

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102472.D
 Acq On : 26 Jan 2018 16:54
 Operator : SJ/JU
 Sample : J1020-13 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-012418-C

Manual Integrations
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Sohil
 1/27/2018 1:46:55 PM

Quant Time: Jan 26 17:25:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157713	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625635	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	238563	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	332926	20.00	ng	0.00
75) Chrysene-d12	13.89	240	285969	20.00	ng	0.01
86) Perylene-d12	15.32	264	203046	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	241309	23.20	ng	0.00
7) Phenol-d6	6.36	99	292946	23.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	125480	11.53	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	30990	13.11	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	280631	17.30	ng	0.00
78) Terphenyl-d14	12.83	244	188518	14.86	ng	0.00
Target Compounds						
57) Fluorene	10.30	166	36480	2.255	ng	96
70) Phenanthrene	11.27	178	213765	11.019	ng	98
71) Anthracene	11.32	178	62218	3.142	ng	98
74) Fluoranthene	12.46	202	274903	13.895	ng	99
77) Pyrene	12.69	202	279668	12.649	ng	99
80) Benzo(a)anthracene	13.88	228	129801	7.372	ng	92
82) Chrysene	13.92	228	123592	6.913	ng	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	37061	2.510	ng	96
87) Benzo(b)fluoranthene	14.91	252	110333m	8.384	ng	
88) Benzo(k)fluoranthene	14.93	252	42153m	3.390	ng	
89) Benzo(a)pyrene	15.26	252	81331	6.852	ng	# 83
91) Benzo(a,h,i)perylene	17.16	276	36578	3.853	ng	# 79

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

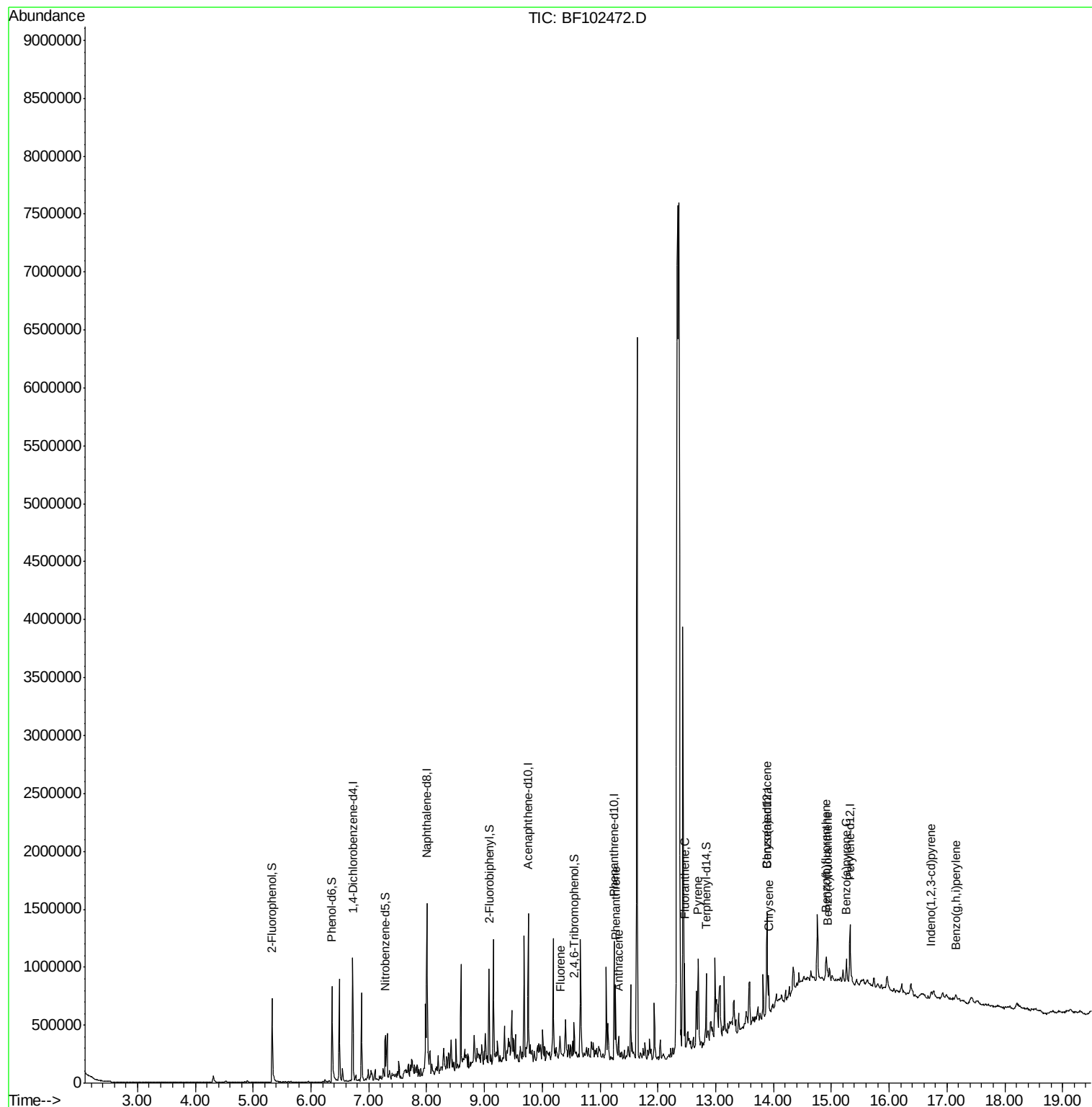
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102472.D
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Sample : J1020-13 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

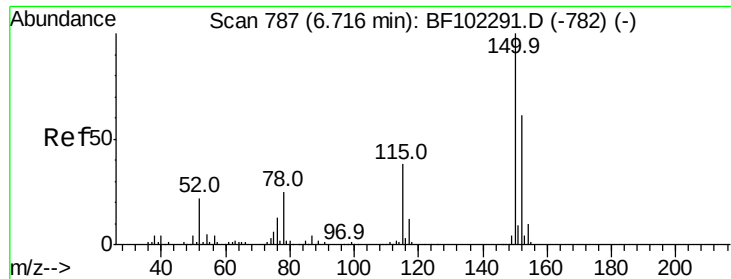
Instrument :
BNA_F
ClientSampleId :
PL-02-012418-C

