

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095802.D
 Acq On : 9 Jun 2017 1:18
 Operator : SJ/MA
 Sample : I3470-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-49-20170602

Manual Integrations
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Quant Time: Jun 09 04:36:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	74439	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	298411	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	122735	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	189497	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	145388	20.00	ng	-0.02
86) Perylene-d12	20.00	264	115976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	234480	50.19	ng	-0.03
7) Phenol-d6	6.92	99	286545	51.24	ng	-0.04
23) Nitrobenzene-d5	8.28	82	163264	33.98	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	45272	41.69	ng	-0.04
44) 2-Fluorobiphenyl	11.17	172	321958	36.50	ng	-0.04
78) Terphenyl-d14	16.99	244	208468	35.58	ng	-0.03
Target Compounds						Qvalue
48) Acenaphthylene	11.99	152	50301	3.72	ng	99
49) Dimethylphthalate	11.87	163	41948	4.50	ng	# 98
57) Fluorene	13.12	166	21499	2.25	ng	# 91
70) Phenanthrene	14.65	178	322398	29.49	ng	99
71) Anthracene	14.74	178	61778	5.41	ng	96
74) Fluoranthene	16.43	202	404348	37.36	ng	99
77) Pyrene	16.74	202	457633	42.19	ng	97
80) Benzo(a)anthracene	18.32	228	204290	24.17	ng	95
82) Chrysene	18.36	228	226667	26.83	ng	99
85) Indeno(1,2,3-cd)pyrene	21.17	276	79955	11.06	ng	93
87) Benzo(b)fluoranthene	19.60	252	207045m	28.51	ng	
88) Benzo(k)fluoranthene	19.62	252	58509m	8.43	ng	
89) Benzo(a)pyrene	19.94	252	146038	21.88	ng	97
90) Dibenzo(a,h)anthracene	21.17	278	20307	3.59	ng	# 79
91) Benzo(a,h,i)perylene	21.50	276	76357	13.23	ng	96

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

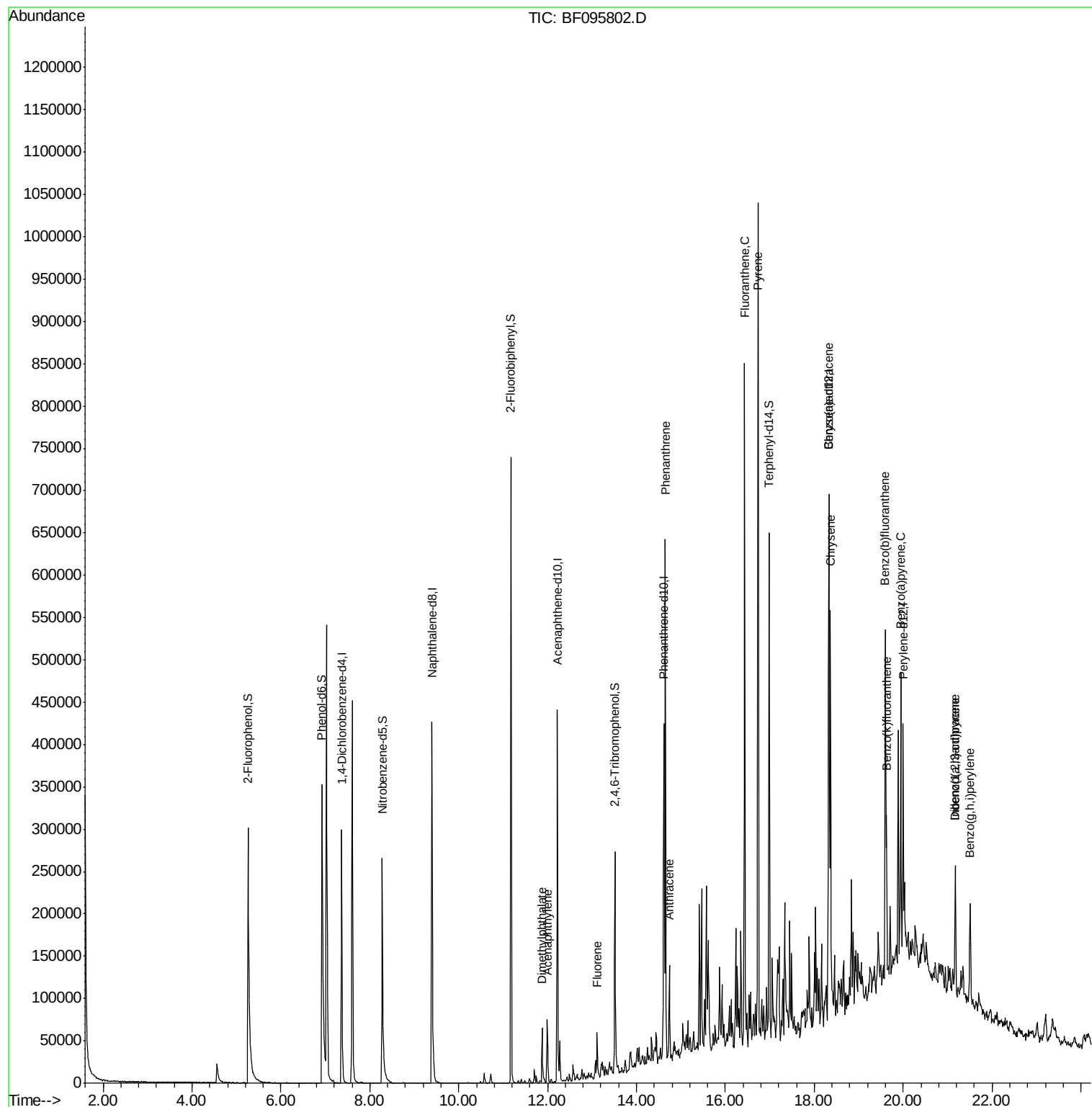
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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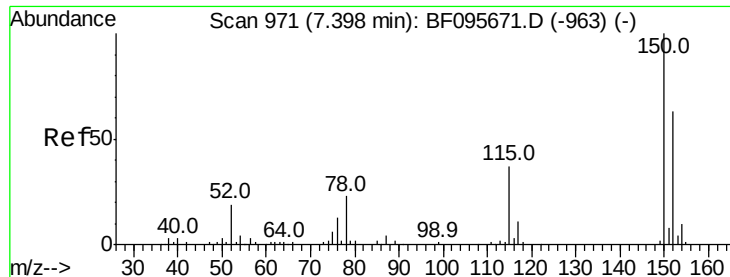
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#1

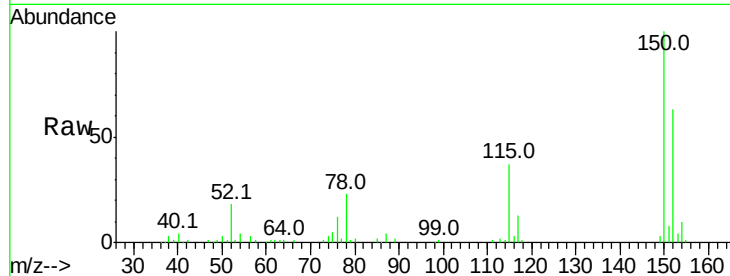
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

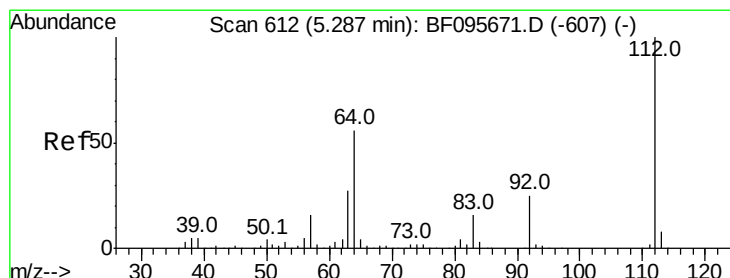
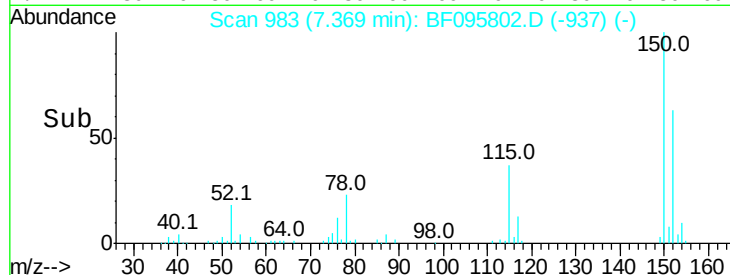
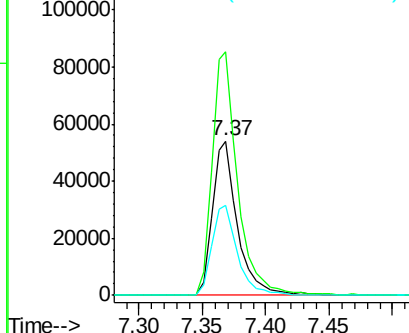
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	58.8	52.2	78.2

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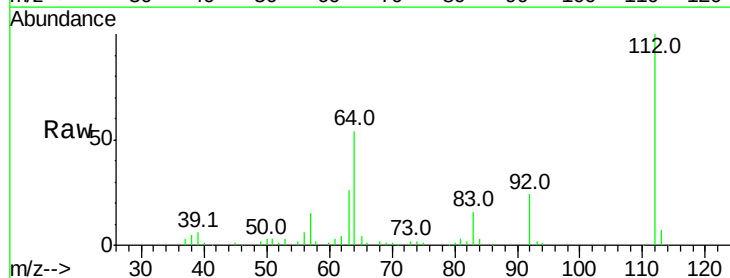
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



