

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098972.D
 Acq On : 30 Sep 2017 19:39
 Operator : SJ/JU
 Sample : I5530-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-092817

Manual Integrations
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Sohil
 10/2/2017 5:44:33 PM

Quant Time: Oct 01 01:07:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146398	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	596536	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	239552	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	339547	20.00	ng	0.00
75) Chrysene-d12	14.09	240	269141	20.00	ng	0.00
86) Perylene-d12	15.59	264	204030	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	402129	43.73	ng	0.00
7) Phenol-d6	6.54	99	482689	42.55	ng	0.00
23) Nitrobenzene-d5	7.47	82	282323	30.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	62504	31.89	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	551362	38.42	ng	-0.01
78) Terphenyl-d14	13.02	244	343275	29.01	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	90659	5.014	ng	99
70) Phenanthrene	11.46	178	150056	8.256	ng	97
71) Anthracene	11.52	178	44034	2.368	ng	98
74) Fluoranthene	12.66	202	229297	12.459	ng	98
77) Pyrene	12.89	202	216435	10.546	ng	99
80) Benzo(a)anthracene	14.07	228	105951	6.501	ng	94
82) Chrysene	14.11	228	94636	6.099	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	40572	3.269	ng	98
87) Benzo(b)fluoranthene	15.14	252	110180m	8.783	ng	
88) Benzo(k)fluoranthene	15.16	252	36867m	2.975	ng	
89) Benzo(a)pyrene	15.52	252	75170	6.528	ng	# 87
91) Benzo(a,h,i)perylene	17.56	276	43642	4.791	ng	# 89

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

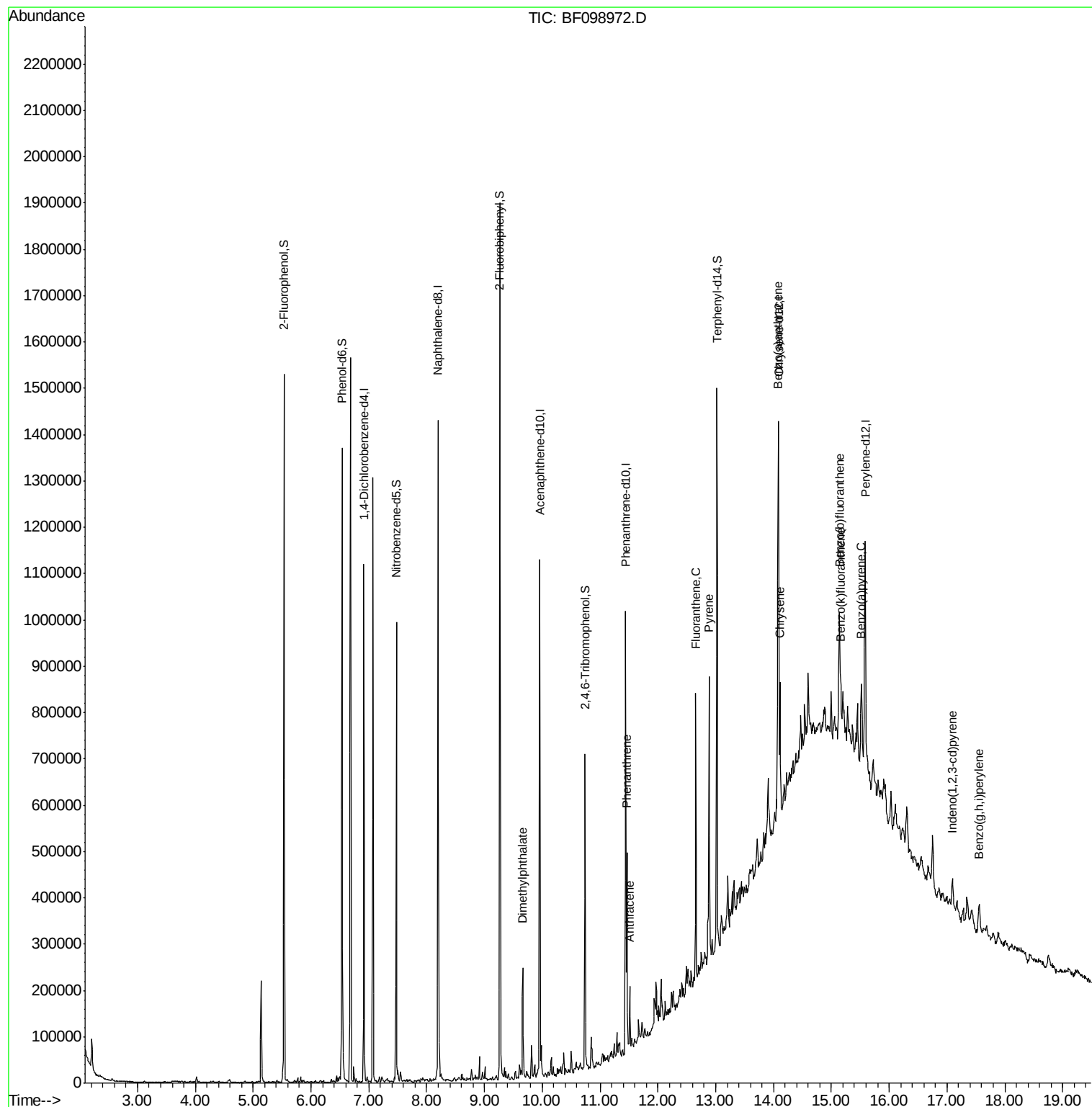
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098972.D
Acq On : 30 Sep 2017 19:39
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#1

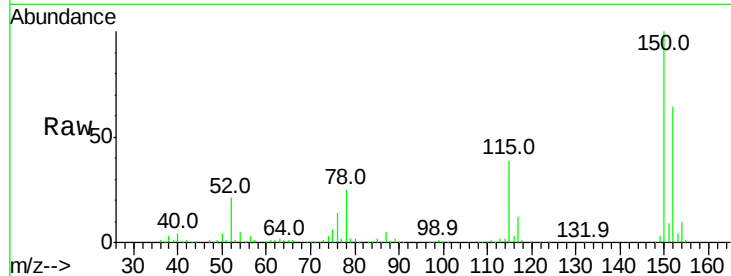
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
DUP-092817

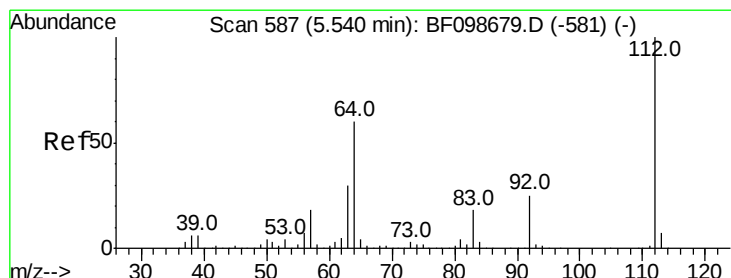
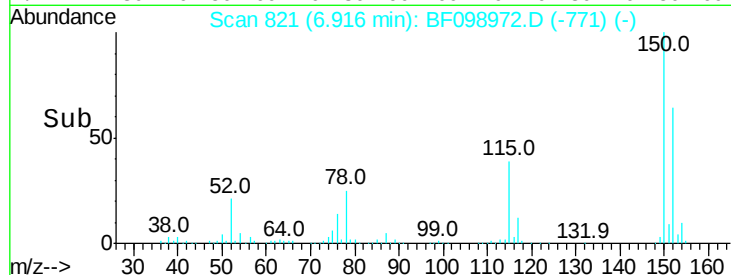
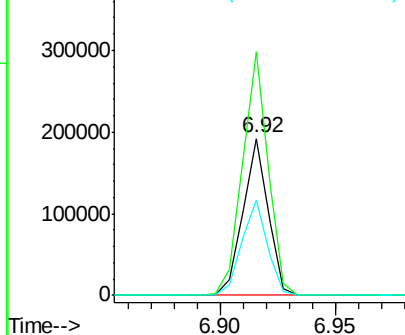
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.9	50.1	75.1

