

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095784.D
 Acq On : 8 Jun 2017 15:32
 Operator : SJ/MA
 Sample : I3470-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-48-20170602

Manual Integrations
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Quant Time: Jun 08 17:24:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	66998	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	273869	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	117442	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	185583	20.00	ng	0.00
75) Chrysene-d12	18.33	240	144077	20.00	ng	0.00
86) Perylene-d12	20.00	264	123983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	382345	90.94	ng	0.00
7) Phenol-d6	6.93	99	478255	95.01	ng	0.00
23) Nitrobenzene-d5	8.28	82	274537	62.26	ng	-0.01
41) 2,4,6-Tribromophenol	13.52	330	78914	75.95	ng	-0.01
44) 2-Fluorobiphenyl	11.18	172	544599	64.53	ng	0.00
78) Terphenyl-d14	16.99	244	350918	60.45	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	81022	9.09	ng	97
70) Phenanthrene	14.65	178	214673	20.05	ng	97
71) Anthracene	14.74	178	30503m	2.73	ng	
74) Fluoranthene	16.43	202	205509	19.39	ng	99
77) Pyrene	16.73	202	246290	22.91	ng	97
80) Benzo(a)anthracene	18.32	228	95095	11.35	ng	97
82) Chrysene	18.36	228	110862	13.24	ng	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	36658	5.12	ng	94
87) Benzo(b)fluoranthene	19.60	252	96943m	12.49	ng	
88) Benzo(k)fluoranthene	19.62	252	29852m	4.02	ng	
89) Benzo(a)pyrene	19.94	252	71500	10.02	ng	96
91) Benzo(a,h,i)perylene	21.51	276	34601	5.61	ng	97

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

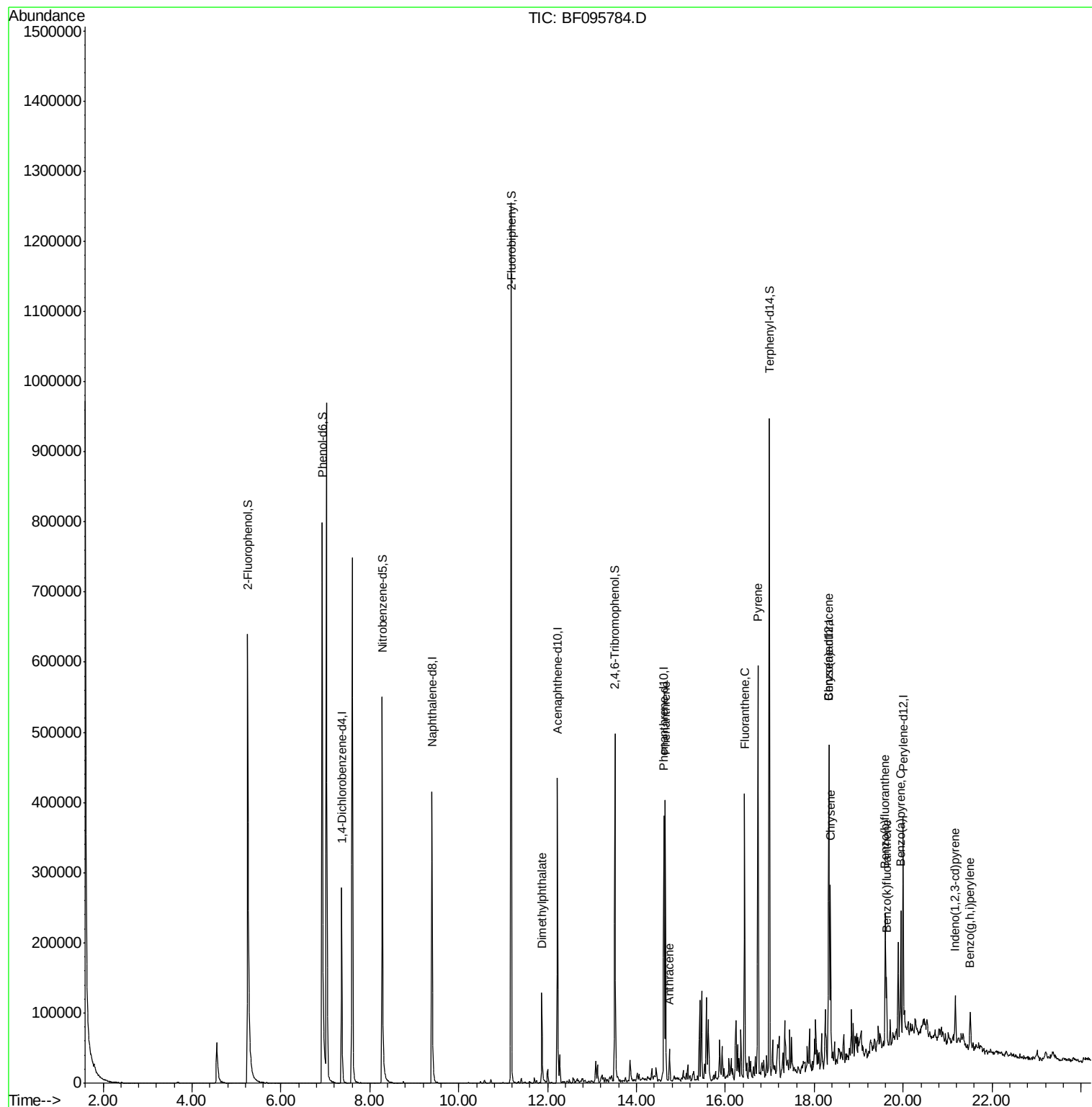
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095784.D
Acq On : 8 Jun 2017 15:32
Operator : SJ/MA
Sample : I3470-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

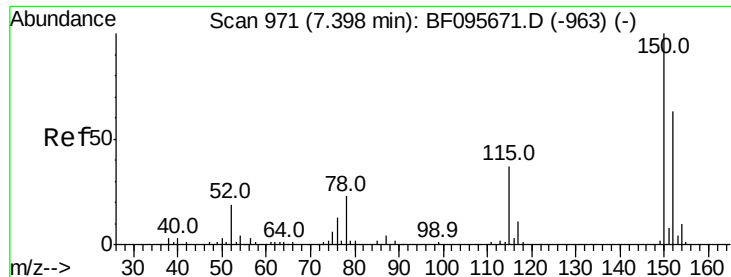
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

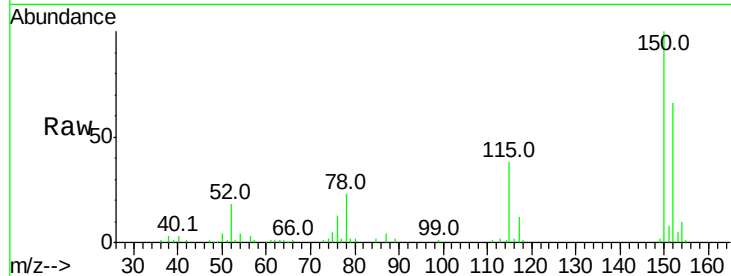
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
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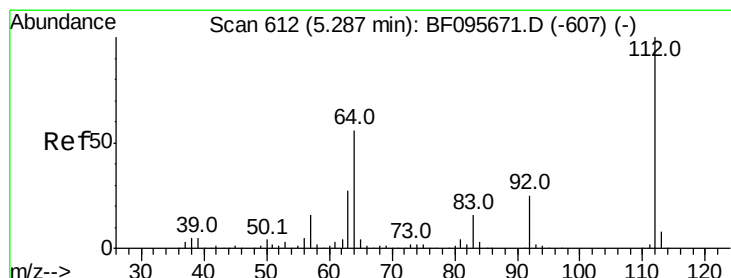
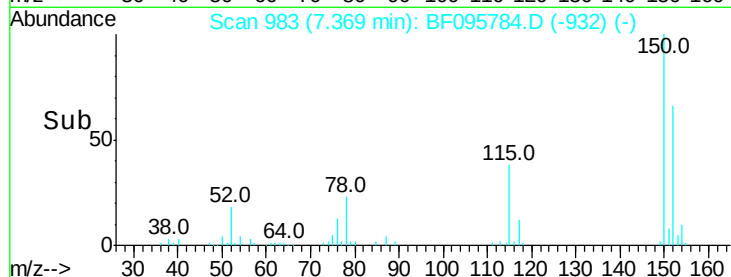
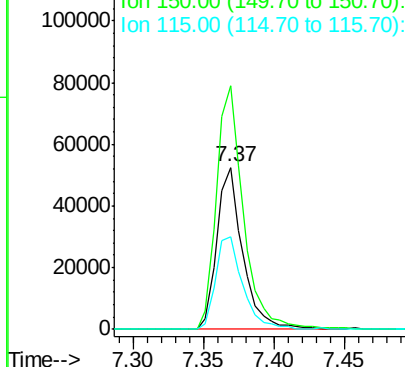
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.2	189.2
115	57.2	52.2	78.2