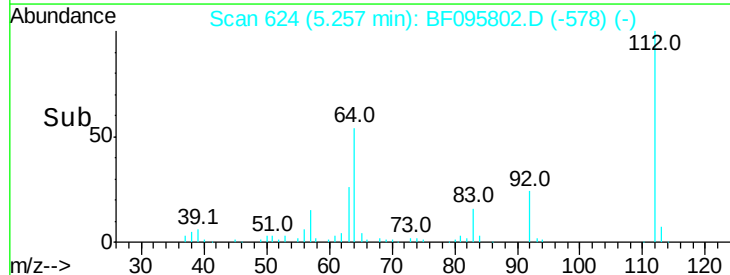
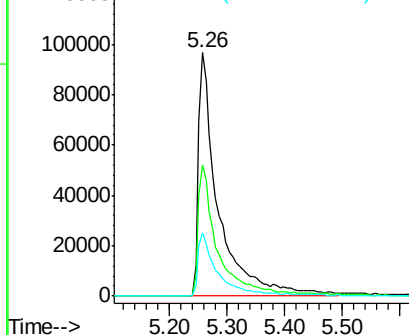
#5

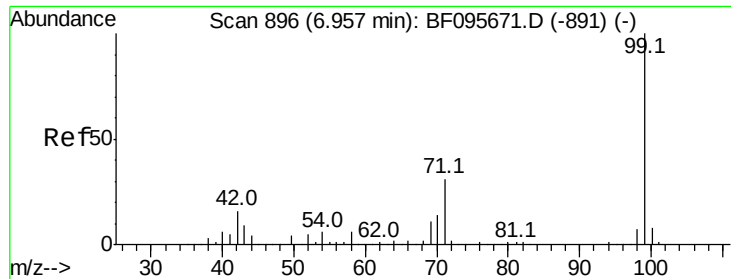
2-Fluorophenol
Concen: 50.19 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.1	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: 51.24 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Instrument :

BNA_F

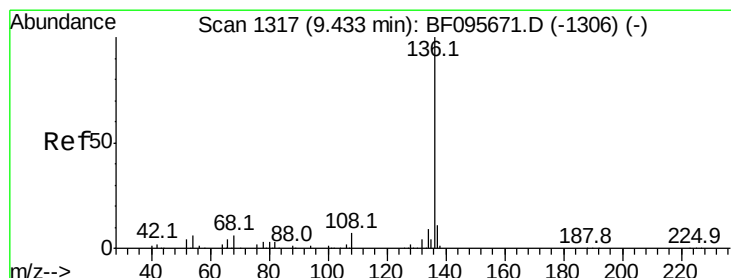
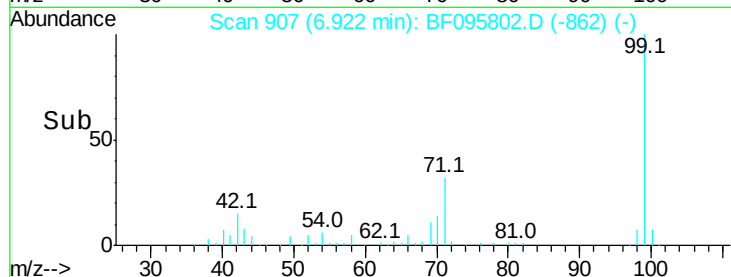
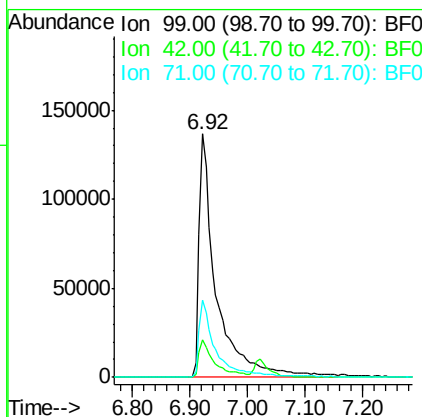
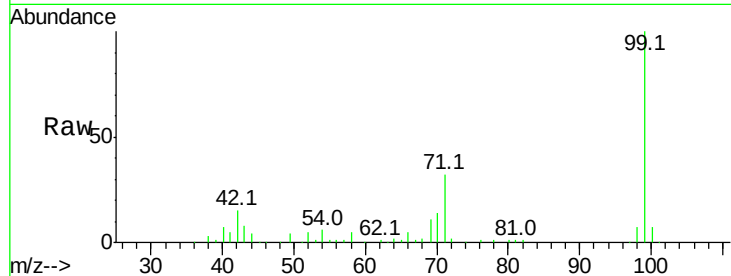
ClientSampleId :

POSTEX-49-20170602

Tot Ion:	99	Resp:	286545
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

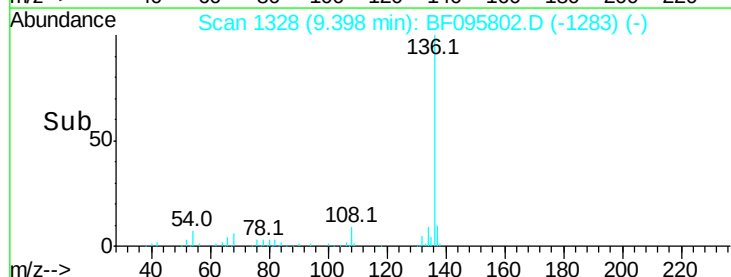
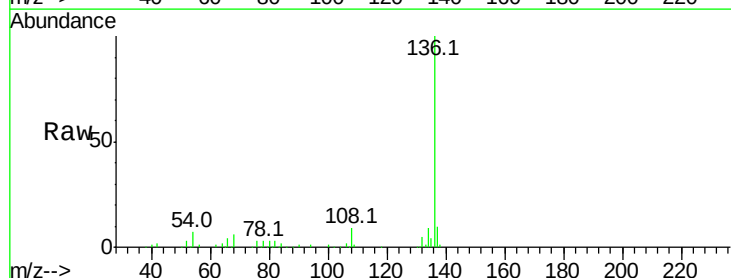
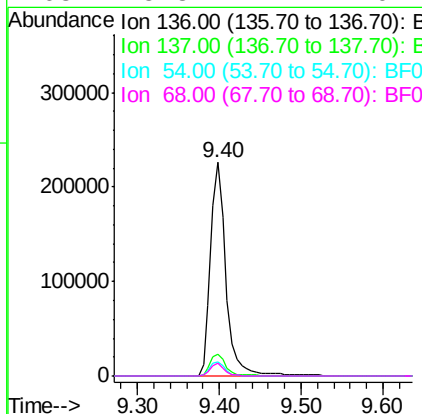
RT: 9.40 min Scan# 1328

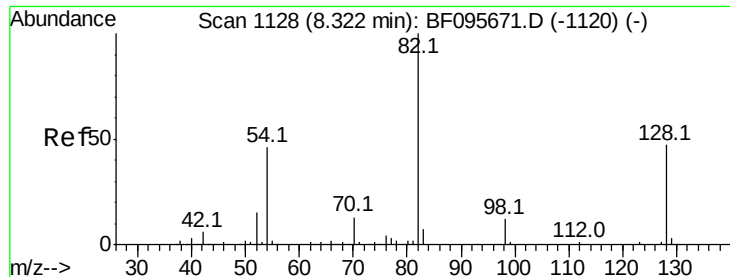
Delta R.T. -0.04 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion:	136	Resp:	298411
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.9	4.9	7.3
68	5.8	4.1	6.1





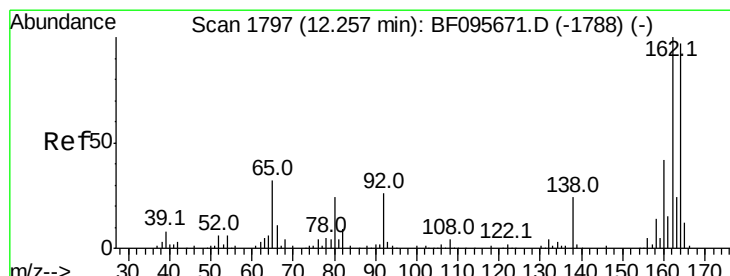
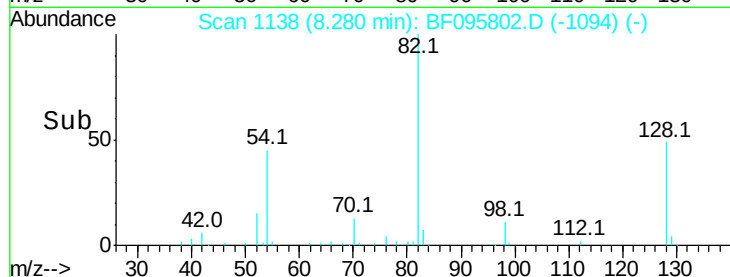
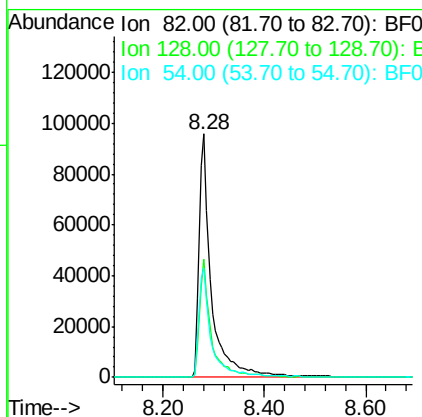
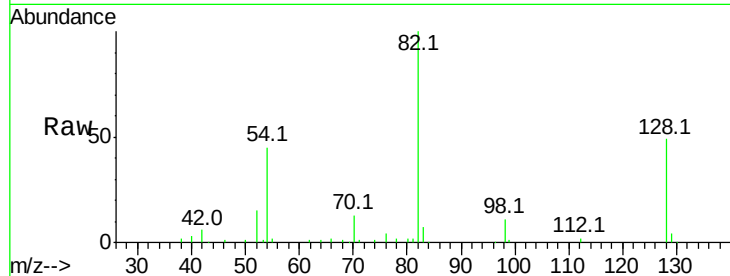
#23
Nitrobenzene-d5
Concen: 33.98 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	44.8	42.2	63.2