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

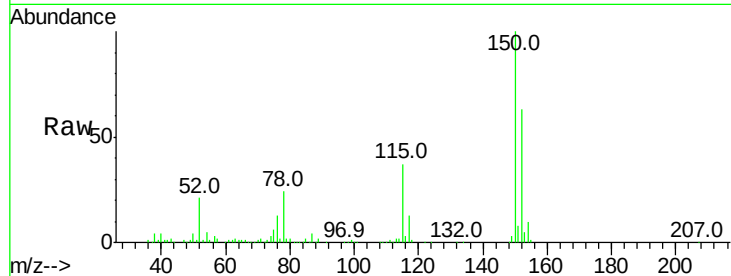
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Instrument :
BNA_F
ClientSampled :
PL-02-012418-C

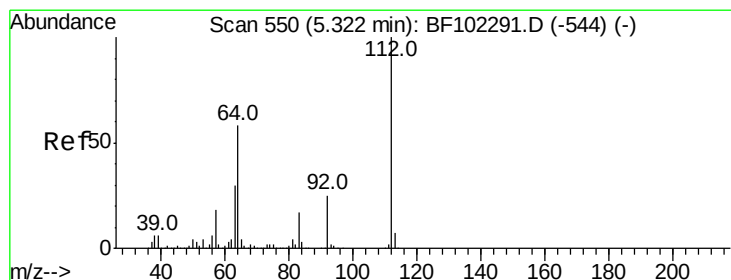
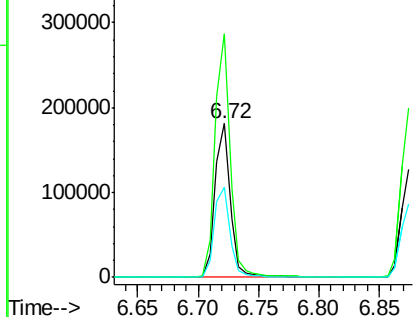
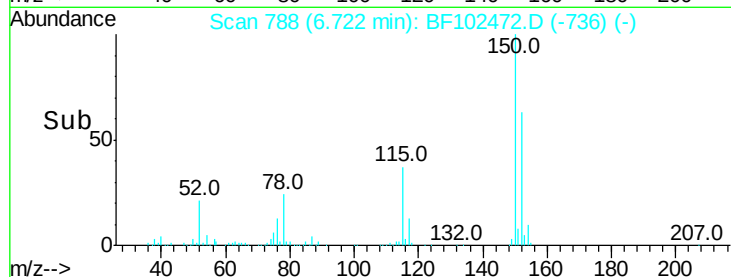
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	58.5	50.1	75.1

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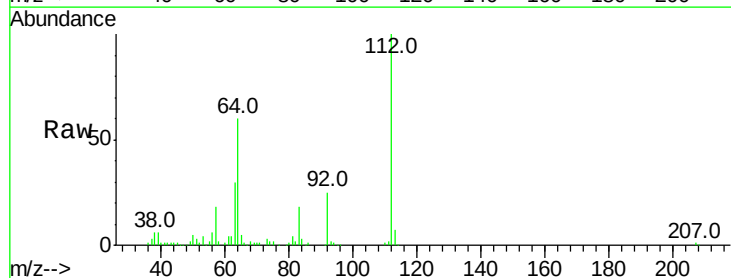
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



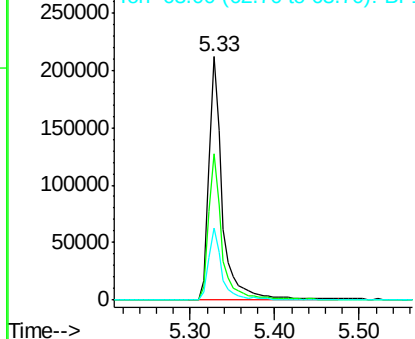
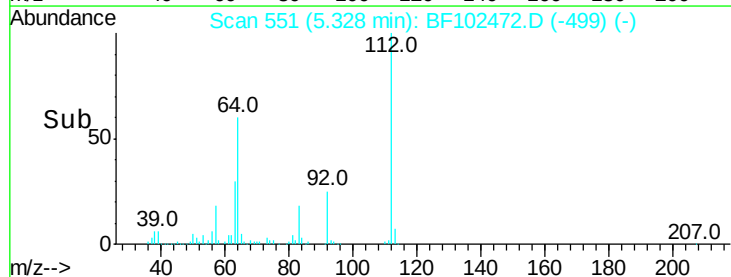
#5

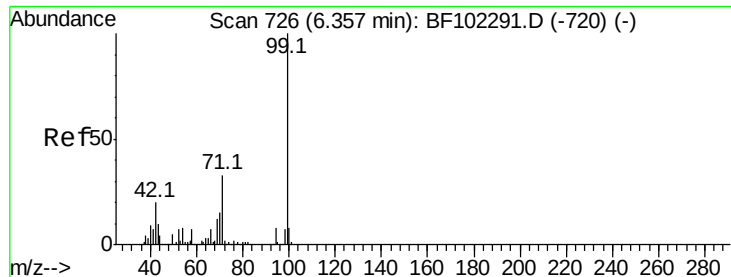
2-Fluorophenol
Concen: 23.200 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.361 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

