

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095663.D
 Acq On : 3 Jun 2017 8:05
 Operator : SJ/MA
 Sample : I3415-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

Manual Integrations
 APPROVED

mohammad
 6/6/2017 8:49:36 AM

Quant Time: Jun 05 13:14:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	87973	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	343314	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	139530	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	197019	20.00	ng	0.00
75) Chrysene-d12	18.50	240	165800	20.00	ng	0.00
86) Perylene-d12	20.17	264	110969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	658073	124.71	ng	0.00
7) Phenol-d6	7.09	99	779051	123.05	ng	0.00
23) Nitrobenzene-d5	8.45	82	419690	77.09	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	106139	92.88	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	560241	57.79	ng	0.00
78) Terphenyl-d14	17.14	244	293849	39.04	ng	0.00
Target Compounds						
10) Phenol	7.11	94	44996	6.74	ng	Qvalue 85
49) Dimethylphthalate	12.03	163	163588	14.28	ng	98
70) Phenanthrene	14.84	178	45548	4.02	ng	98
74) Fluoranthene	16.60	202	55111	4.75	ng	98
77) Pyrene	16.91	202	48544	3.91	ng	# 93
80) Benzo(a)anthracene	18.49	228	26540m	2.75	ng	
82) Chrysene	18.53	228	26432	2.83	ng	98
87) Benzo(b)fluoranthene	19.77	252	21414m	3.12	ng	
89) Benzo(a)pyrene	20.12	252	16826	2.66	ng	# 90

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

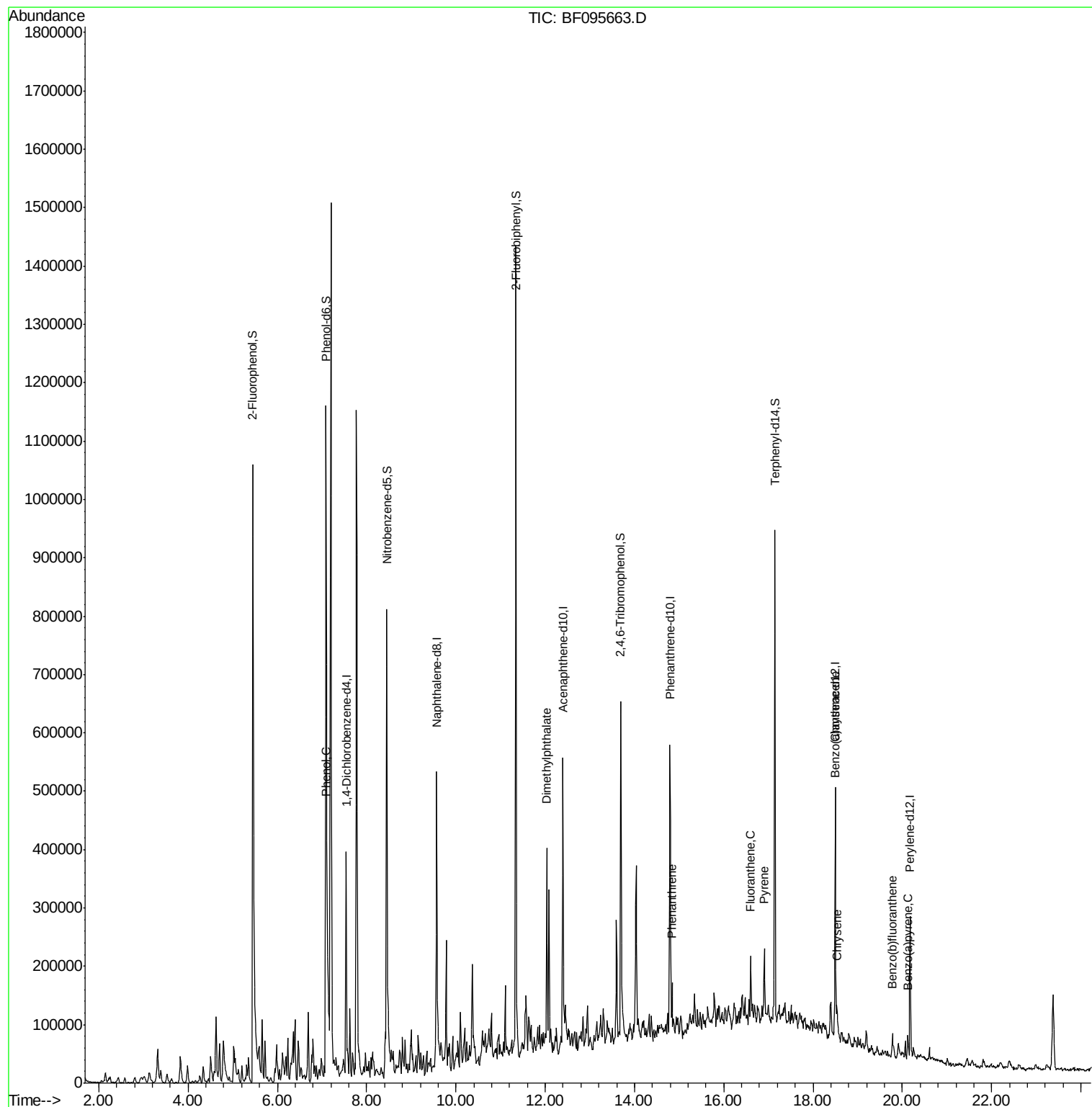
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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ALS Vial : 31 Sample Multiplier: 1

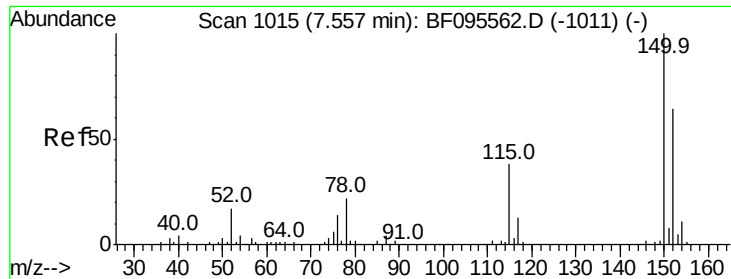
Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

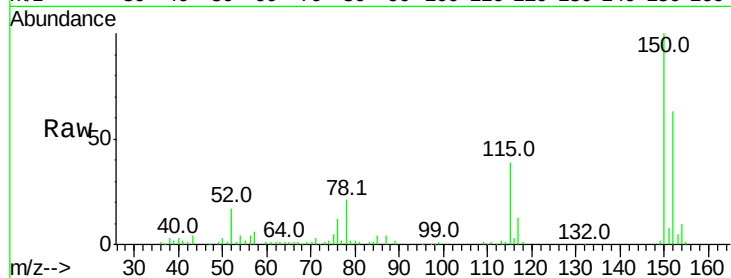
ClientSampleId :