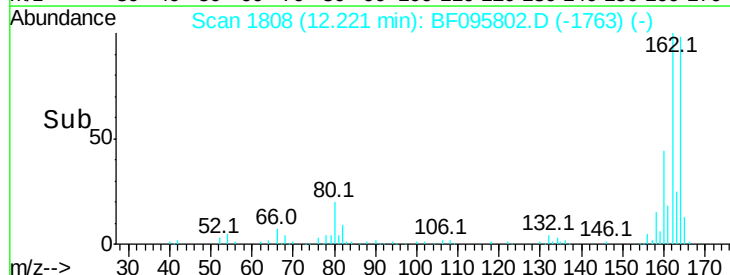
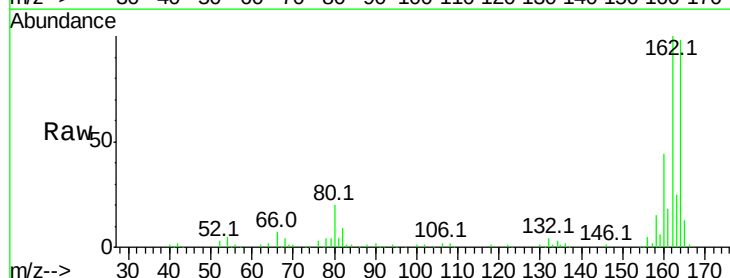
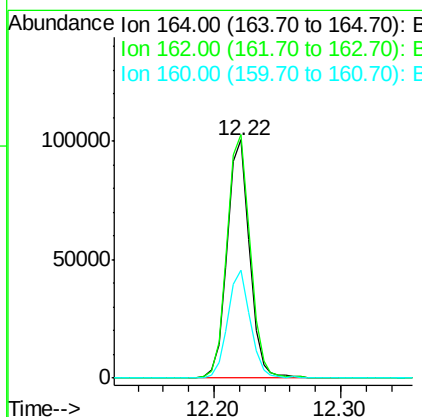
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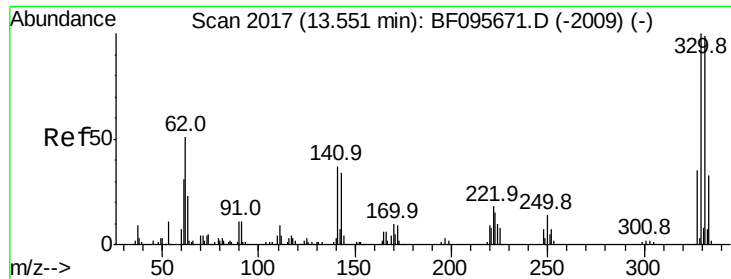
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.3	36.2	54.2





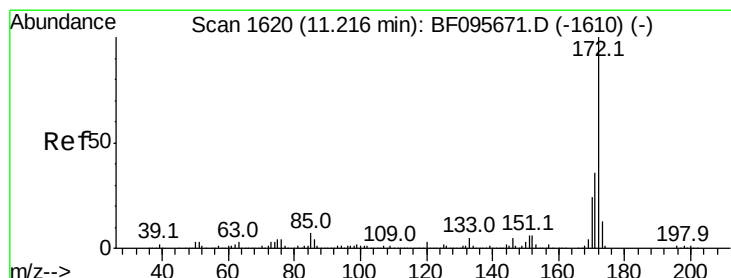
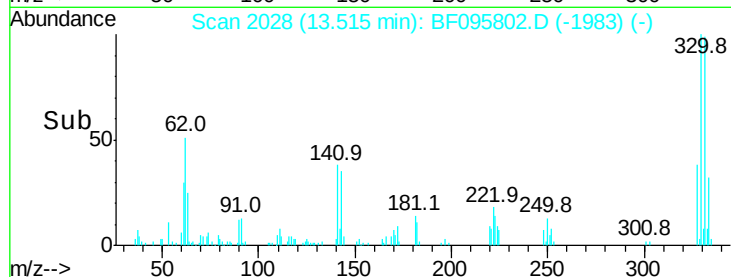
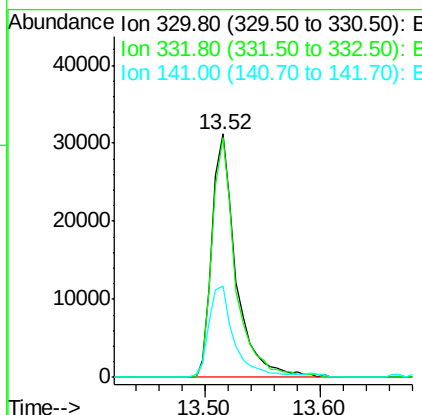
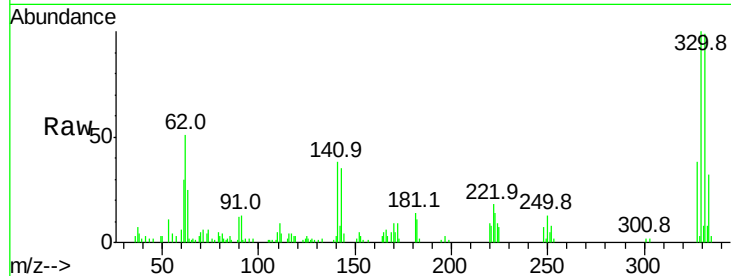
#41
2,4,6-Tribromophenol
Concen: 41.69 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.2	31.4	47.2

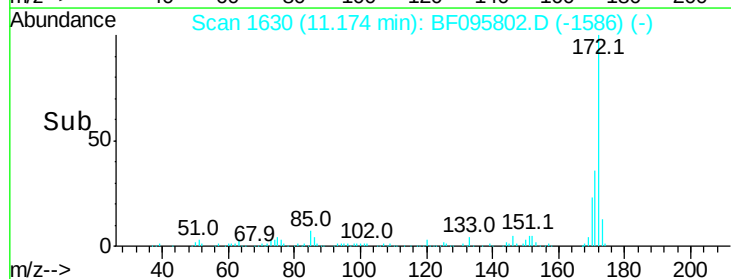
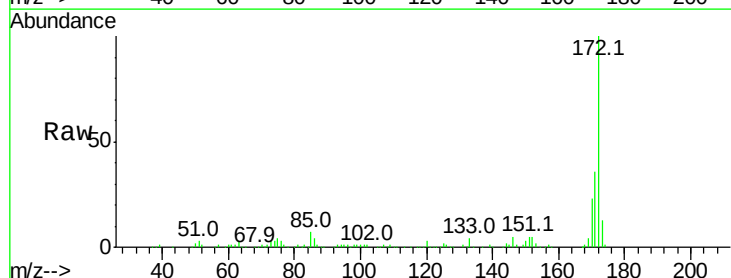
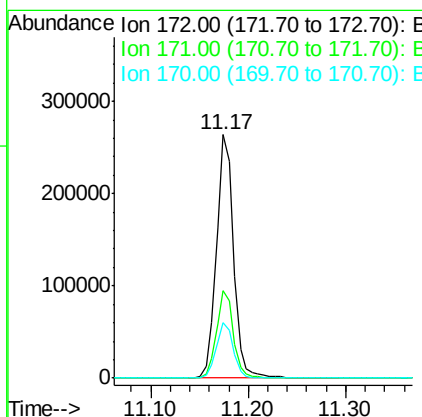
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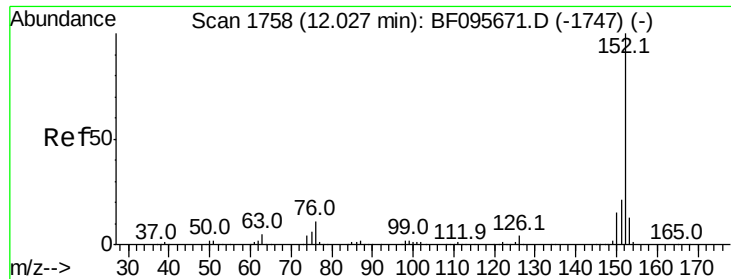
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#44
2-Fluorobiphenyl
Concen: 36.50 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.8	19.8	29.8





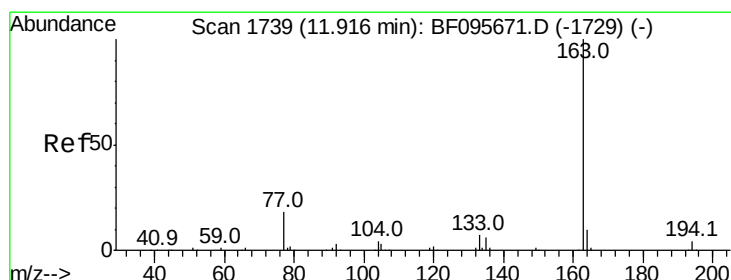
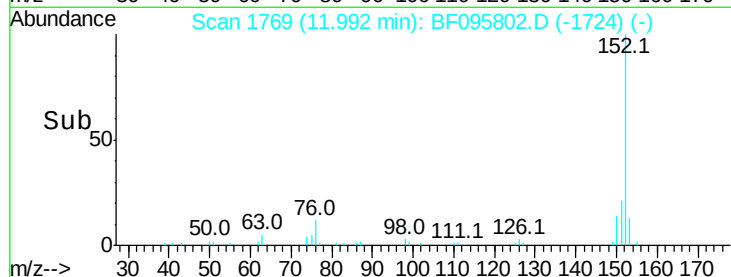
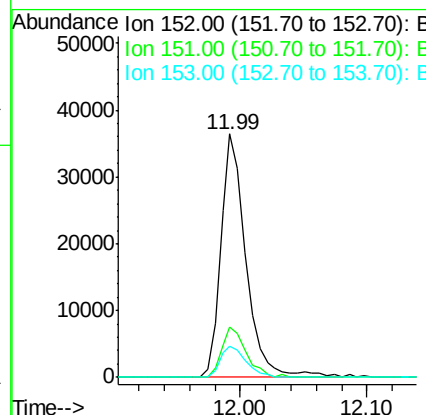
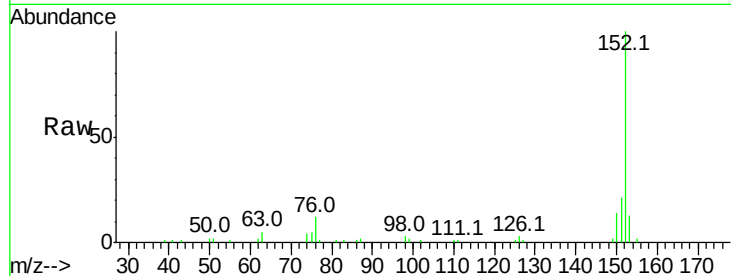
#48
Acenaphthylene
Concen: 3.72 ng
RT: 11.99 min Scan# 1769
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.0	10.8	16.2

