

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095205.D
 Acq On : 18 May 2017 2:01
 Operator : SJ/MA
 Sample : I3182-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11932-72-11930-ETGI-338

Manual Integrations
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Quant Time: May 18 07:06:57 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	91242	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	365768	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	151892	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	228330	20.00	ng	0.00
75) Chrysene-d12	18.69	240	213092	20.00	ng	0.00
86) Perylene-d12	20.37	264	165111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	295376	53.97	ng	0.00
7) Phenol-d6	7.31	99	372025	56.66	ng	0.00
23) Nitrobenzene-d5	8.67	82	205689	35.46	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	61552	49.48	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	449581	42.60	ng	0.00
78) Terphenyl-d14	17.34	244	310398	32.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	72201	5.79	ng	99
70) Phenanthrene	15.06	178	84321	6.43	ng	97
71) Anthracene	15.15	178	50930	3.80	ng	97
74) Fluoranthene	16.80	202	320011	23.78	ng	100
77) Pyrene	17.11	202	301633	18.93	ng	97
80) Benzo(a)anthracene	18.68	228	170182	13.72	ng	96
82) Chrysene	18.72	228	159768	13.32	ng	98
85) Indeno(1,2,3-cd)pyrene	21.71	276	46888	4.81	ng	94
87) Benzo(b)fluoranthene	19.96	252	141803m	13.90	ng	
88) Benzo(k)fluoranthene	19.99	252	59305m	6.03	ng	
89) Benzo(a)pyrene	20.31	252	110603	11.75	ng	95
91) Benzo(a,h,i)perylene	22.10	276	39557	5.18	ng	# 91

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

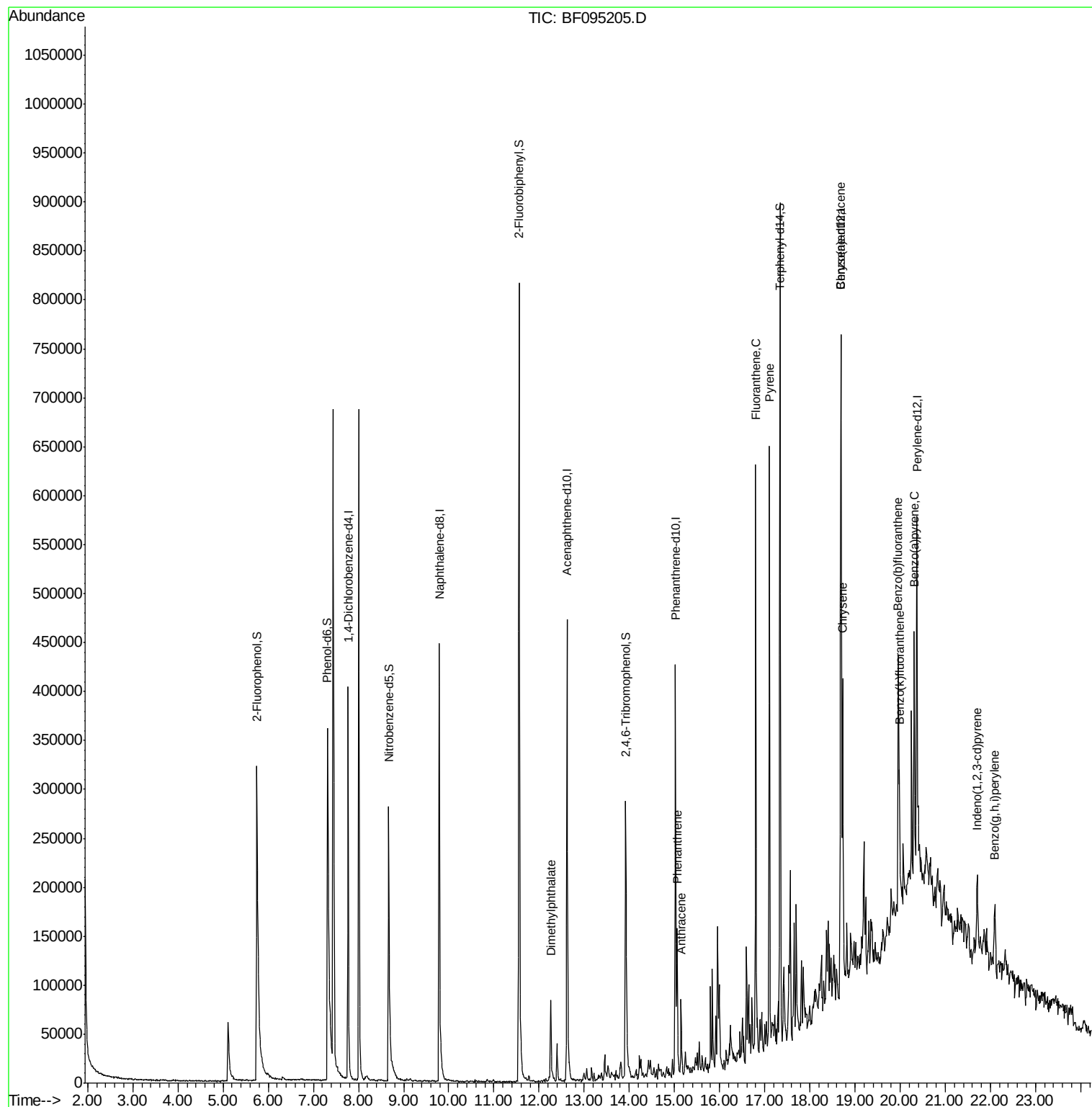
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095205.D
Acq On : 18 May 2017 2:01
Operator : SJ/MA
Sample : I3182-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

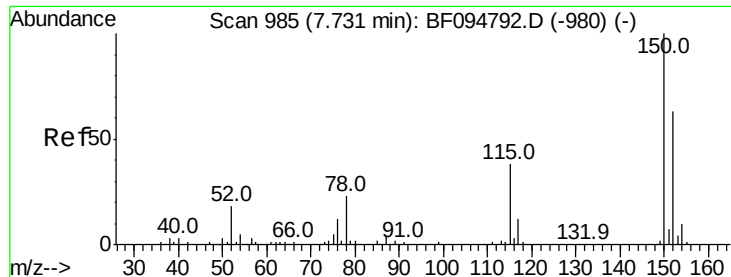
Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

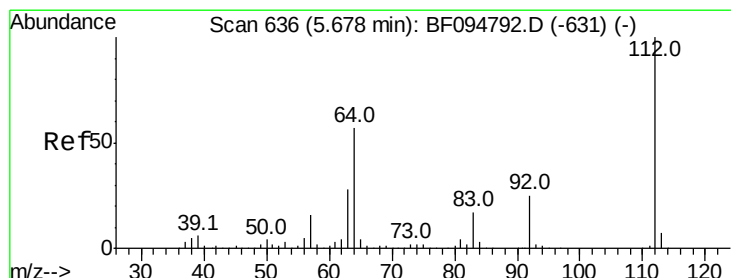
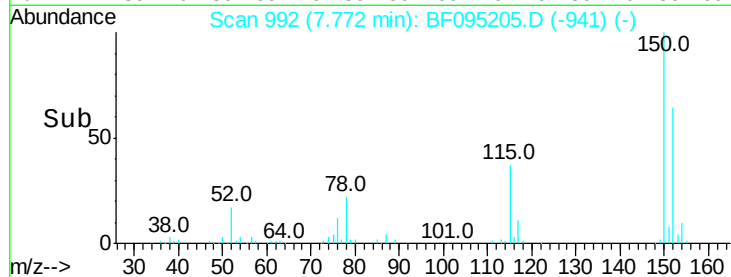
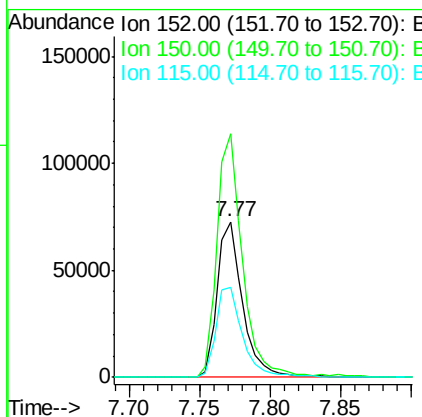
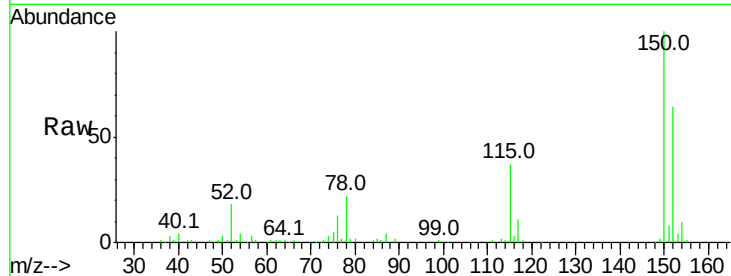
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	58.1	52.2	78.2