E2-T6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.3	52.2	78.2

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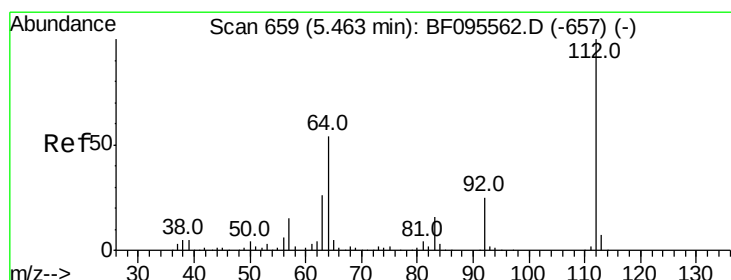
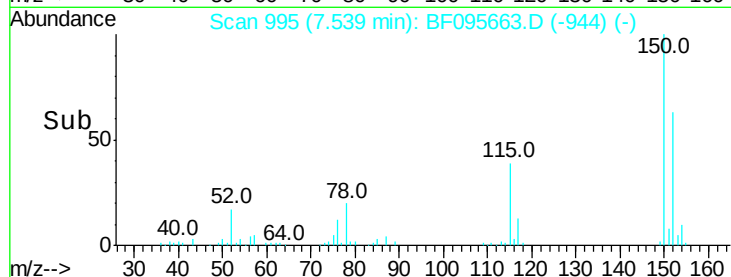
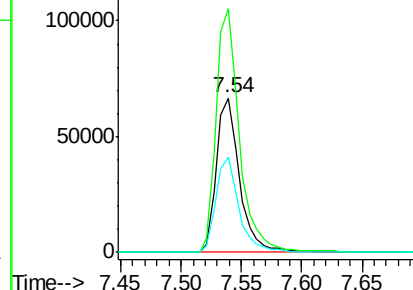
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 124.71 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095663.D

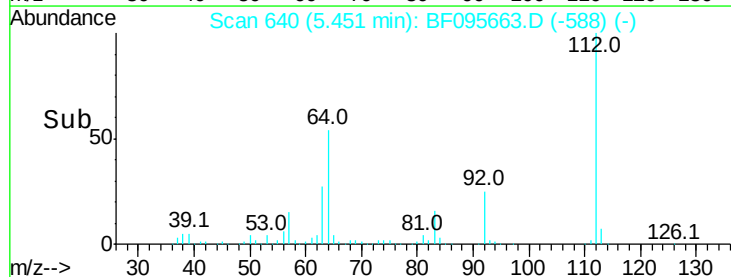
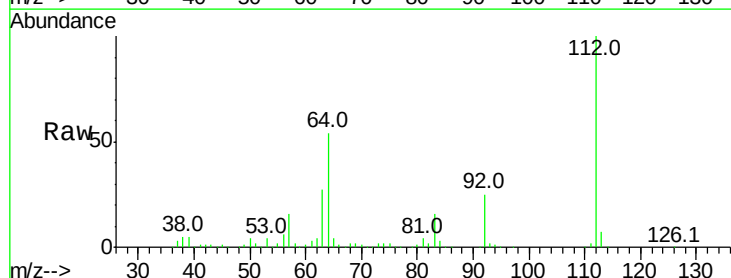
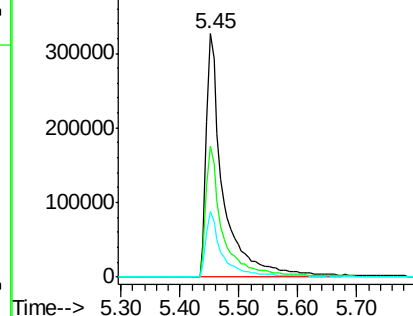
Acq: 3 Jun 2017 8:05

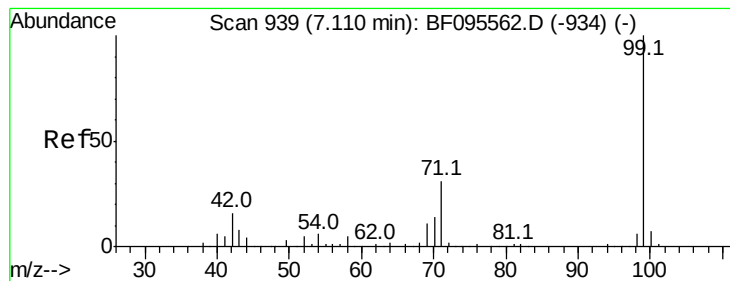
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	27.0	23.4	35.0

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: 123.05 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

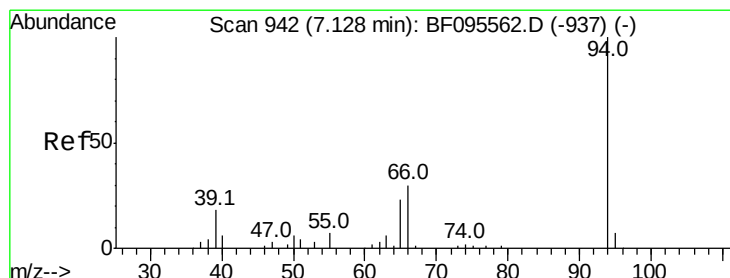
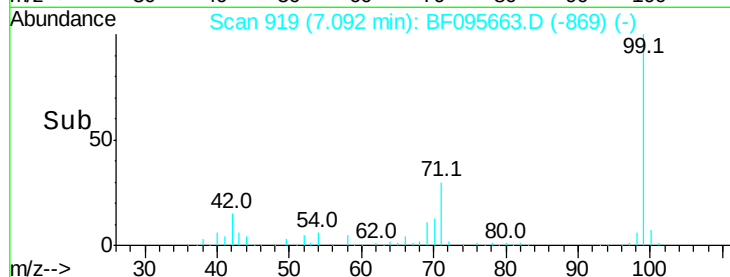
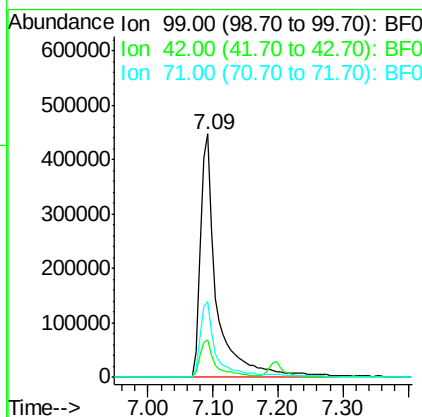
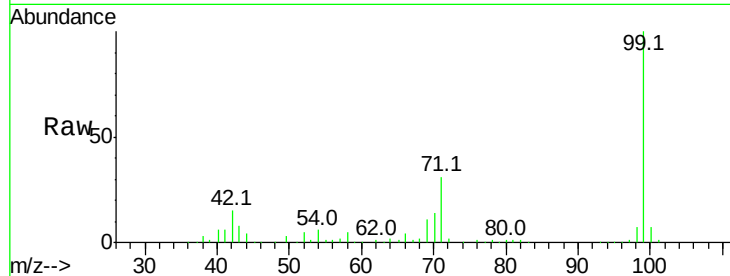
ClientSampleId :

E2-T6-BASE

Tot Ion	99	Resp	779051
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.2	24.5	36.7

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#10

Phenol

Concen: 6.74 ng

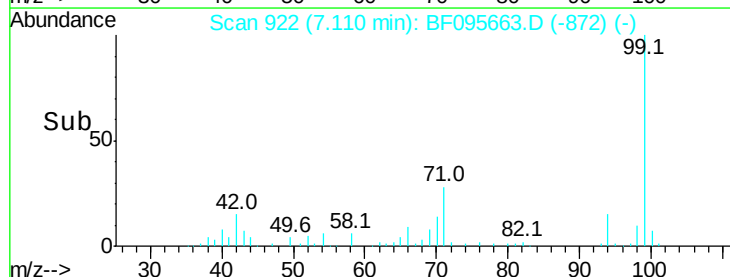
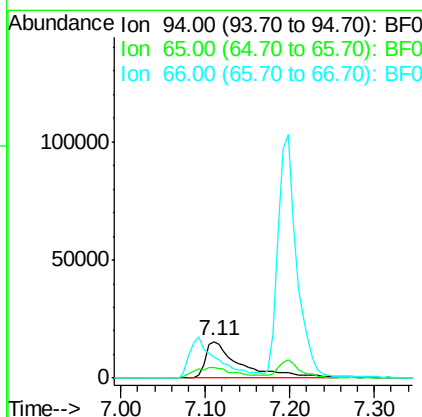
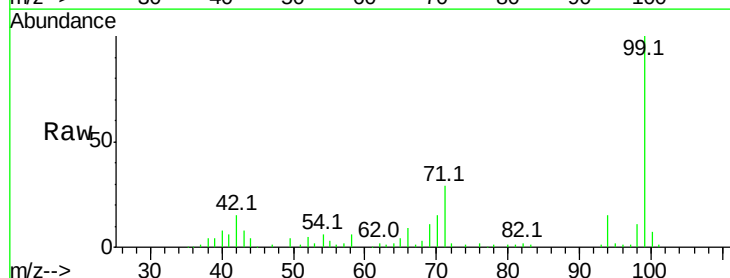
RT: 7.11 min Scan# 922

