

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095204.D
 Acq On : 18 May 2017 1:29
 Operator : SJ/MA
 Sample : I3182-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-137-339-120

Manual Integrations
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Quant Time: May 18 07:01:44 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 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82296	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	324535	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	156940	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	208998	20.00	ng	0.00
75) Chrysene-d12	18.69	240	192262	20.00	ng	0.00
86) Perylene-d12	20.37	264	167649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	245615	49.76	ng	0.00
7) Phenol-d6	7.32	99	319782	53.99	ng	0.00
23) Nitrobenzene-d5	8.67	82	157590	30.62	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	50146	39.02	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	388366	35.62	ng	0.00
78) Terphenyl-d14	17.34	244	235545	26.98	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	62098	4.82	ng	99
70) Phenanthrene	15.06	178	55604	4.63	ng	97
74) Fluoranthene	16.81	202	101706	8.26	ng	98
77) Pyrene	17.11	202	85087	5.92	ng	95
80) Benzo(a)anthracene	18.68	228	41837	3.74	ng	96
82) Chrysene	18.72	228	42374	3.92	ng	96
87) Benzo(b)fluoranthene	19.97	252	48807m	4.71	ng	
88) Benzo(k)fluoranthene	19.99	252	23384m	2.34	ng	
89) Benzo(a)pyrene	20.31	252	37053	3.88	ng	# 89

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

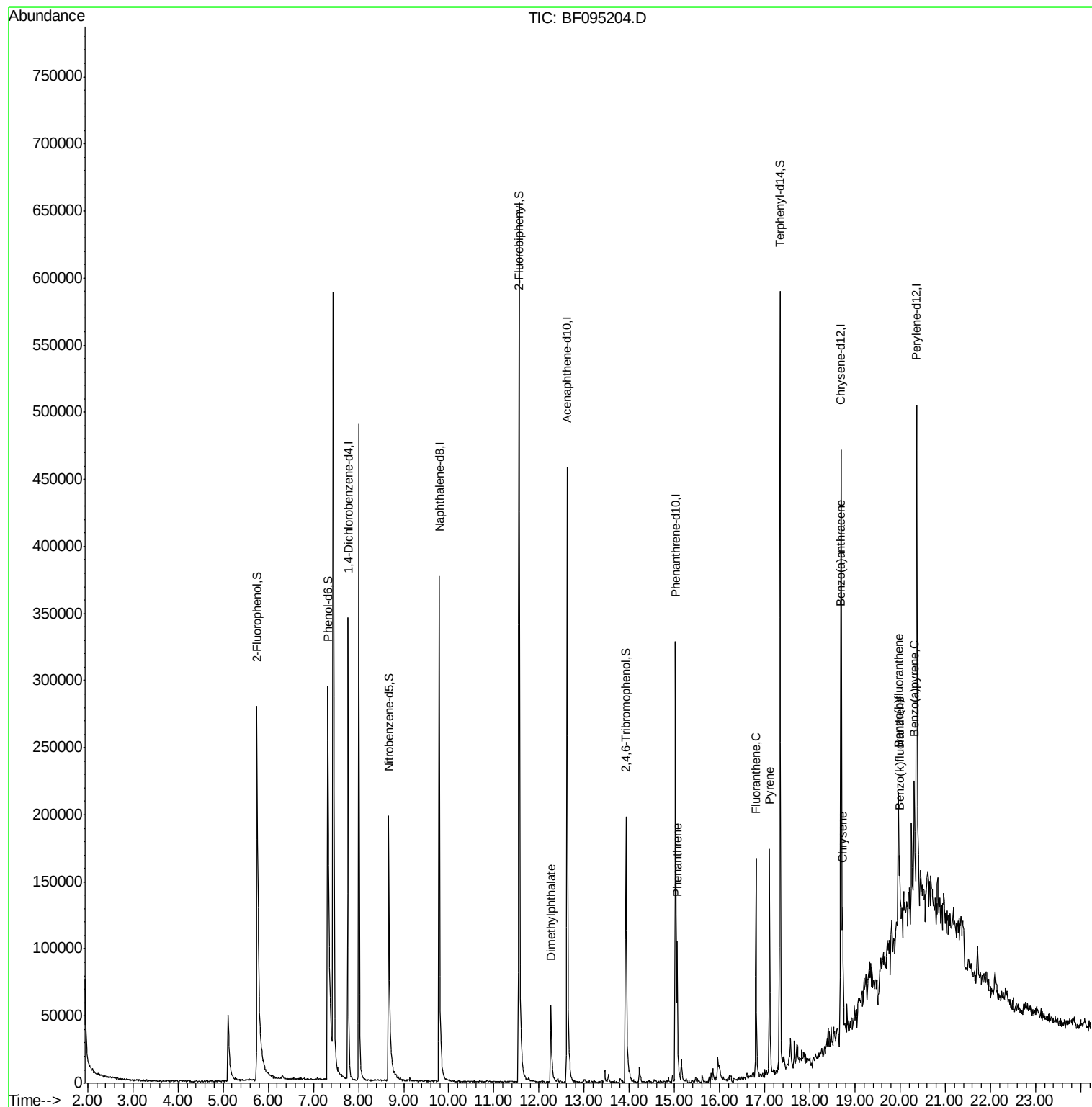
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095204.D
Acq On : 18 May 2017 1:29
Operator : SJ/MA
Sample : I3182-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

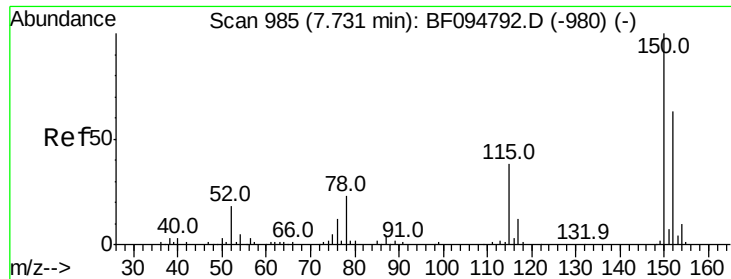
Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

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Quant Time: May 18 07:01:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

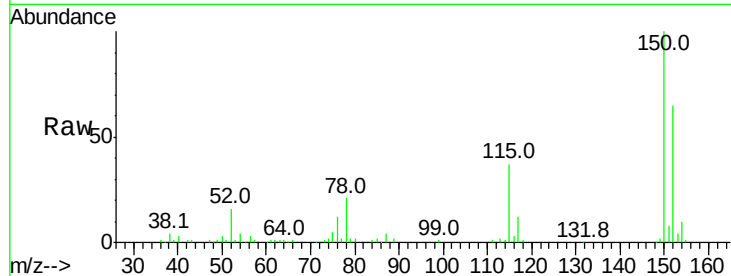
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	56.4	52.2	78.2

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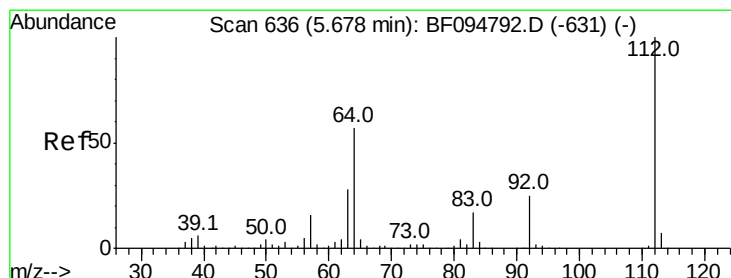
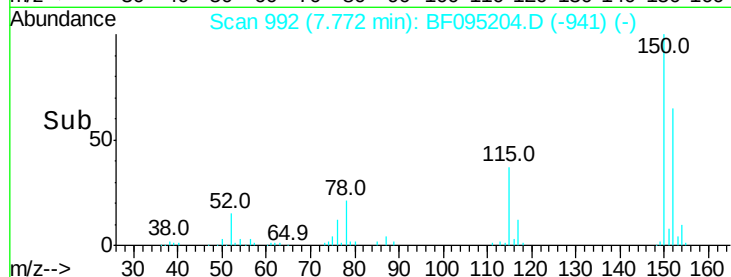
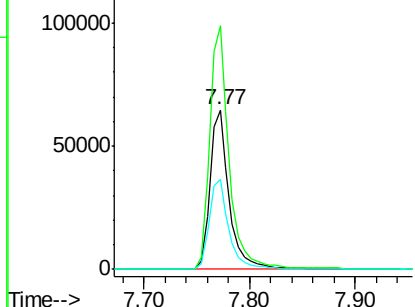