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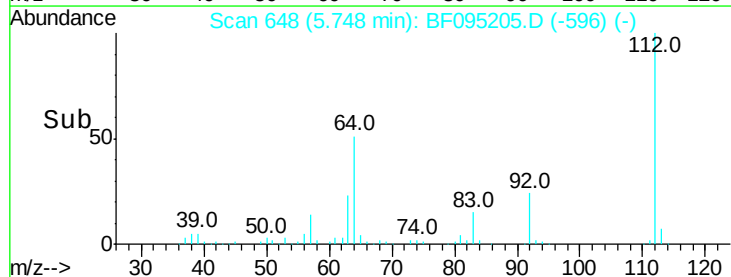
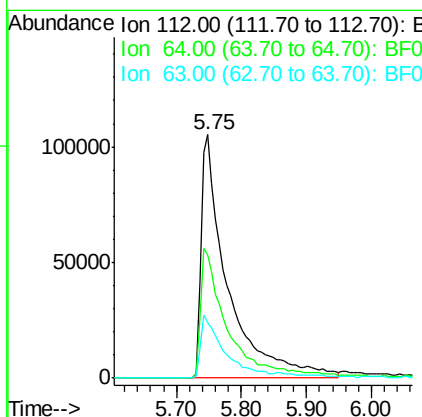
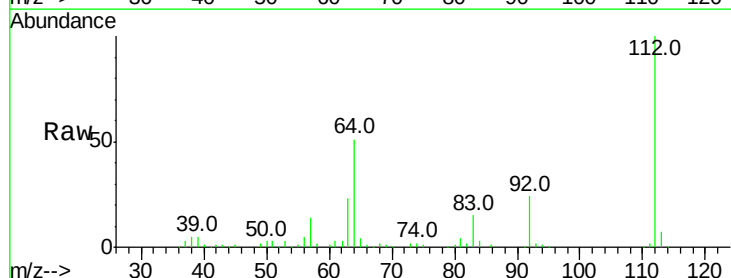
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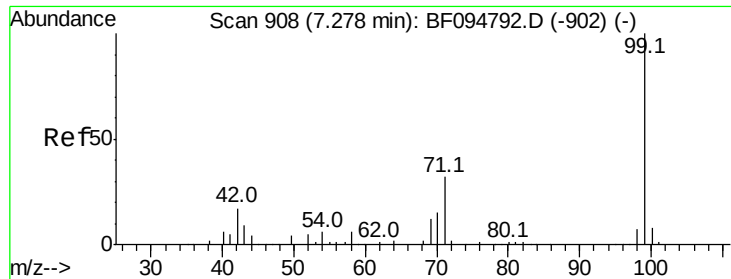


#5

2-Fluorophenol
Concen: 53.97 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	46.0	69.0
63	22.9	23.4	35.0#





#7

Phenol-d6

Concen: 56.66 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095205.D

Acq: 18 May 2017 2:01

Instrument :

BNA_F

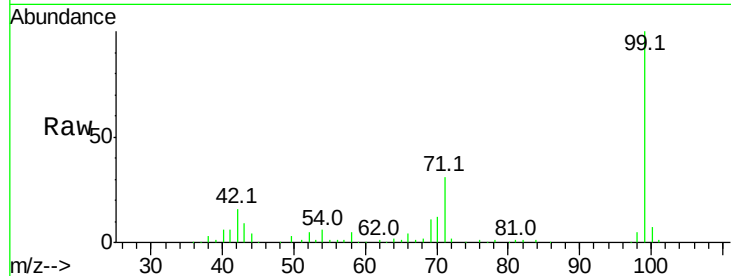
ClientSampleId :

72-11932-72-11930-ETGI-338

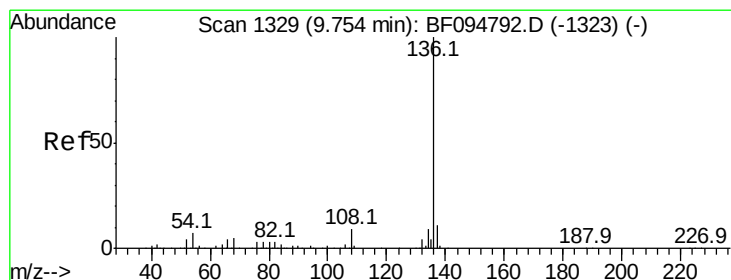
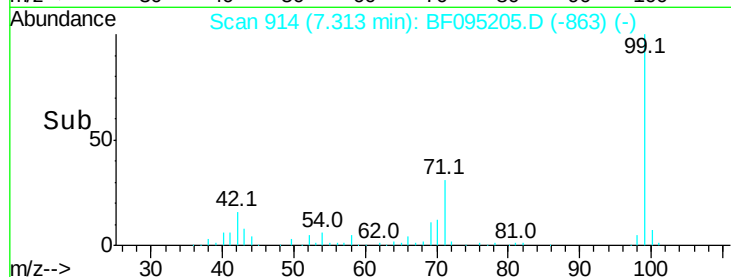
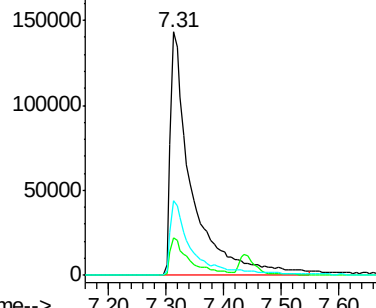
Tot Ion:	99	Resp:	372025
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	30.6	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

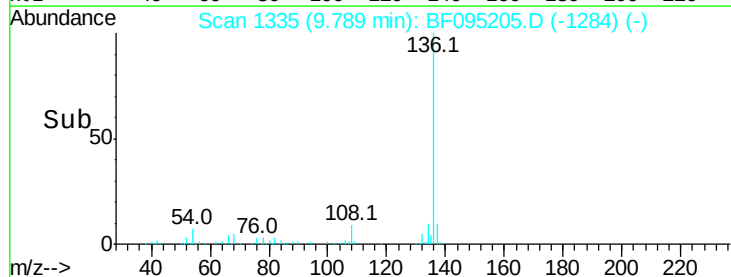
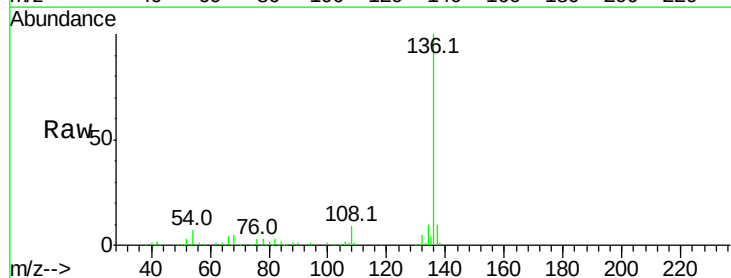
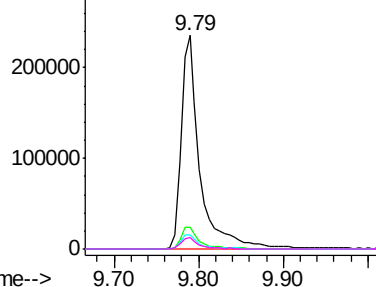
Delta R.T. -0.00 min

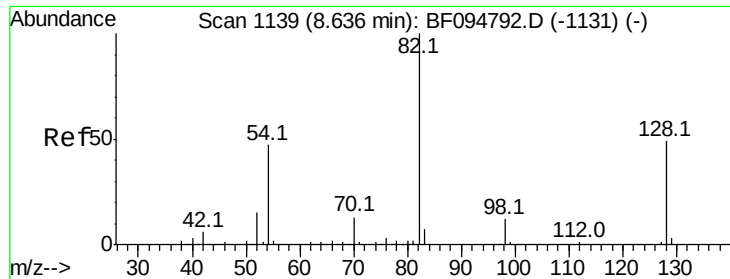
Lab File: BF095205.D

Acq: 18 May 2017 2:01

Tgt Ion:	136	Resp:	365768
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





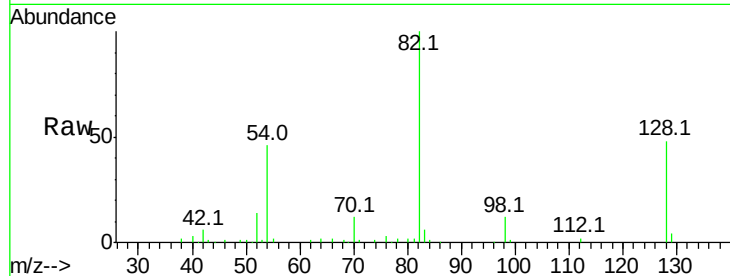
#23
 Nitrobenzene-d5
 Concen: 35.46 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095205.D
 Acq: 18 May 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 72-11932-72-11930-ETGI-338