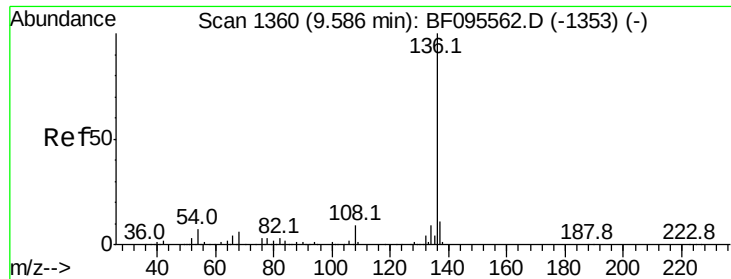
Delta R.T. -0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Tgt Ion	94	Resp	44996
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.9	49.9
66	58.7	23.1	63.1





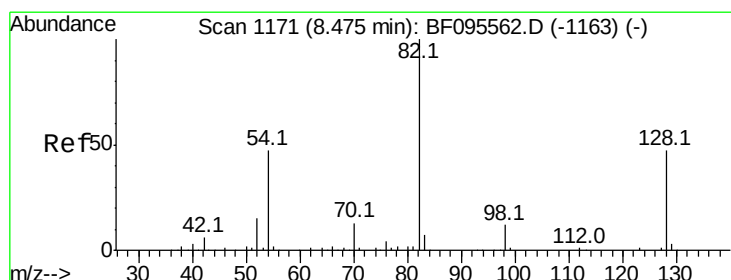
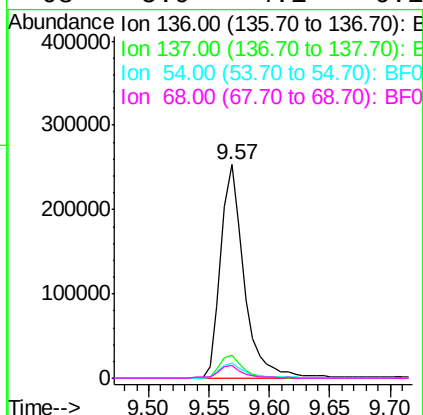
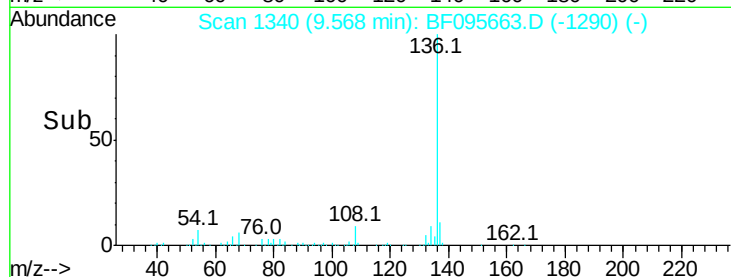
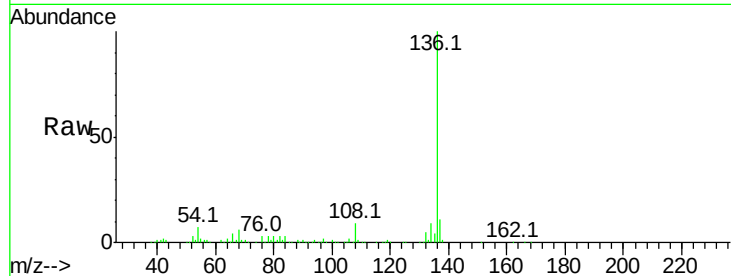
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.3	4.9	7.3	
68	5.9	4.1	6.1	

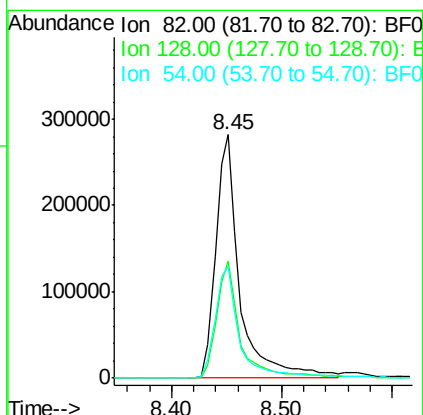
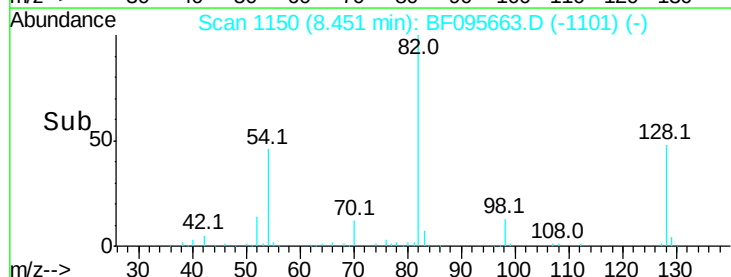
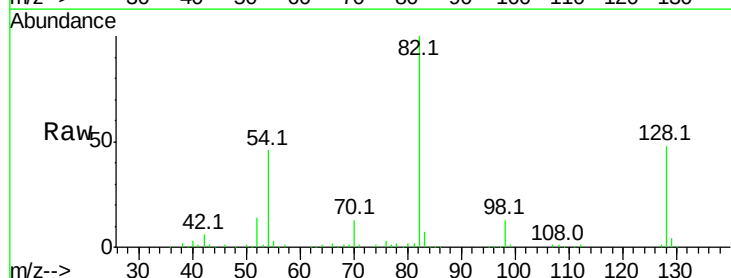
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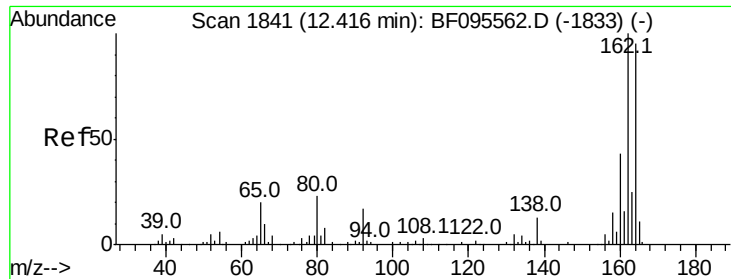
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#23
Nitrobenzene-d5
Concen: 77.09 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	34.0	51.0	
54	45.8	42.2	63.2	





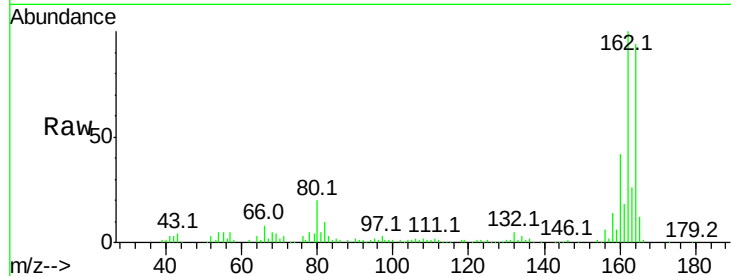
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	139530		
162	106.8	82.6	123.8	
160	44.5	36.2	54.2	