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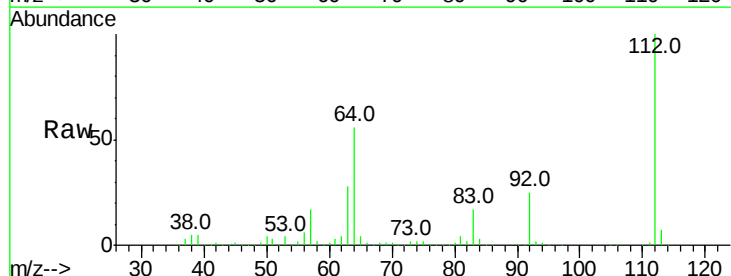
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



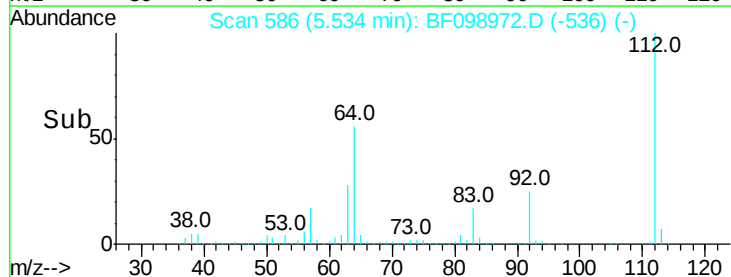
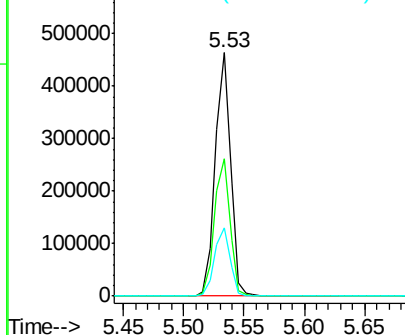
#5

2-Fluorophenol
Concen: 43.727 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.1	23.7	35.5



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: 42.547 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

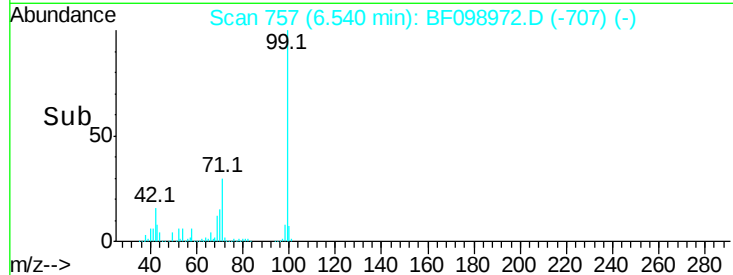
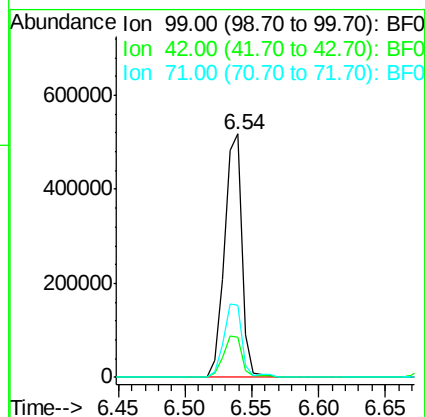
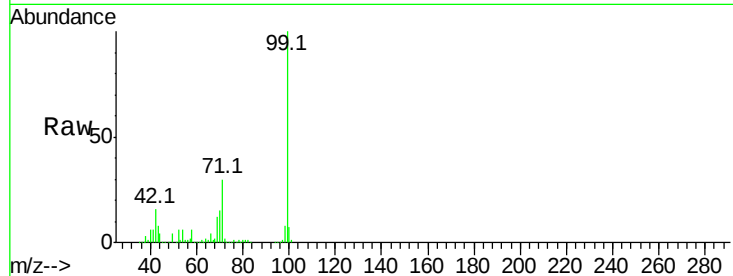
ClientSampleId :

DUP-092817

Tot Ion:	99	Resp:	482689
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	29.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

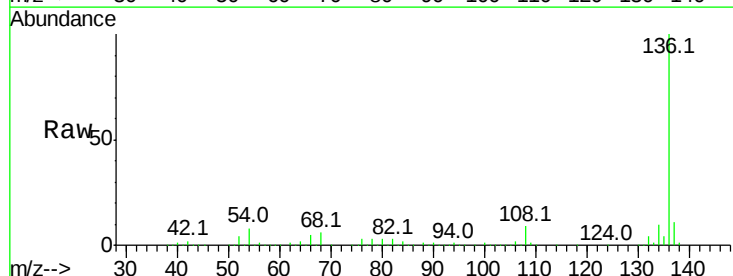
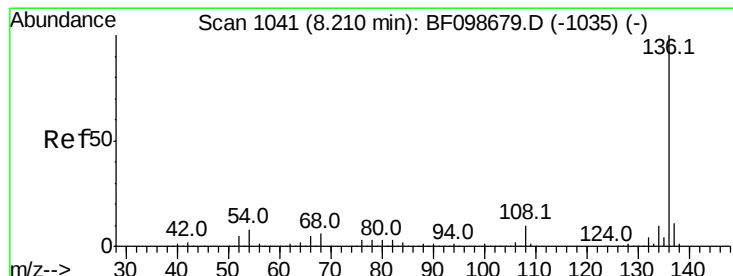
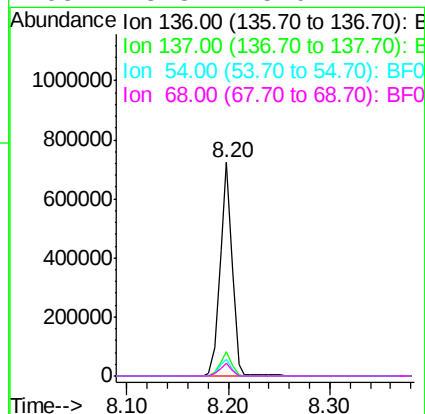
RT: 8.20 min Scan# 1039

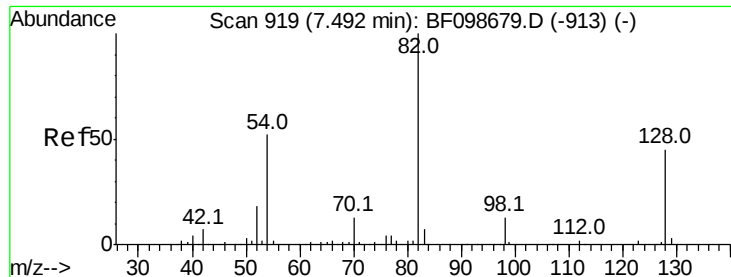
Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	136	Resp:	596536
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	5.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 30.351 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

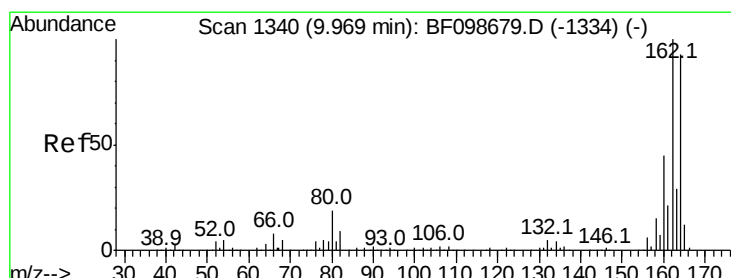
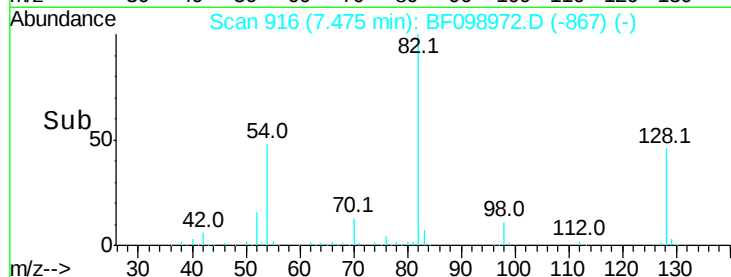
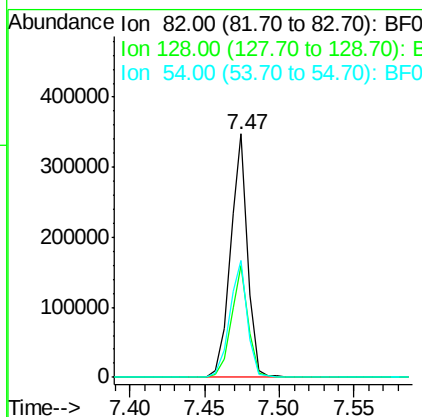
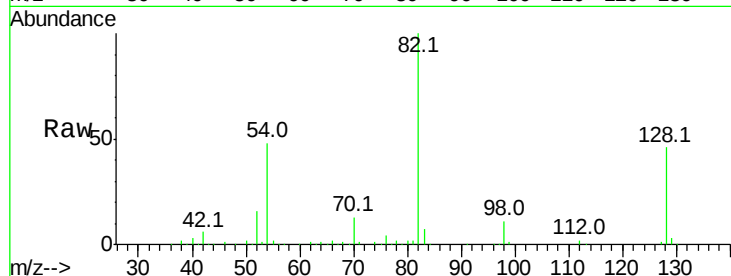
ClientSampleId :