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

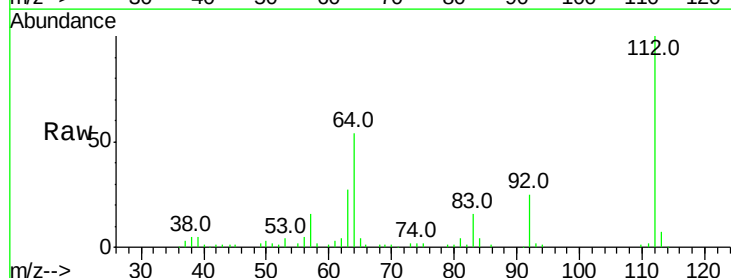
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.76 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	27.2	23.4	35.0

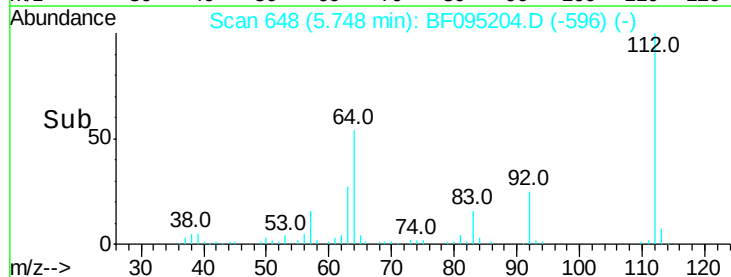
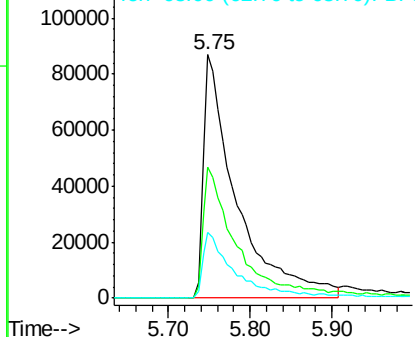


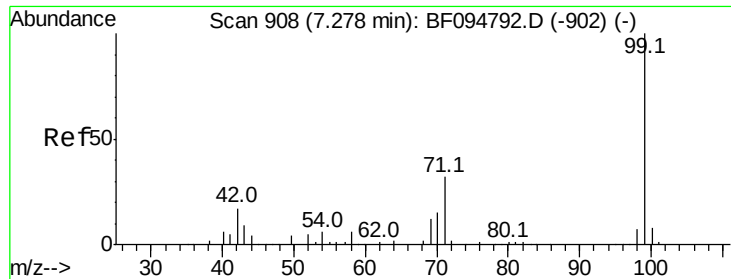
Abundance

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: 53.99 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095204.D

Acq: 18 May 2017 1:29

Instrument :

BNA_F

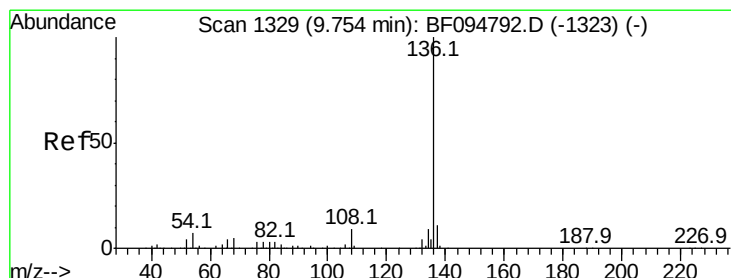
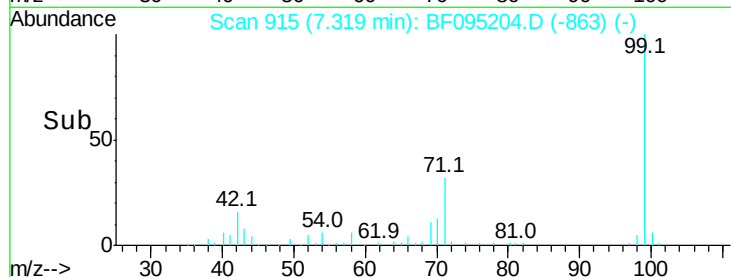
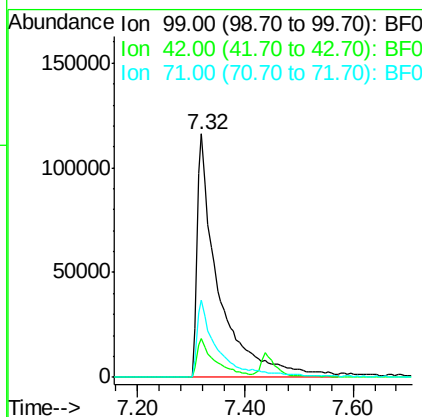
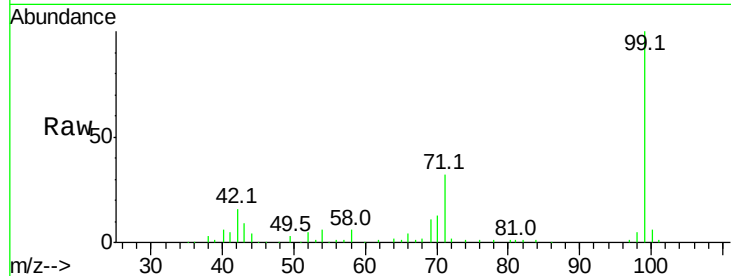
ClientSampleId :

ETGI-137-339-120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		319782		
42	15.9	13.5	20.3		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

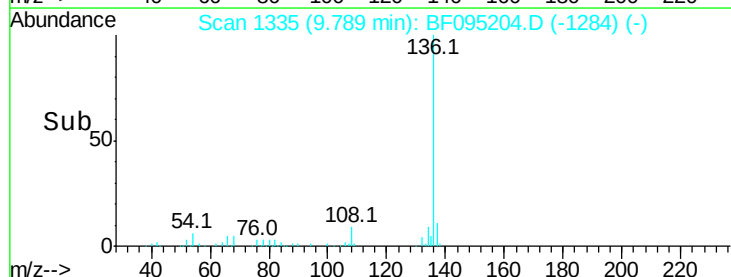
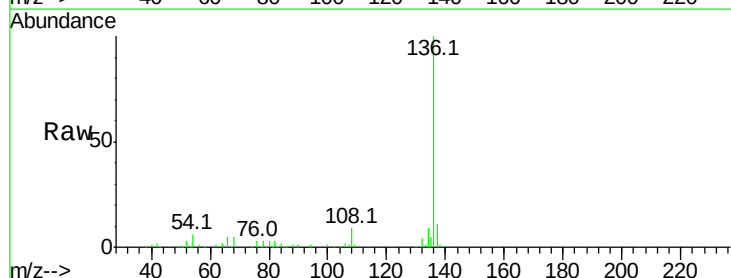
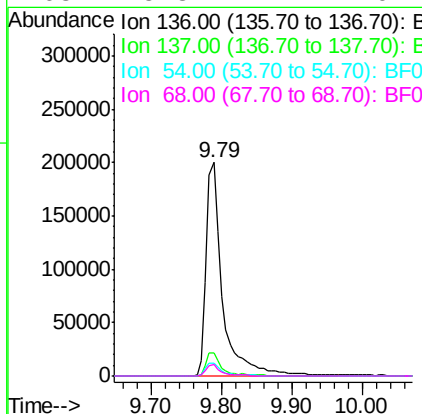
RT: 9.79 min Scan# 1335