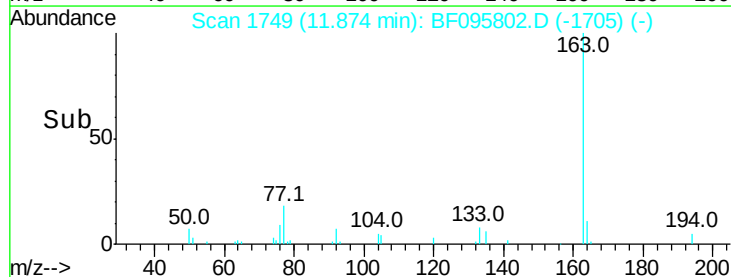
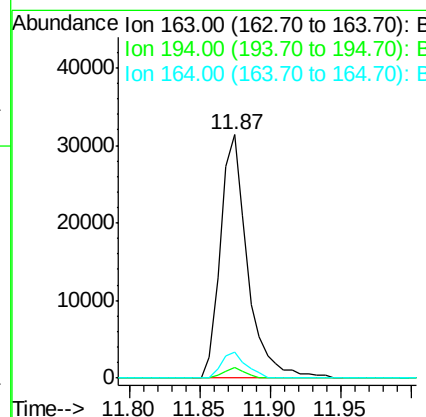
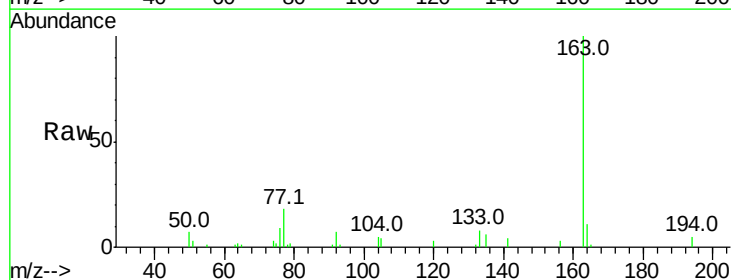
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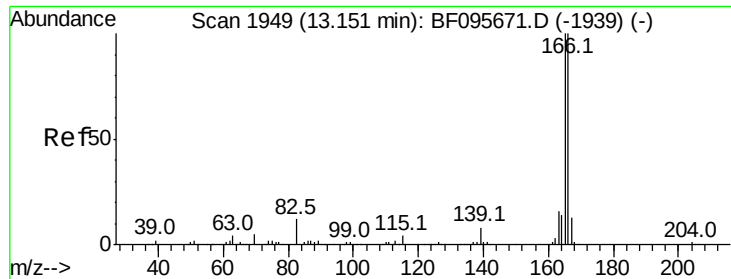
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#49
Dimethylphthalate
Concen: 4.50 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.6	4.0#
164	10.9	8.4	12.6





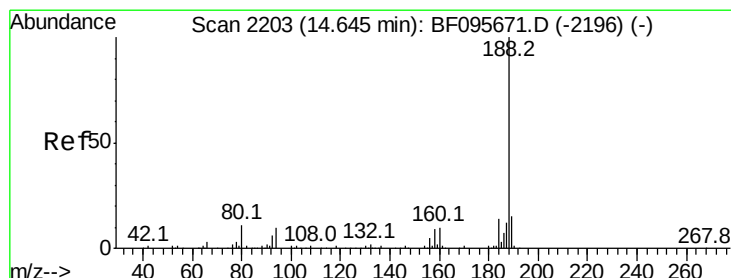
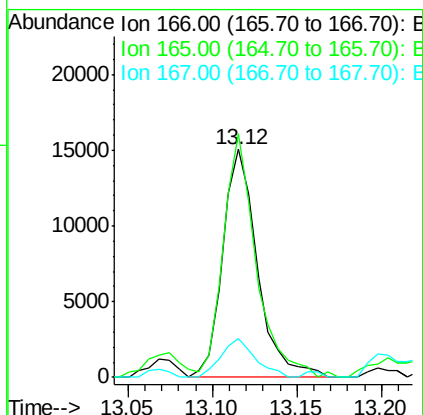
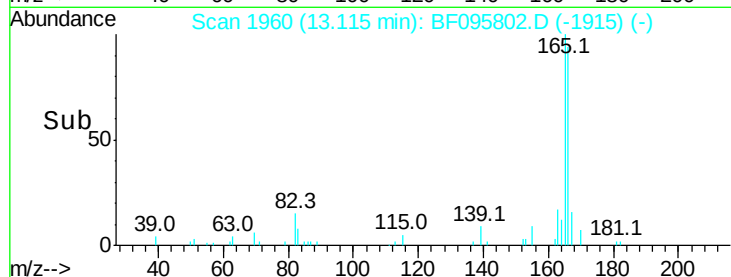
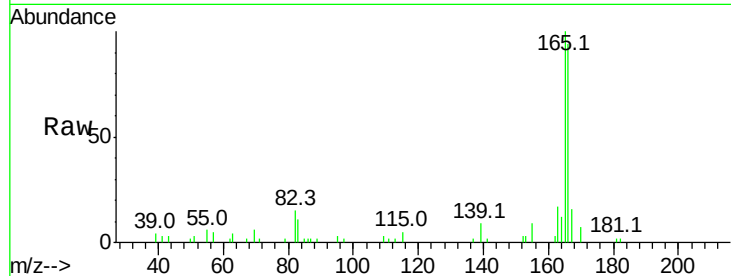
#57
Fluorene
Concen: 2.25 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
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POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.9	78.8	118.2
167	17.0	10.6	16.0

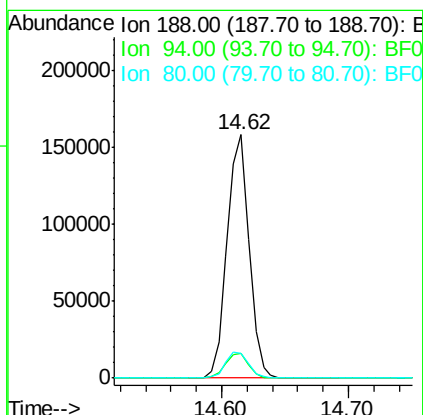
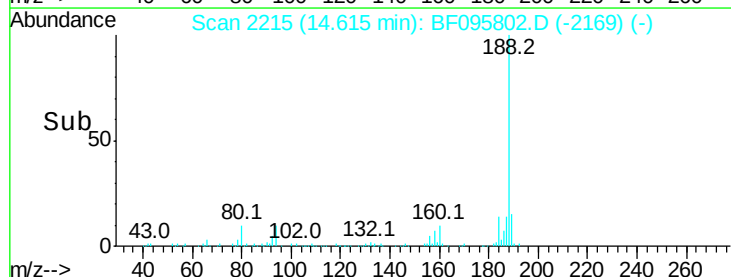
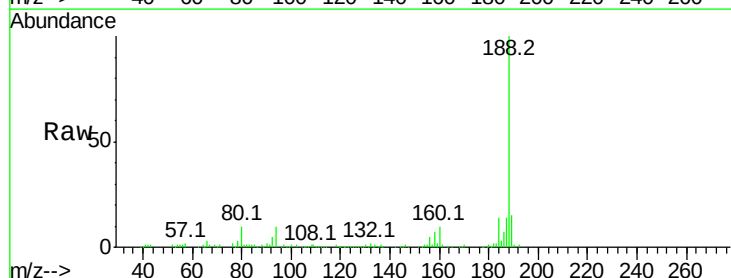
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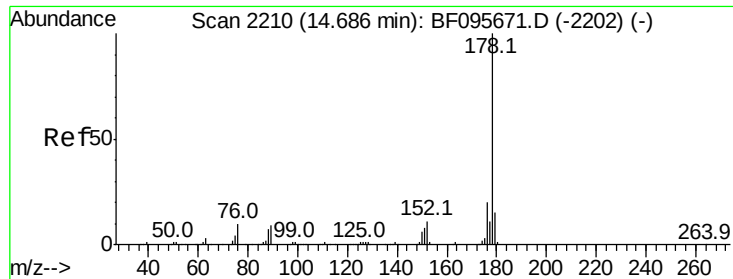
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.2	10.2	15.2