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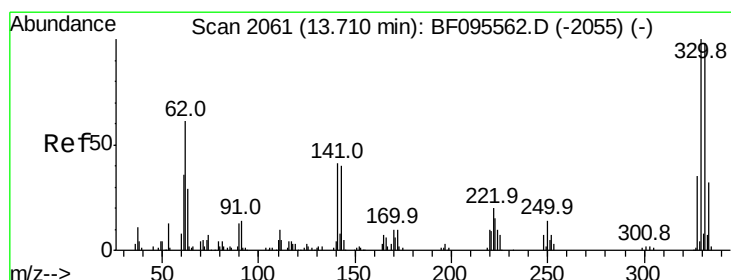
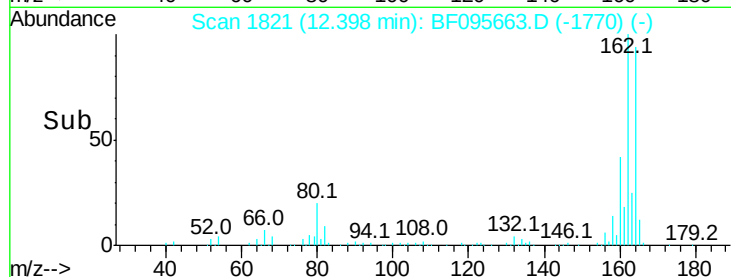
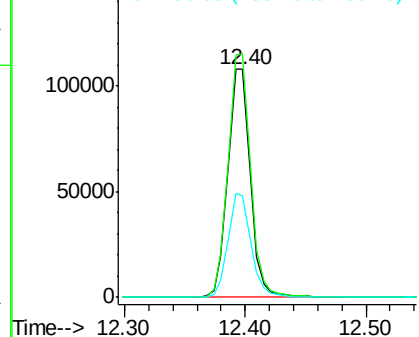


Abundance

Ion 164.00 (163.70 to 164.70): E

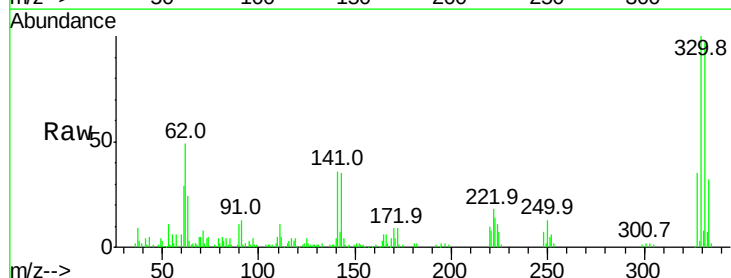
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 92.88 ng
RT: 13.70 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106139		
332	97.7	76.6	115.0	
141	38.3	31.4	47.2	

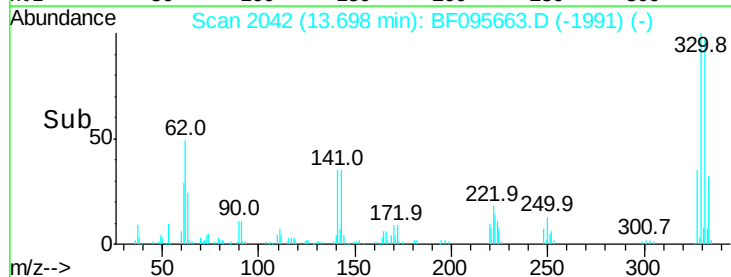
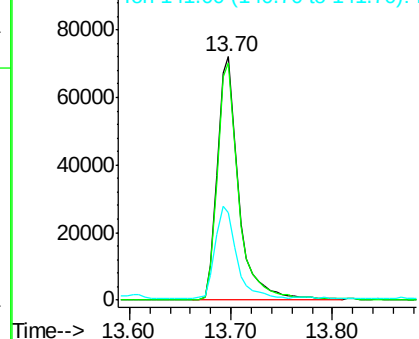


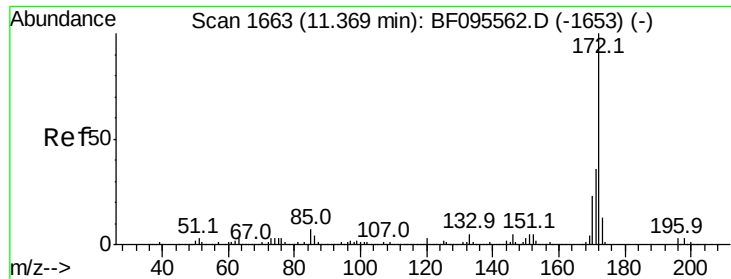
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 57.79 ng

RT: 11.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

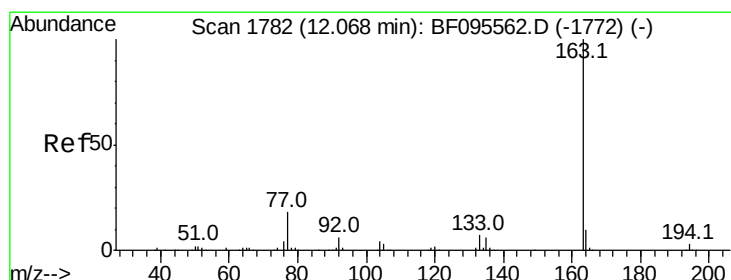
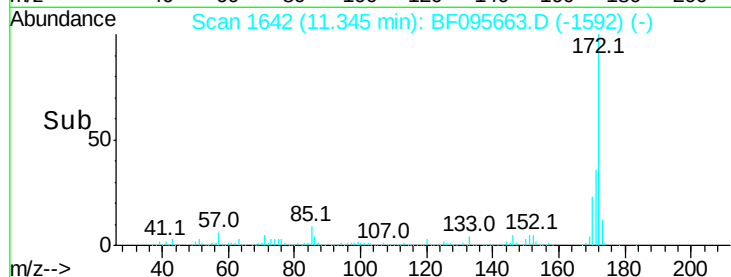
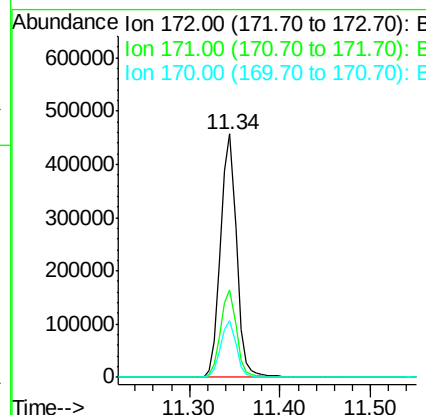
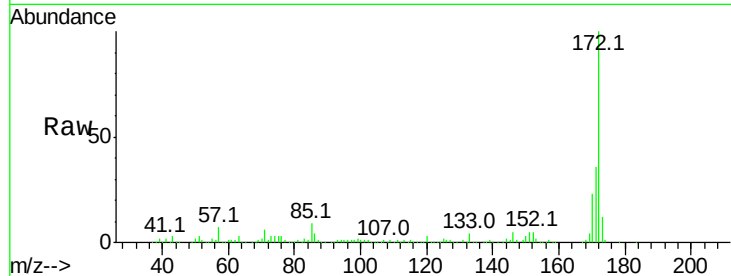
ClientSampleId :