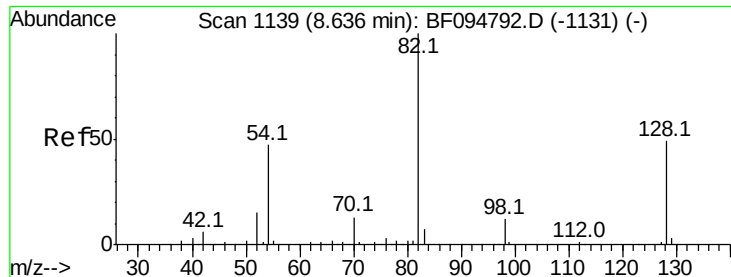
Delta R.T. -0.00 min

Lab File: BF095204.D

Acq: 18 May 2017 1:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		324535		
137	10.5	8.5	12.7		
54	6.2	4.9	7.3		
68	5.3	4.1	6.1		





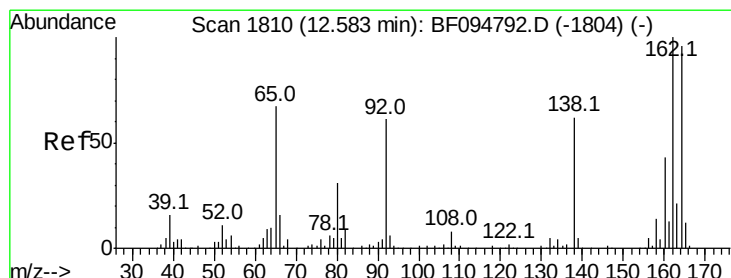
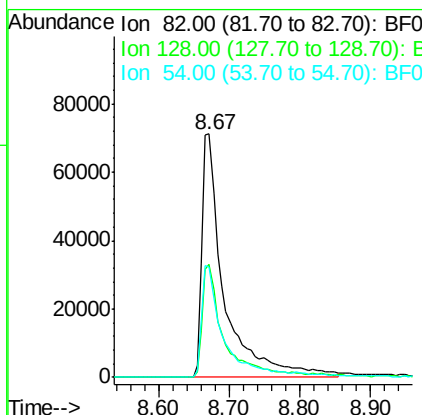
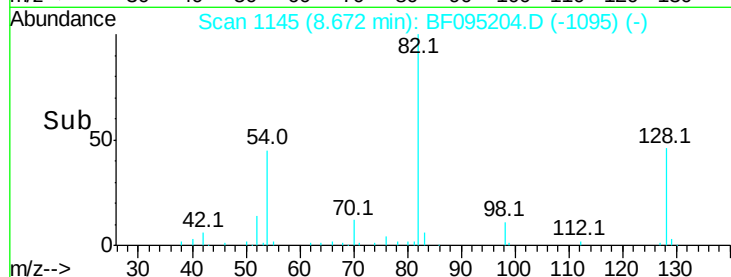
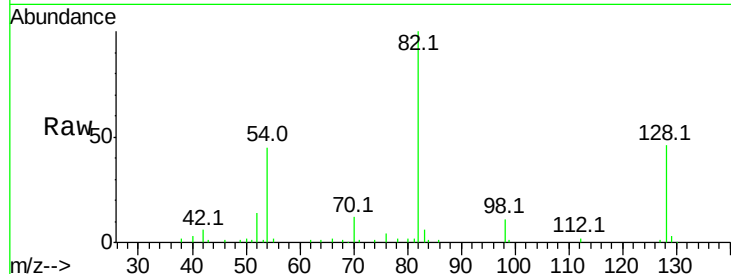
#23
Nitrobenzene-d5
Concen: 30.62 ng
RT: 8.67 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	45.3	42.2	63.2

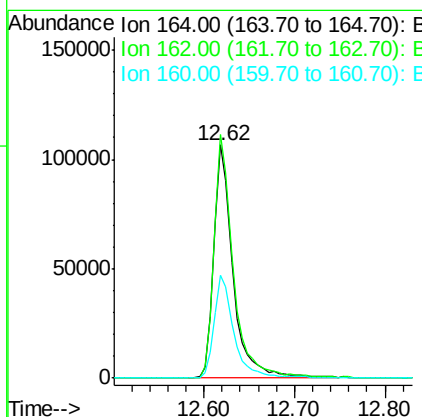
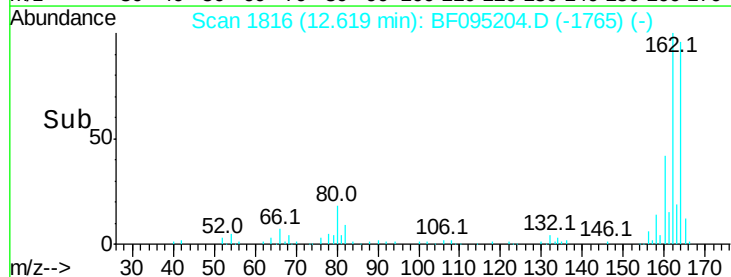
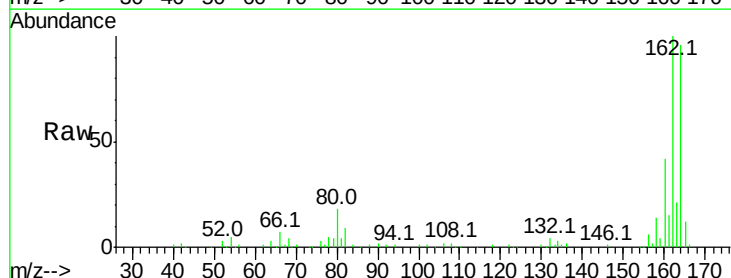
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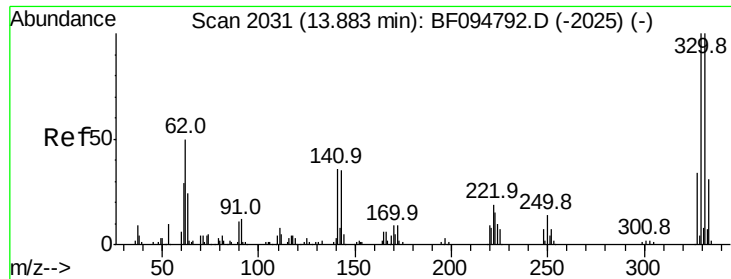
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	44.3	36.2	54.2





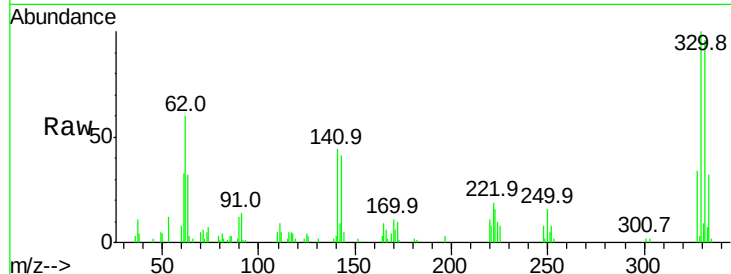
#41
 2,4,6-Tribromophenol
 Concen: 39.02 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF095204.D
 Acq: 18 May 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-137-339-120