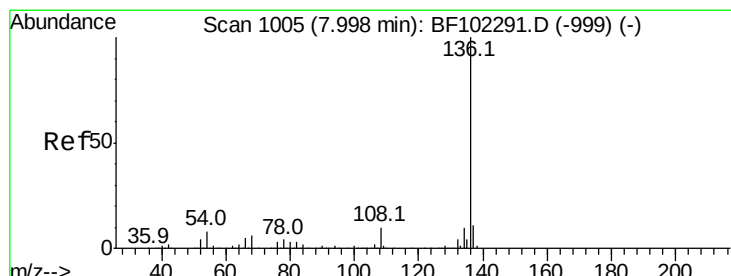
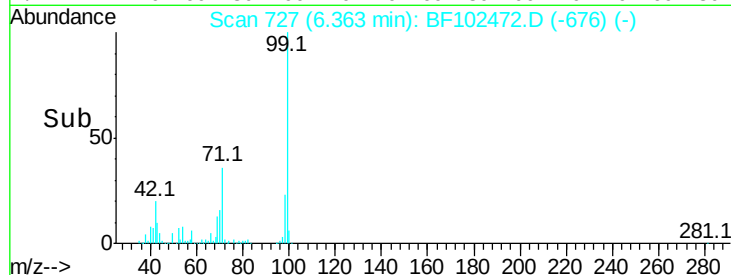
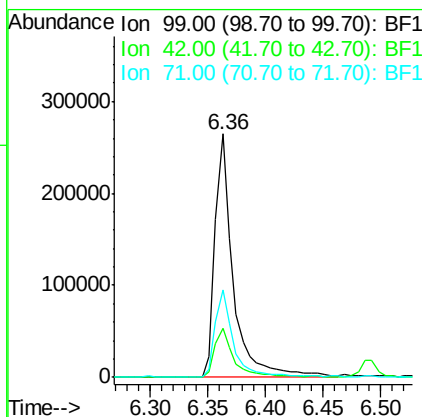
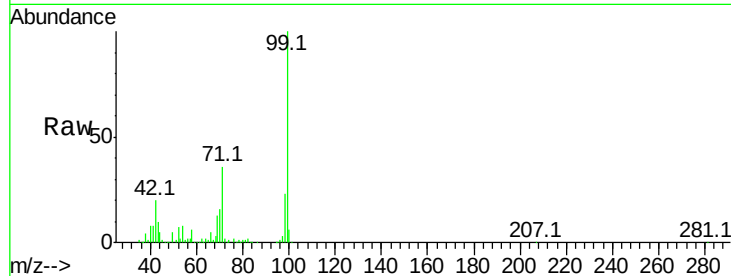
ClientSampled :

PL-02-012418-C

Tot Ion:	99	Resp:	292946
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	36.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

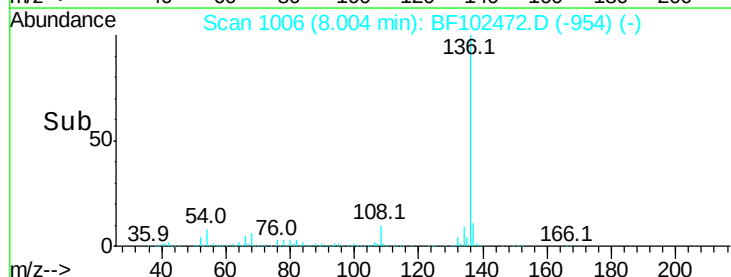
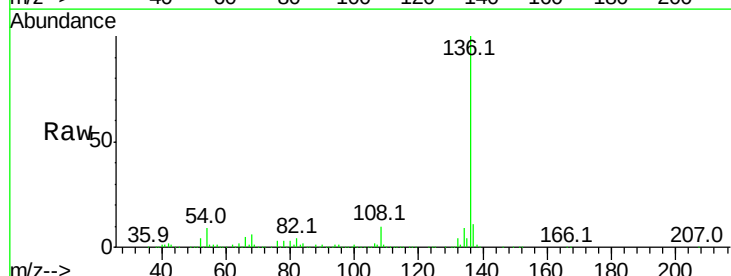
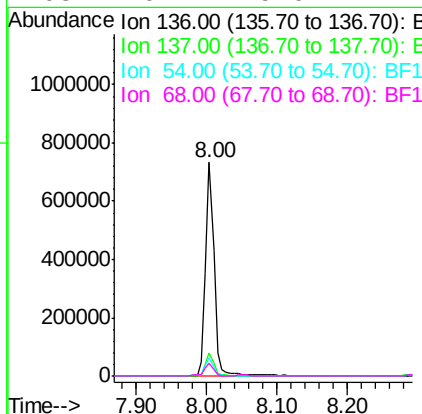
RT: 8.00 min Scan# 1006

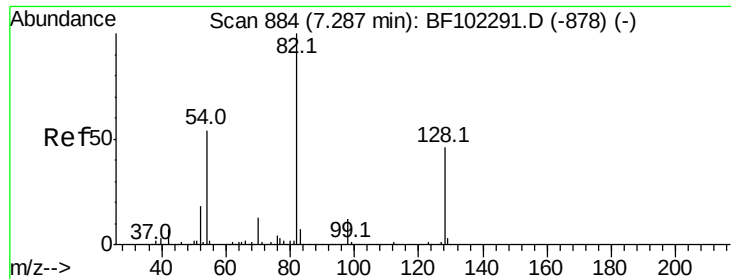
Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Tgt Ion:	136	Resp:	625635
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4





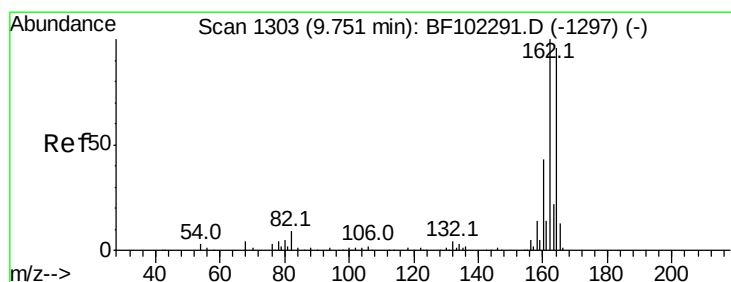
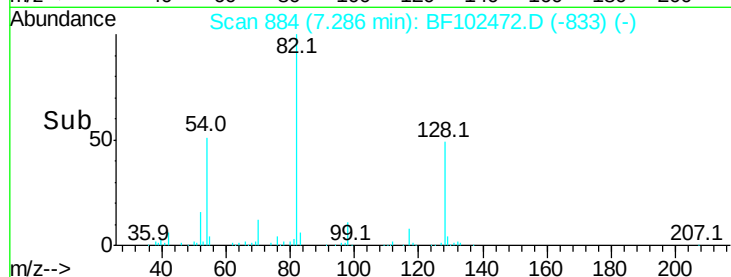
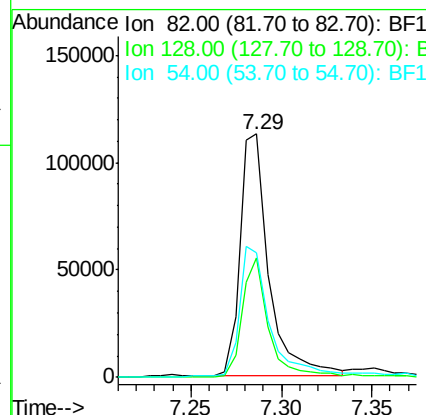
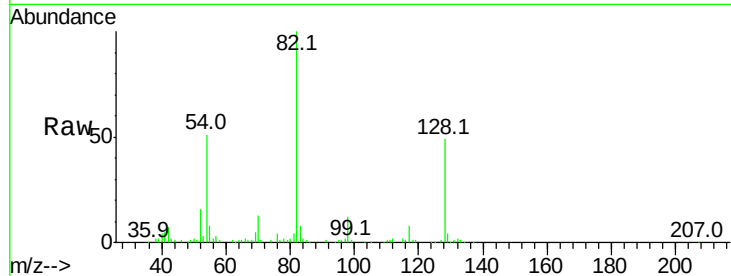
#23
Nitrobenzene-d5
Concen: 11.526 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Instrument :
BNA_F
ClientSampleId :
PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	51.1	41.4	62.2