DUP-092817

Tot Ion:	82	Resp:	282323
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	48.2	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

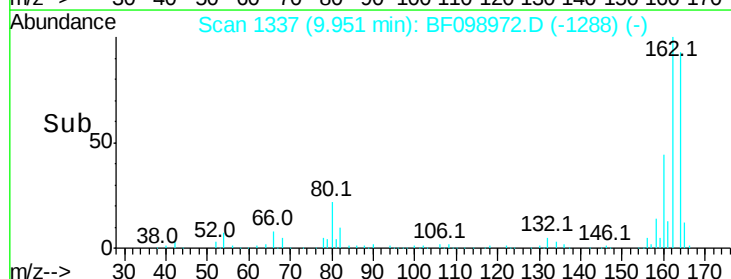
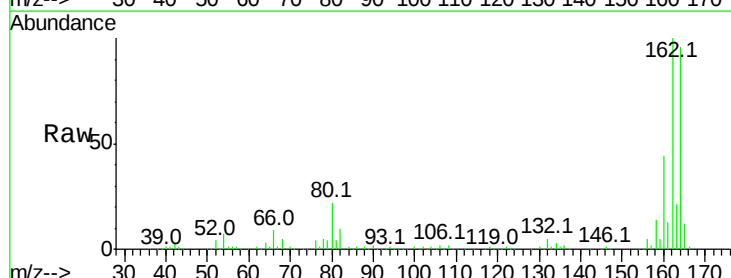
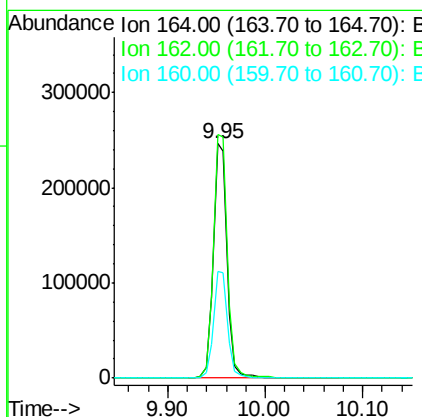
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	164	Resp:	239552
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	45.4	38.3	57.5





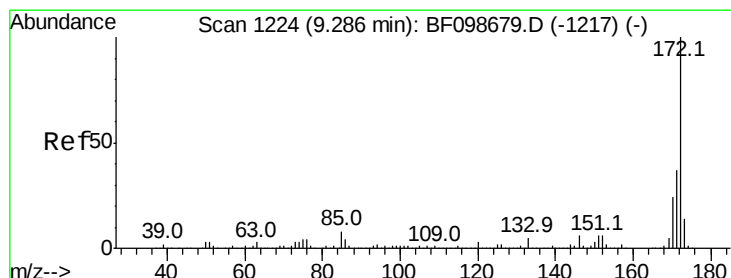
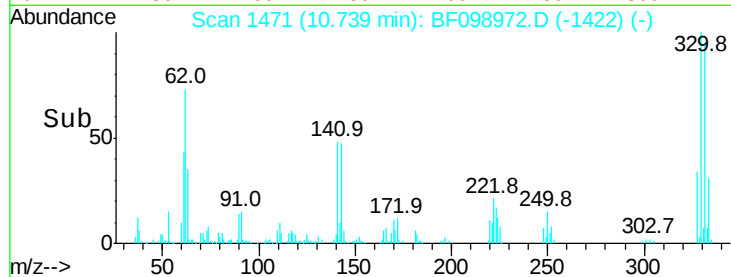
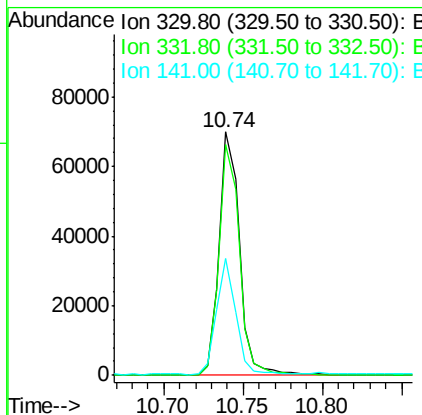
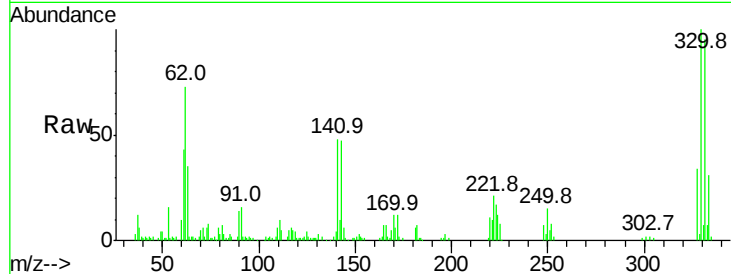
#41
 2,4,6-Tribromophenol
 Concen: 31.887 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098972.D
 Acq: 30 Sep 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 DUP-092817

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	47.6	29.9	44.9

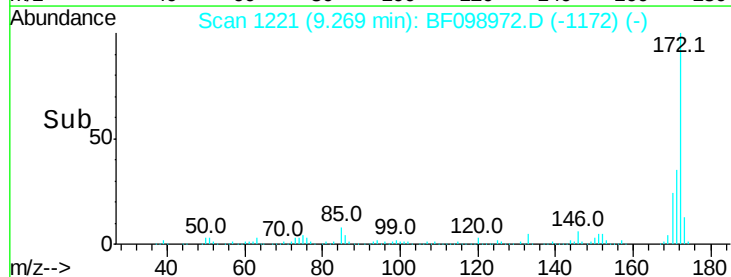
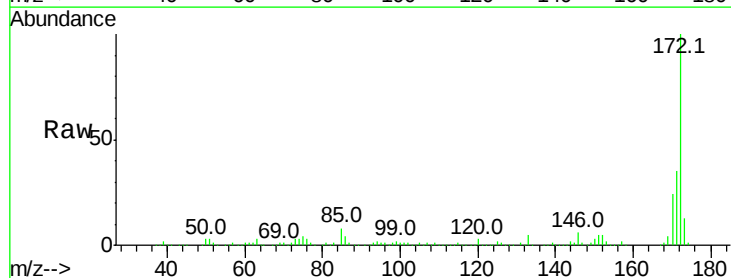
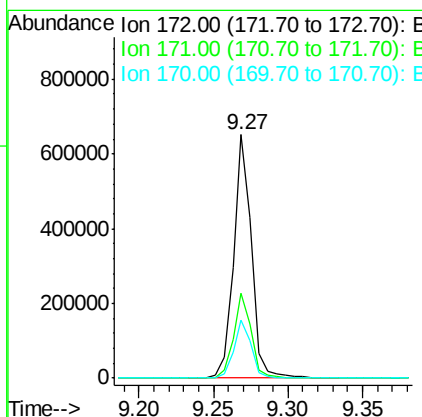
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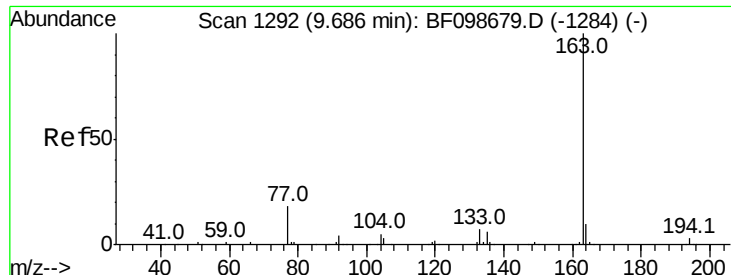
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#44
 2-Fluorobiphenyl
 Concen: 38.424 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098972.D
 Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 5.014 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