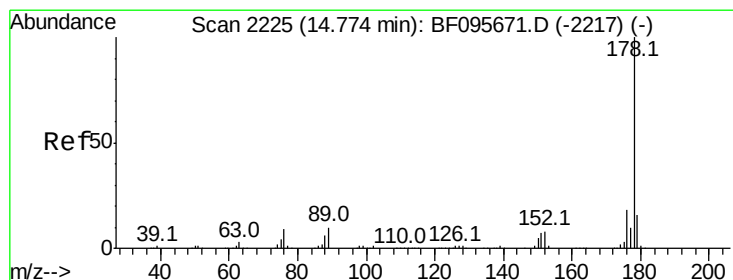
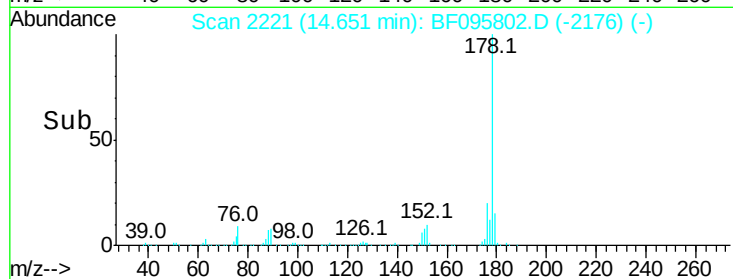
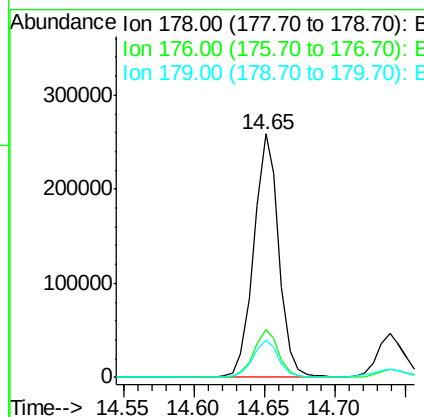
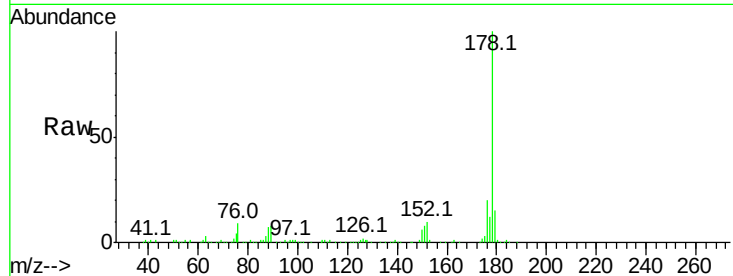
#70
Phenanthrene
Concen: 29.49 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0

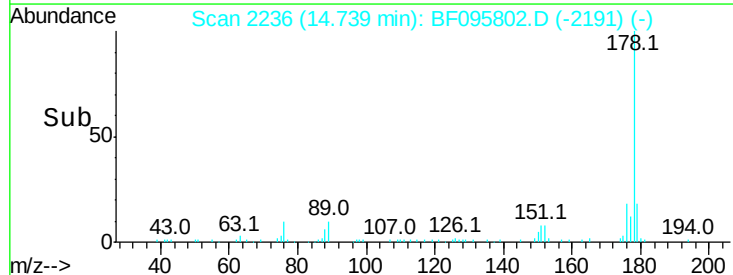
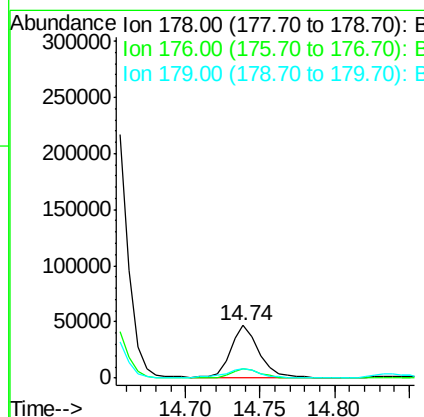
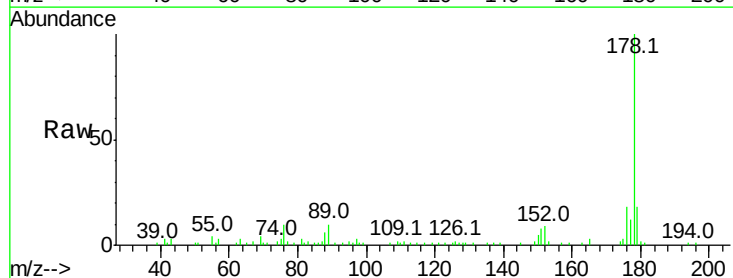
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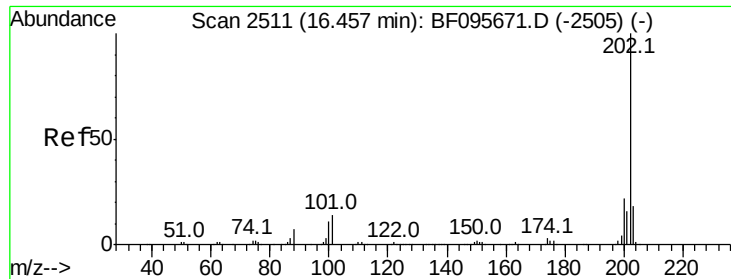
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#71
Anthracene
Concen: 5.41 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	17.7	12.7	19.1





#74

Fluoranthene

Concen: 37.36 ng

RT: 16.43 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Instrument :

BNA_F

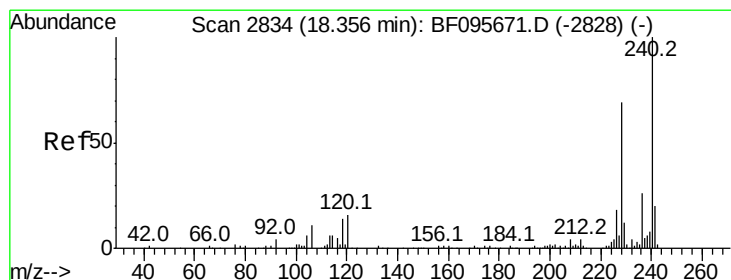
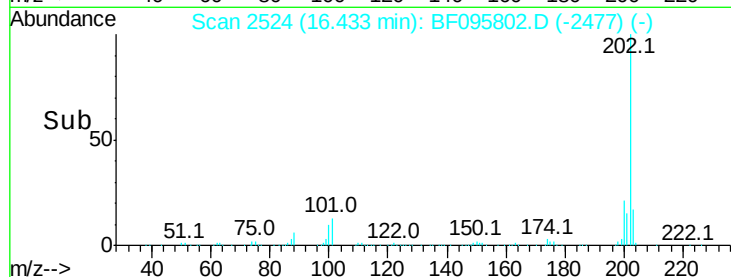
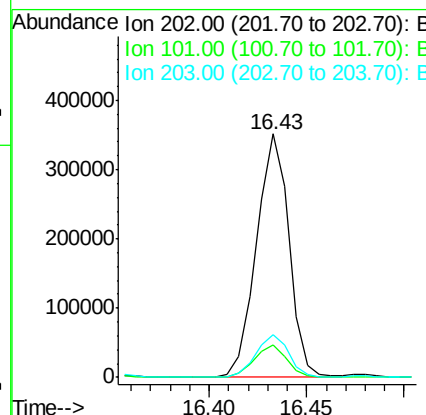
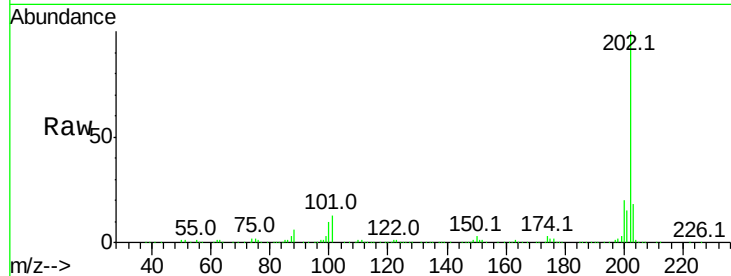
ClientSampleId :

POSTEX-49-20170602

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.5	0.0	33.2	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

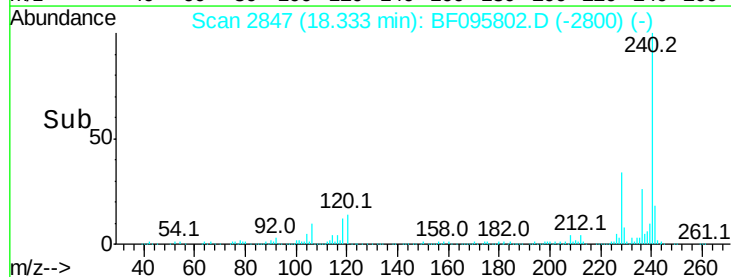
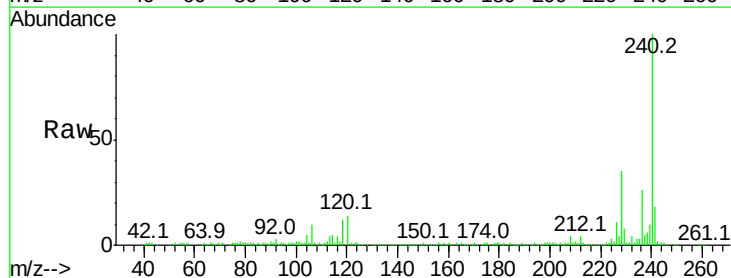
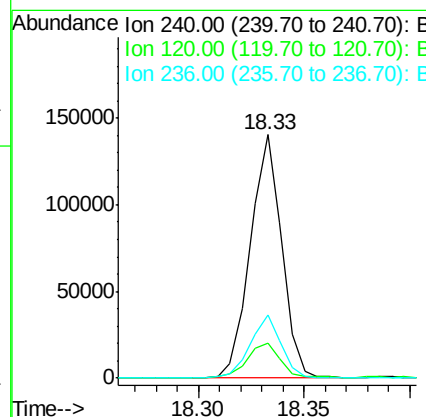
RT: 18.33 min Scan# 2847