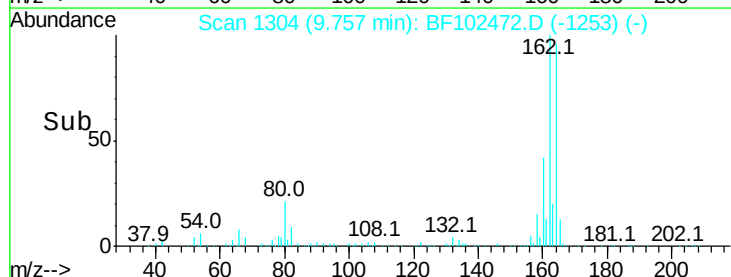
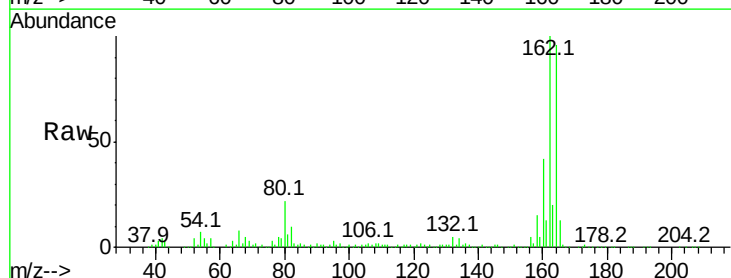
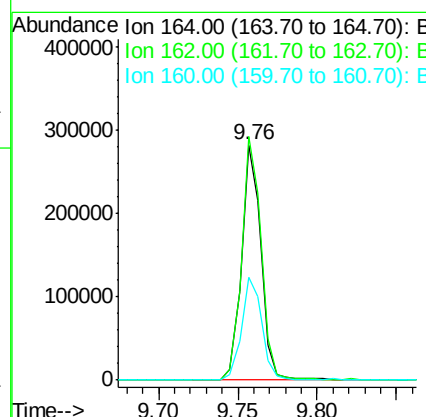
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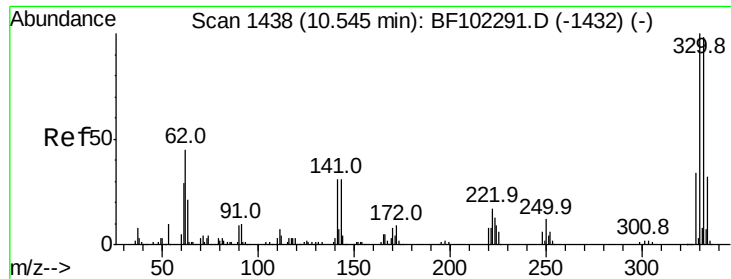
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 13.110 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

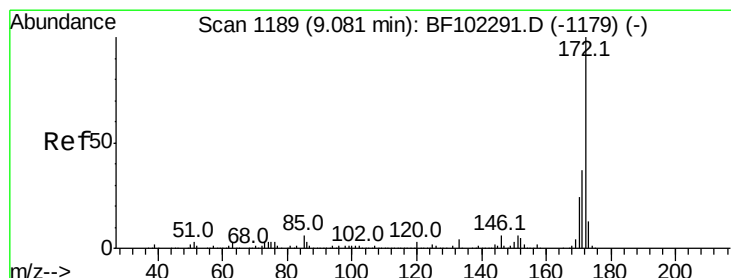
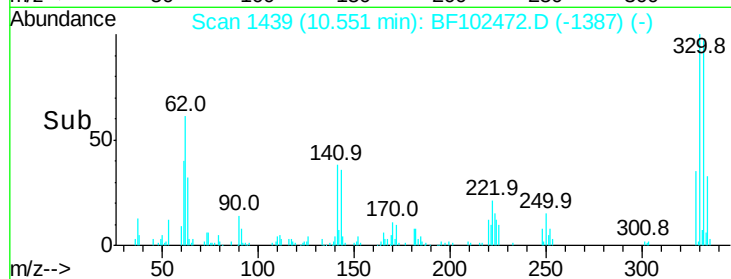
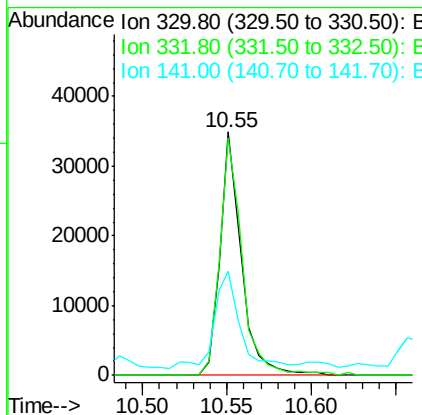
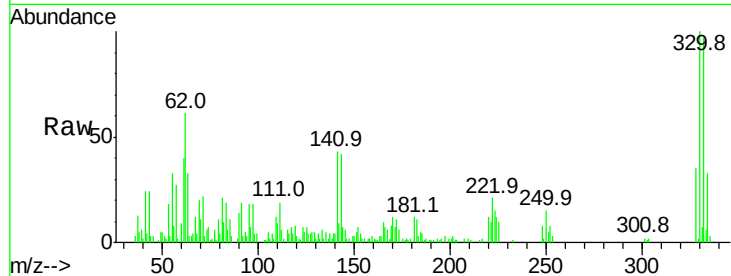
ClientSampleId :

PL-02-012418-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.7	77.0	115.6	
141	47.6	29.9	44.9	