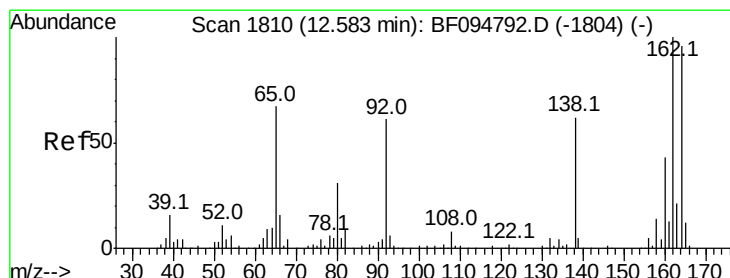
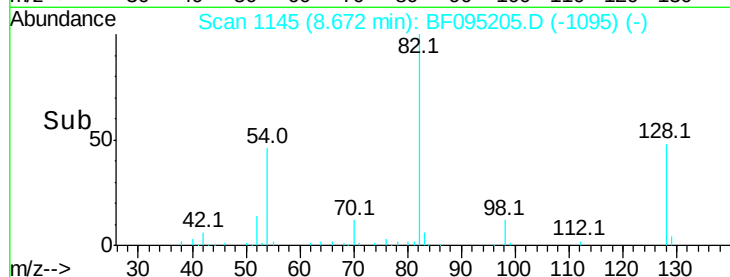
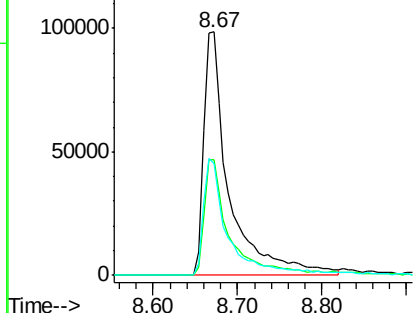
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	34.0	51.0	
54	45.7	42.2	63.2	

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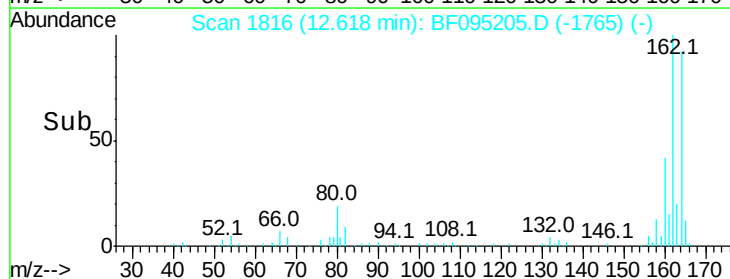
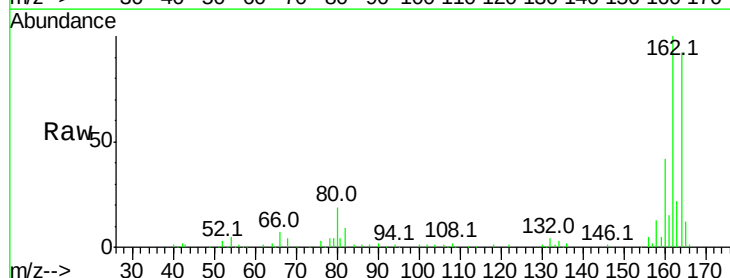
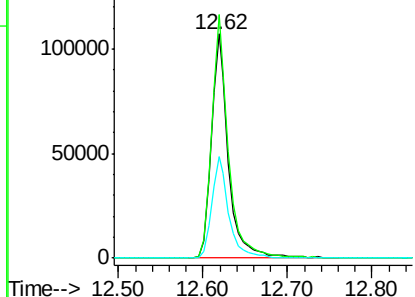
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

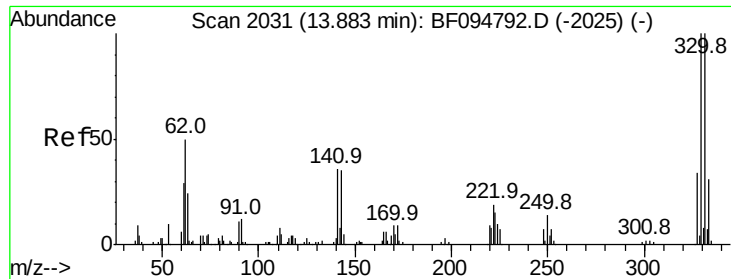


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF095205.D
 Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	108.5	82.6	123.8	
160	45.3	36.2	54.2	

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





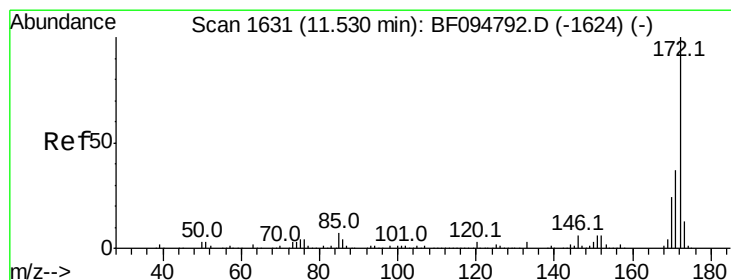
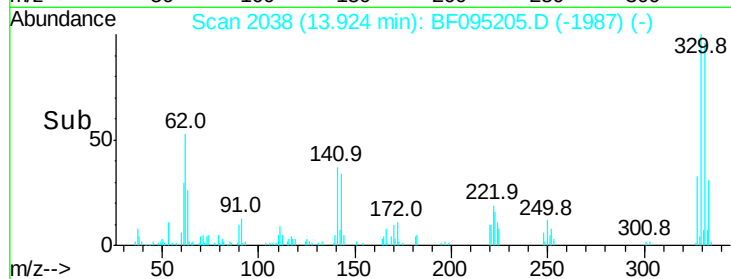
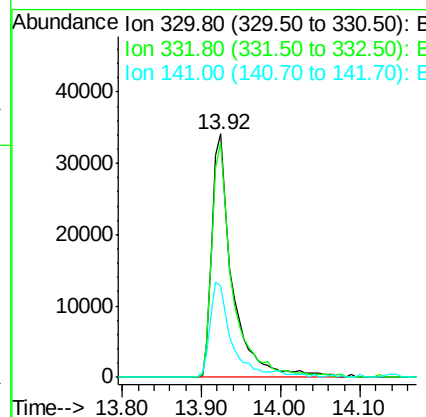
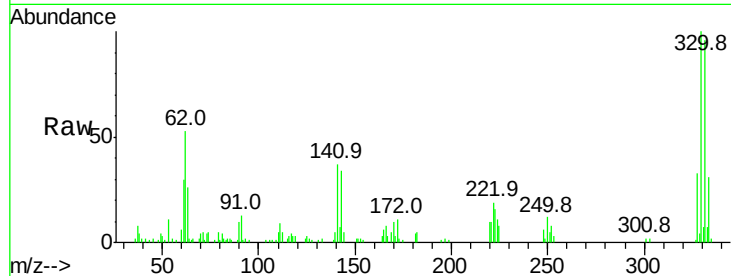
#41
 2,4,6-Tribromophenol
 Concen: 49.48 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF095205.D
 Acq: 18 May 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61552		
332	96.7	76.6	115.0	
141	41.7	31.4	47.2	