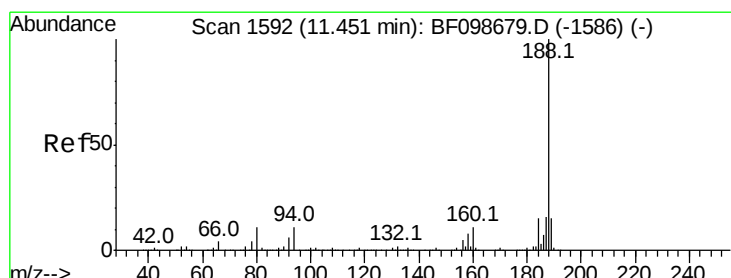
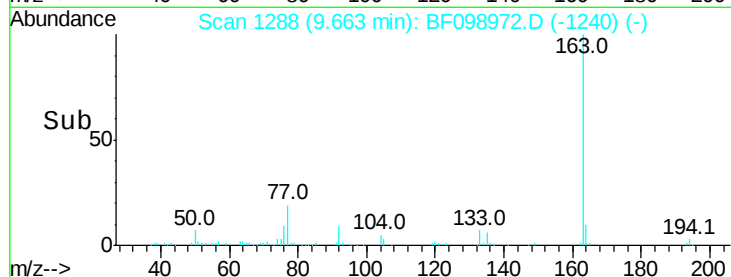
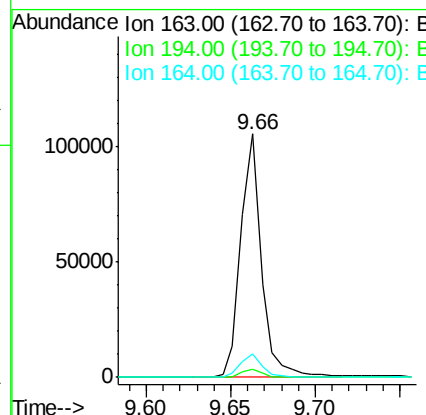
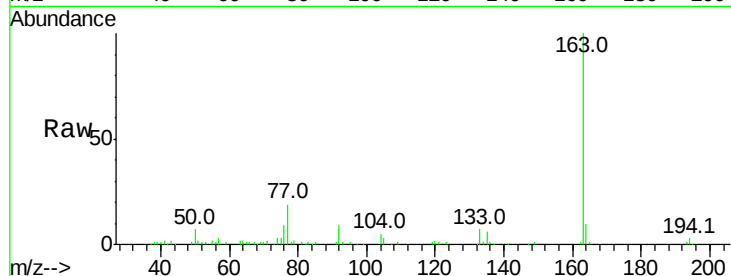
ClientSampled :

DUP-092817

Tot Ion:	163	Resp:	90659
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

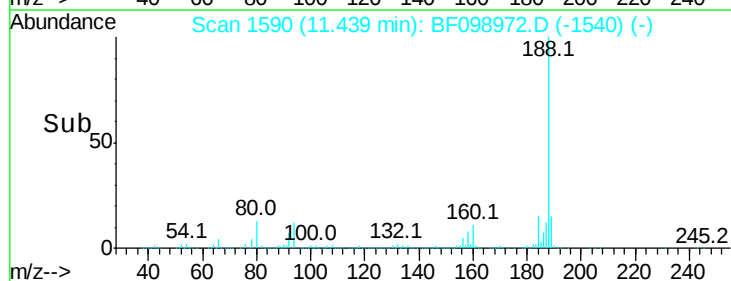
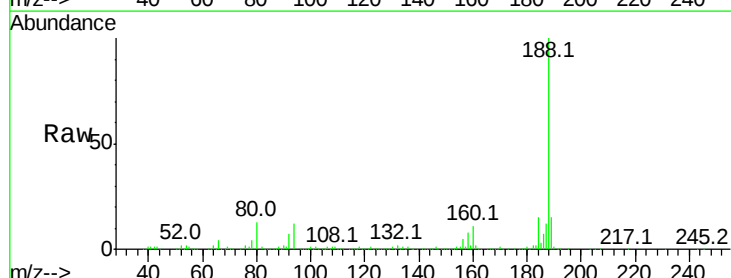
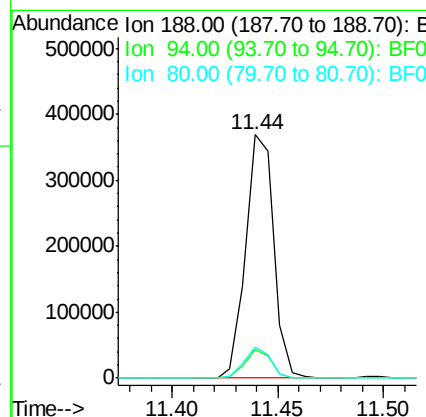
RT: 11.44 min Scan# 1590

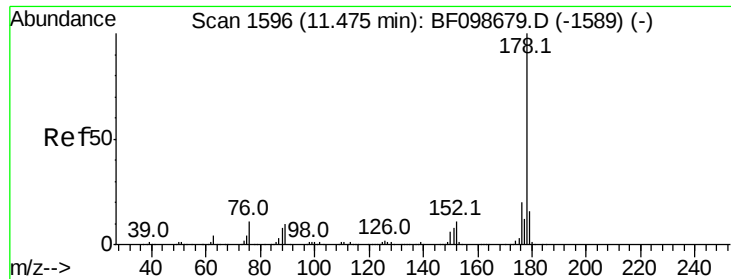
Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	188	Resp:	339547
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	12.9	9.2	13.8





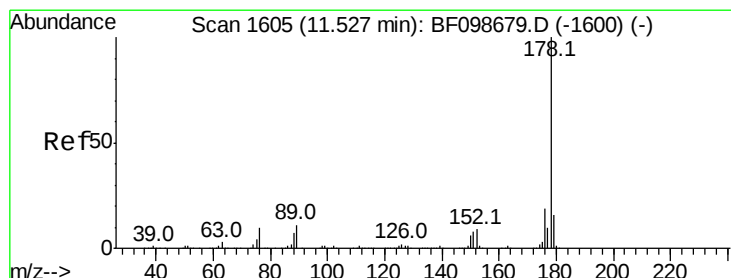
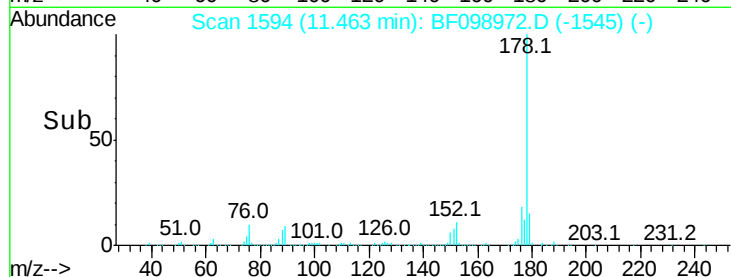
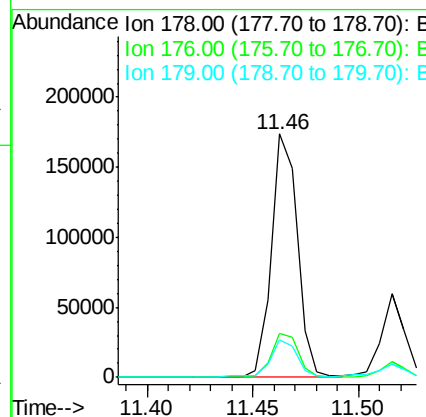
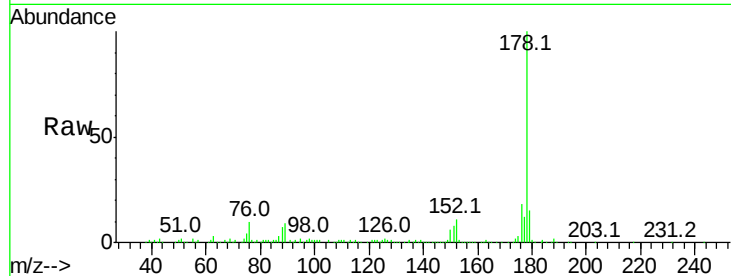
#70
Phenanthrene
Concen: 8.256 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
DUP-092817