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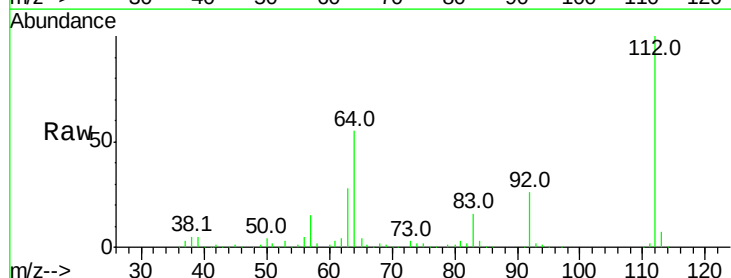
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



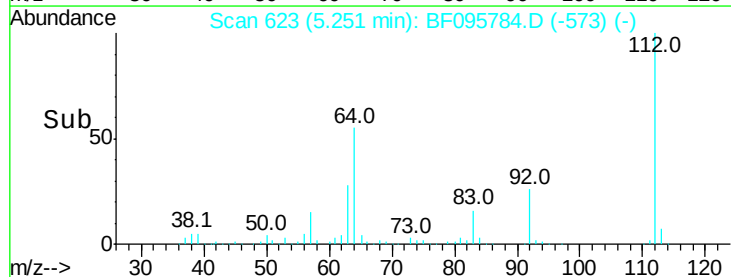
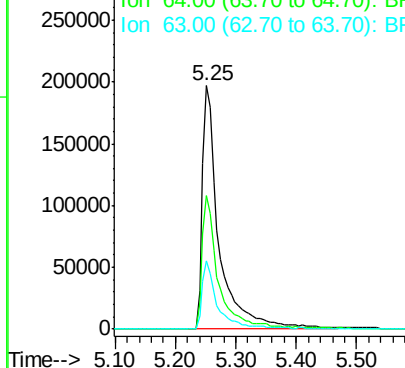
#5

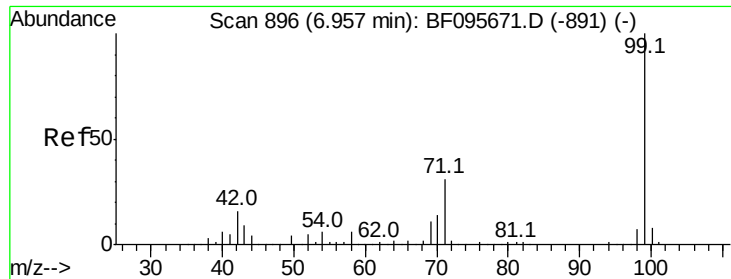
2-Fluorophenol
Concen: 90.94 ng
RT: 5.25 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	28.0	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: 95.01 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF095784.D

Acq: 8 Jun 2017 15:32

Instrument :

BNA_F

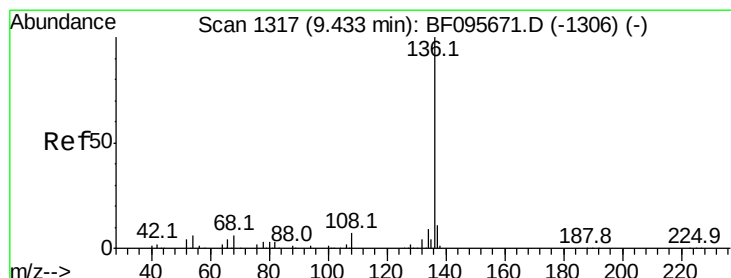
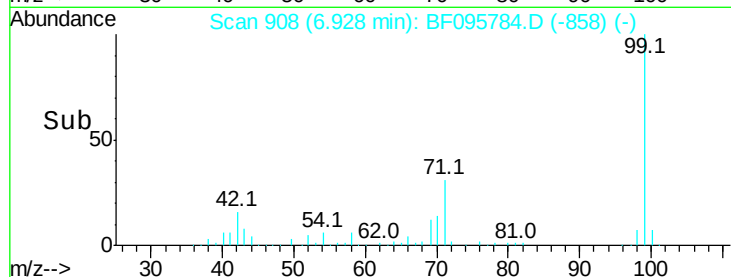
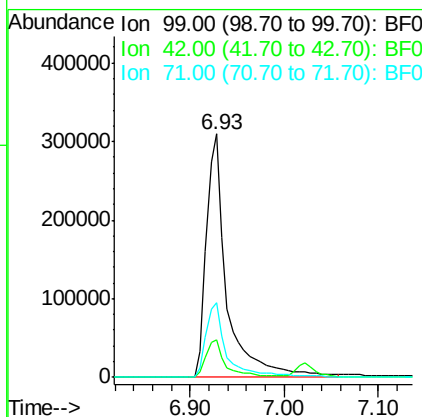
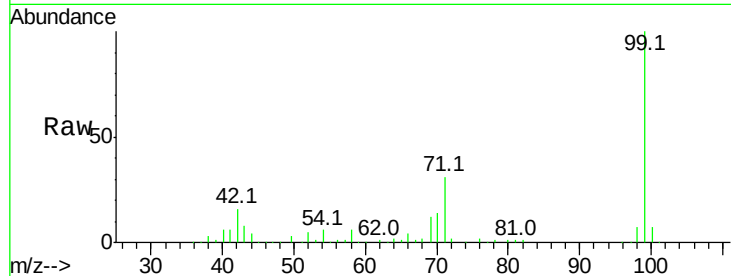
ClientSampleId :

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Tot Ion:	99	Resp:	478255
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	30.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

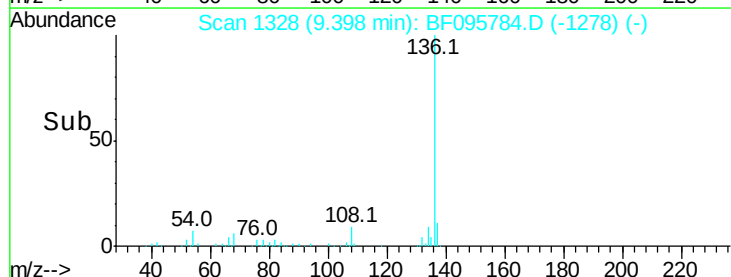
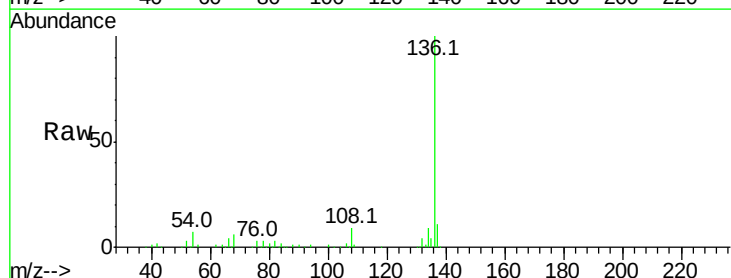
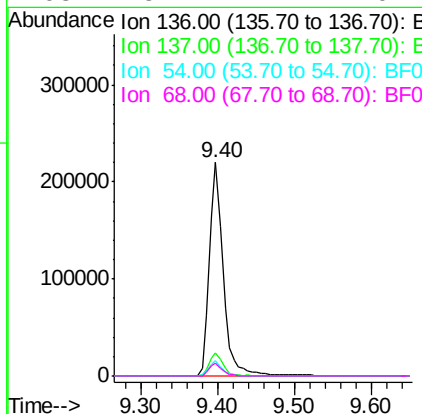
RT: 9.40 min Scan# 1328