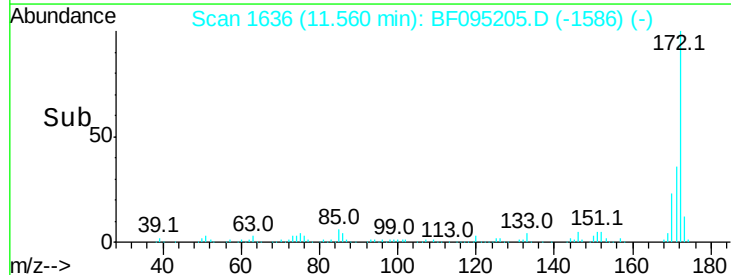
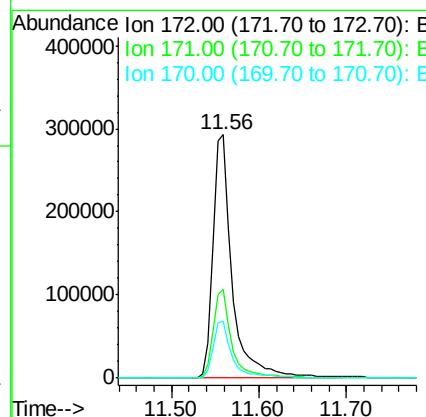
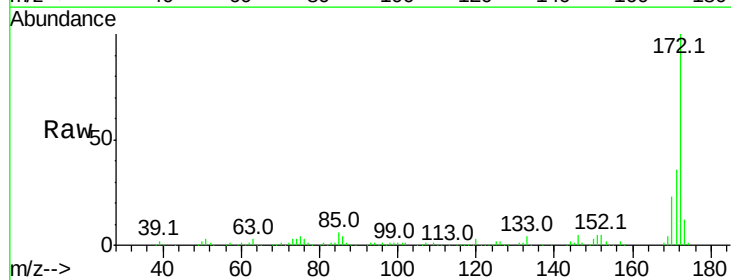
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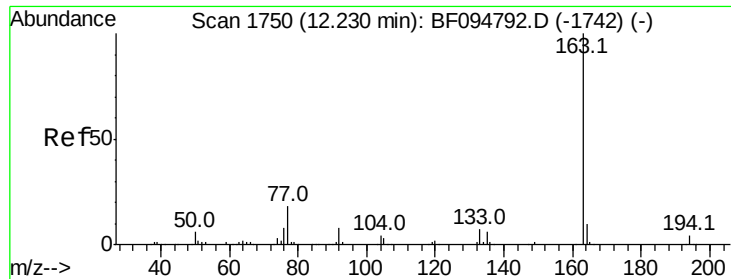
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#44
 2-Fluorobiphenyl
 Concen: 42.60 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095205.D
 Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	449581		
171	36.4	29.6	44.4	
170	23.3	19.8	29.8	





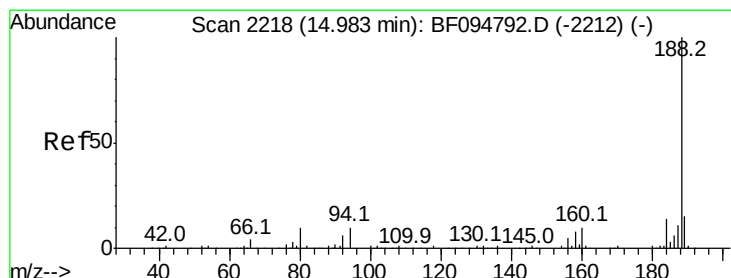
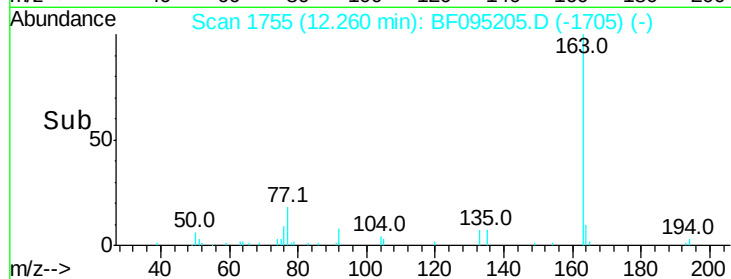
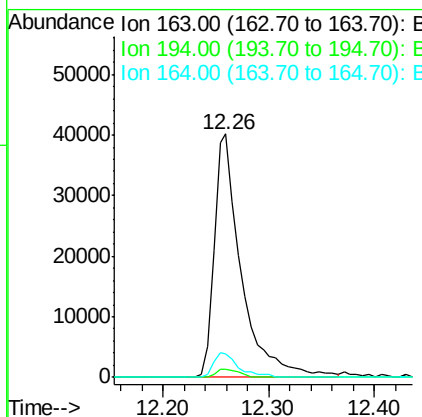
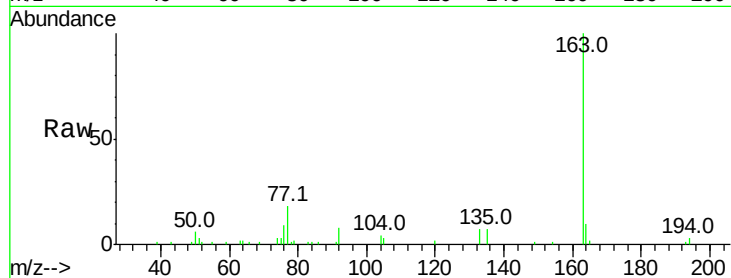
#49
Dimethylphthalate
Concen: 5.79 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Resp	Lower	Upper
163	100	72201		
194	3.1		2.6	4.0
164	9.9		8.4	12.6

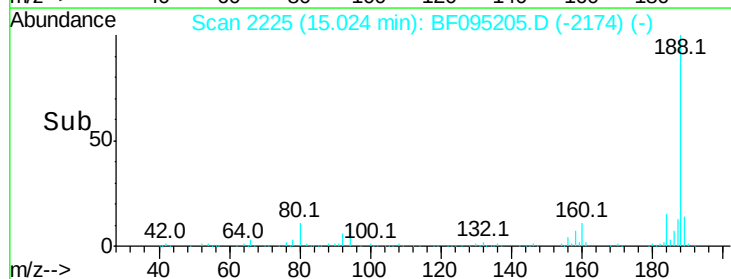
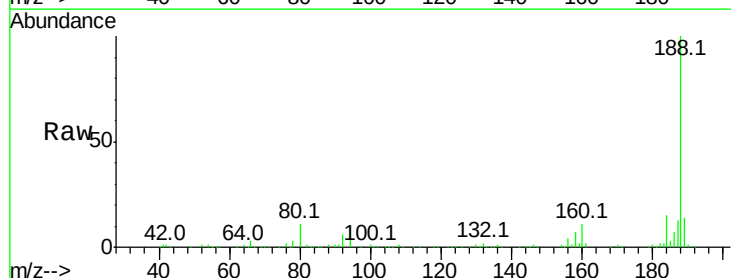
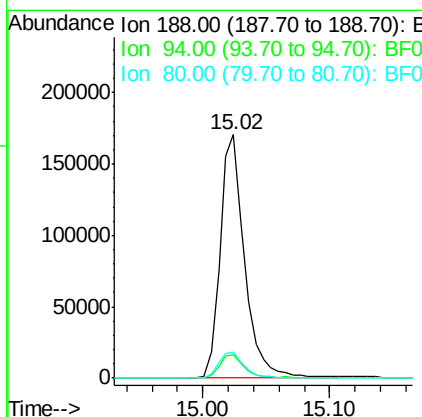
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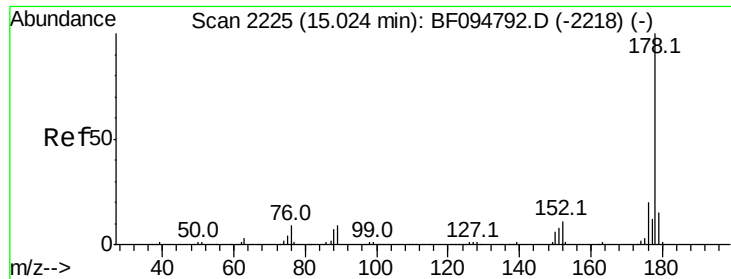
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	228330		
94	9.7		9.4	14.2
80	10.8		10.2	15.2