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.2	13.0	19.6

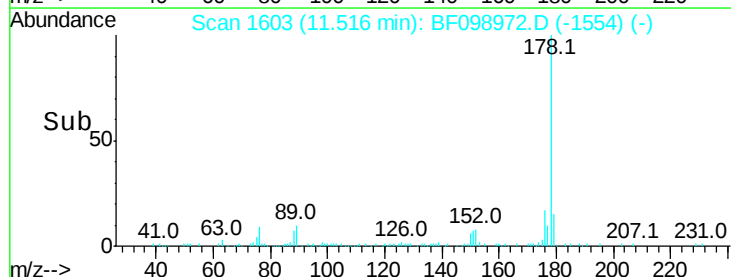
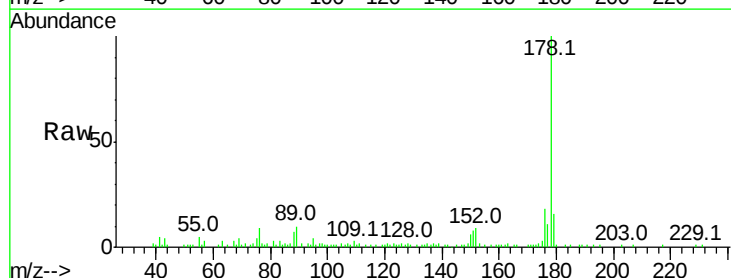
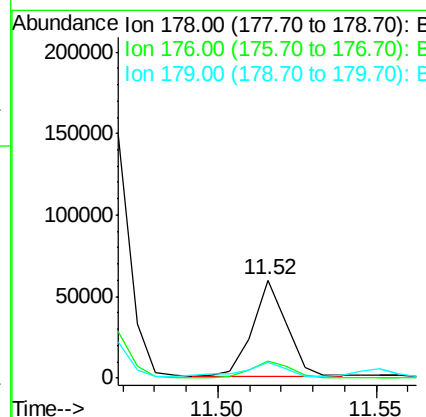
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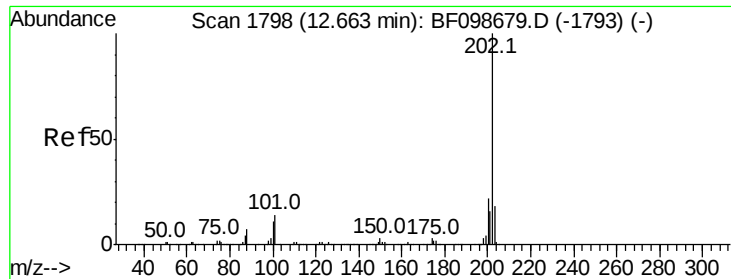
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#71
Anthracene
Concen: 2.368 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.6	12.6	19.0





#74

Fluoranthene

Concen: 12.459 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

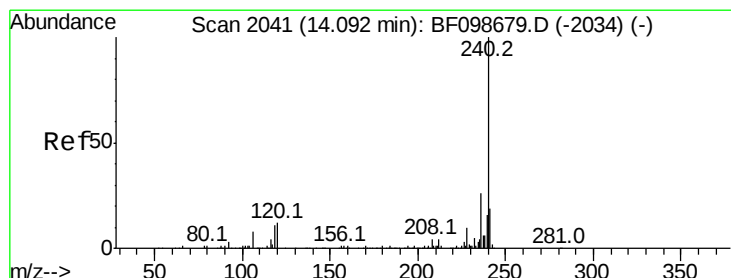
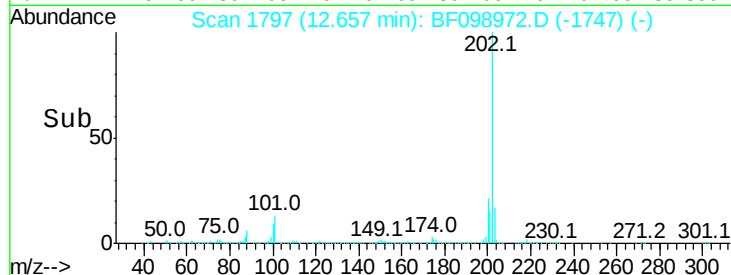
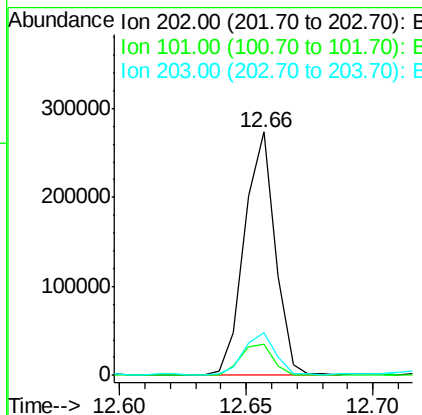
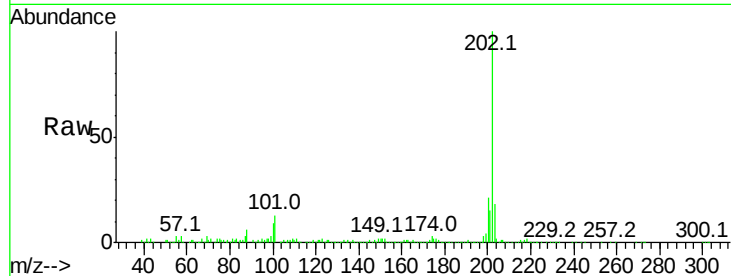
ClientSampleId :

DUP-092817

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

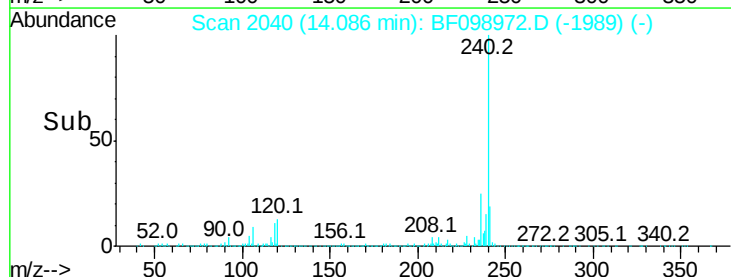
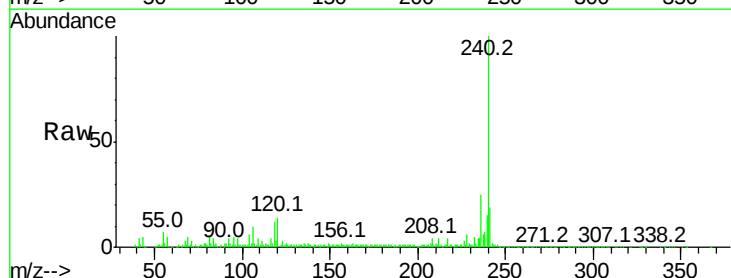
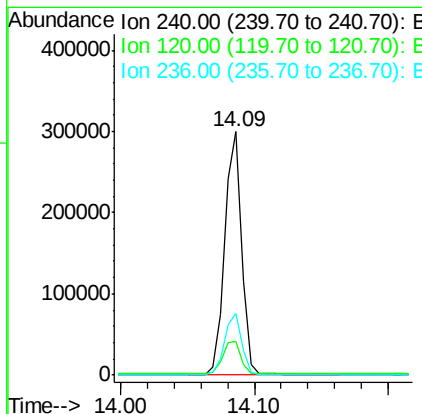
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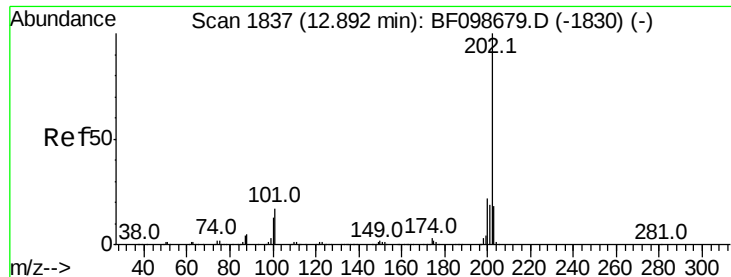
Delta R.T. -0.00 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.3	20.7	31.1