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#44

2-Fluorobiphenyl

Concen: 17.296 ng

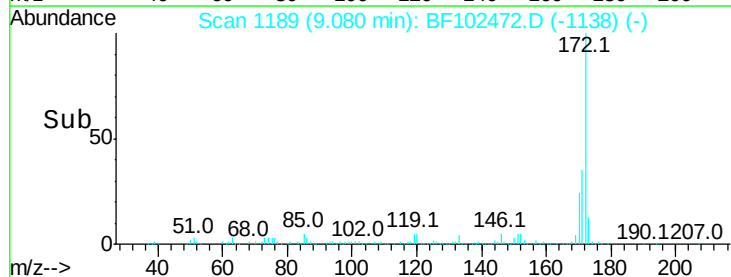
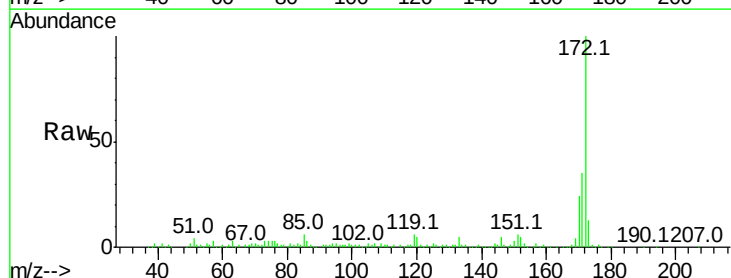
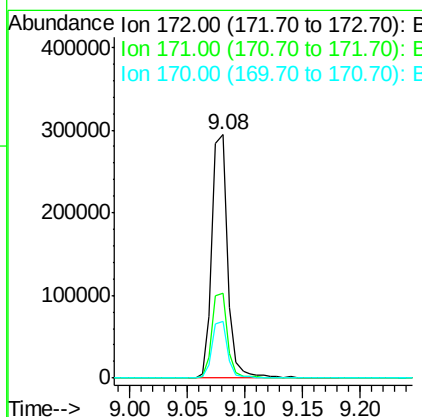
RT: 9.08 min Scan# 1189

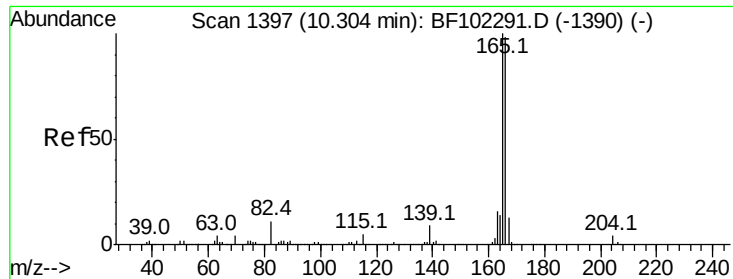
Delta R.T. -0.00 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.5	19.6	29.4	





#57

Fluorene

Concen: 2.255 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

ClientSampleId :

PL-02-012418-C

Tot Ion:166 Resp: 36480

Ion Ratio Lower Upper

166 100

165 104.1 79.8 119.8

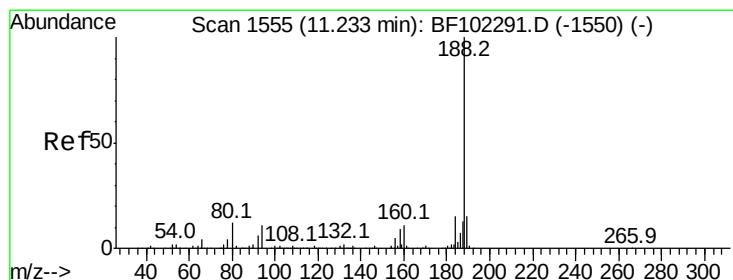
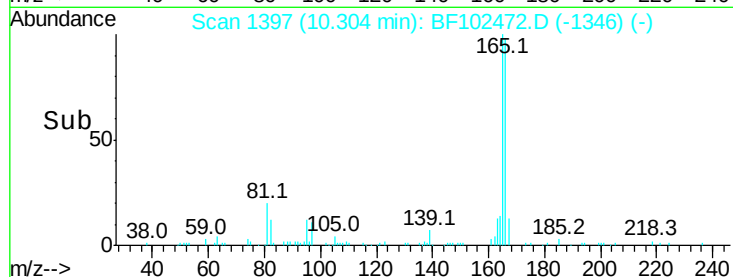
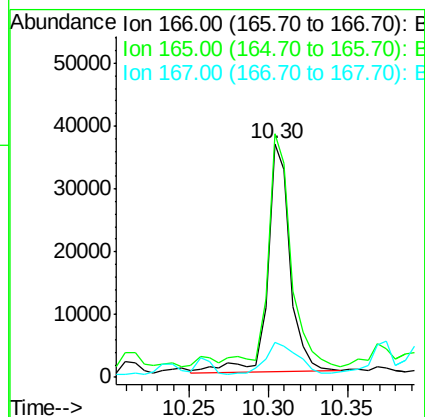
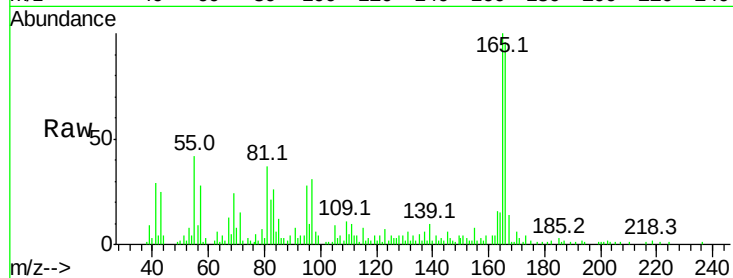
167 14.9 10.6 16.0

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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