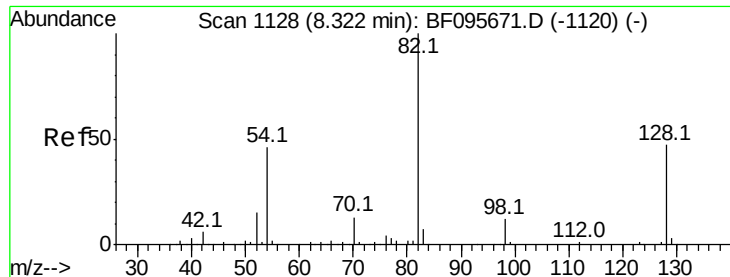
Delta R.T. -0.01 min

Lab File: BF095784.D

Acq: 8 Jun 2017 15:32

Tgt Ion:	136	Resp:	273869
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1





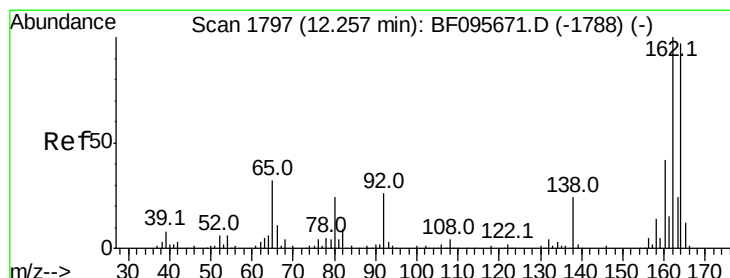
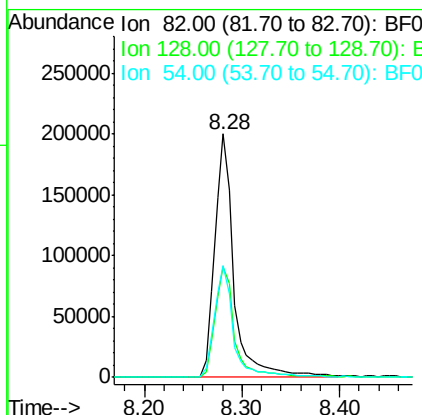
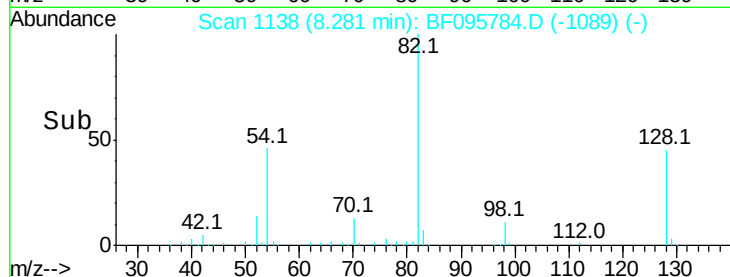
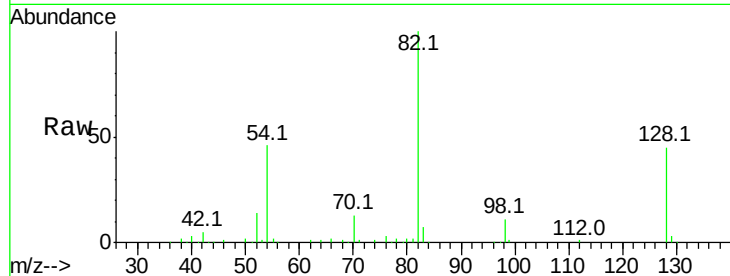
#23
 Nitrobenzene-d5
 Concen: 62.26 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	45.9	42.2	63.2

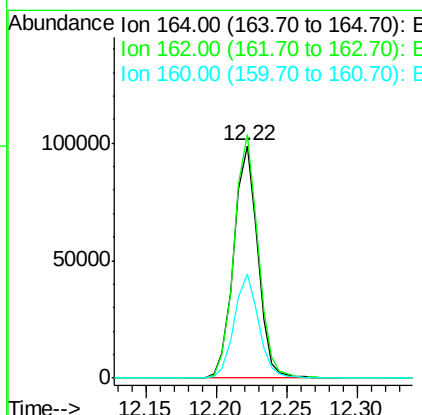
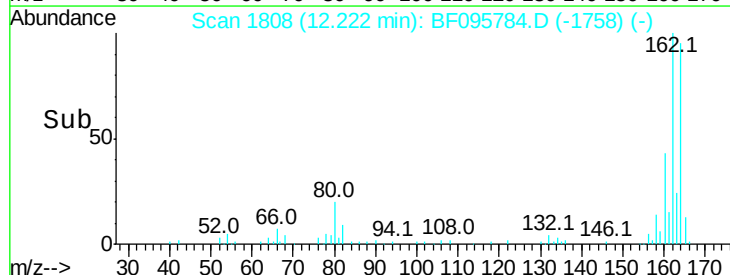
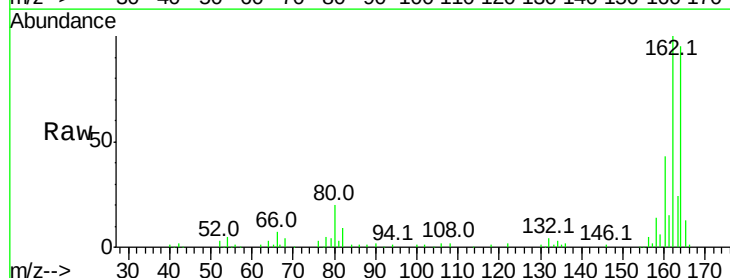
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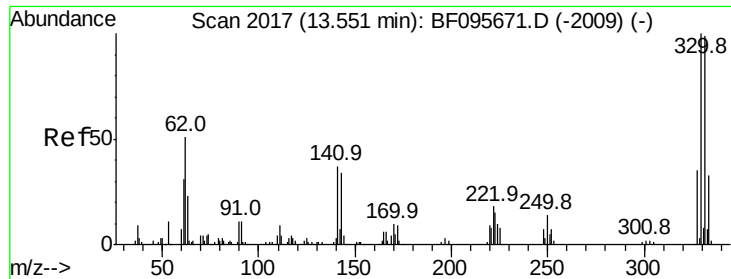
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.9	36.2	54.2





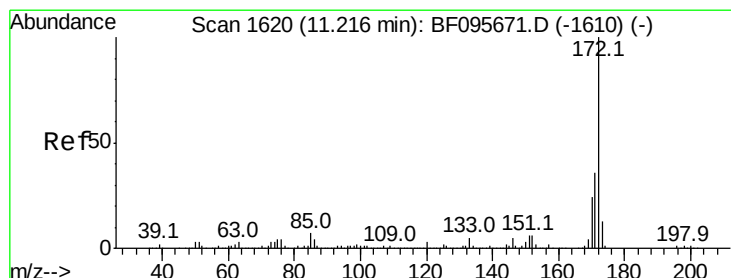
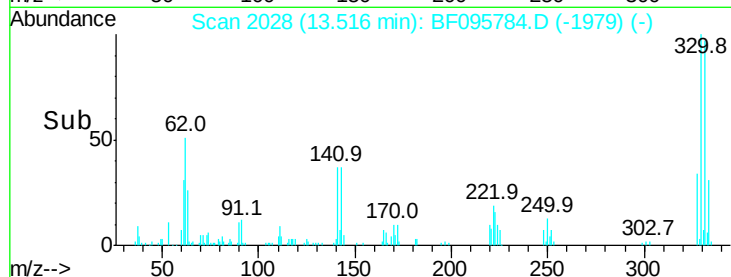
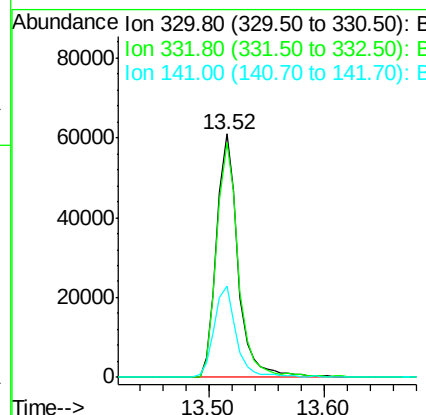
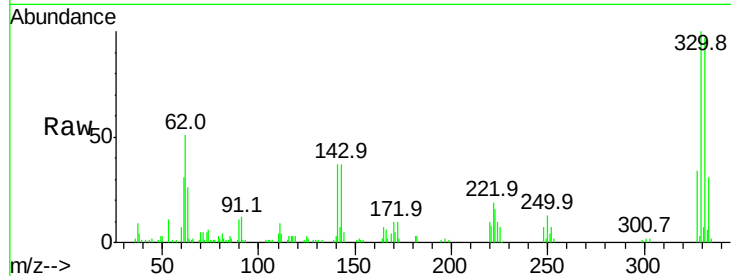
#41
 2,4,6-Tribromophenol
 Concen: 75.95 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-48-20170602