E2-T6-BASE

Tot Ion:	172	Resp:	560241
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8

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#49

Dimethylphthalate

Concen: 14.28 ng

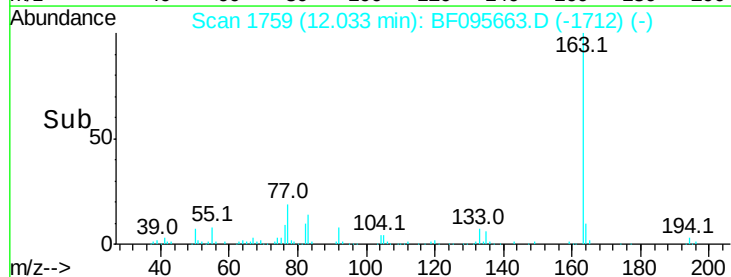
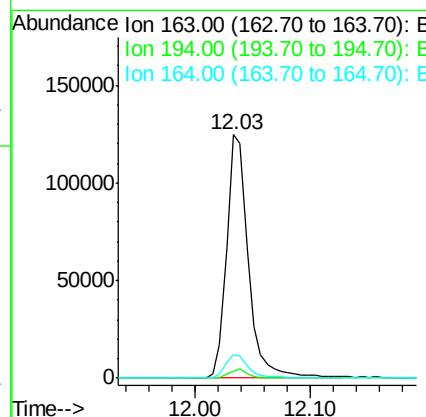
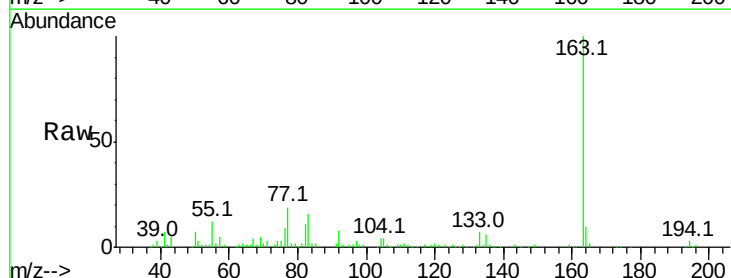
RT: 12.03 min Scan# 1759

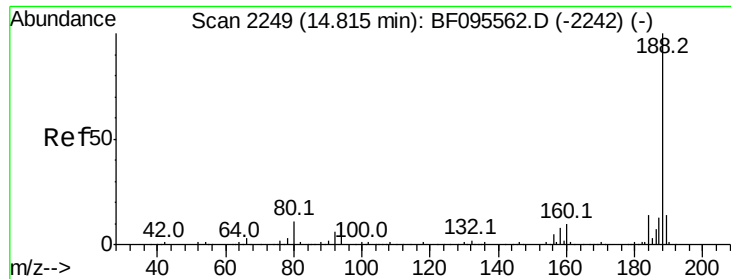
Delta R.T. -0.02 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Tgt Ion:	163	Resp:	163588
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

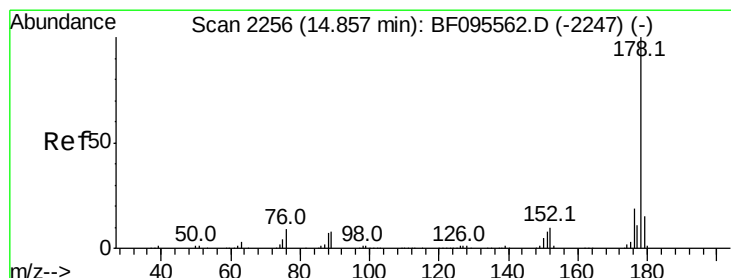
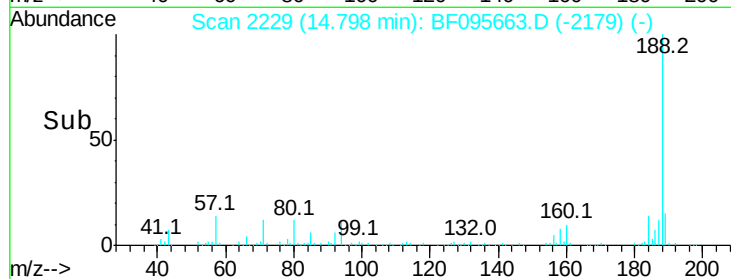
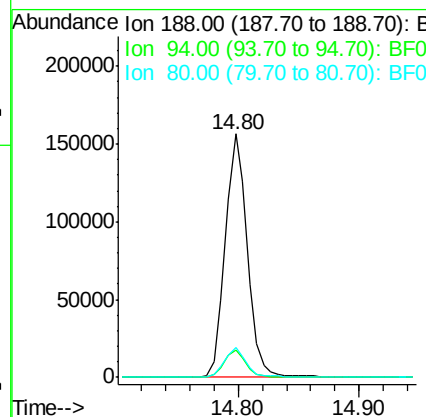
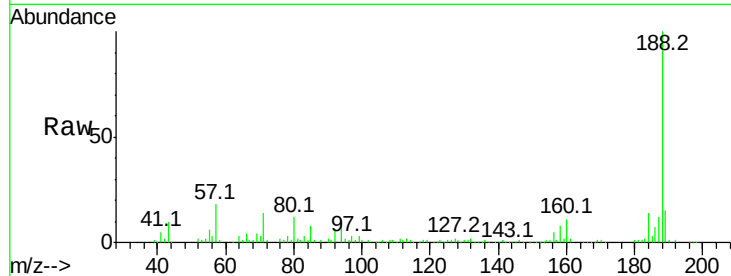
ClientSampleId :

E2-T6-BASE

Tot Ion:	188	Resp:	197019
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	12.3	10.2	15.2

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#70

Phenanthrene

Concen: 4.02 ng

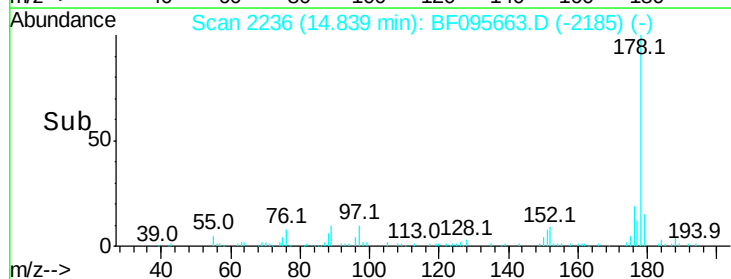
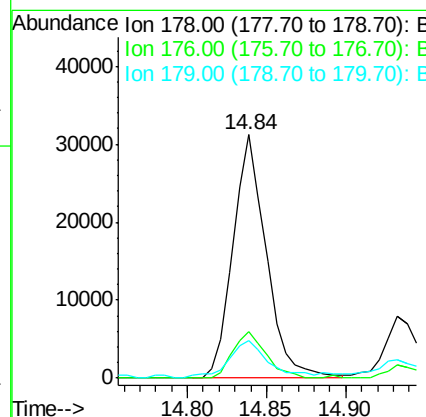
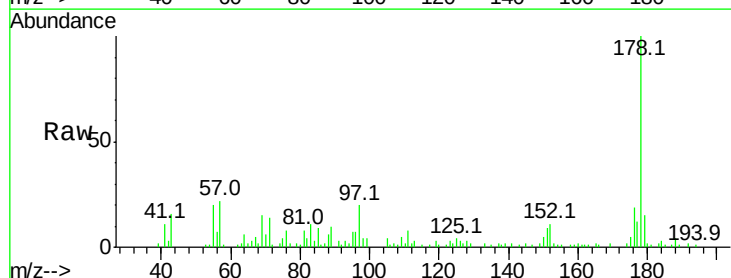
RT: 14.84 min Scan# 2236