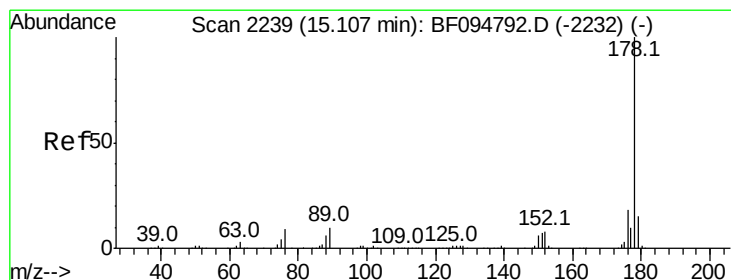
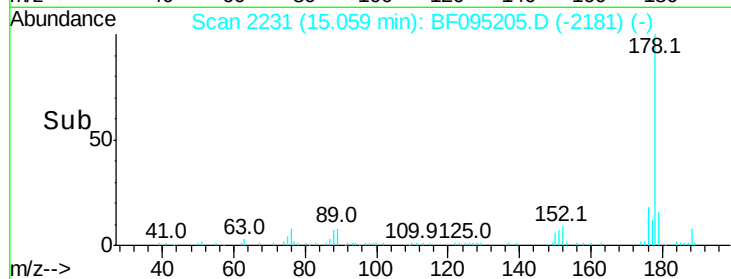
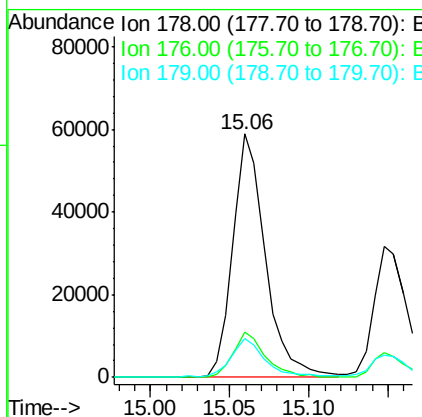
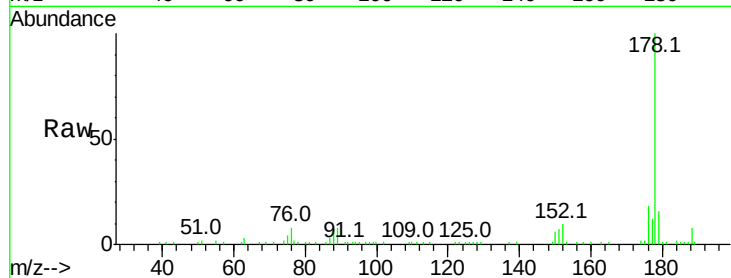
#70
Phenanthrene
Concen: 6.43 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	16.1	12.6	19.0

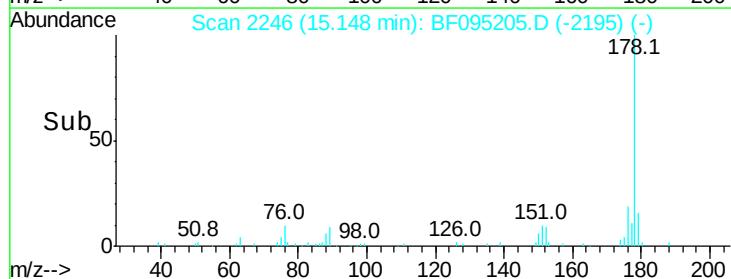
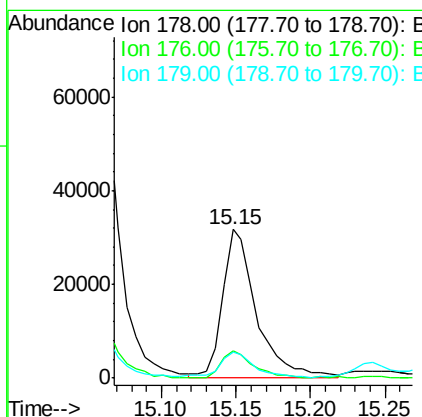
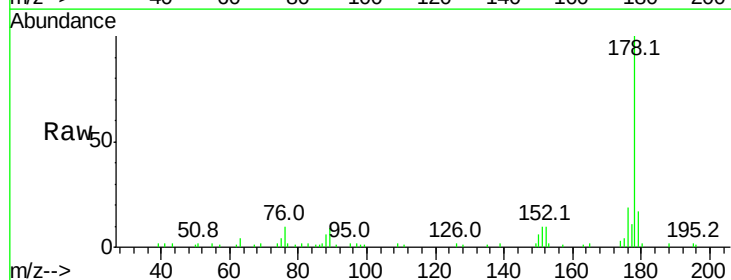
Manual Integrations
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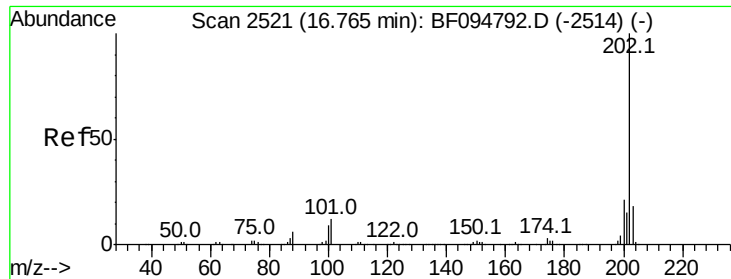
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#71
Anthracene
Concen: 3.80 ng
RT: 15.15 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.2	12.7	19.1





#74

Fluoranthene

Concen: 23.78 ng

RT: 16.80 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF095205.D

Acq: 18 May 2017 2:01

Instrument :

BNA_F

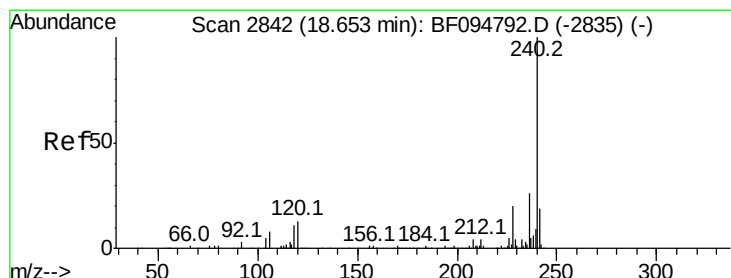
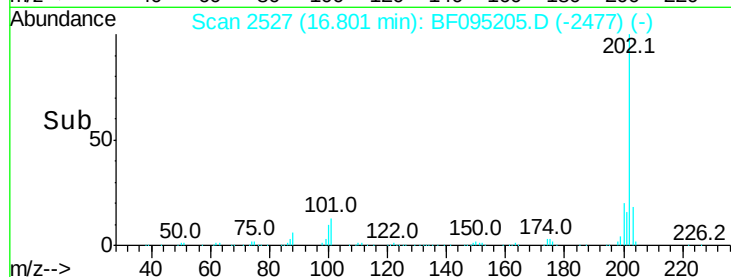
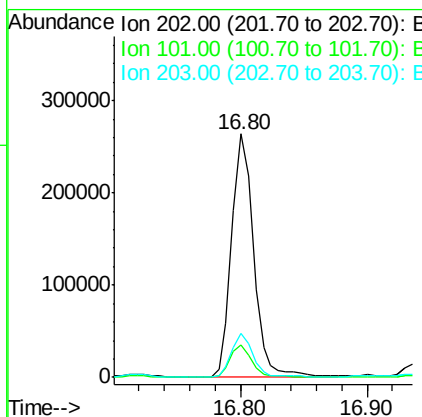
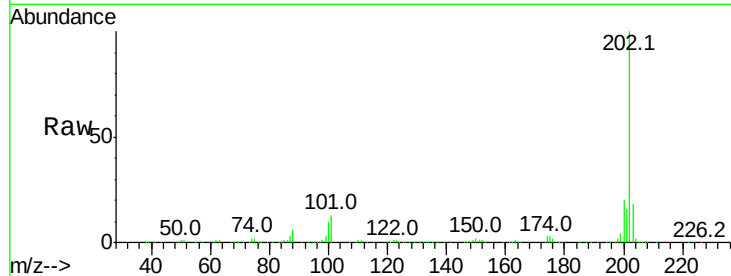
ClientSampleId :

72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

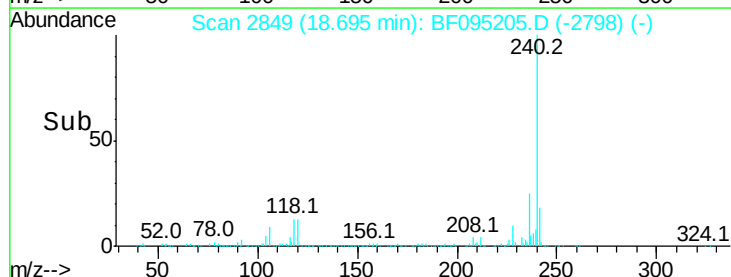
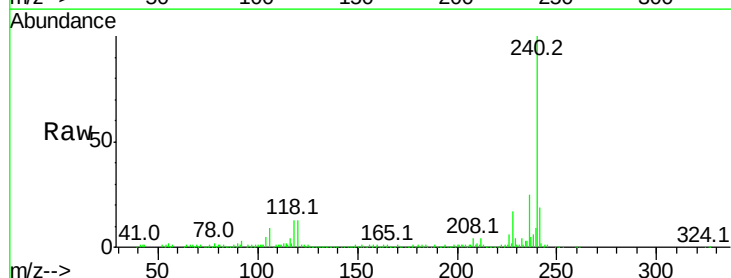
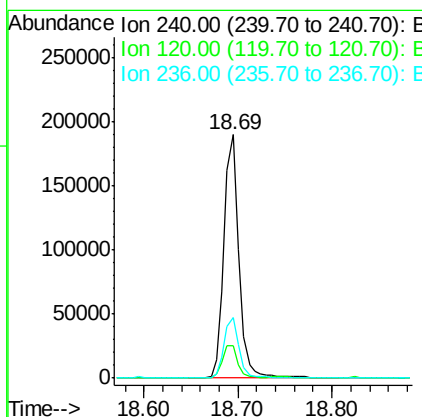
RT: 18.69 min Scan# 2849