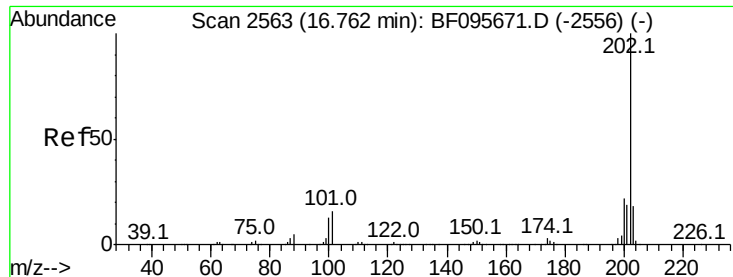
Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.3	5.8	8.8#	
236	25.8	20.5	30.7	





#77

Pvrene

Concen: 42.19 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Instrument :

BNA_F

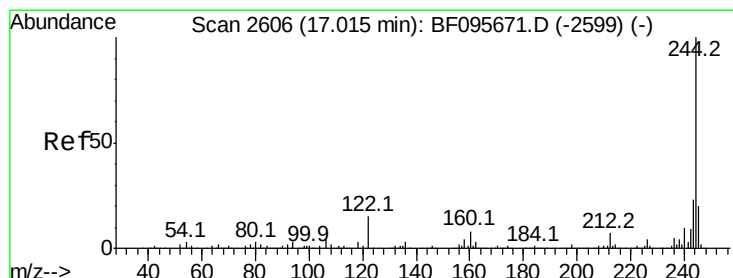
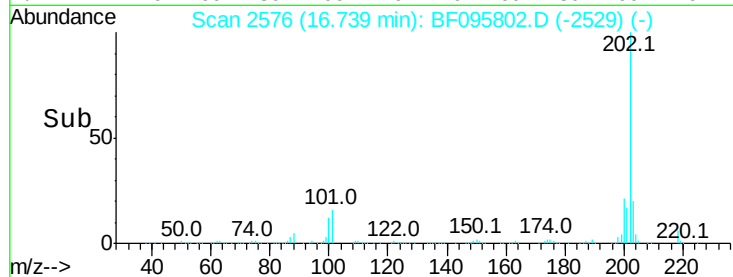
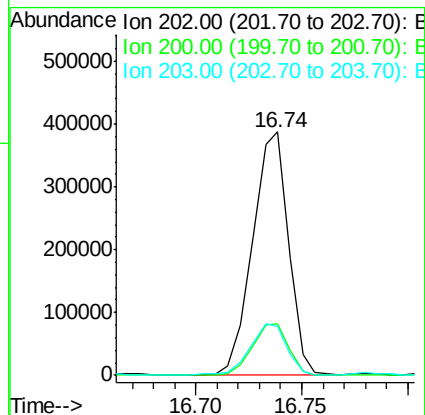
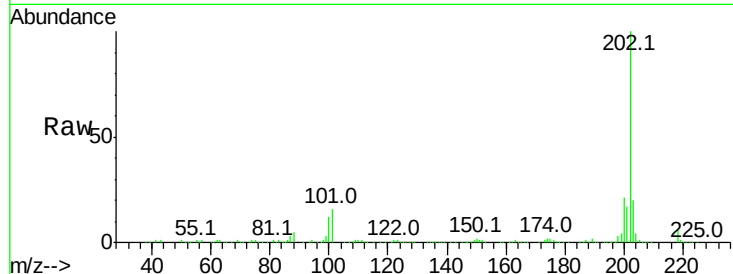
ClientSampleId :

POSTEX-49-20170602

Tot Ion:	202	Resp:	457633
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	20.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 35.58 ng

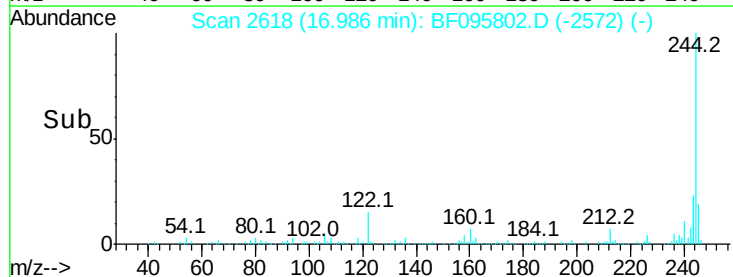
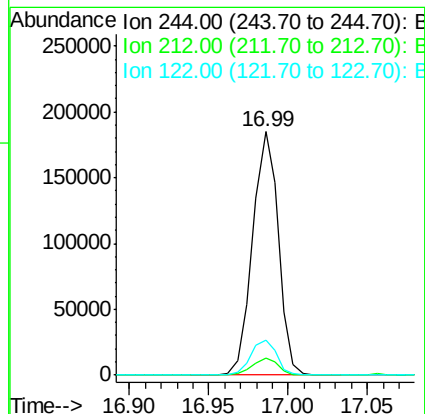
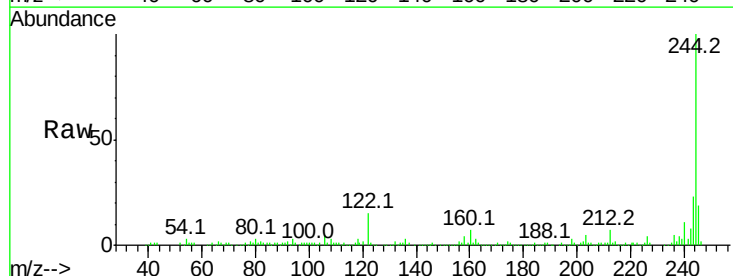
RT: 16.99 min Scan# 2618

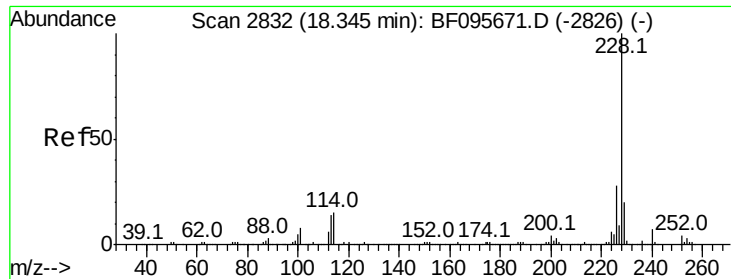
Delta R.T. -0.03 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion:	244	Resp:	208468
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.6	10.3	15.5





#80

Benzo(a)anthracene

Concen: 24.17 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Instrument :

BNA_F

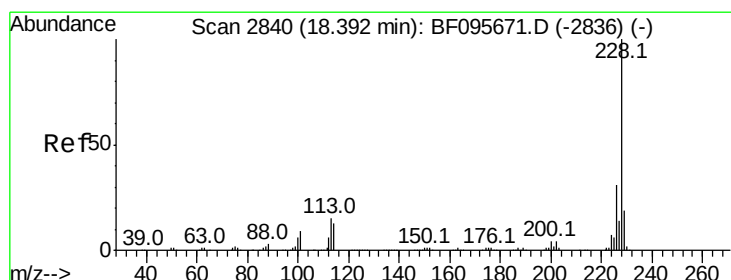
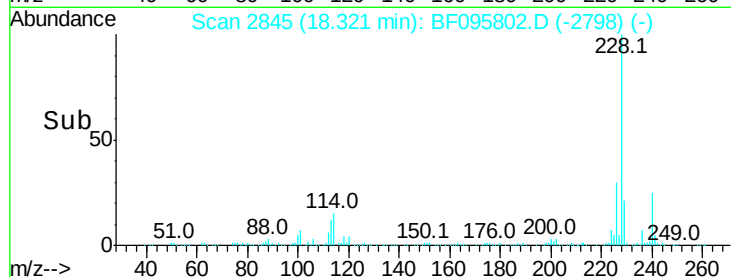
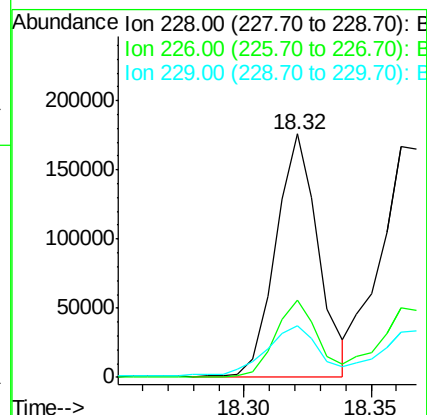
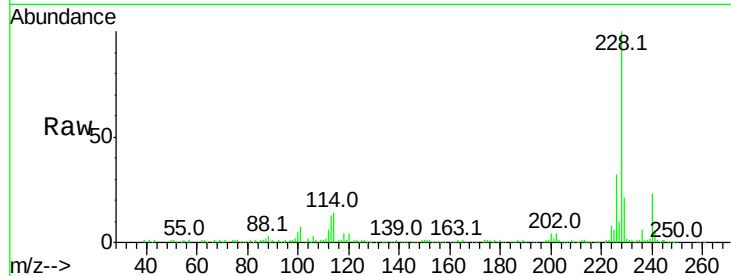
ClientSampleId :

POSTEX-49-20170602

Tot Ion:	228	Resp:	204290
Ion Ratio	Lower	Upper	
228	100		
226	31.8	22.6	33.8
229	21.2	16.3	24.5