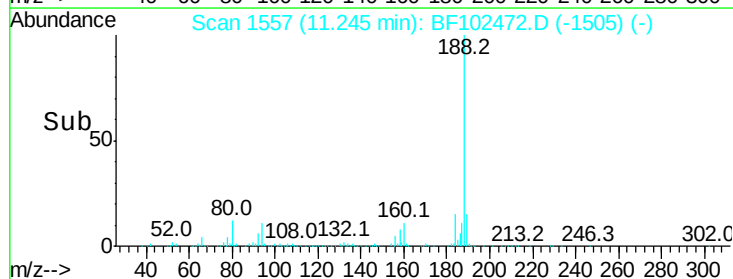
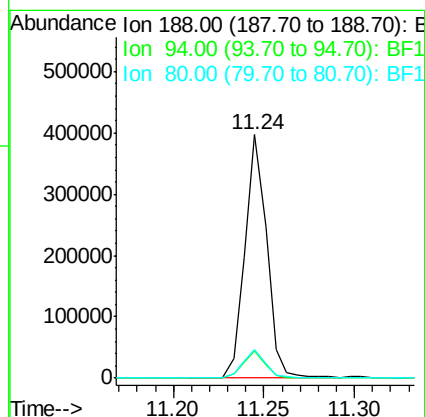
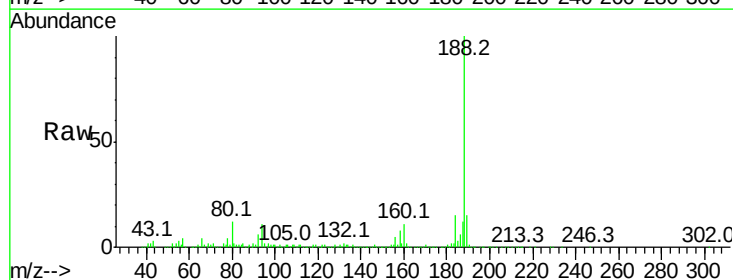
Tgt Ion:188 Resp: 332926

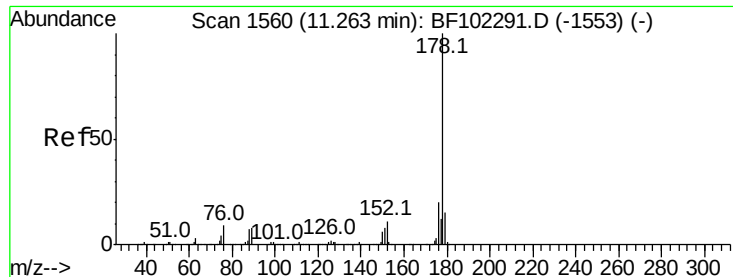
Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

80 11.9 9.2 13.8





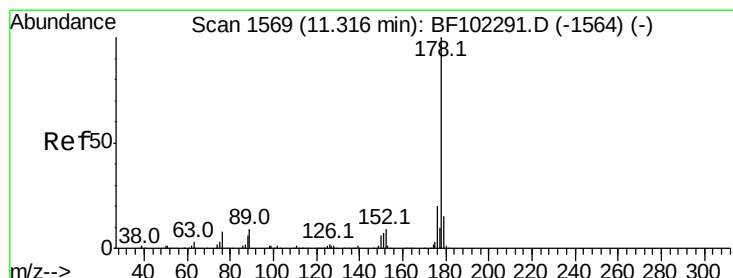
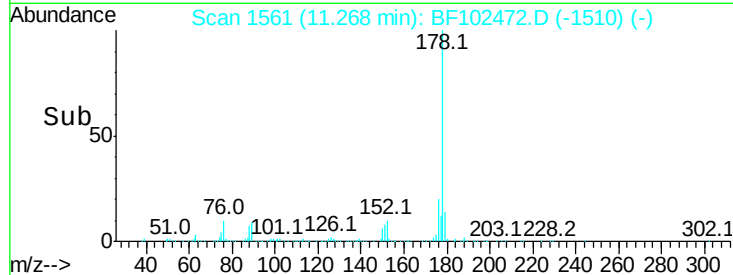
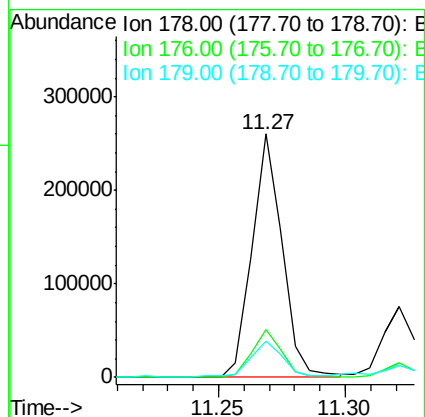
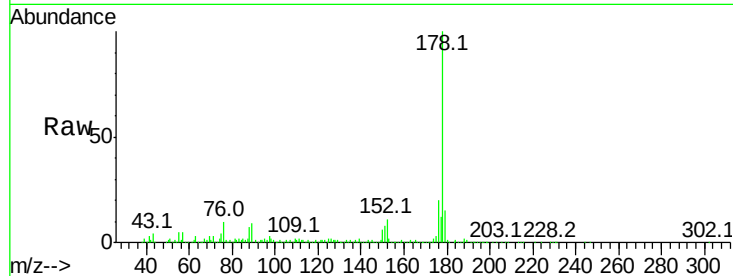
#70
 Phenanthrene
 Concen: 11.019 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102472.D
 Acq: 26 Jan 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-012418-C

Tot Ion:	178	Resp:	213765
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	15.0	13.0	19.6