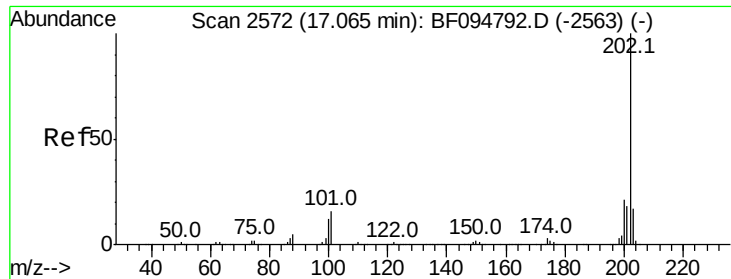
Delta R.T. -0.00 min

Lab File: BF095205.D

Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.7	20.5	30.7





#77

Pvrene

Concen: 18.93 ng

RT: 17.11 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BF095205.D

Acq: 18 May 2017 2:01

Instrument :

BNA_F

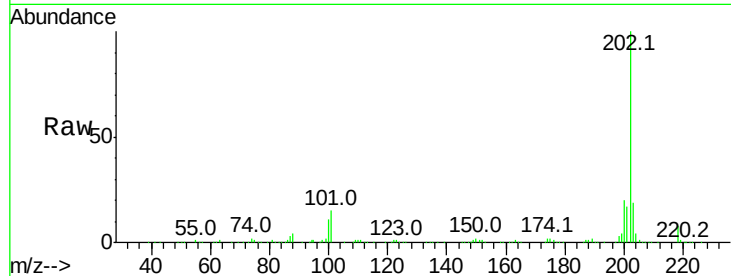
ClientSampleId :

72-11932-72-11930-ETGI-338

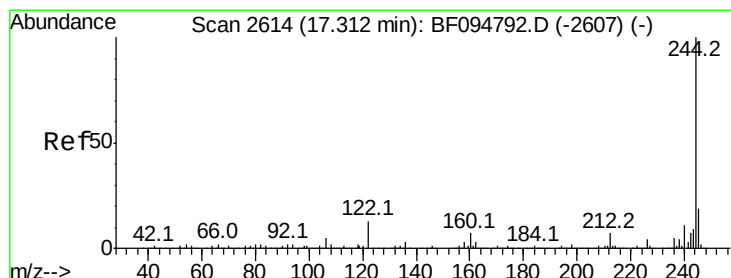
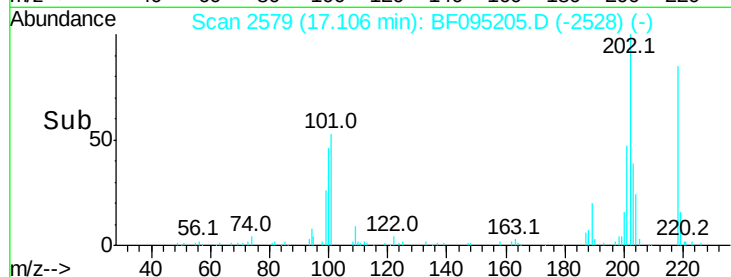
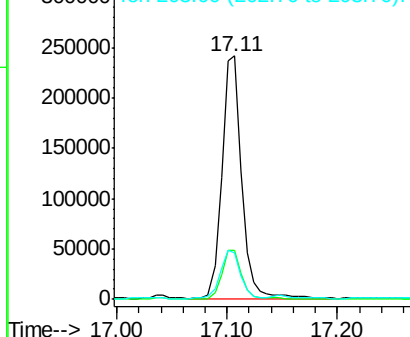
Tot Ion:	202	Resp:	301633
Ion Ratio		Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.0	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 32.08 ng

RT: 17.34 min Scan# 2619

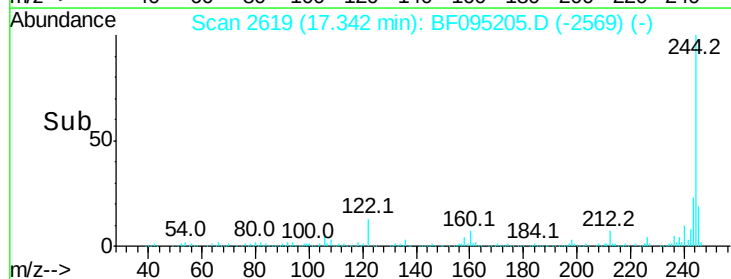
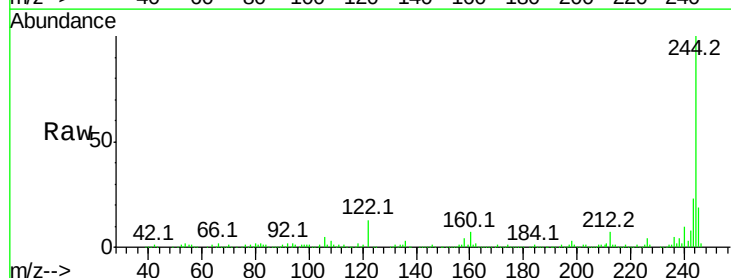
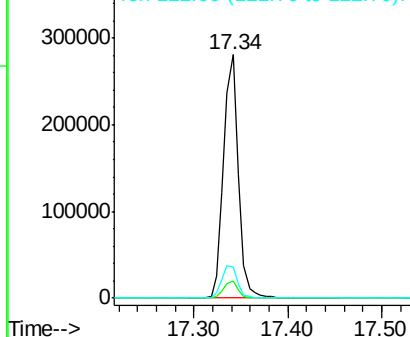
Delta R.T. -0.01 min

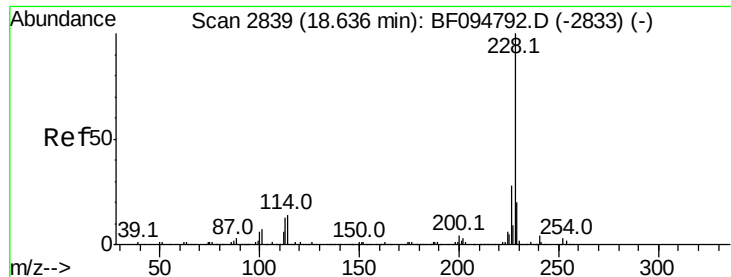
Lab File: BF095205.D

Acq: 18 May 2017 2:01

Tgt Ion:	244	Resp:	310398
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.6	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





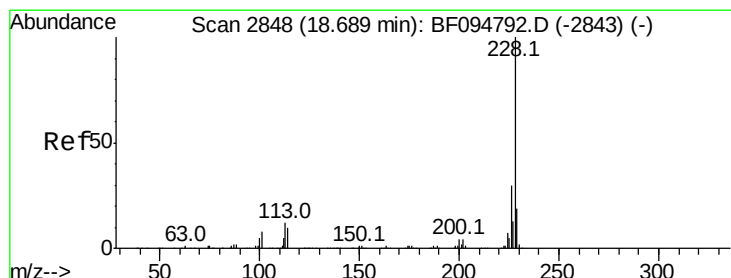
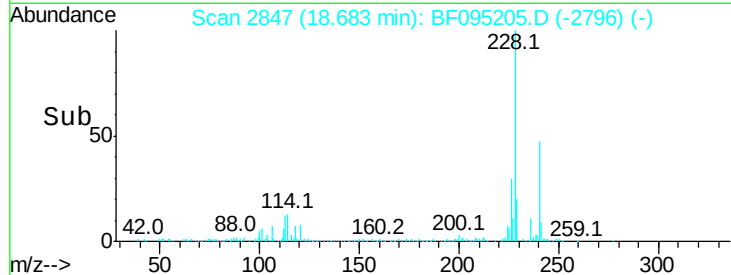
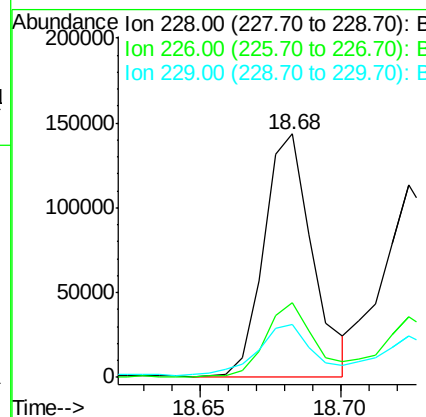
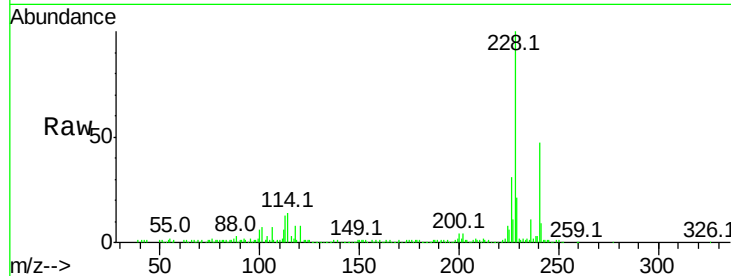
#80
Benzo(a)anthracene
Concen: 13.72 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.5	16.3	24.5