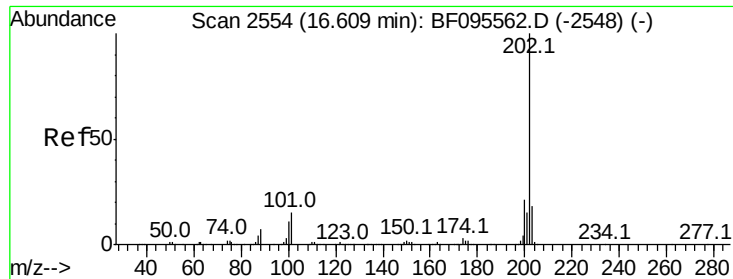
Delta R.T. -0.00 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Tgt Ion:	178	Resp:	45548
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.2	24.4
179	15.2	12.6	19.0





#74

Fluoranthene

Concen: 4.75 ng

RT: 16.60 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

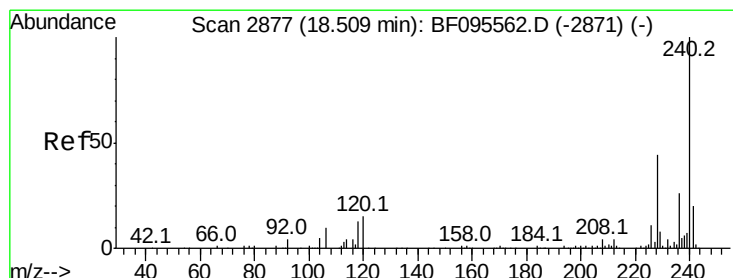
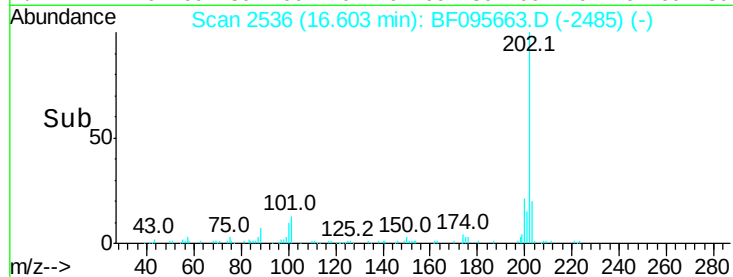
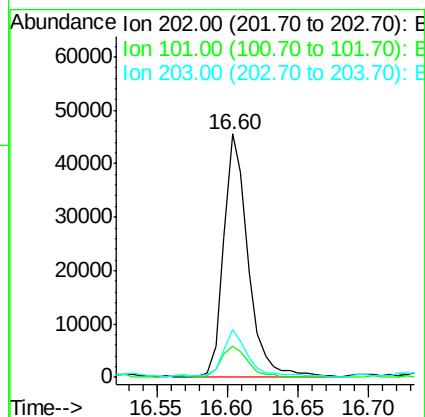
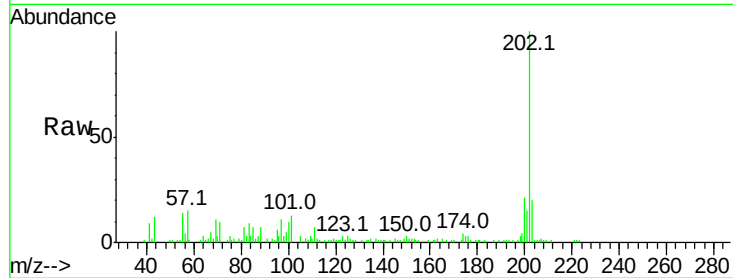
ClientSampleId :

E2-T6-BASE

Tot Ion:	202	Resp:	55111
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	19.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

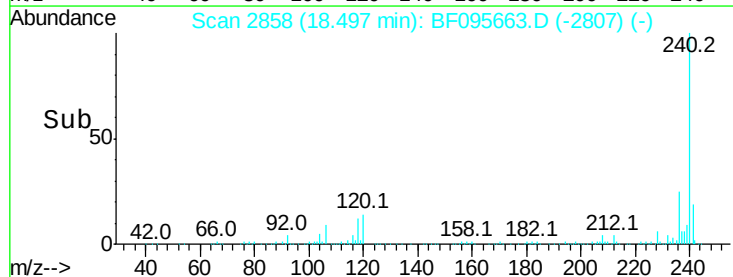
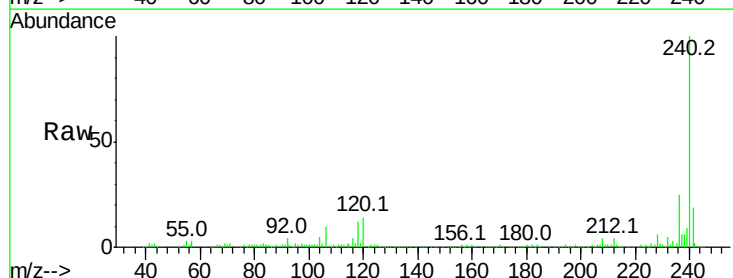
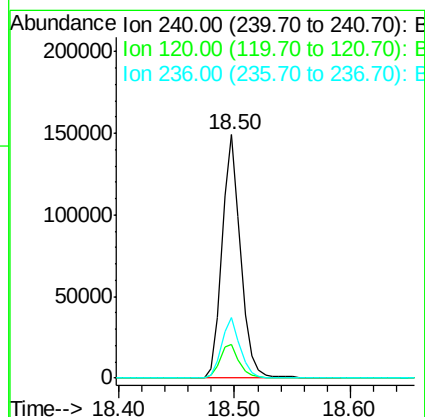
RT: 18.50 min Scan# 2858

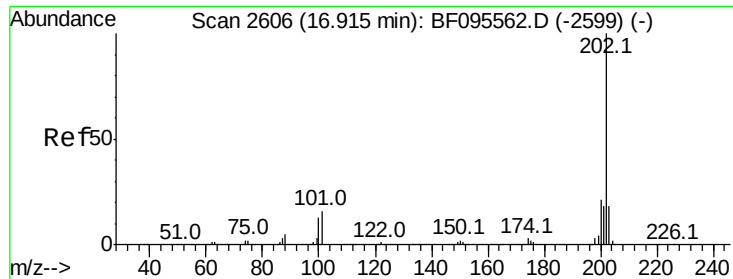
Delta R.T. -0.00 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Tgt Ion:	240	Resp:	165800
Ion Ratio	Lower	Upper	
240	100		
120	14.1	5.8	8.8#
236	25.1	20.5	30.7





#77

Pvrene

Concen: 3.91 ng

RT: 16.91 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

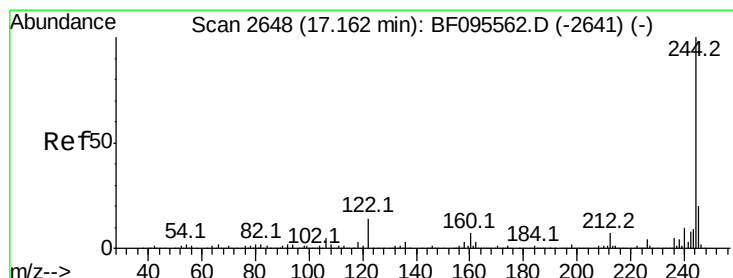
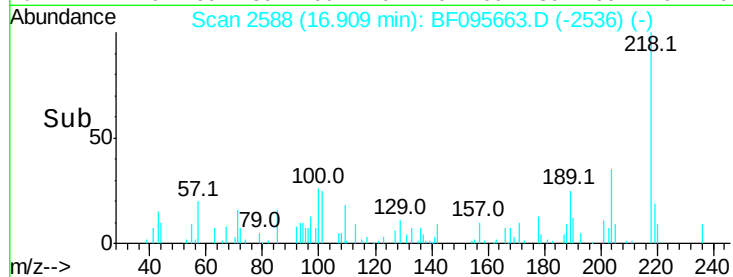
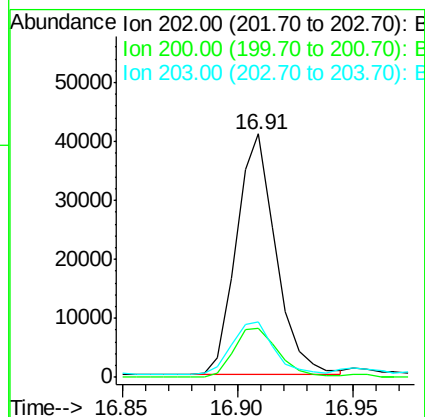
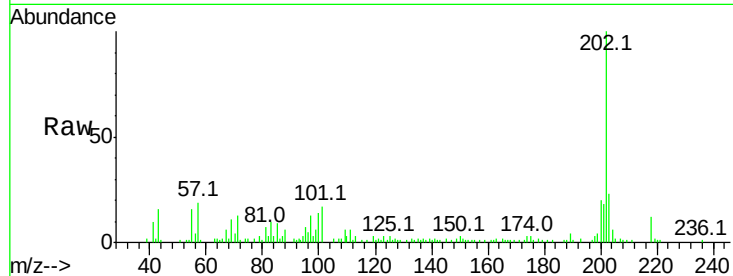
ClientSampleId :