#77

Pvrene

Concen: 10.546 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

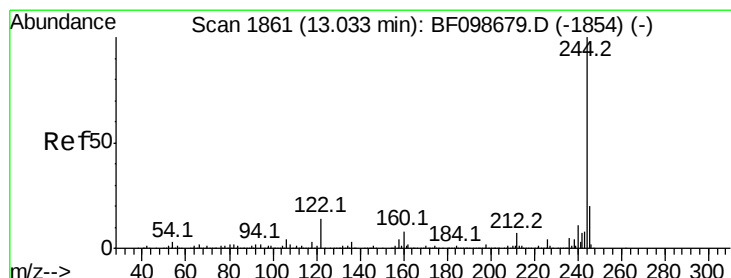
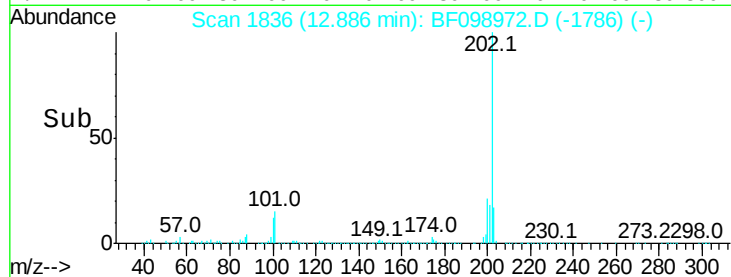
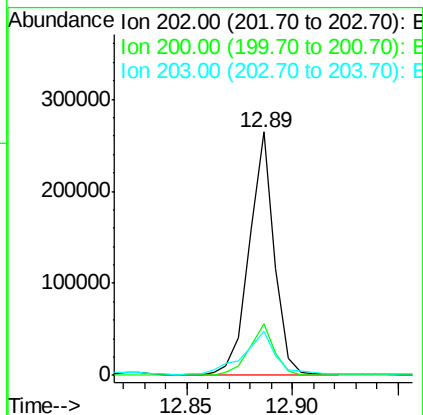
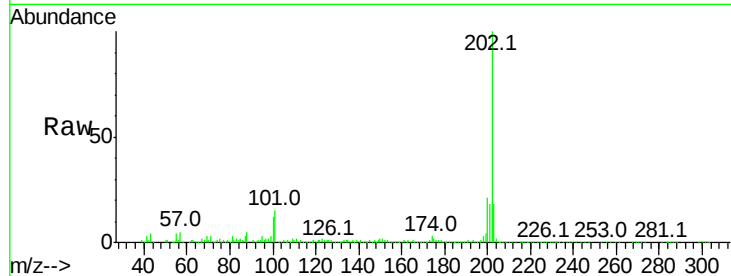
ClientSampleId :

DUP-092817

Tot Ion:	202	Resp:	216435
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 29.006 ng

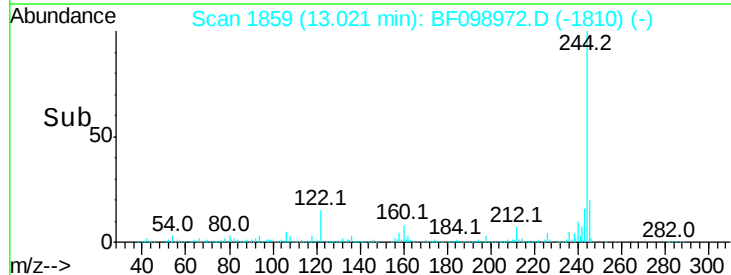
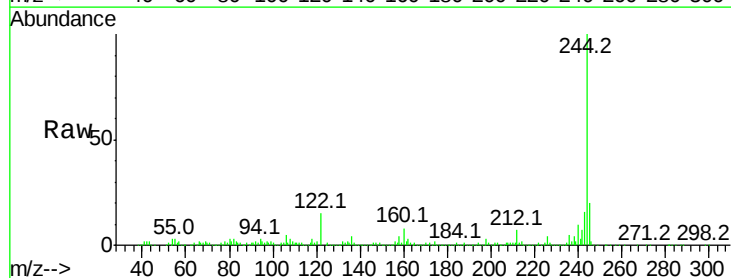
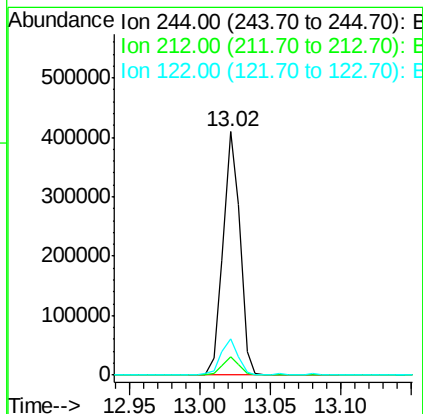
RT: 13.02 min Scan# 1859

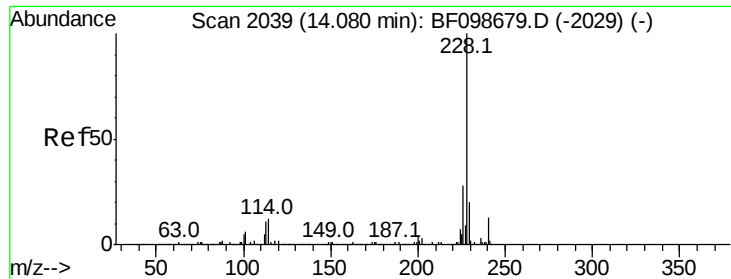
Delta R.T. -0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	244	Resp:	343275
Ion Ratio		Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.1	11.0	16.4





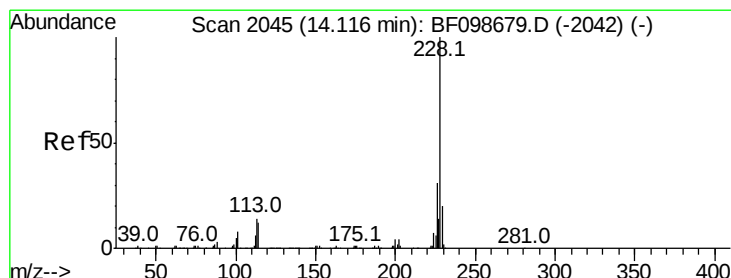
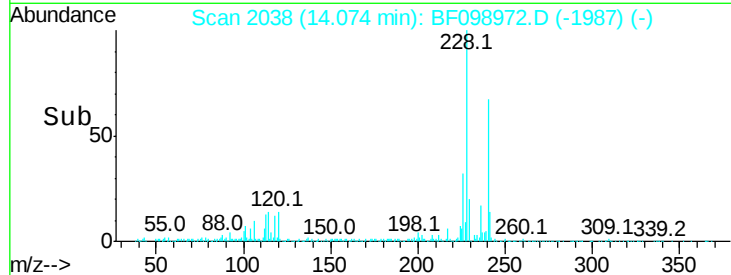
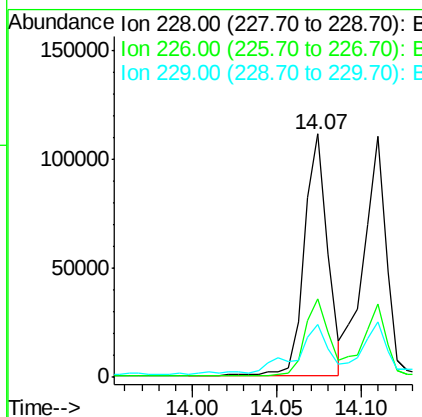
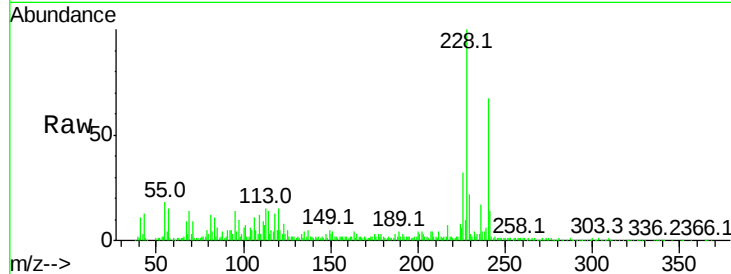
#80
Benzo(a)anthracene
Concen: 6.501 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
DUP-092817