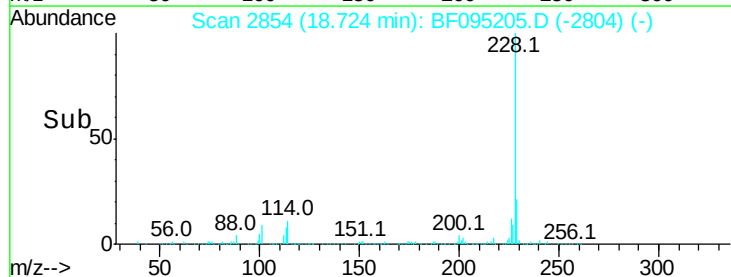
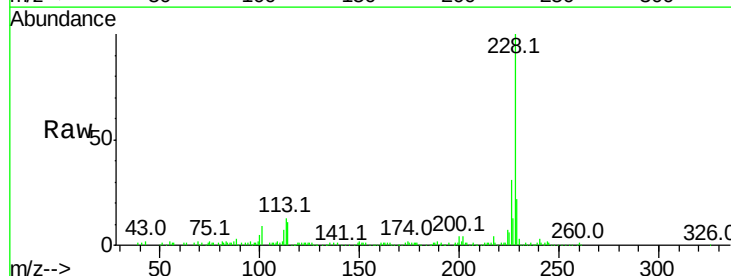
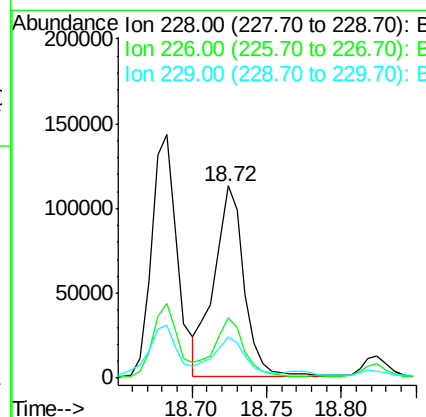
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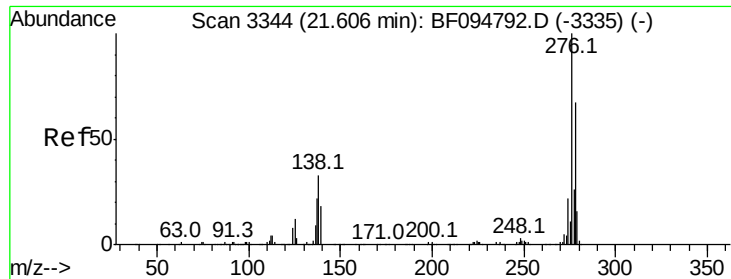
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#82
Chrysene
Concen: 13.32 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.7	15.8	23.6





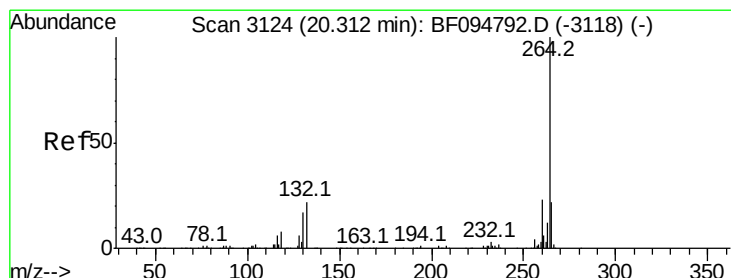
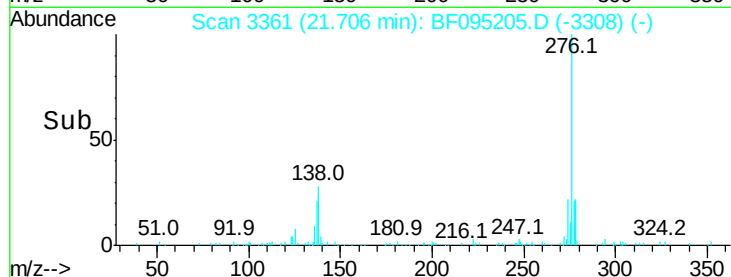
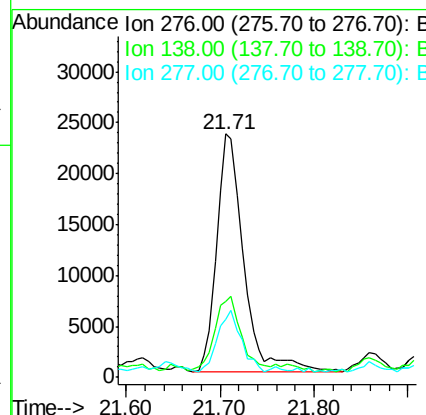
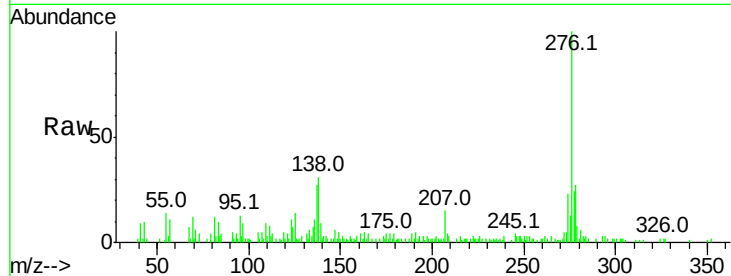
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	23.1	20.2	30.4

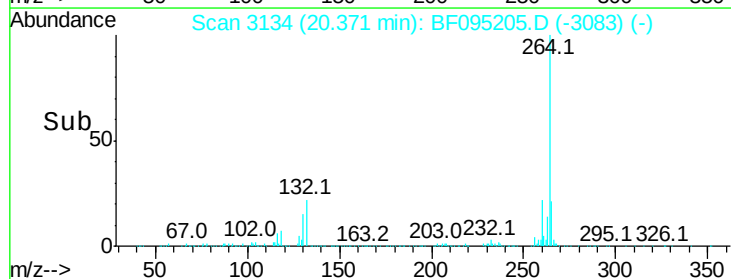
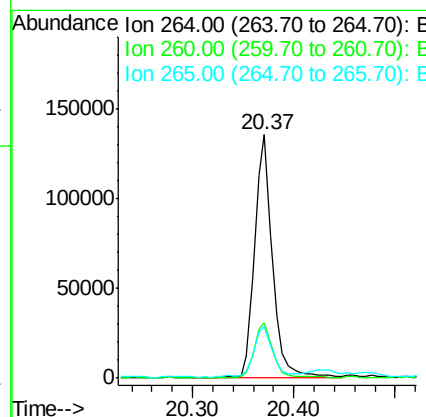
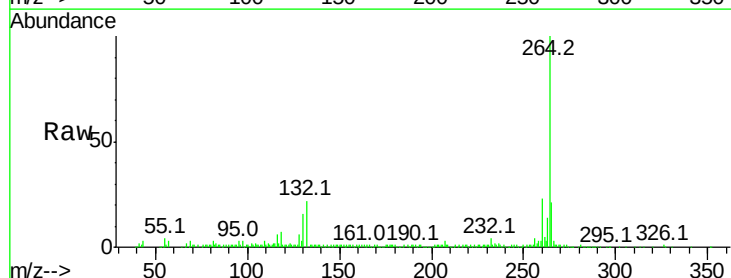
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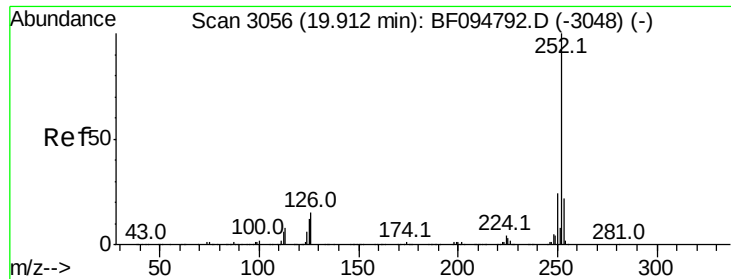
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.0	17.2	25.8