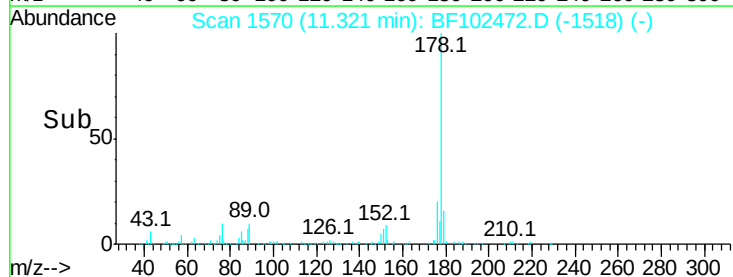
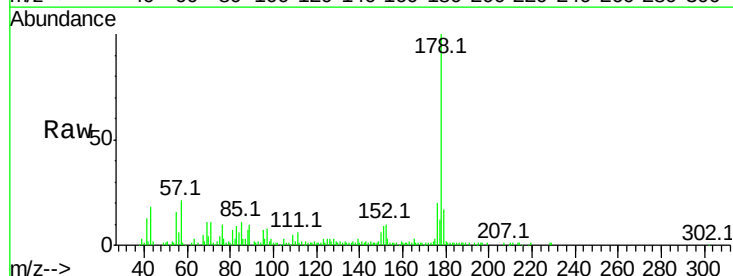
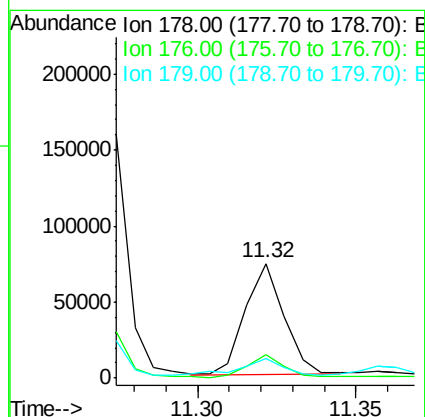
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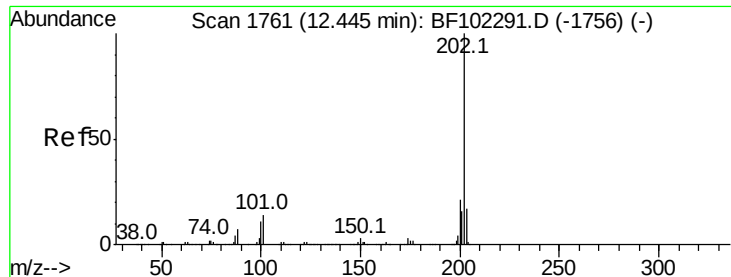
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#71
 Anthracene
 Concen: 3.142 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102472.D
 Acq: 26 Jan 2018 16:54

Tgt Ion:	178	Resp:	62218
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	17.1	12.6	19.0





#74

Fluoranthene

Concen: 13.895 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

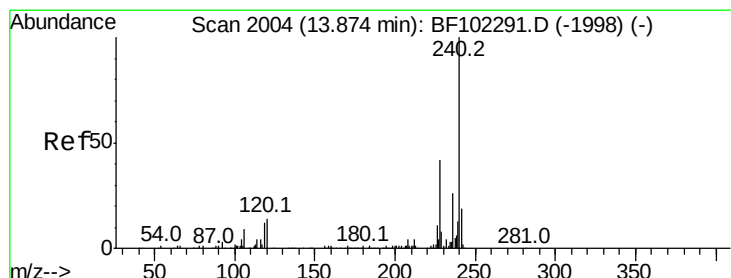
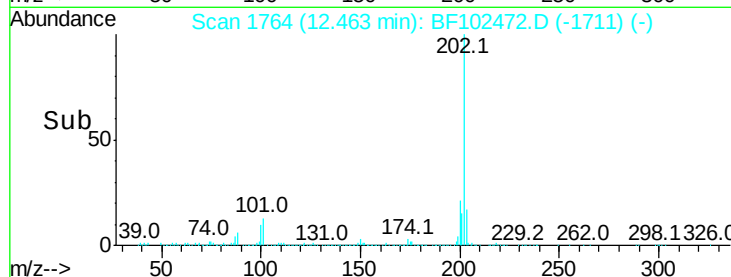
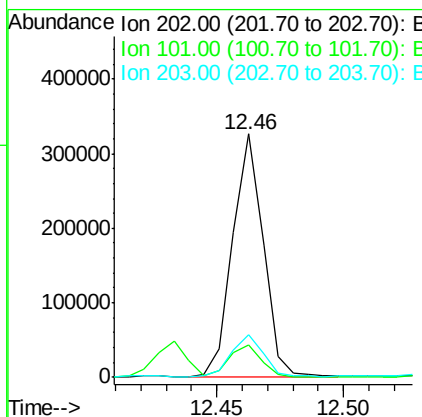
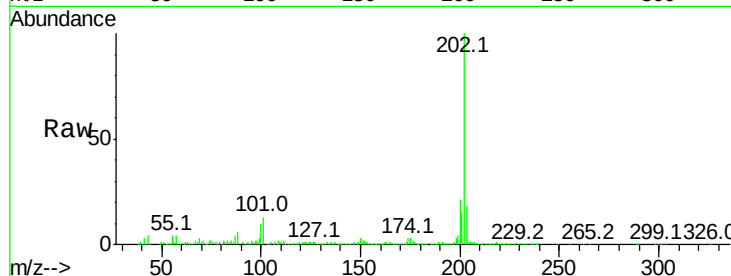
ClientSampleId :

PL-02-012418-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	274903		
101	13.4	0.0	34.1	
203	17.6	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

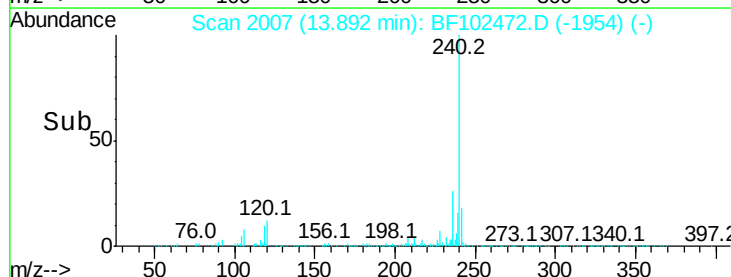
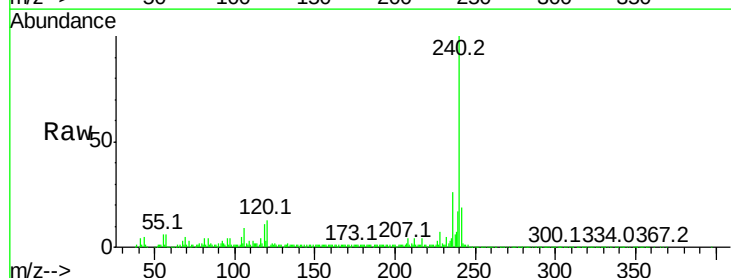
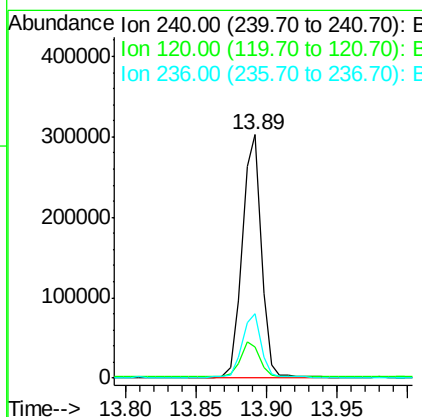
RT: 13.89 min Scan# 2007