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	38.5	31.4	47.2

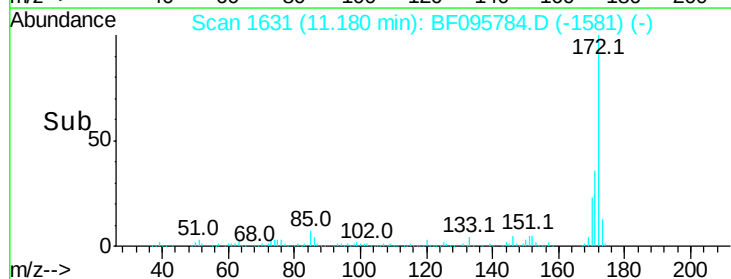
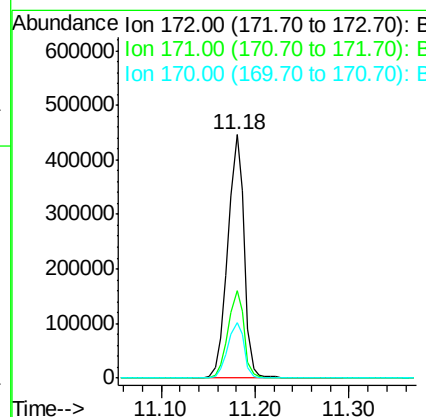
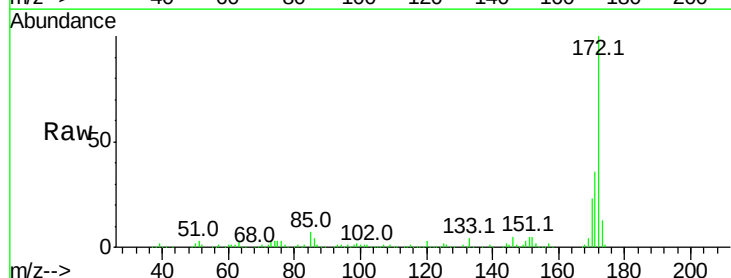
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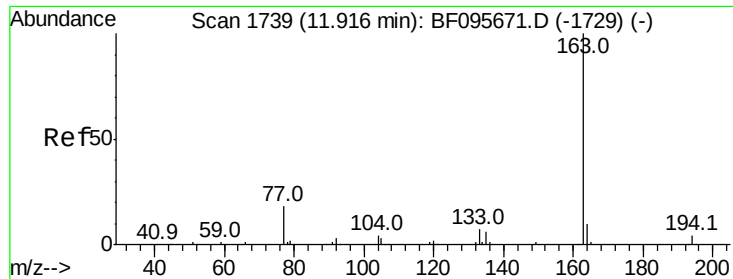
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#44
 2-Fluorobiphenyl
 Concen: 64.53 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.0	19.8	29.8





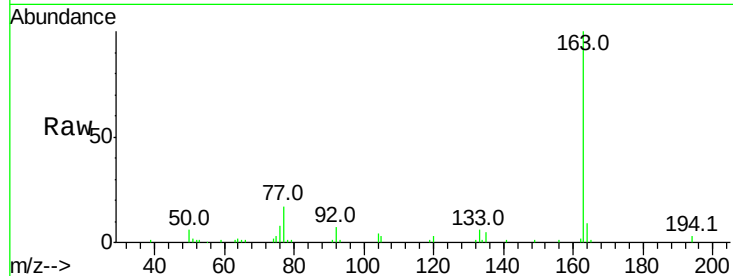
#49
Dimethylphthalate
Concen: 9.09 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
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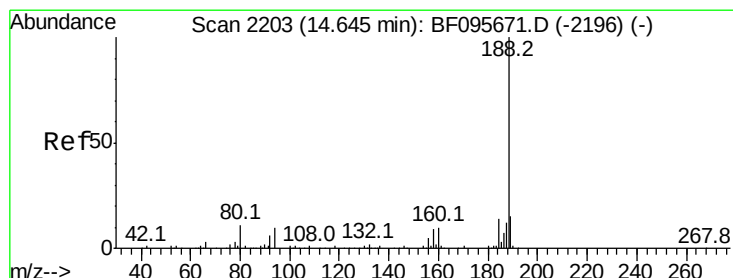
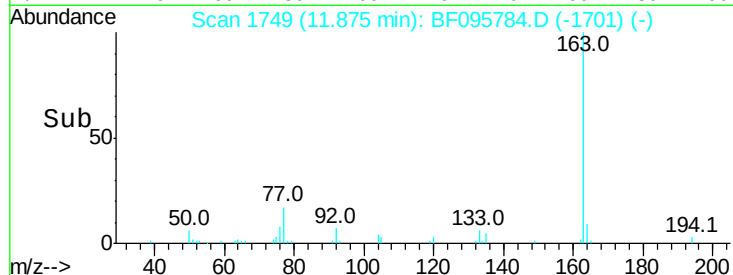
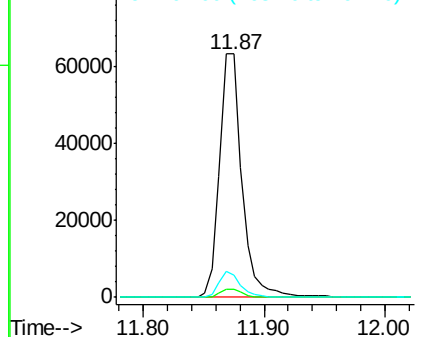
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	8.9	8.4	12.6

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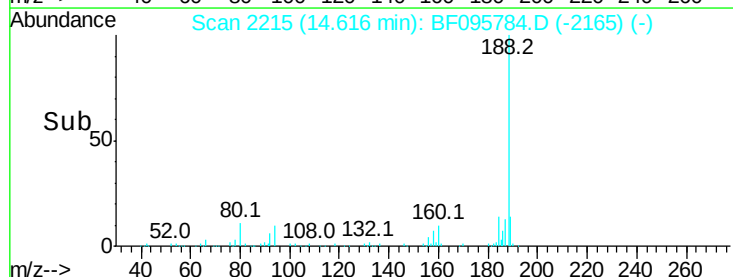
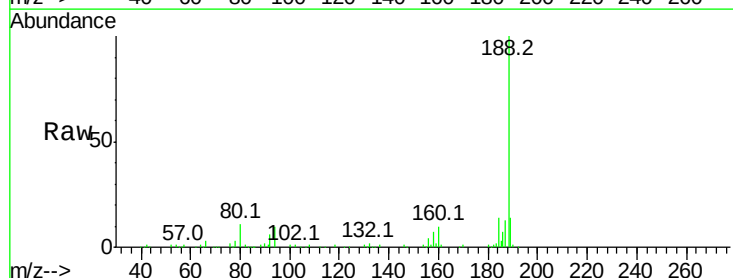
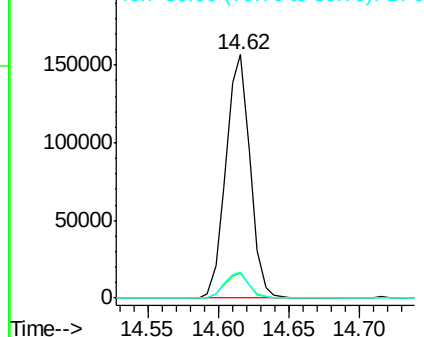
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