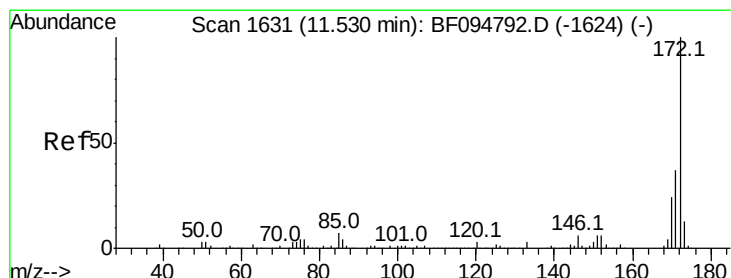
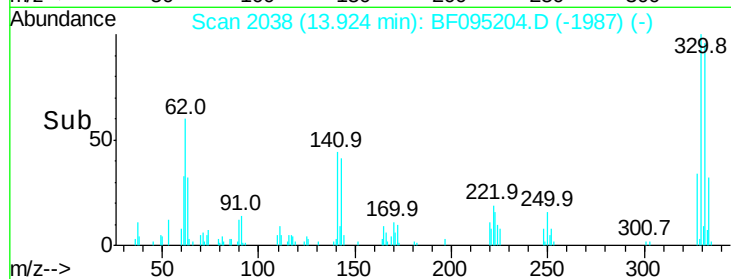
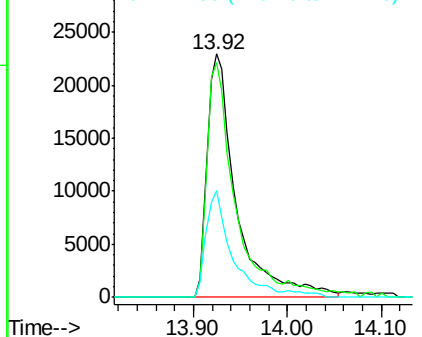
Tot Ion	Ratio	Lower	Upper
330	100		
332	87.8	76.6	115.0
141	38.4	31.4	47.2

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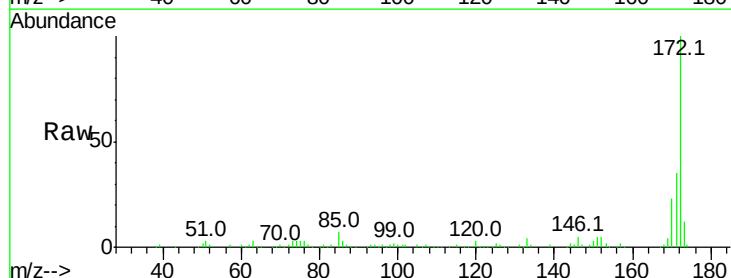


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

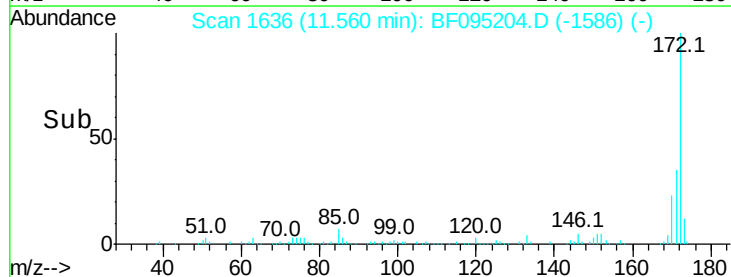
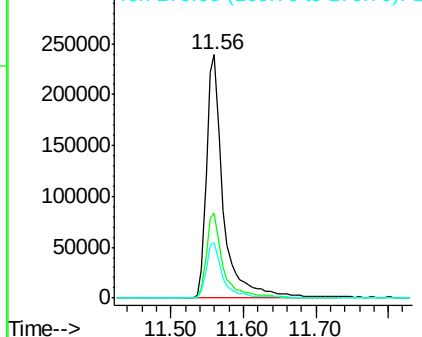


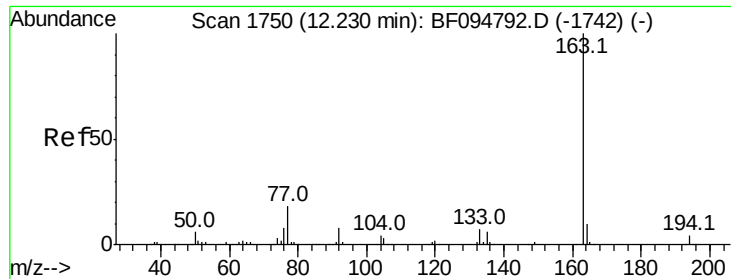
#44
 2-Fluorobiphenyl
 Concen: 35.62 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095204.D
 Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.9	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





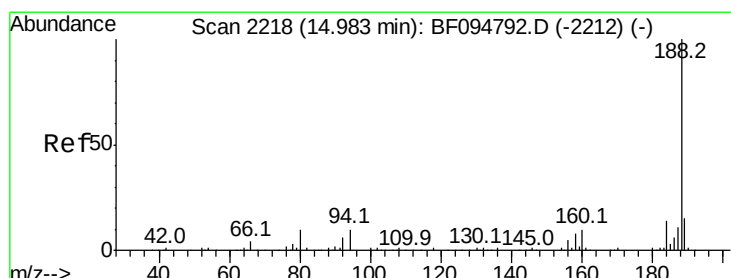
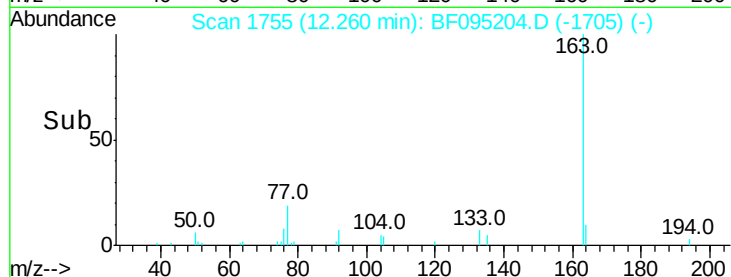
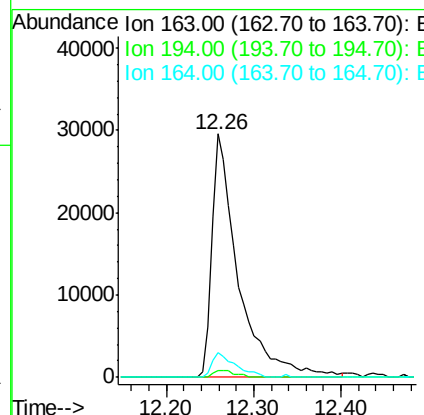
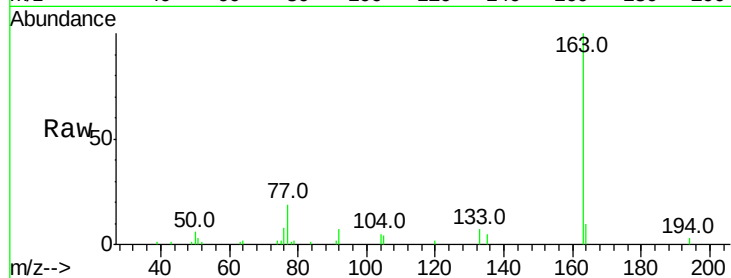
#49
Dimethylphthalate
Concen: 4.82 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion	Ratio	Resp	Lower	Upper
163	100	62098		
194	3.0		2.6	4.0
164	10.0		8.4	12.6