Tot Ion	Ratio	Resp	Lower	Upper
228	100	105951		
226	32.3		22.6	33.8
229	21.7		15.8	23.6

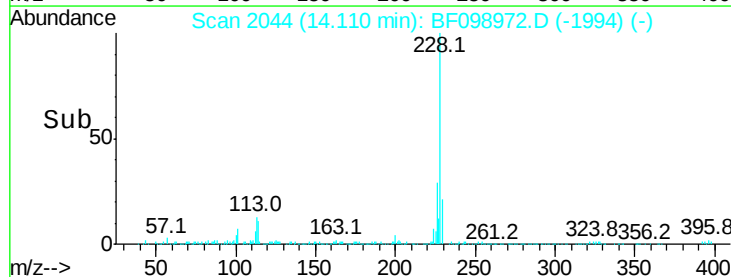
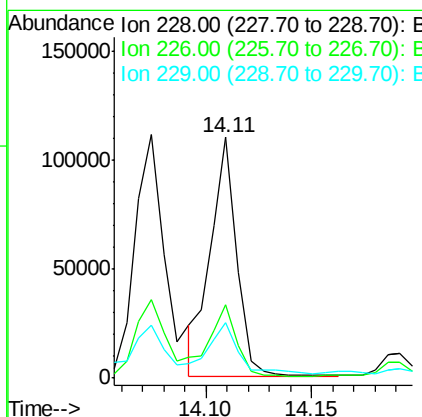
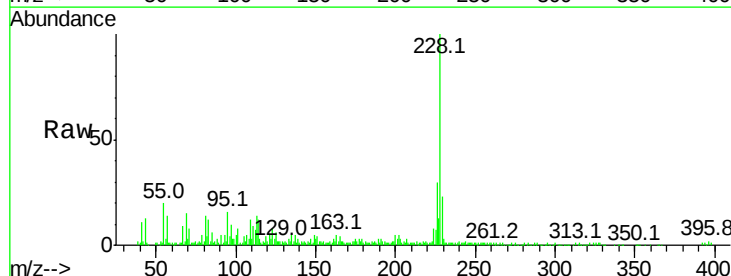
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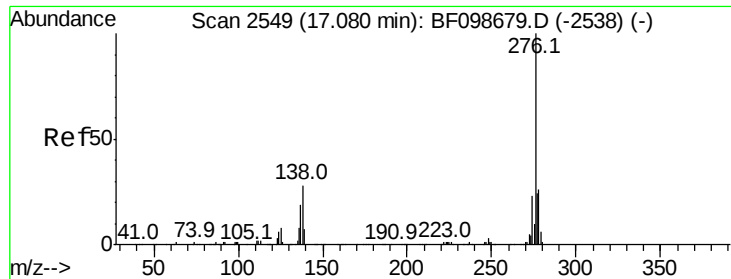
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#82
Chrysene
Concen: 6.099 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	94636		
226	30.2		25.0	37.6
229	22.9		16.2	24.4





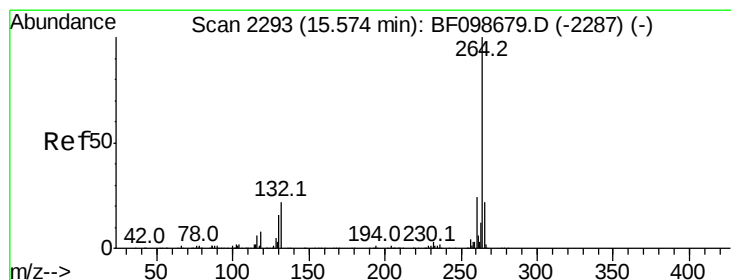
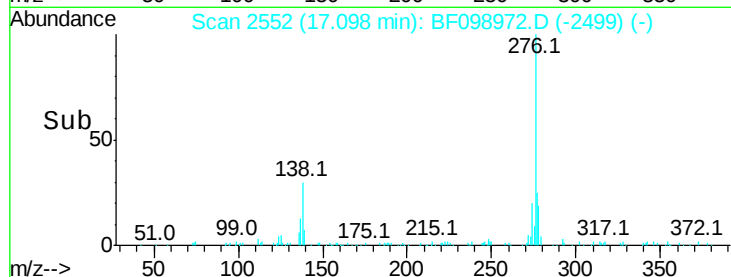
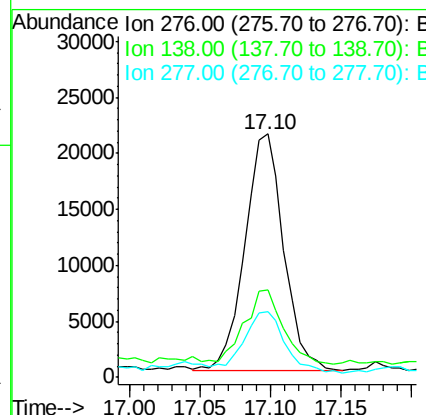
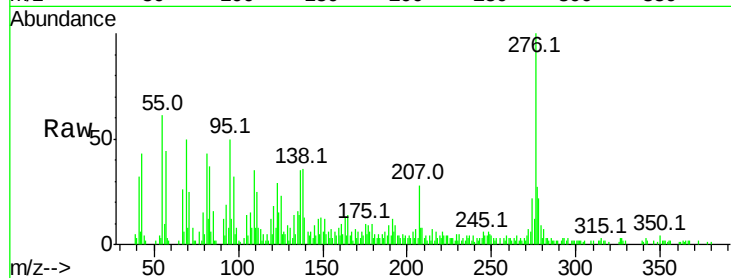
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.269 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
DUP-092817

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	27.5	20.1	30.1

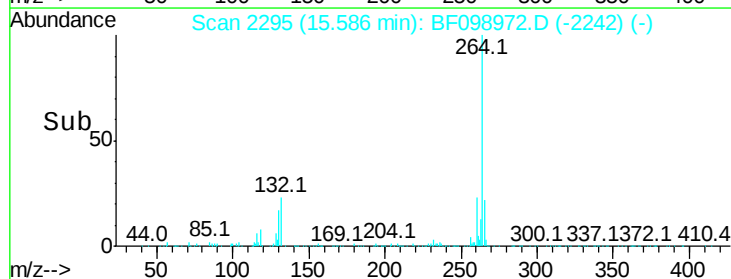
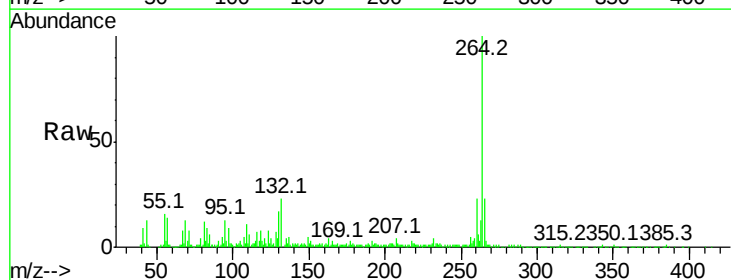
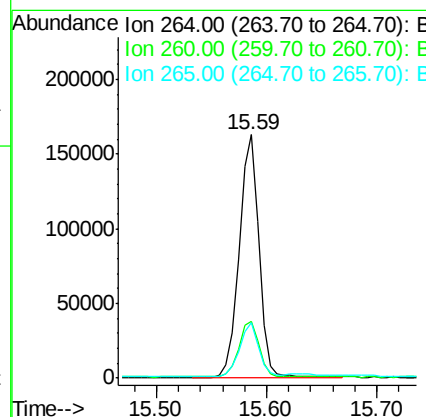
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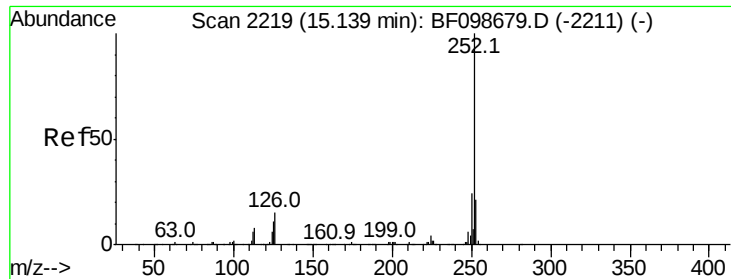
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098972.D
Acq: 30 Sep 2017 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.783 ng m