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#82

Chrysene

Concen: 26.83 ng

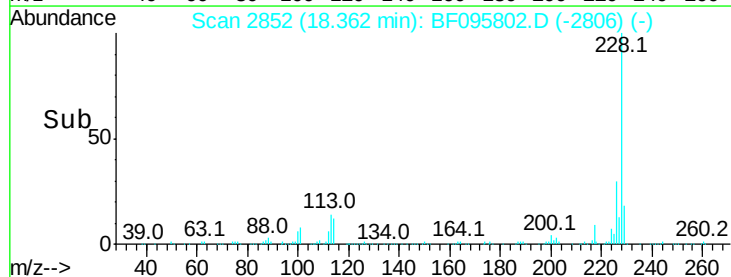
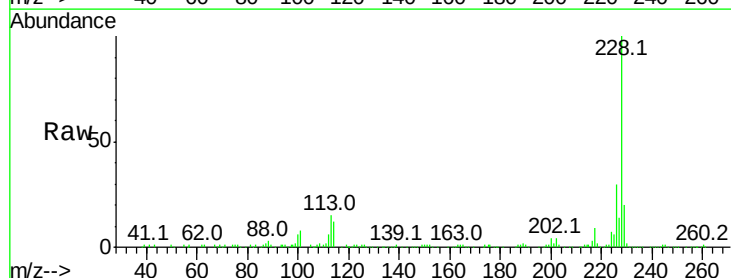
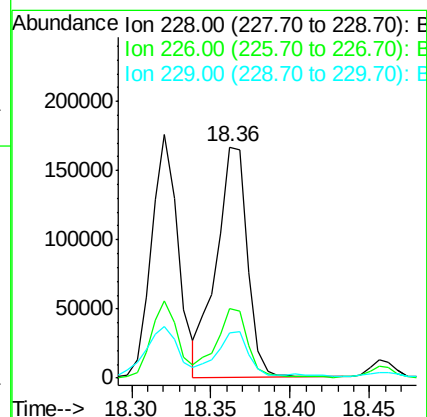
RT: 18.36 min Scan# 2852

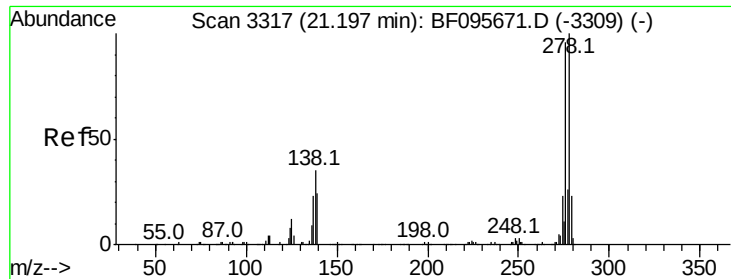
Delta R.T. -0.03 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion:	228	Resp:	226667
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	19.7	15.8	23.6





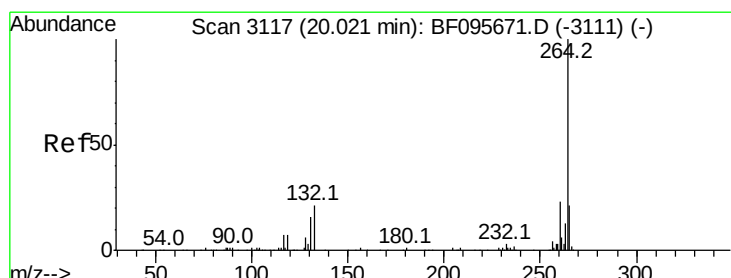
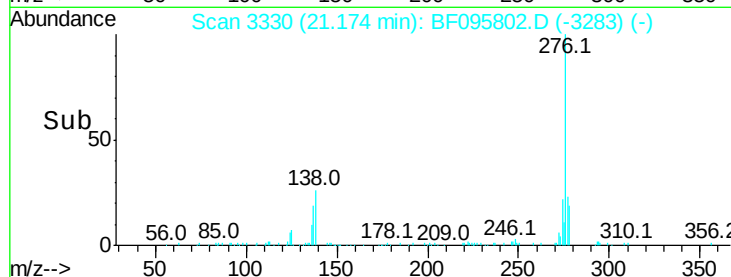
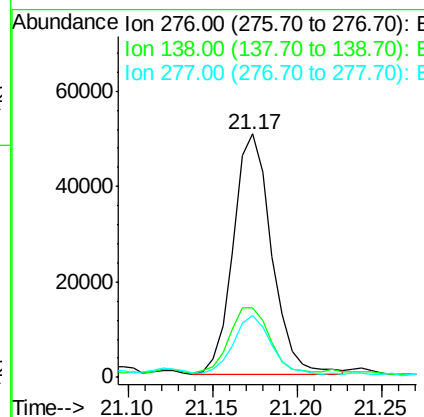
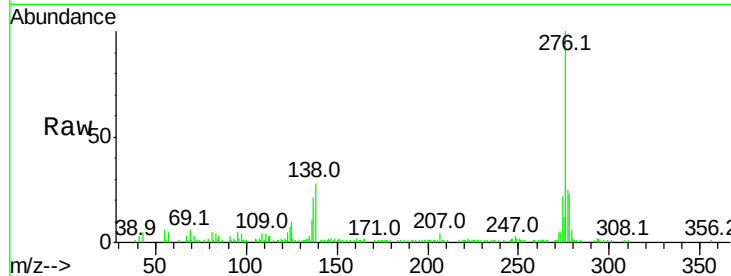
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.06 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	23.4	20.2	30.4

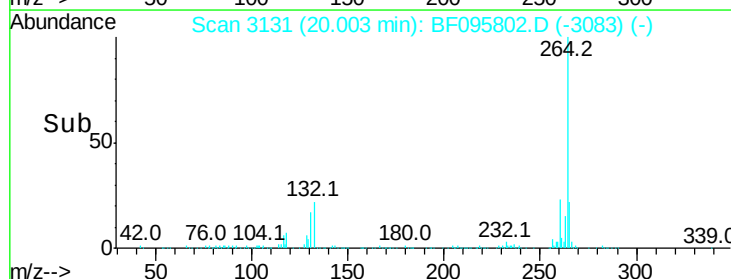
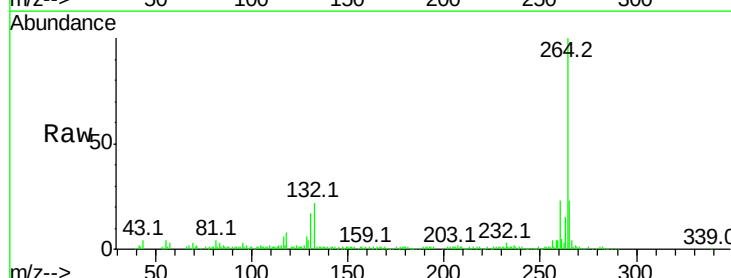
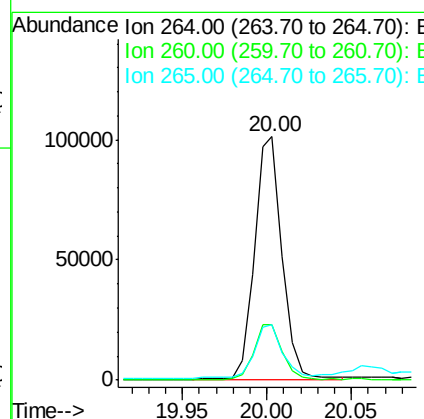
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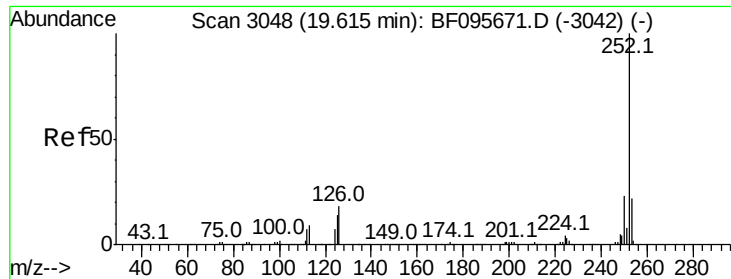
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095802.D
Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 28.51 ng m

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

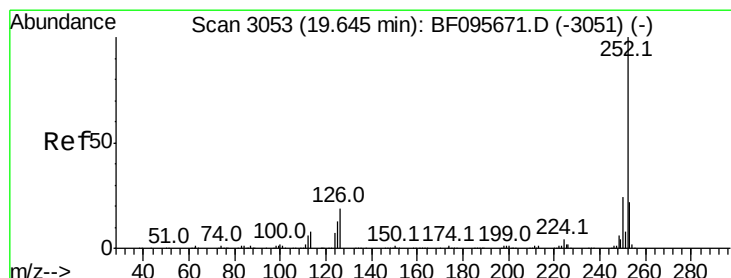
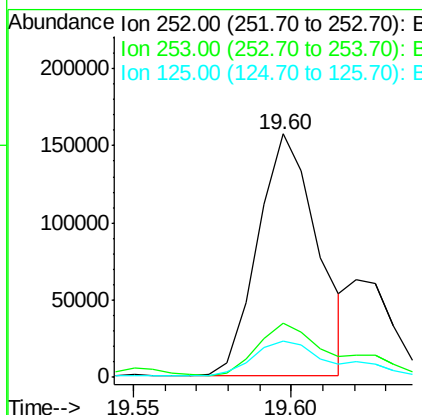
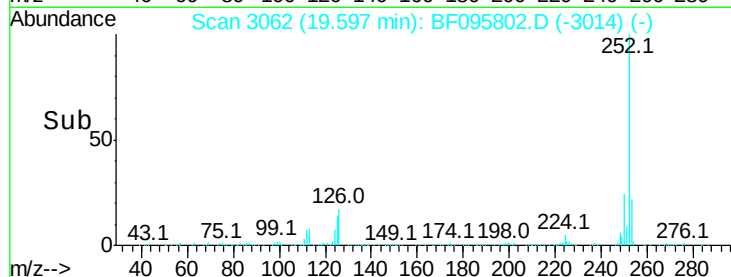
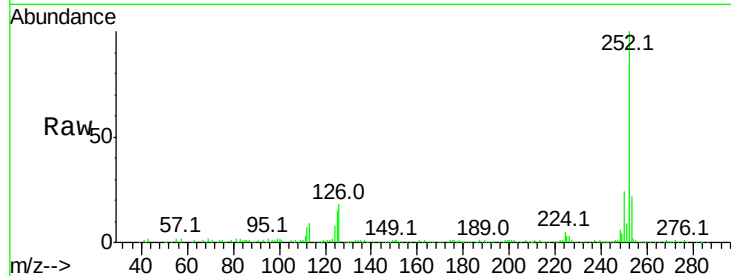
Instrument :
BNA_F