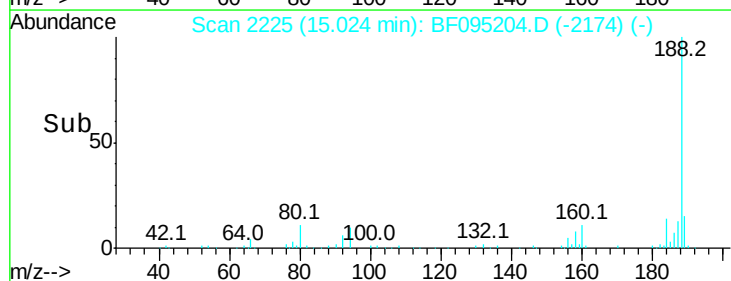
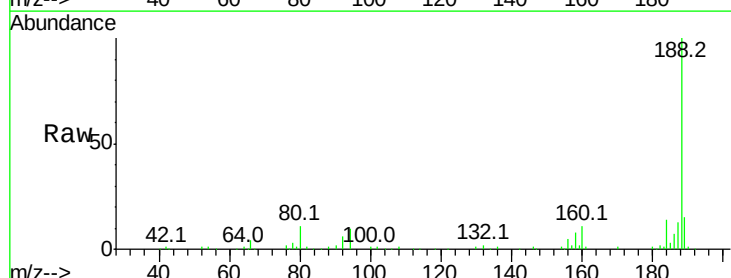
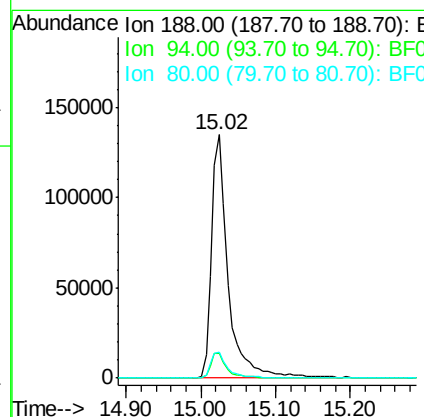
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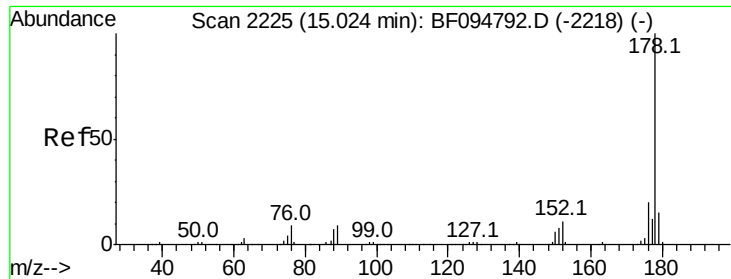
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	208998		
94	10.0		9.4	14.2
80	10.7		10.2	15.2





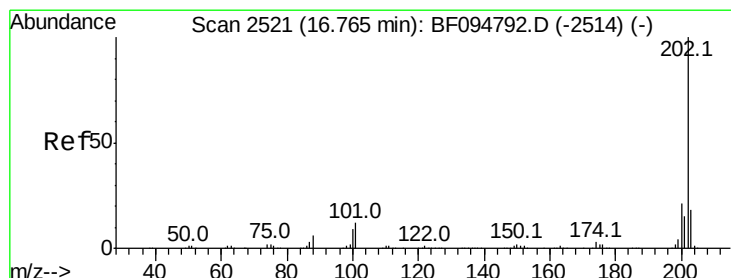
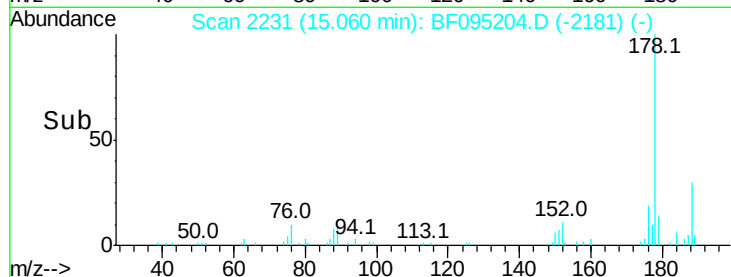
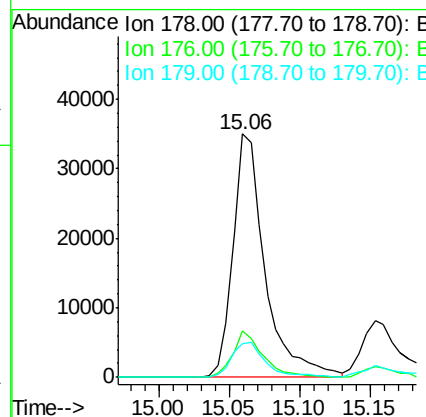
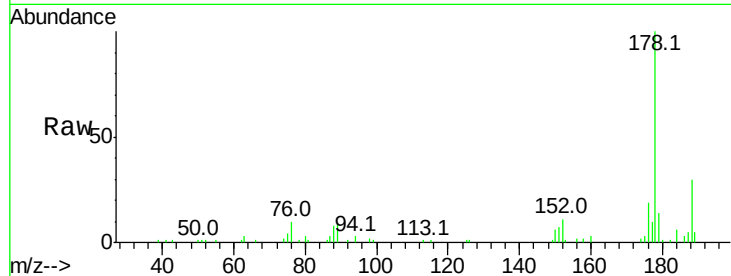
#70
Phenanthrene
Concen: 4.63 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	13.8	12.6	19.0

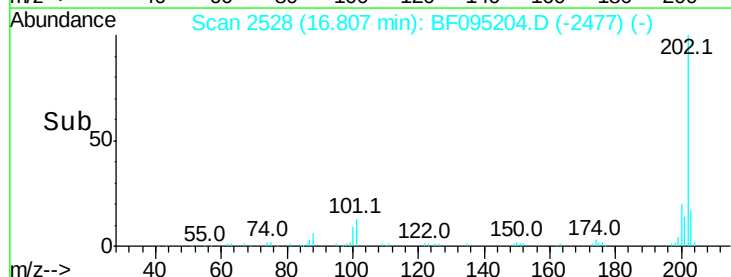
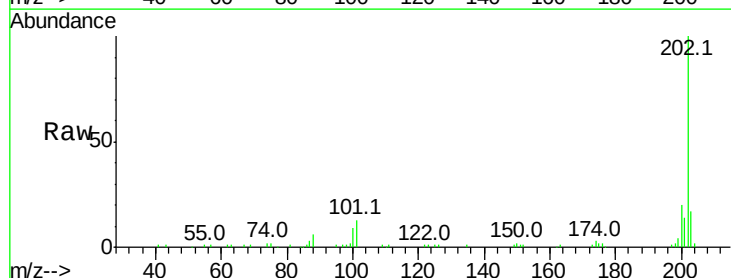
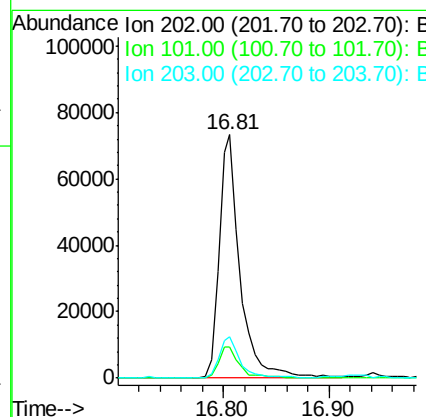
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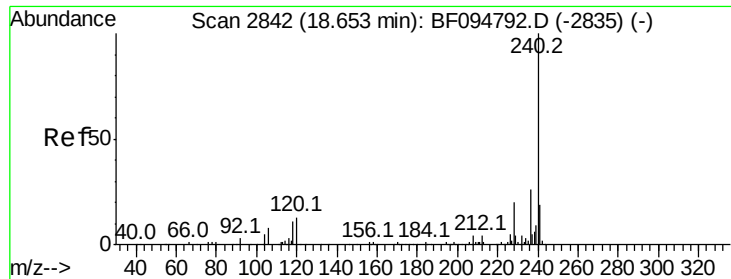
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#74
Fluoranthene
Concen: 8.26 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BF095204.D