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

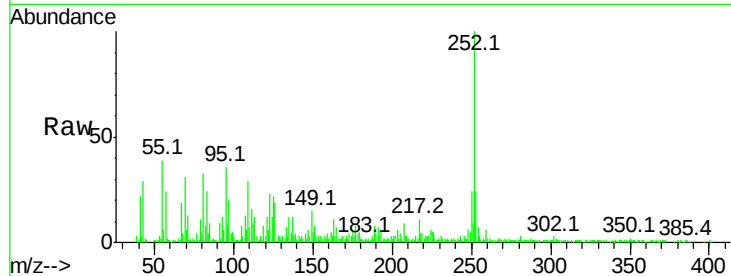
ClientSampleId :

DUP-092817

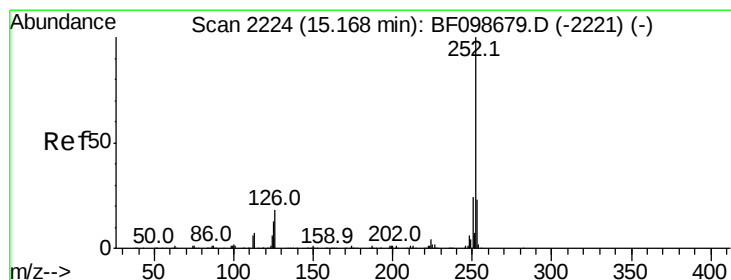
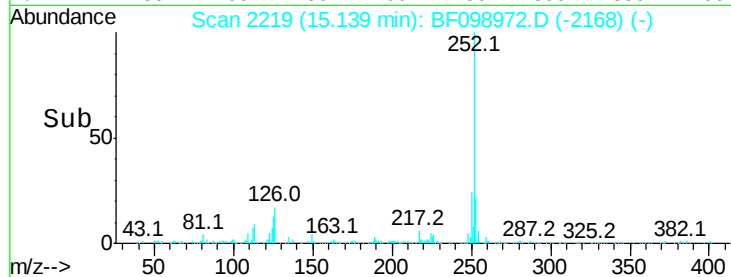
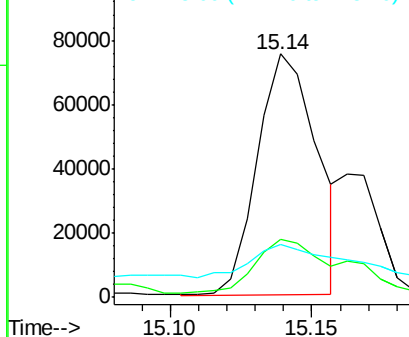
Tot Ion:	252	Resp:	110180
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	21.7	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.975 ng m

RT: 15.16 min Scan# 2223

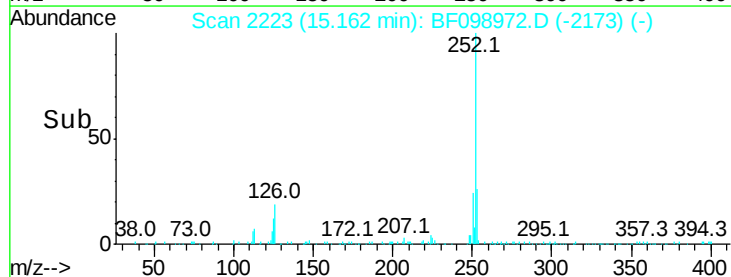
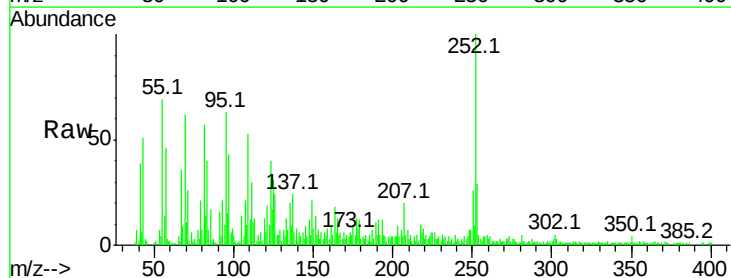
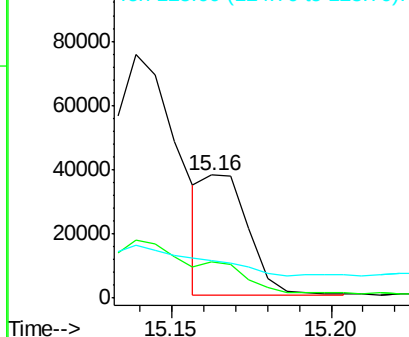
Delta R.T. -0.01 min

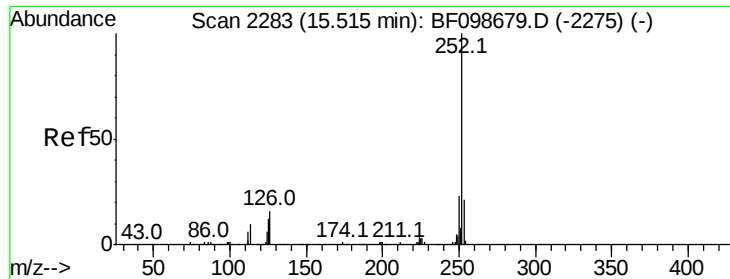
Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	252	Resp:	36867
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.9	26.9#
125	30.7	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.528 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Instrument :

BNA_F

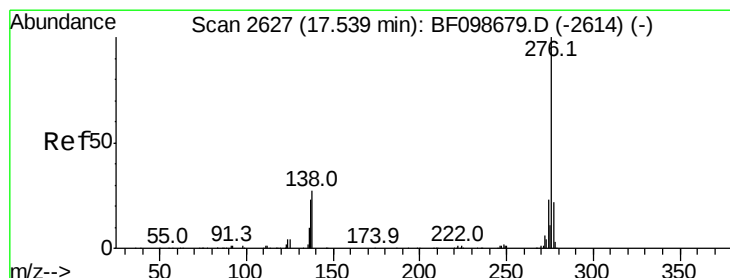
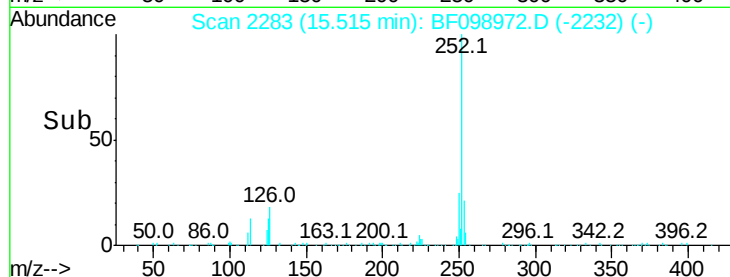
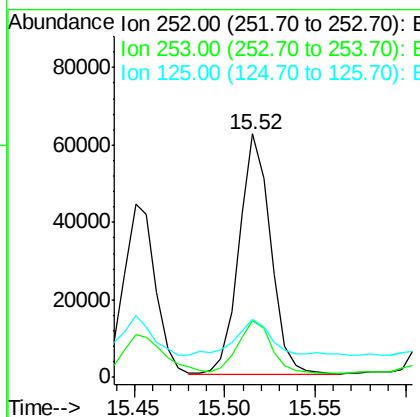
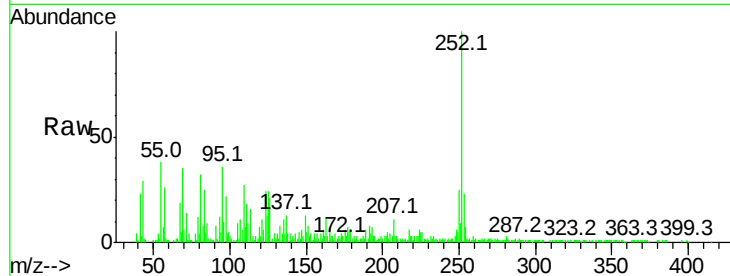
ClientSampleId :

DUP-092817

Tot Ion:	252	Resp:	75170
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	24.0	9.8	14.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 4.791 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BF098972.D

Acq: 30 Sep 2017 19:39

Tgt Ion:	276	Resp:	43642
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	36.4	21.8	32.8#