E2-T6-BASE

Tot Ion:	202	Resp:	48544
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.6	26.4
203	22.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 39.04 ng

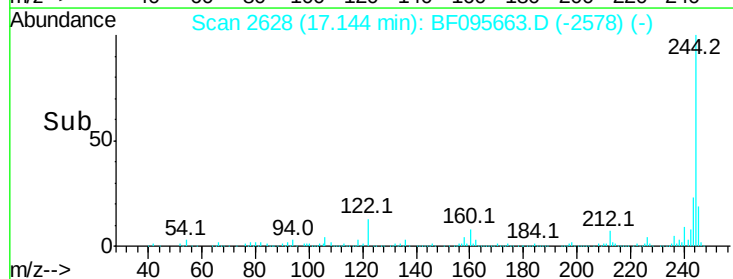
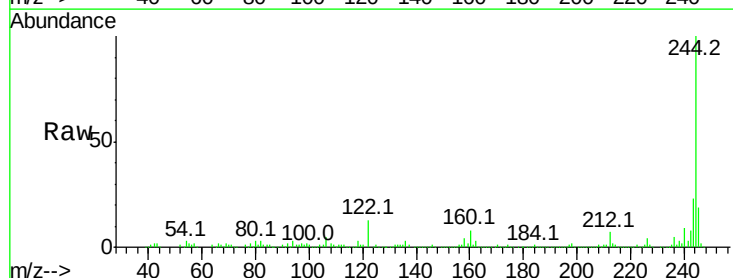
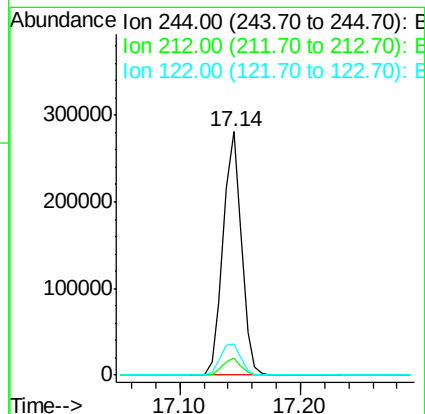
RT: 17.14 min Scan# 2628

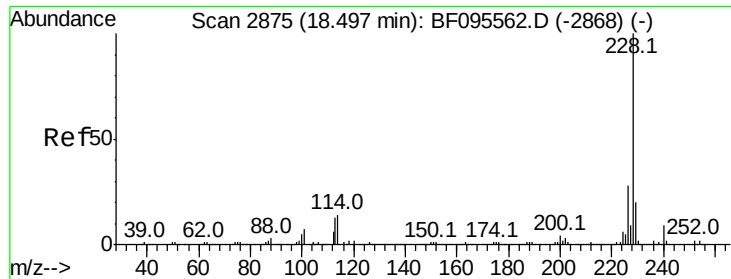
Delta R.T. -0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Tgt Ion:	244	Resp:	293849
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.0	10.3	15.5





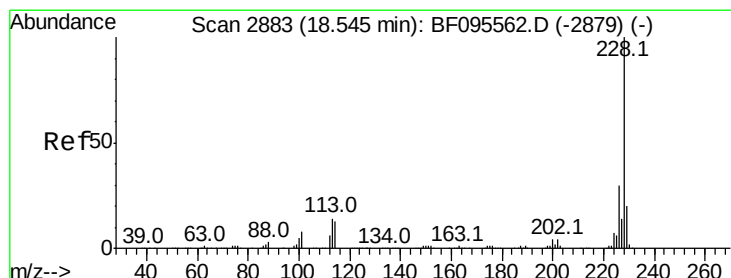
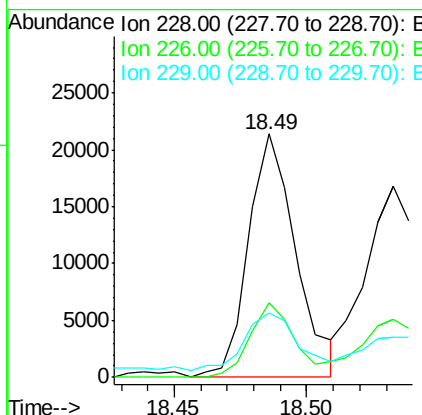
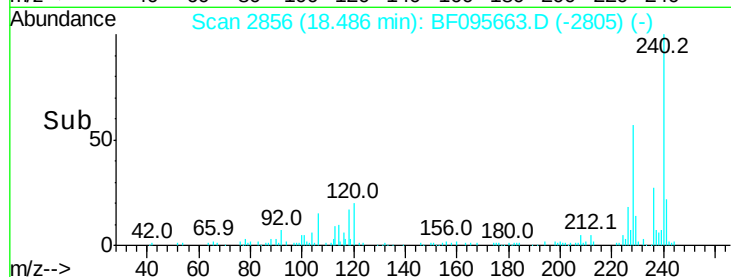
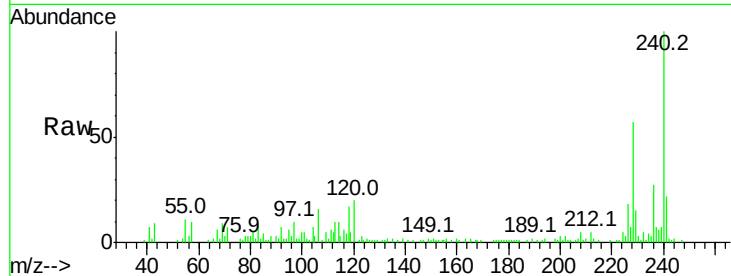
#80
Benzo(a)anthracene
Concen: 2.75 ng m
RT: 18.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	26.6	16.3	24.5