Acq: 18 May 2017 1:29

Instrument :

BNA_F

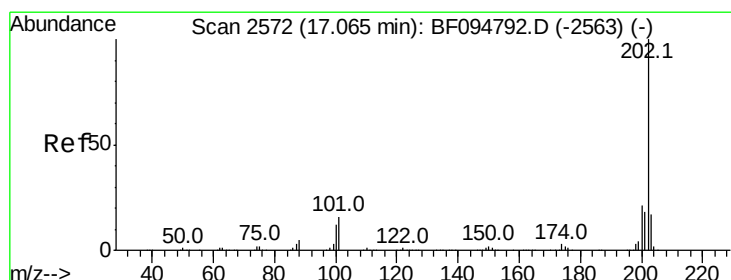
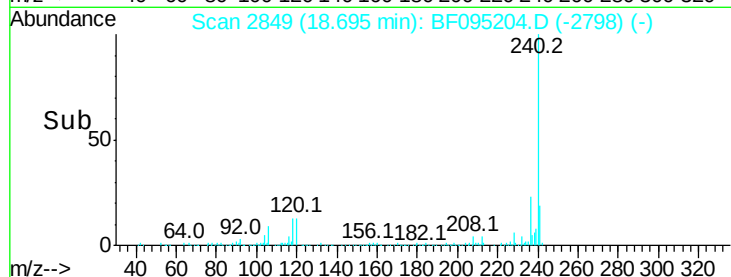
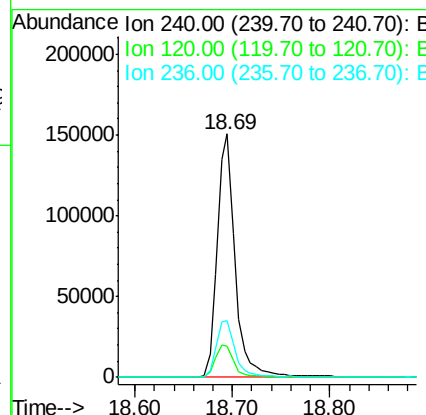
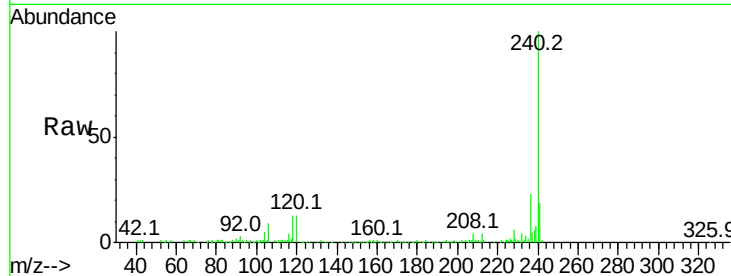
ClientSampleId :

ETGI-137-339-120

Tot Ion:	240	Resp:	192262
Ion Ratio	Lower	Upper	
240	100		
120	12.7	5.8	8.8#
236	23.4	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 5.92 ng

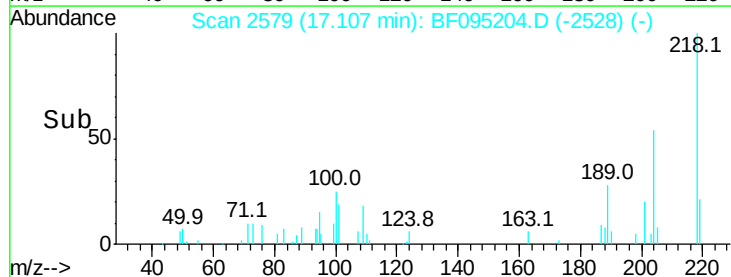
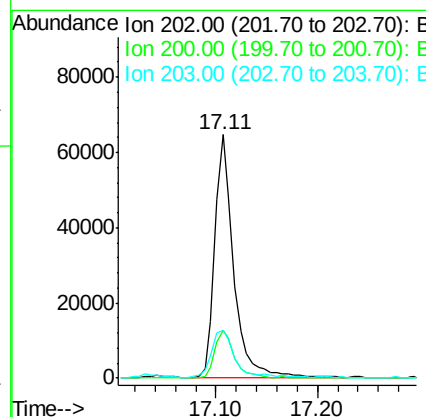
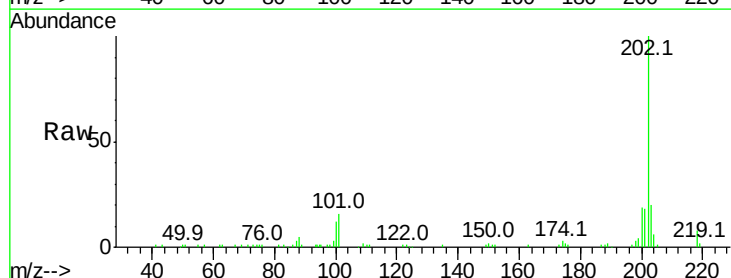
RT: 17.11 min Scan# 2579

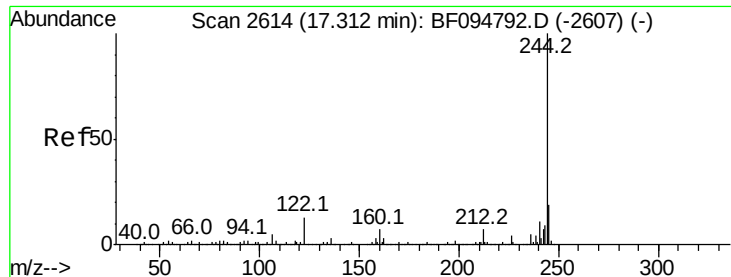
Delta R.T. -0.00 min

Lab File: BF095204.D

Acq: 18 May 2017 1:29

Tgt Ion:	202	Resp:	85087
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.6	26.4
203	19.7	14.4	21.6





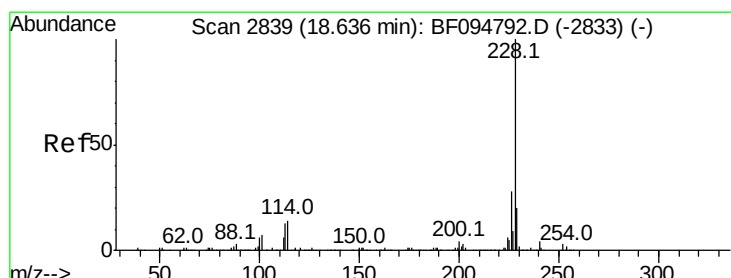
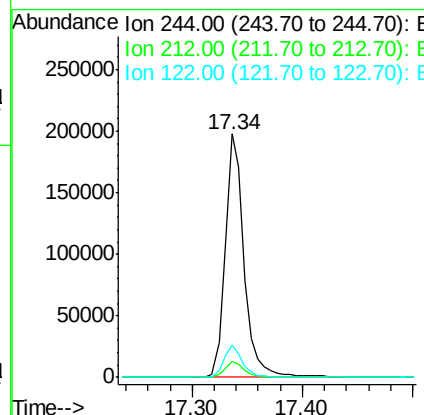
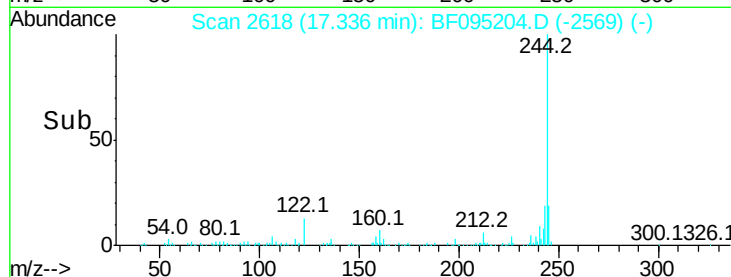
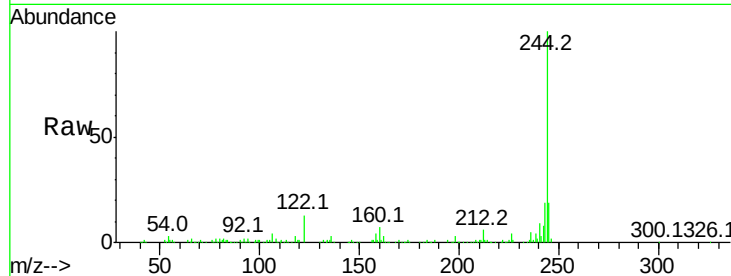
#78
 Terphenyl-d14
 Concen: 26.98 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095204.D
 Acq: 18 May 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-137-339-120

