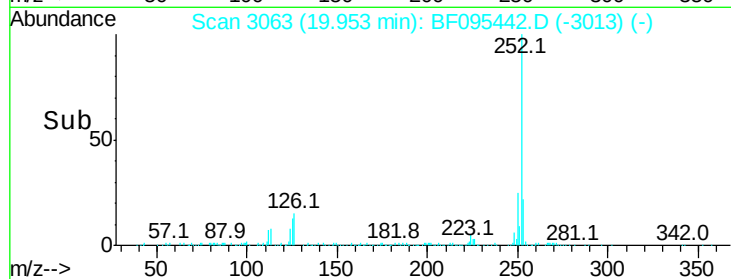
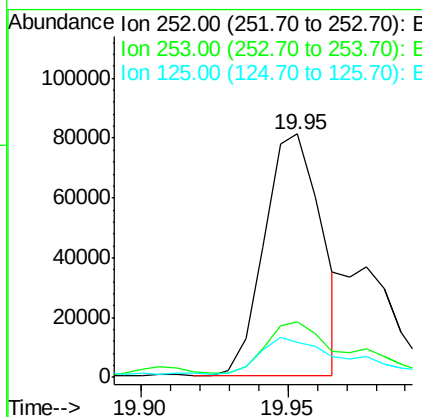
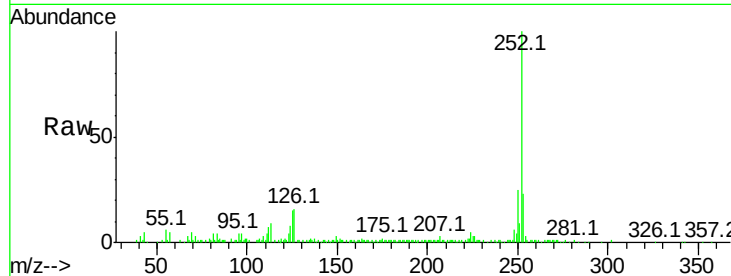
#87
Benzo(b)fluoranthene
Concen: 13.17 ng m
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
BNA_F
ClientSampleId :
POSTEX-42-20170517

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.6	9.8	14.8

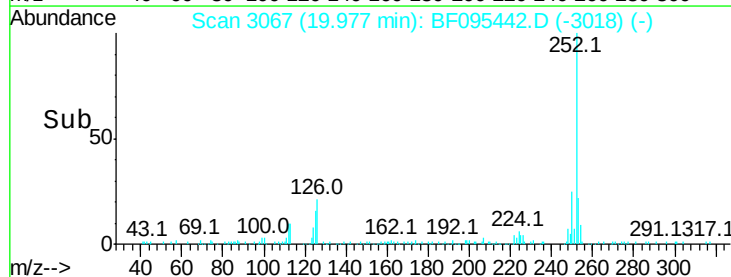
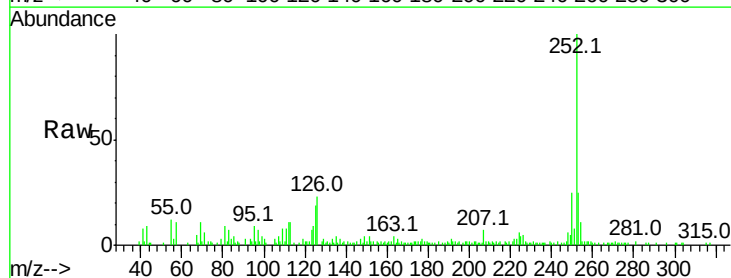
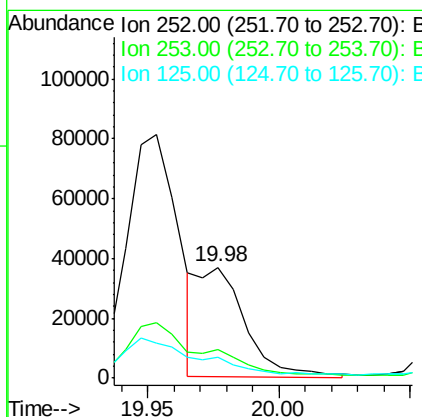
Manual Integrations
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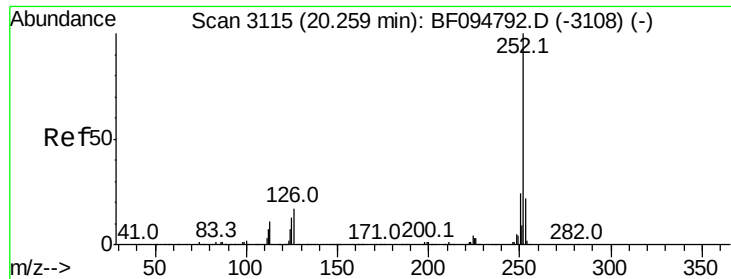
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#88
Benzo(k)fluoranthene
Concen: 5.74 ng m
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	19.4	13.1	19.7