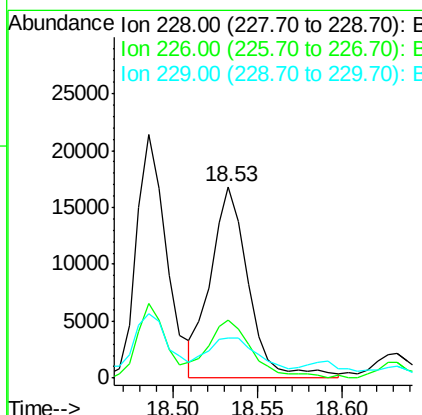
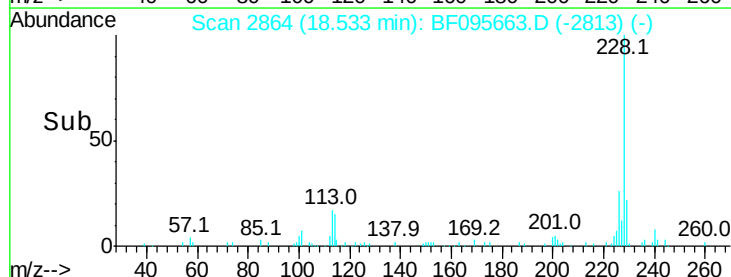
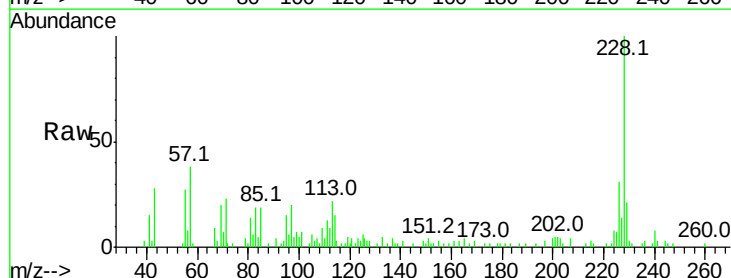
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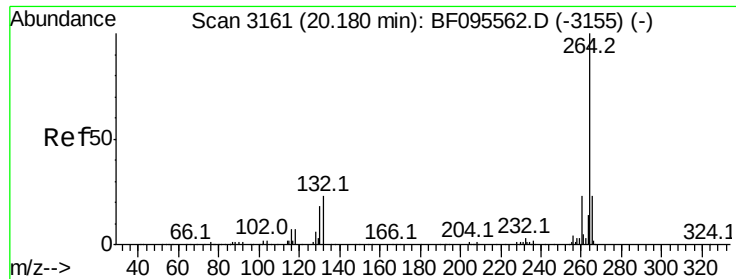
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#82
Chrysene
Concen: 2.83 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.2	15.8	23.6





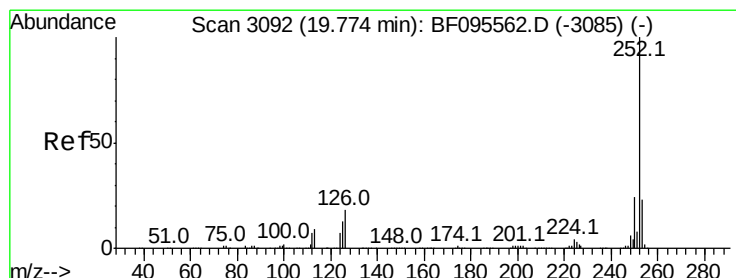
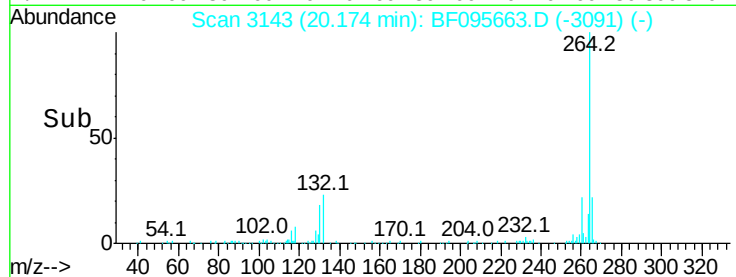
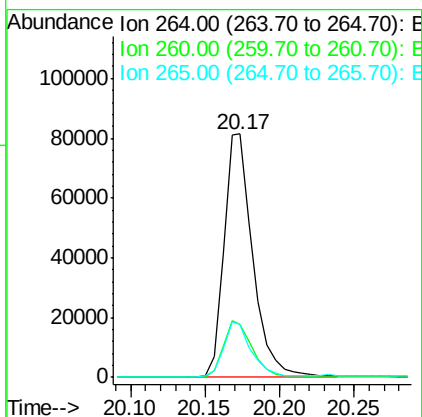
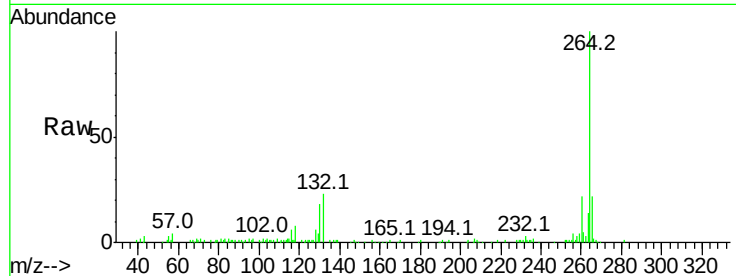
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Instrument :
BNA_F
ClientSampled :
E2-T6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	21.6	19.5	29.3	
265	21.7	17.2	25.8	

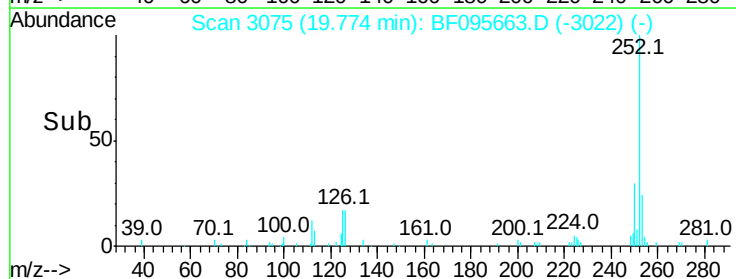
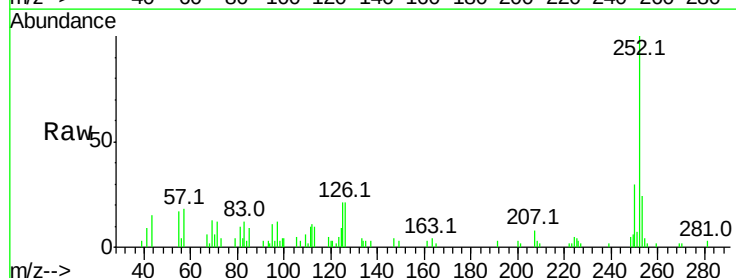
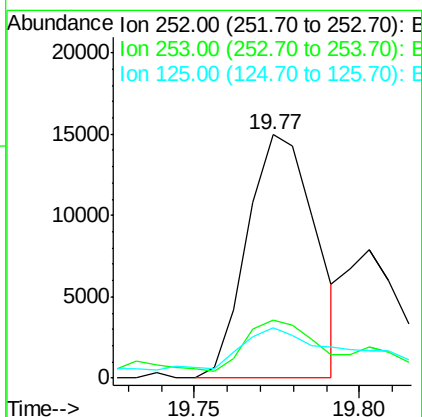
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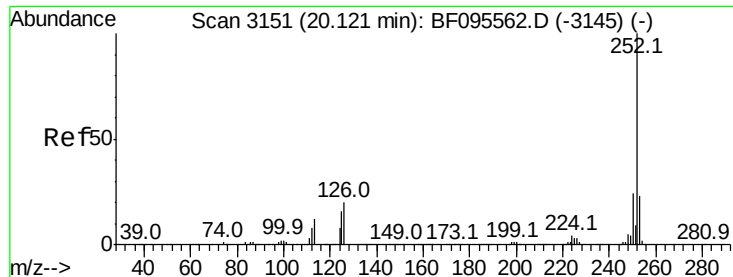
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#87
Benzo(b)fluoranthene
Concen: 3.12 ng m
RT: 19.77 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095663.D
Acq: 3 Jun 2017 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.7	18.1	27.1	
125	20.5	9.8	14.8	





#89

Benzo(a)pyrene

Concen: 2.66 ng

RT: 20.12 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095663.D

Acq: 3 Jun 2017 8:05

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	20.7	11.0	16.4

Manual Integrations
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6/6/2017 8:49:36 AM