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	6.0	9.0
122	13.4	10.3	15.5

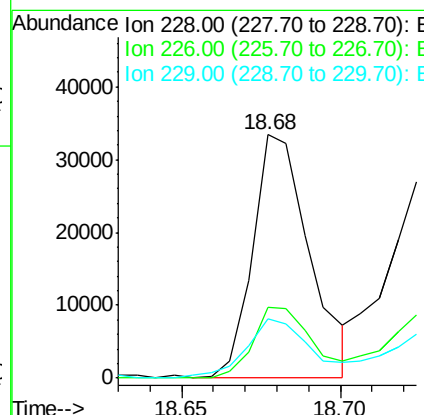
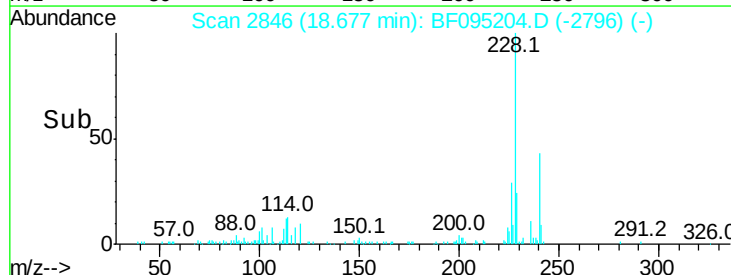
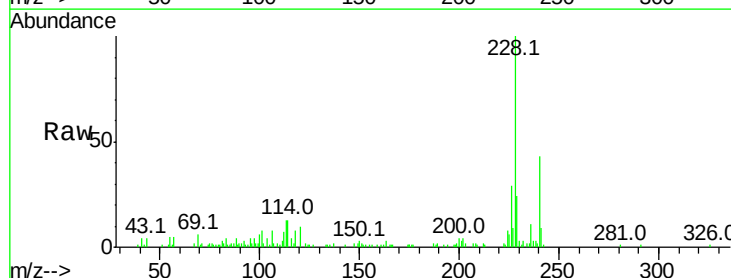
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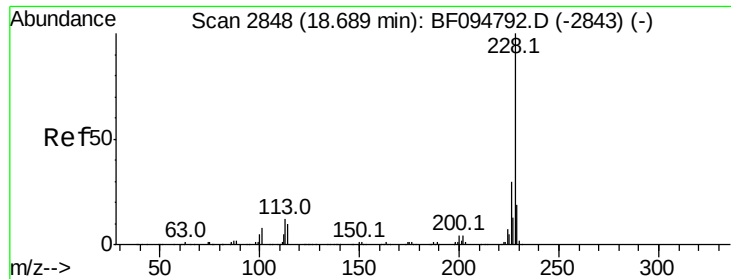
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.74 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095204.D
 Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	22.6	33.8
229	24.1	16.3	24.5





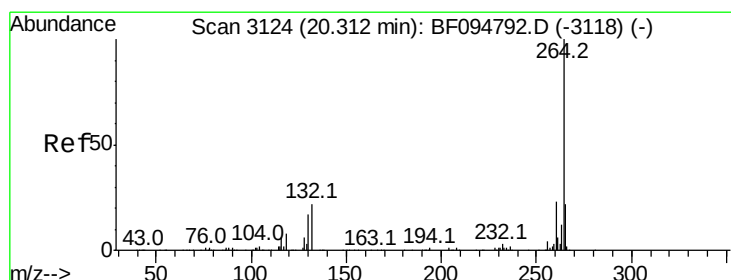
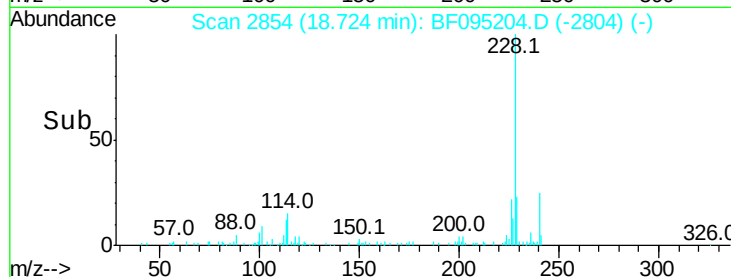
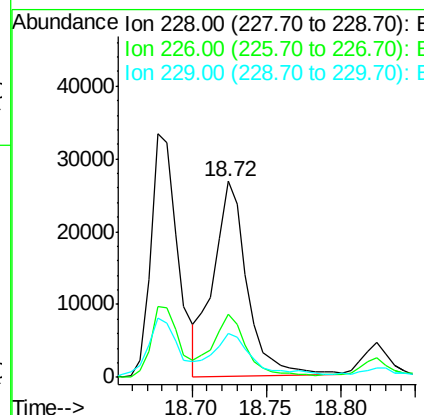
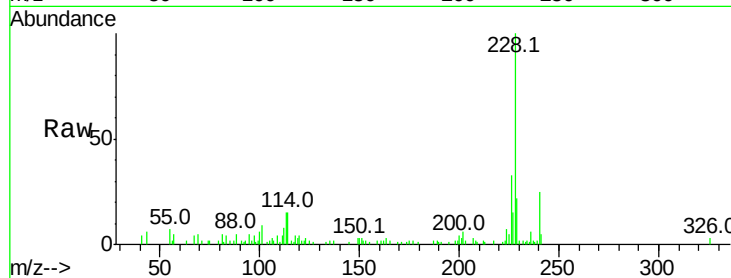
#82
Chrysene
Concen: 3.92 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion:228	Resp:	42374
Ion Ratio	Lower	Upper
228 100		
226 32.5	24.9	37.3
229 22.5	15.8	23.6