ClientSampleId :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 8.43 ng m

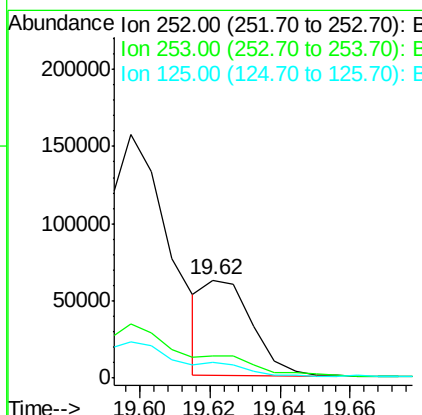
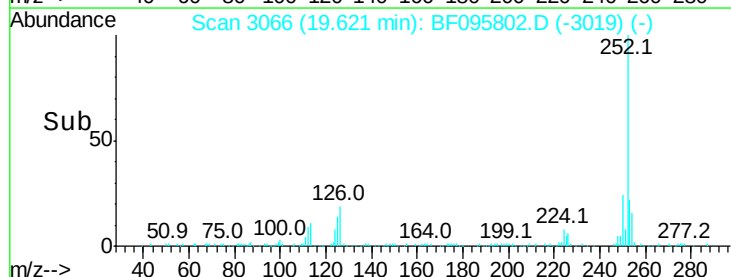
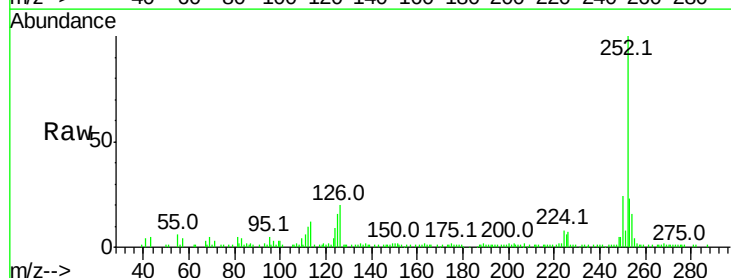
RT: 19.62 min Scan# 3066

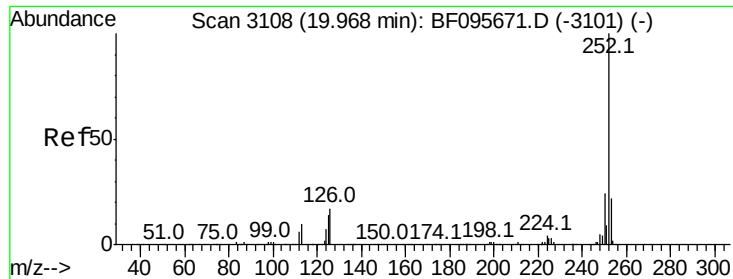
Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 21.88 ng

RT: 19.94 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

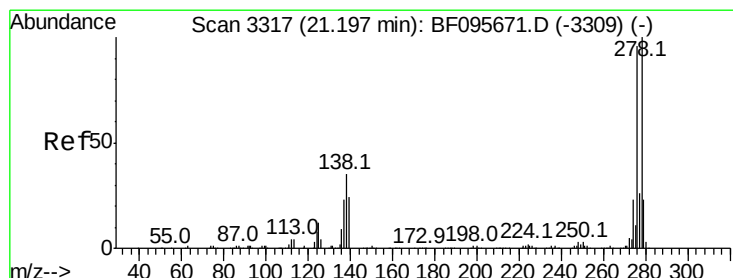
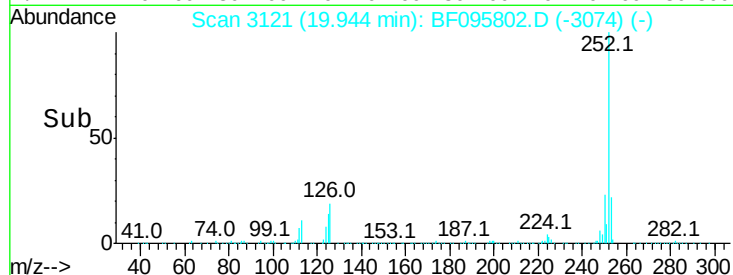
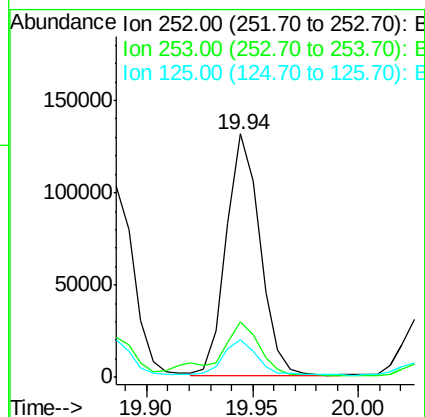
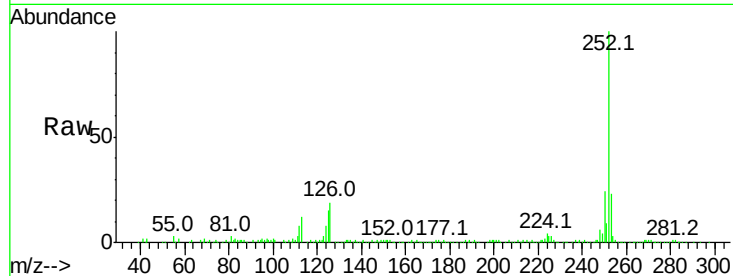
Instrument :
BNA_F

Client Sample ID :
POSTEX-49-20170602

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.3	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 3.59 ng

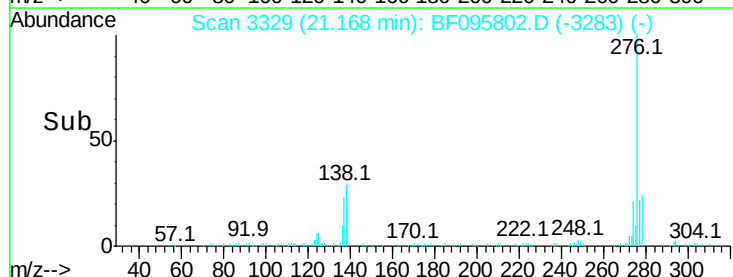
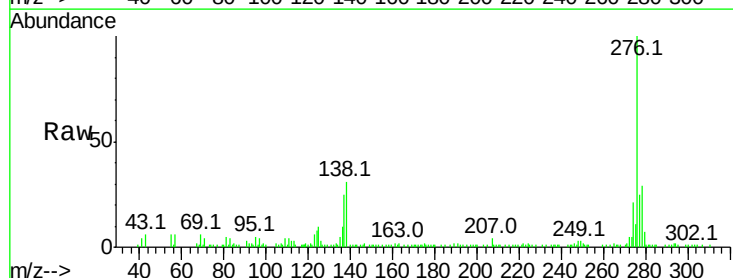
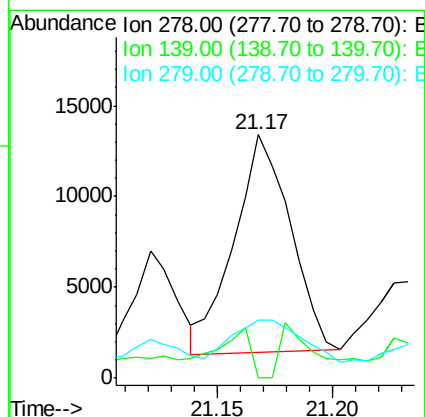
RT: 21.17 min Scan# 3329

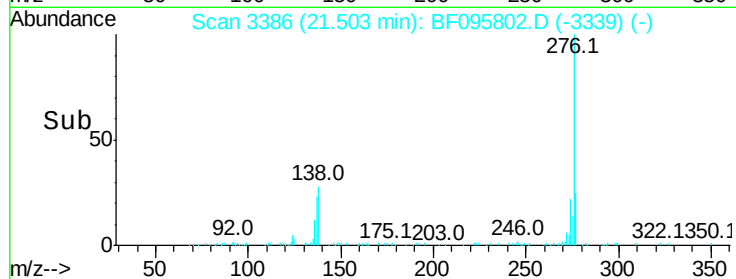
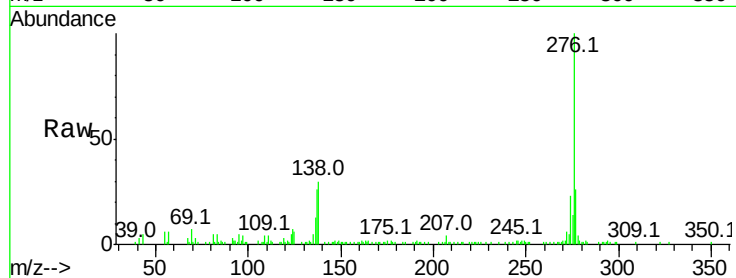
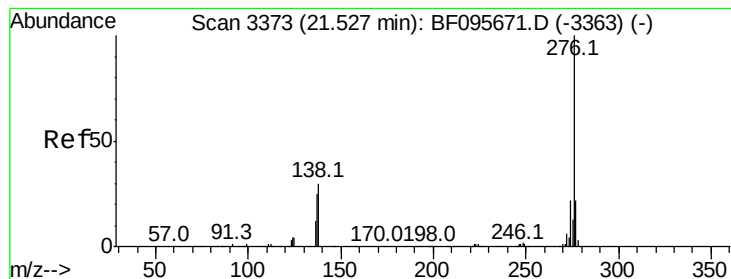
Delta R.T. -0.03 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	24.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 13.23 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095802.D

Acq: 9 Jun 2017 1:18

Instrument :

BNA_F

ClientSampleId :

POSTEX-49-20170602

Tot Ion:	276	Resp:	76357
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
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