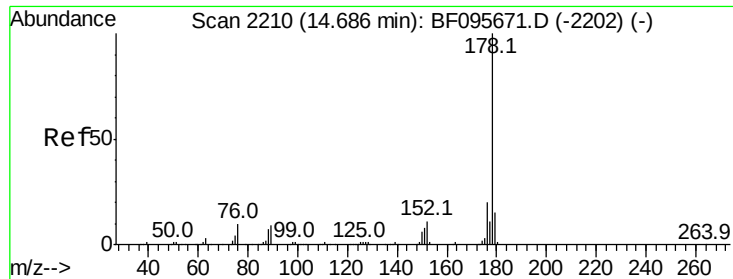


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





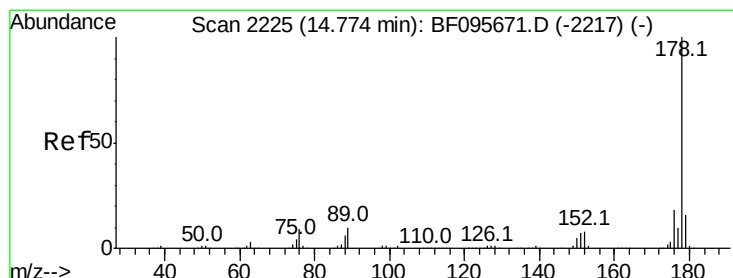
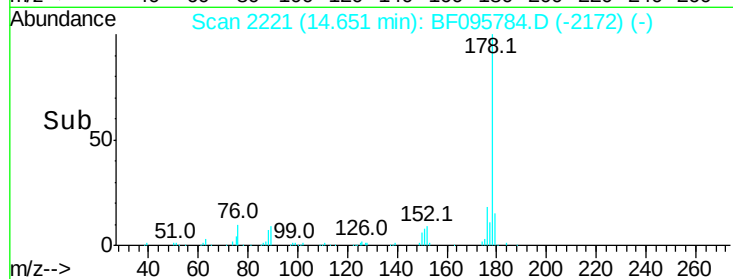
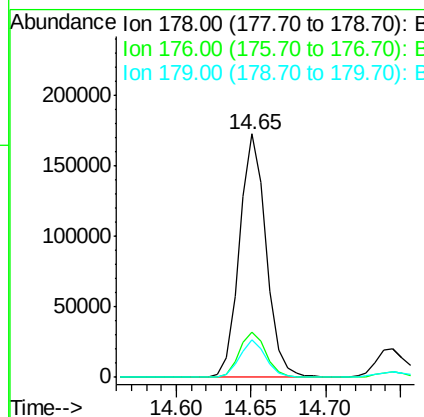
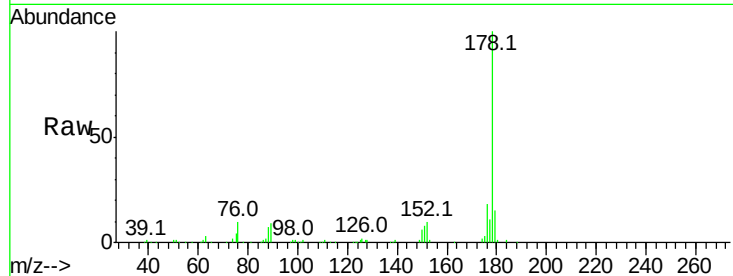
#70
Phenanthrene
Concen: 20.05 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.2	12.6	19.0

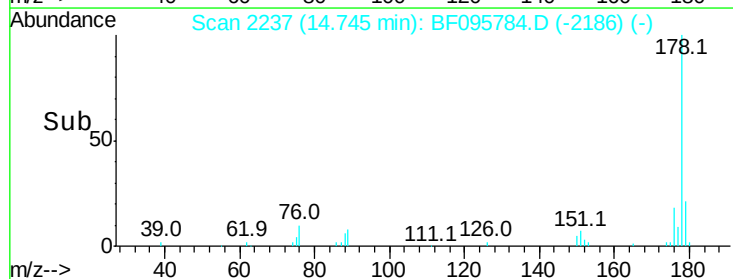
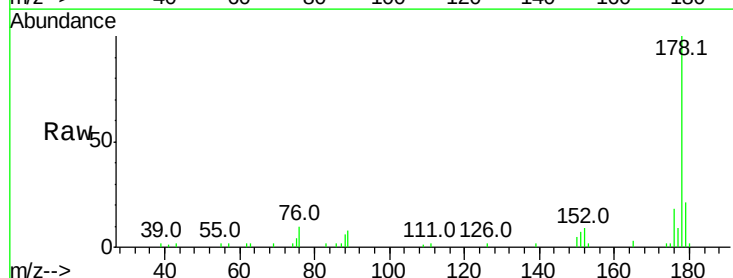
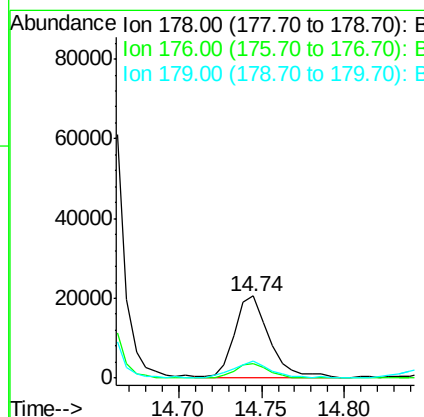
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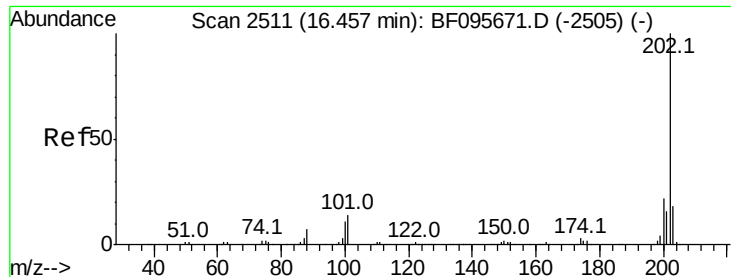
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#71
Anthracene
Concen: 2.73 ng m
RT: 14.74 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	20.5	12.7	19.1#





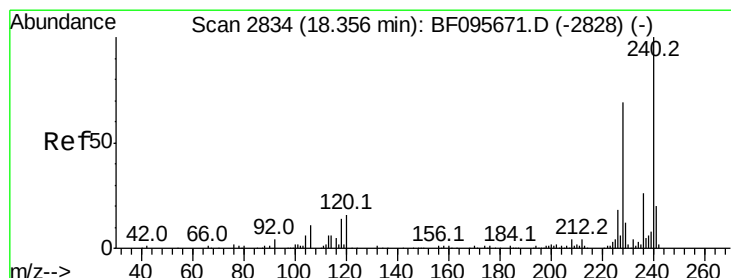
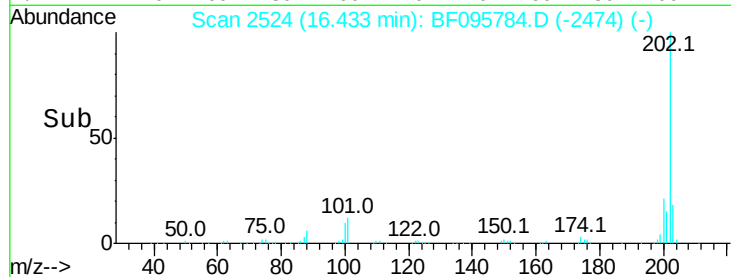
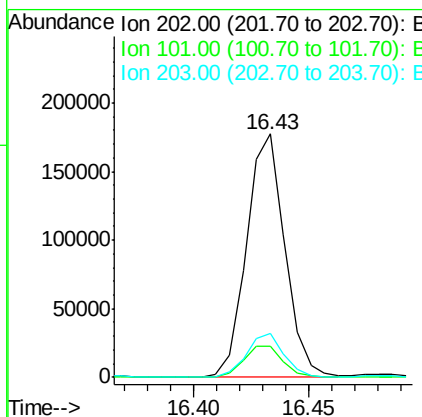
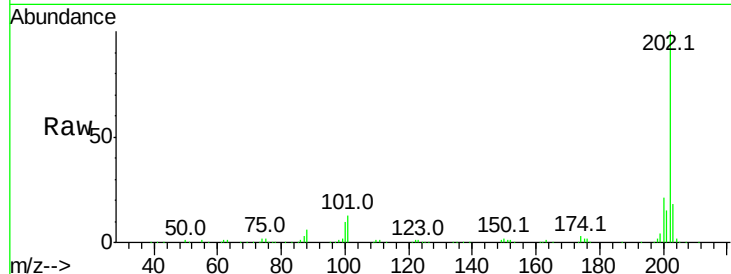
#74
 Fluoranthene
 Concen: 19.39 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	0.0	33.2	
203	18.2	0.0	38.1	

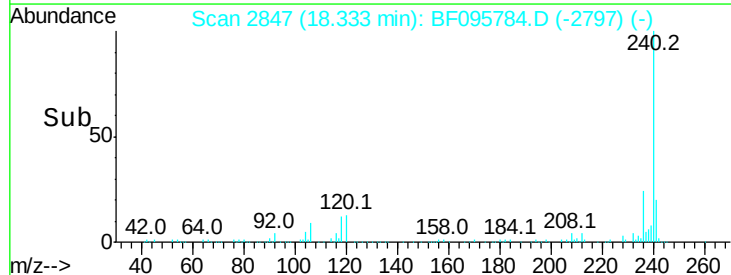
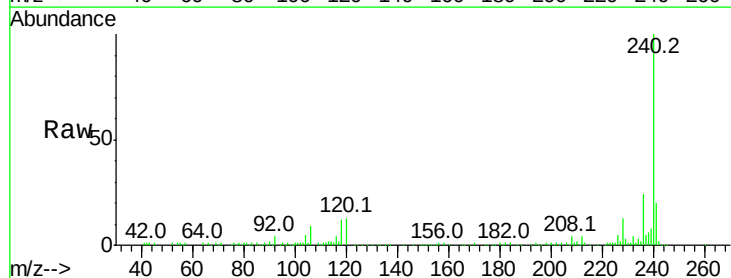
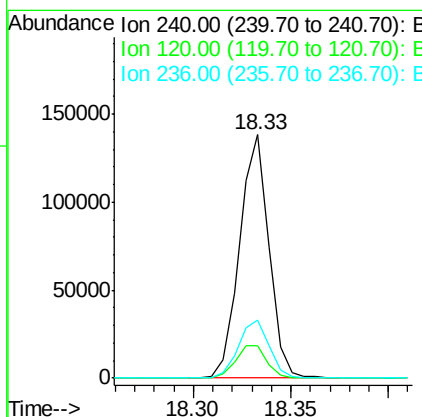
Manual Integrations
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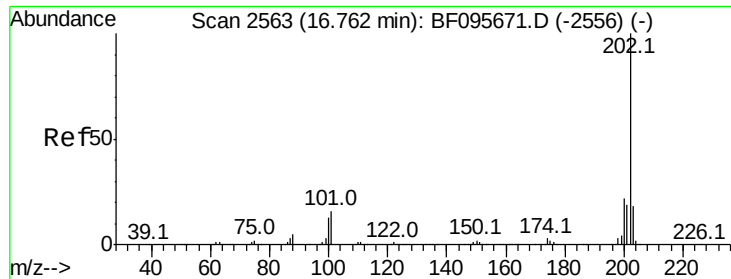
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095784.D
 Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.2	5.8	8.8#	
236	23.9	20.5	30.7	