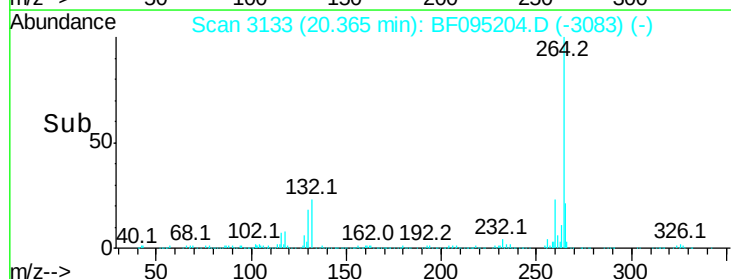
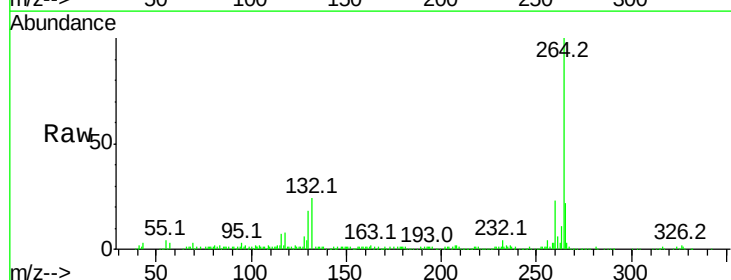
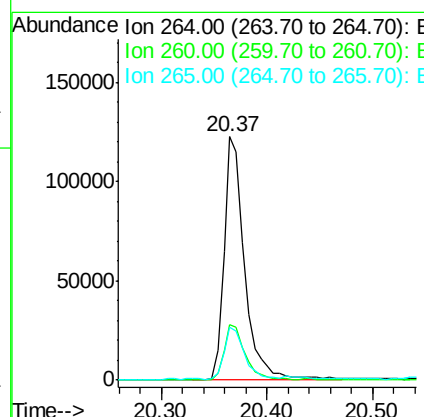
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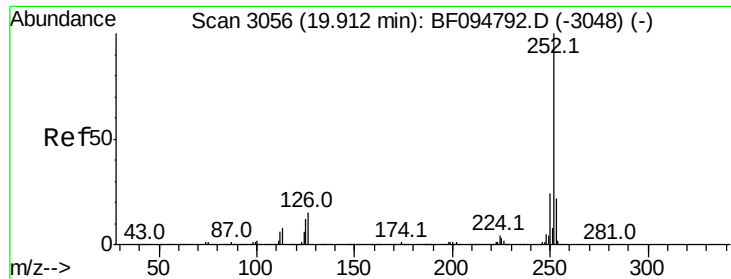
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion:264	Resp:	167649
Ion Ratio	Lower	Upper
264 100		
260 22.7	19.5	29.3
265 21.6	17.2	25.8





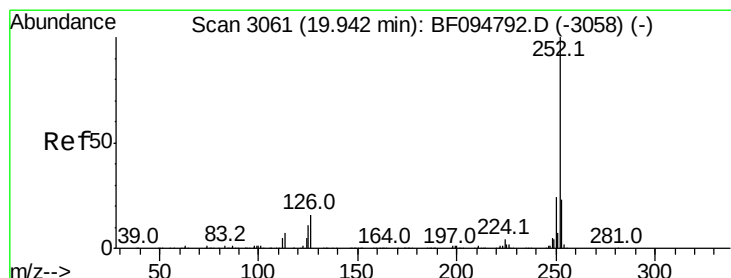
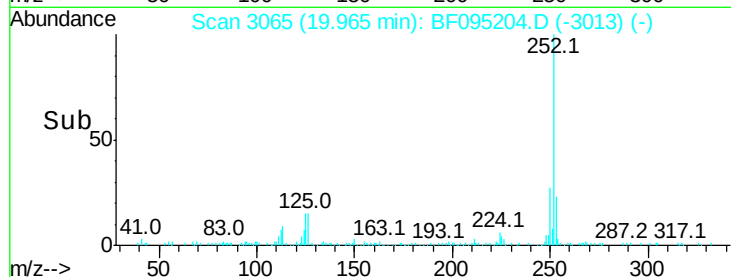
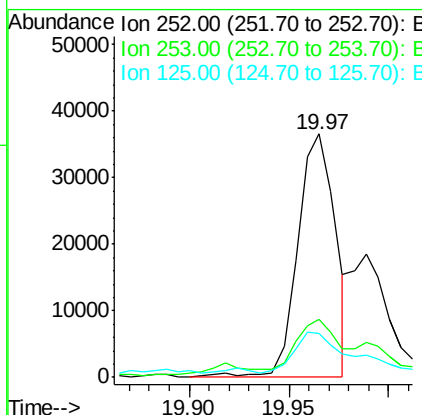
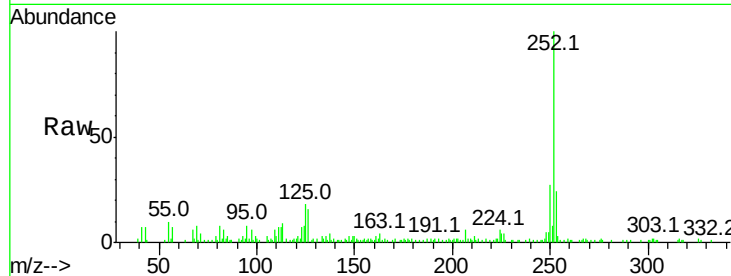
#87
Benzo(b)fluoranthene
Concen: 4.71 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Instrument :
BNA_F
ClientSampleId :
ETGI-137-339-120

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	17.9	9.8	14.8

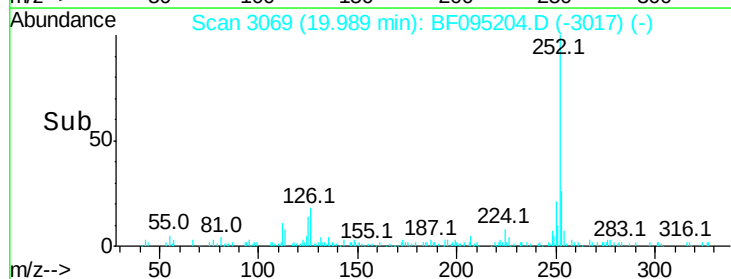
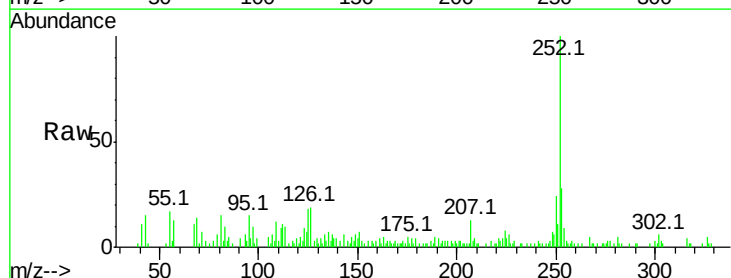
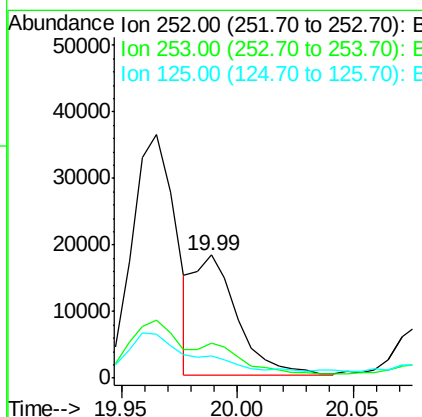
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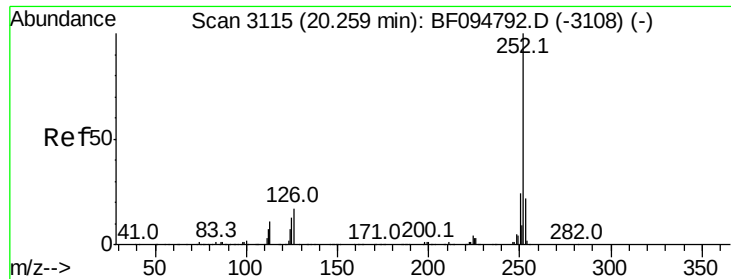
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.34 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.01 min
Lab File: BF095204.D
Acq: 18 May 2017 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.4	27.6
125	18.0	13.1	19.7





#89
 Benzo(a)pyrene
 Concen: 3.88 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF095204.D
 Acq: 18 May 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-137-339-120

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	19.5	11.0	16.4

Manual Integrations
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