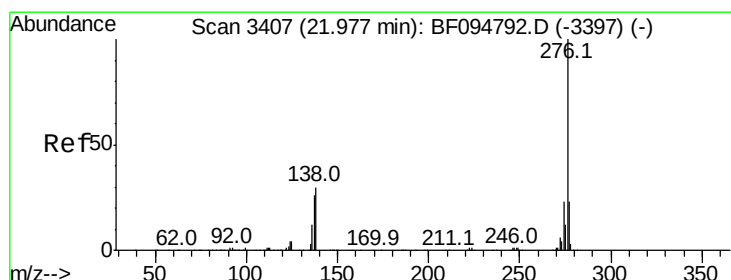
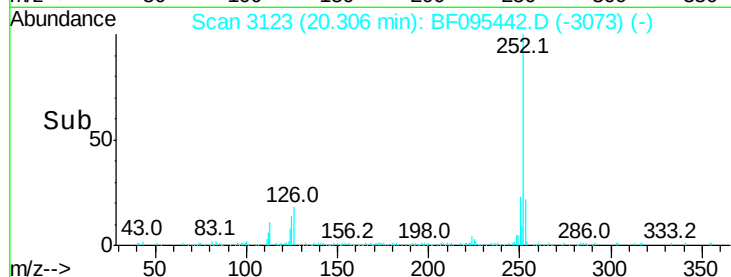
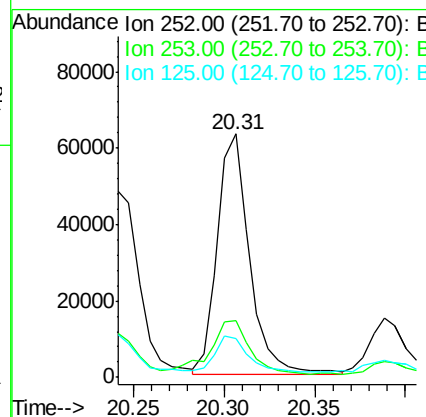
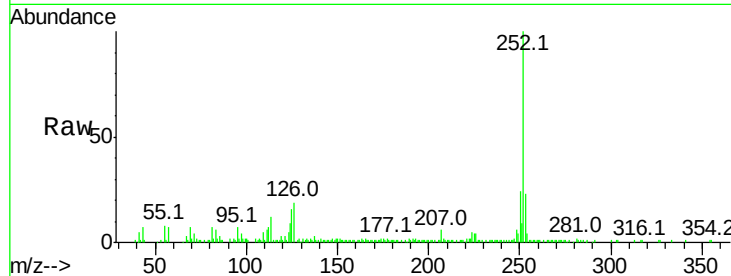
#89
Benzo(a)pyrene
Concen: 10.22 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Instrument :
BNA_F
ClientSampleId :
POSTEX-42-20170517

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	16.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.64 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095442.D
Acq: 26 May 2017 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	35.3	25.4	38.0