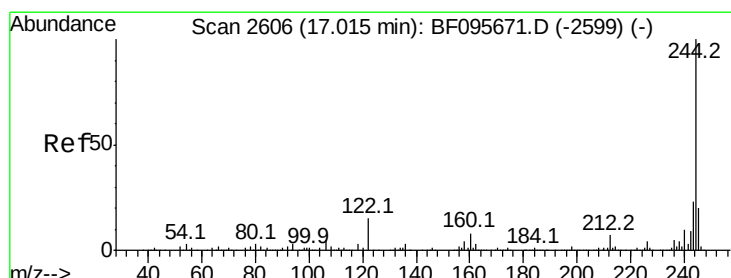
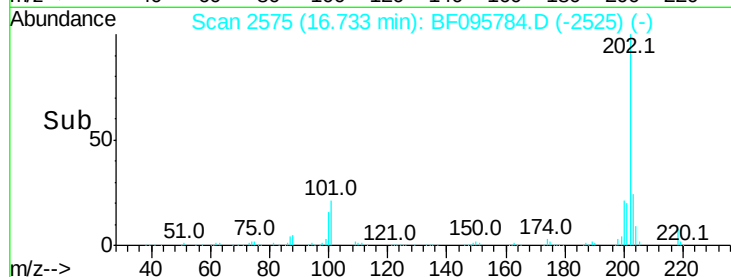
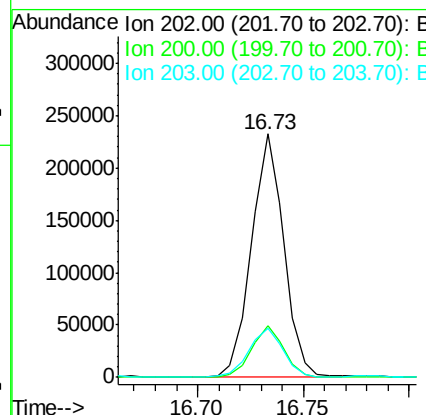
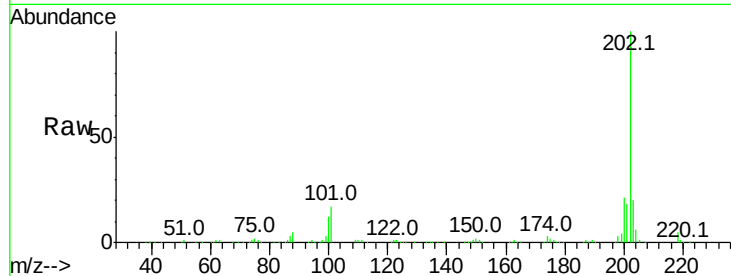
#77
Pvrene
Concen: 22.91 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
POSTEX-48-20170602

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.3	14.4	21.6

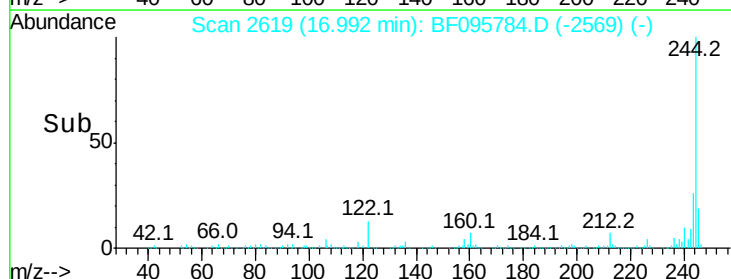
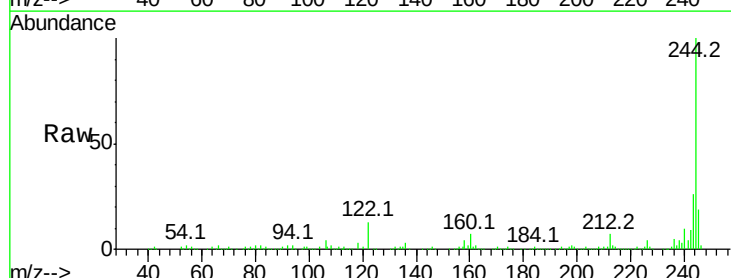
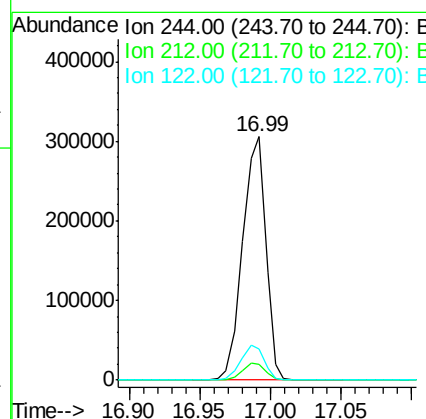
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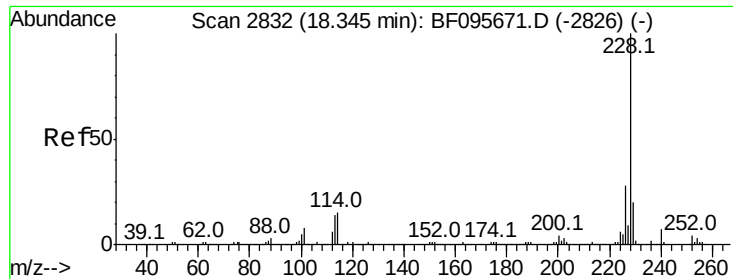
mohammad
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#78
Terphenyl-d14
Concen: 60.45 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.0	10.3	15.5





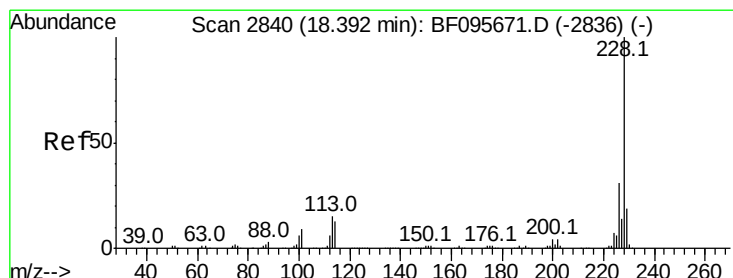
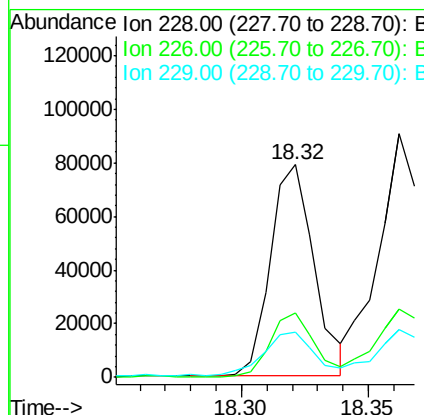
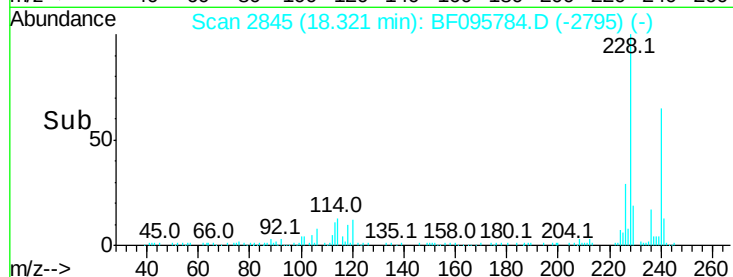
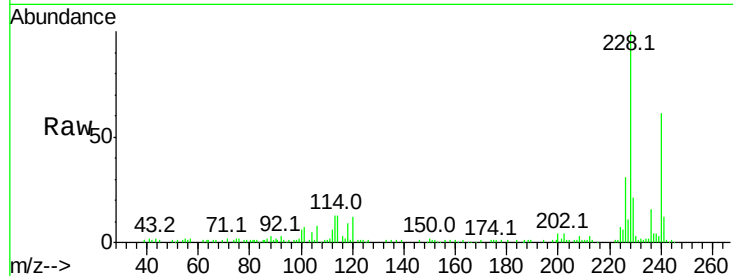
#80
Benzo(a)anthracene
Concen: 11.35 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
POSTEX-48-20170602