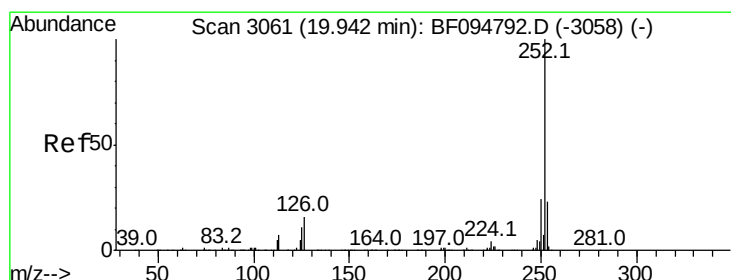
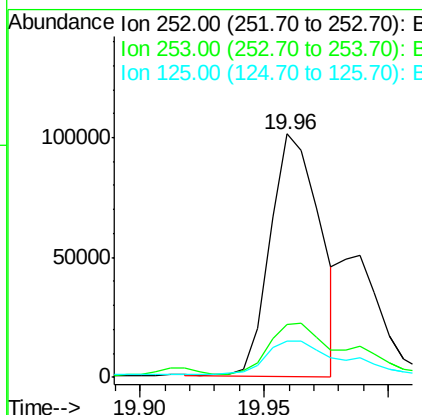
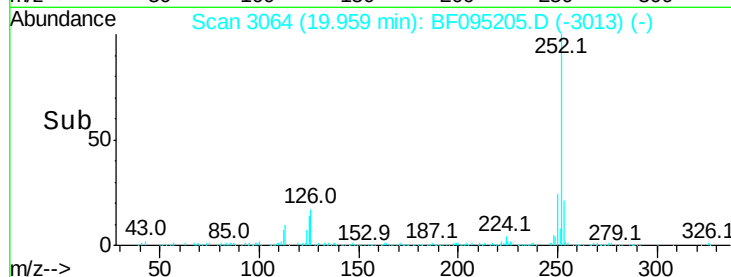
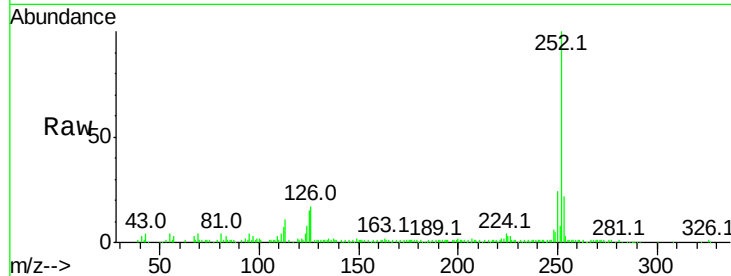
#87
Benzo(b)fluoranthene
Concen: 13.90 ng m
RT: 19.96 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	15.1	9.8	14.8

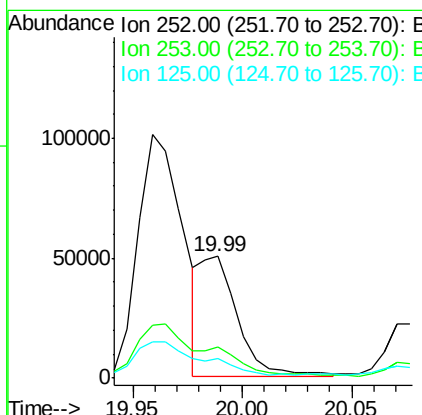
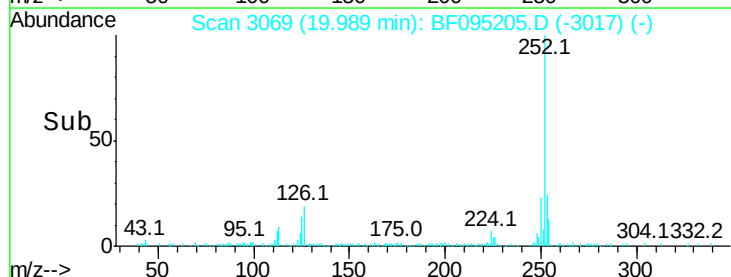
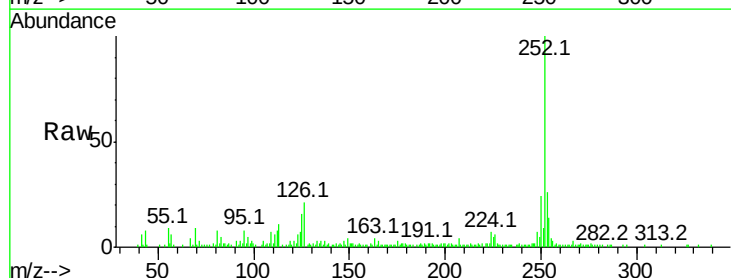
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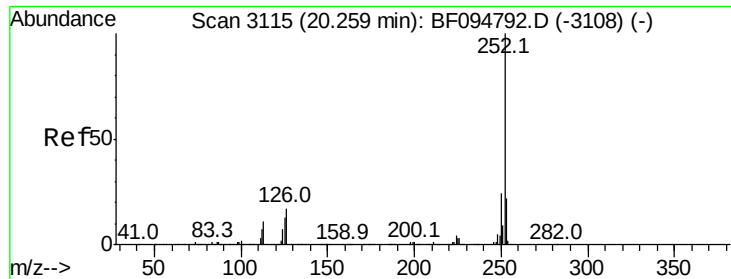
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#88
Benzo(k)fluoranthene
Concen: 6.03 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.01 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	16.0	13.1	19.7





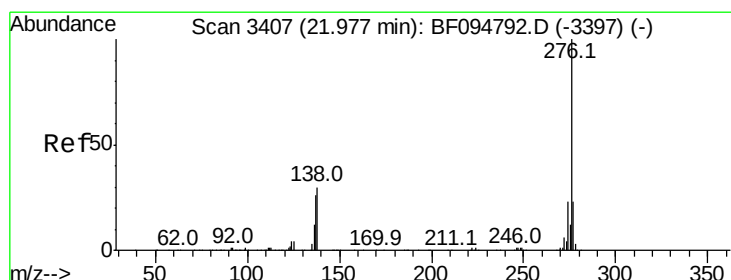
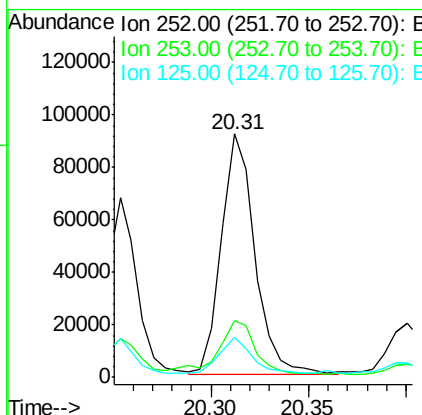
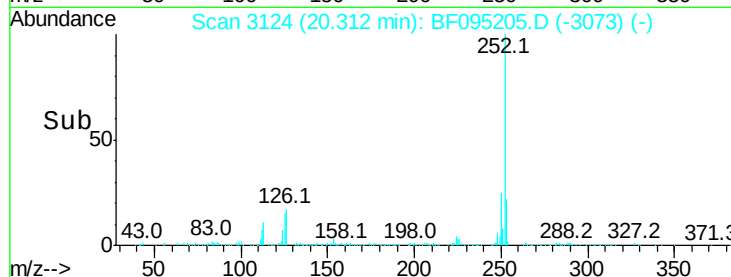
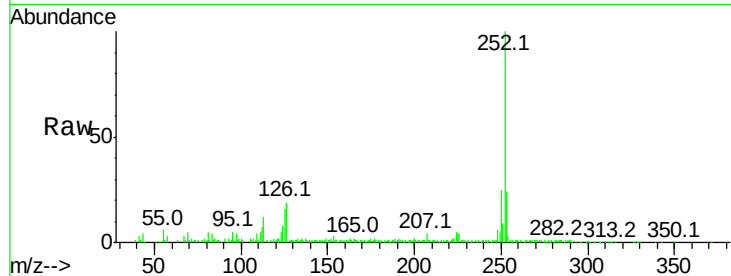
#89
Benzo(a)pyrene
Concen: 11.75 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11930-ETGI-338

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

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.18 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.02 min
Lab File: BF095205.D
Acq: 18 May 2017 2:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.2	18.6	28.0#
138	35.1	25.4	38.0