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.3	16.3	24.5

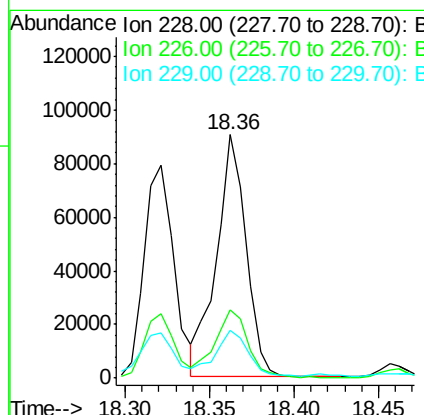
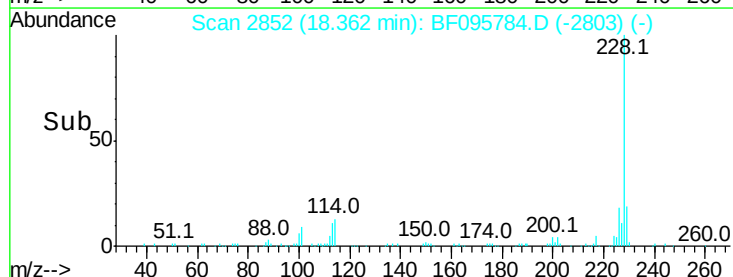
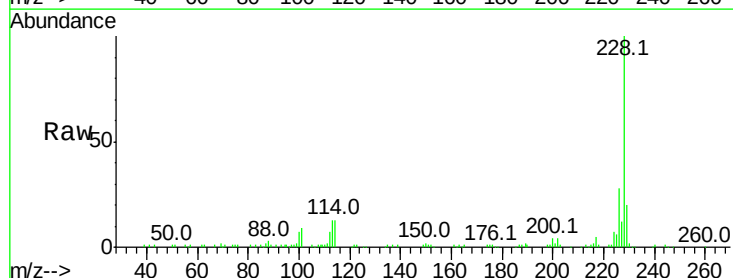
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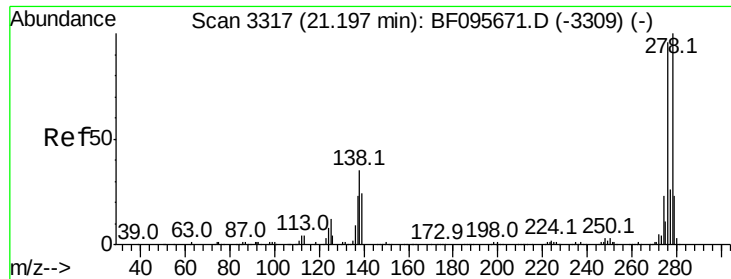
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#82
Chrysene
Concen: 13.24 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	19.5	15.8	23.6





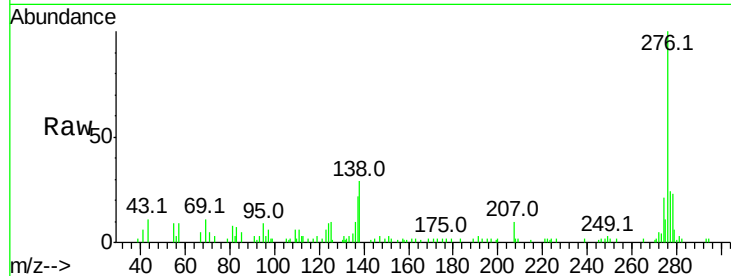
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.12 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
POSTEX-48-20170602

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	26.7	20.2	30.4

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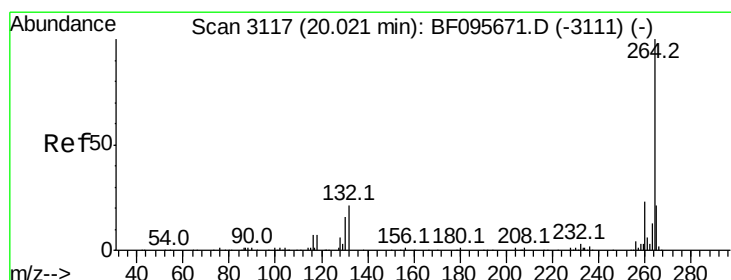
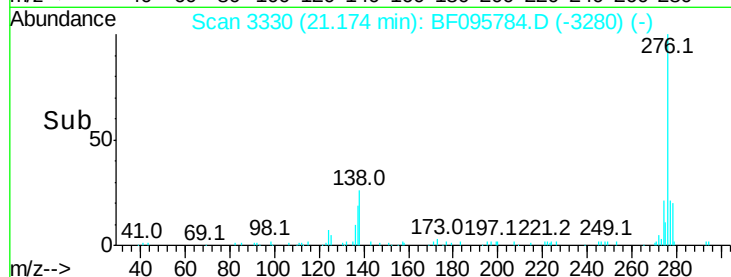
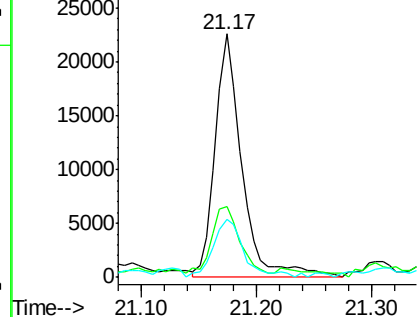


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

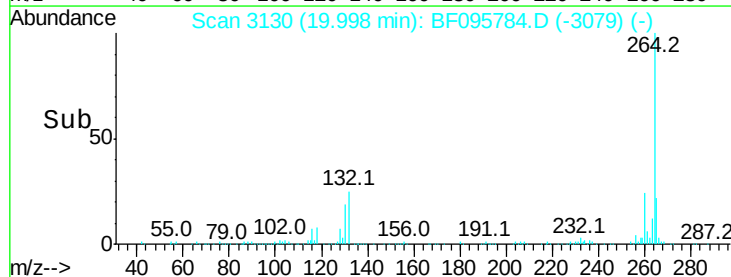
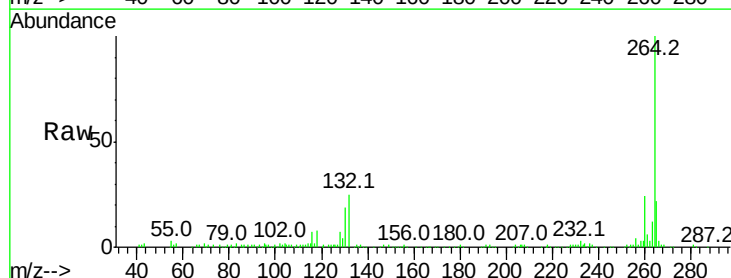
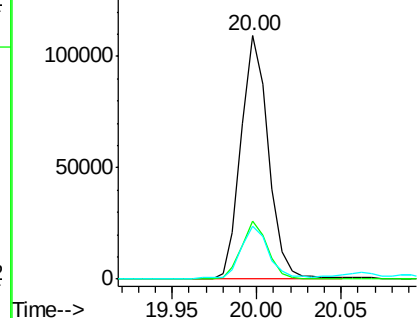
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8

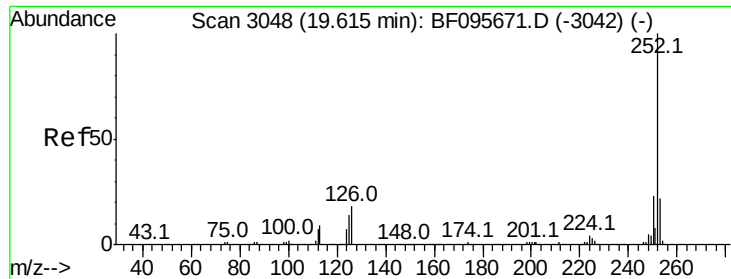
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 12.49 ng m

RT: 19.60 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BF095784.D

Acq: 8 Jun 2017 15:32

Instrument :

BNA_F

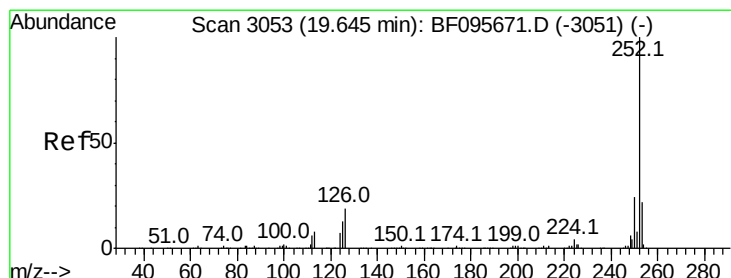
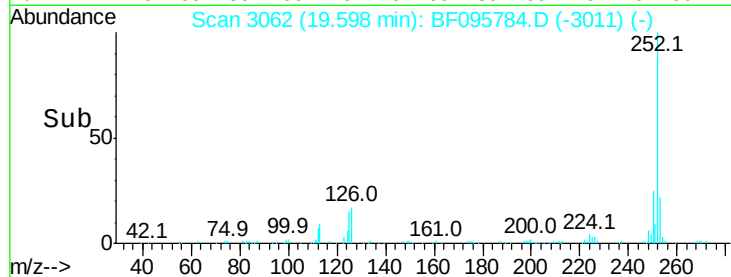
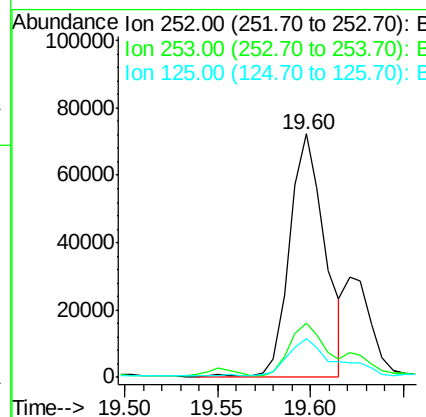
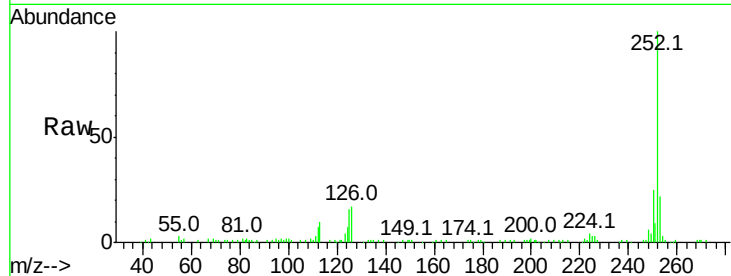
ClientSampleId :

POSTEX-48-20170602

Tot Ion:	252	Resp:	96943
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	16.0	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 4.02 ng m

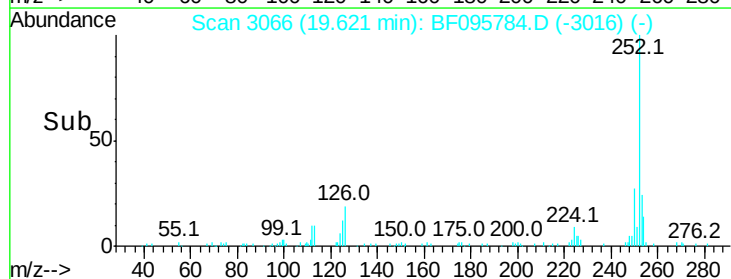
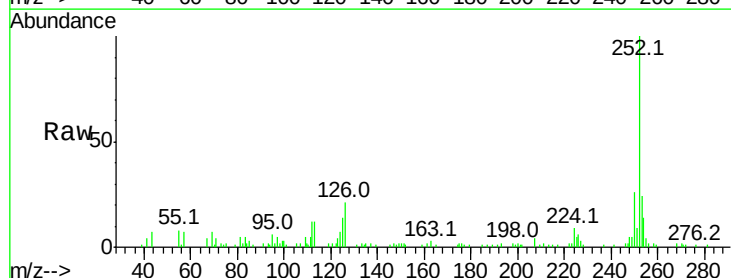
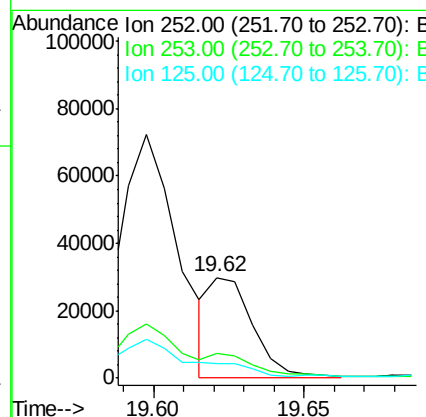
RT: 19.62 min Scan# 3066

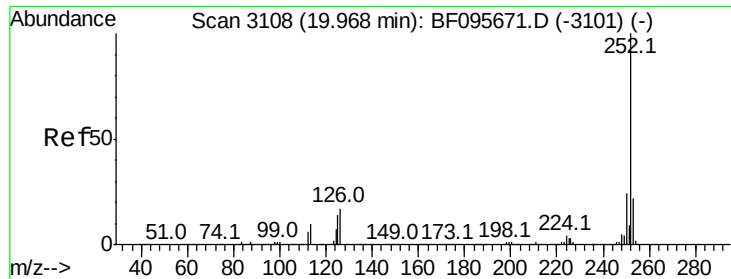
Delta R.T. -0.01 min

Lab File: BF095784.D

Acq: 8 Jun 2017 15:32

Tgt Ion:	252	Resp:	29852
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.4	27.6
125	13.8	13.1	19.7





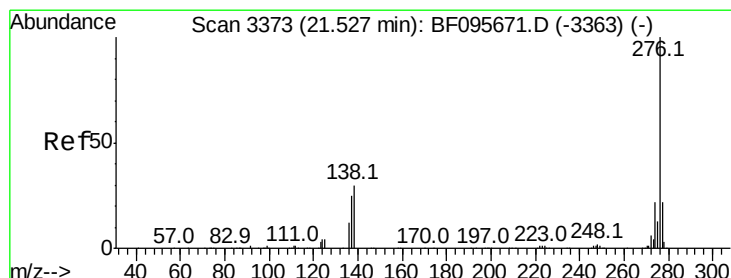
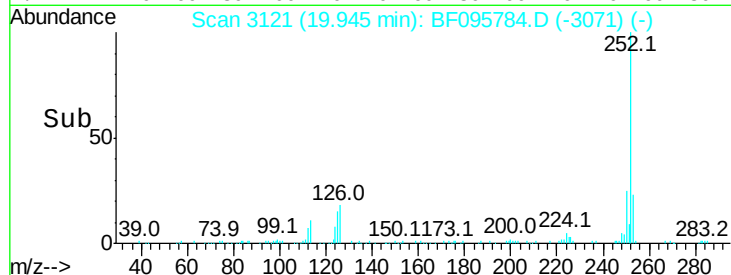
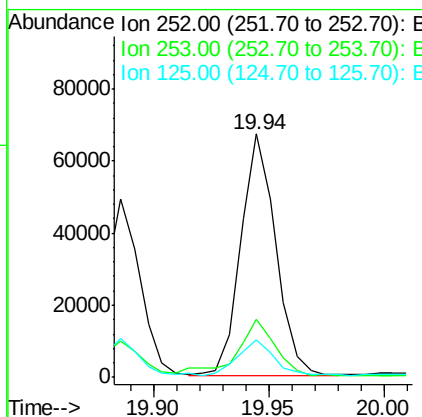
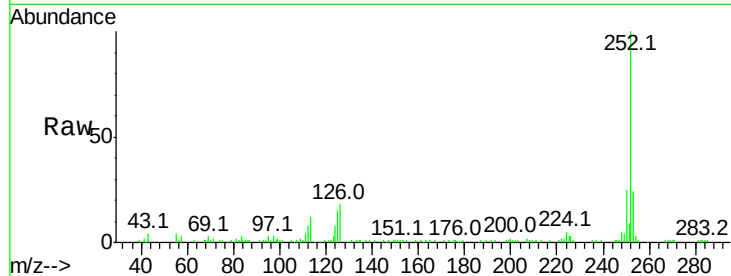
#89
Benzo(a)pyrene
Concen: 10.02 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :
POSTEX-48-20170602

Tot Ion:	252	Resp:	71500
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.5	26.3
125	15.5	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 5.61 ng
RT: 21.51 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:	276	Resp:	34601
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.6	28.0
138	29.8	25.4	38.0