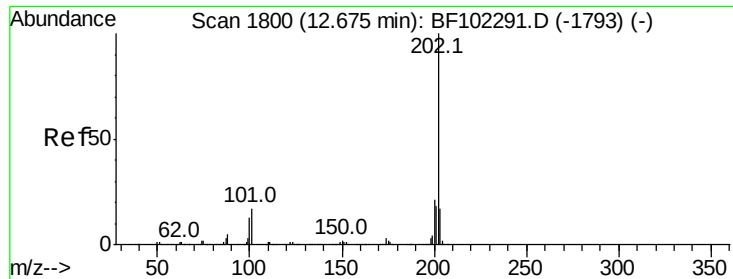
Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	285969		
120	12.7	9.5	14.3	
236	26.4	20.7	31.1	





#77

Pvrene

Concen: 12.649 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

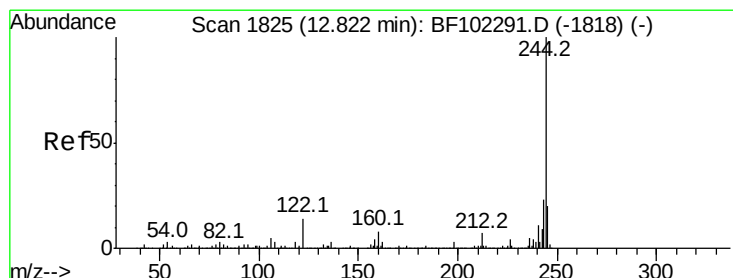
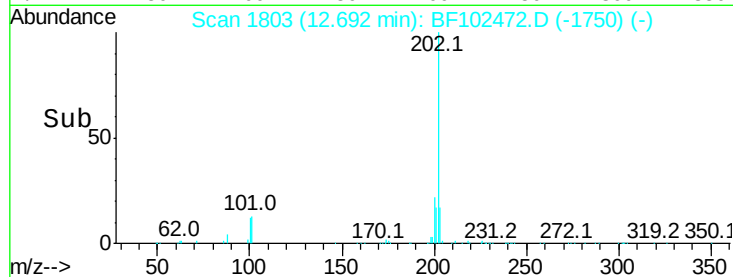
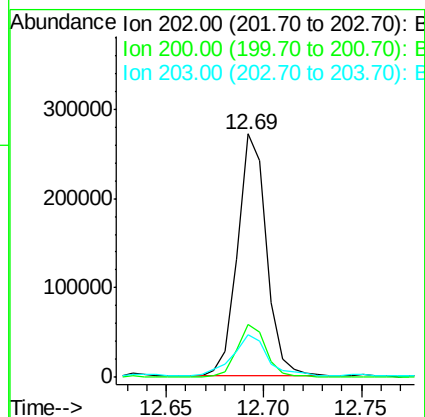
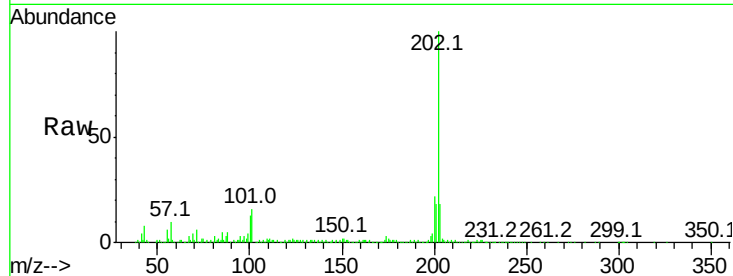
ClientSampleId :

PL-02-012418-C

Tot Ion:	202	Resp:	279668
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 14.861 ng

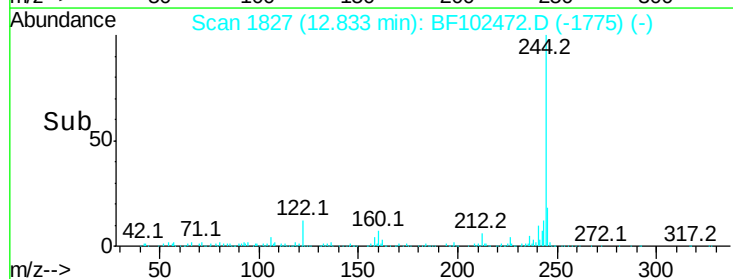
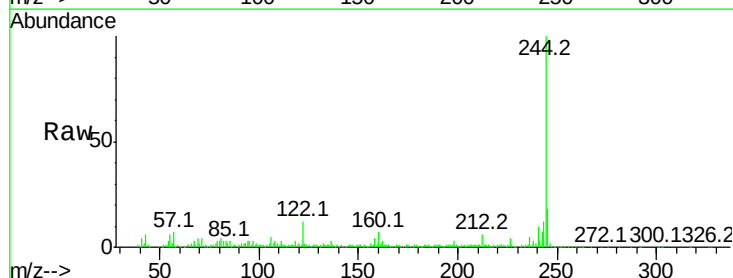
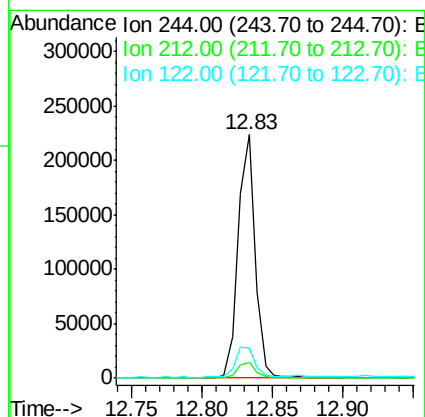
RT: 12.83 min Scan# 1827

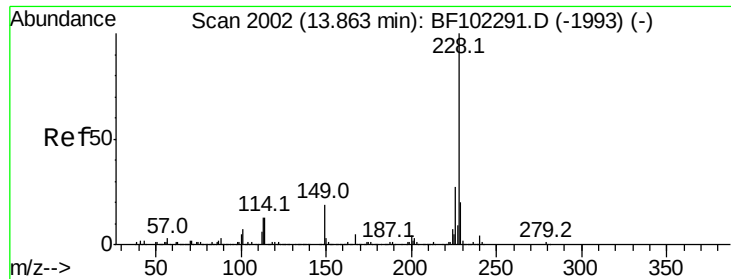
Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Tgt Ion:	244	Resp:	188518
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.3	11.0	16.4





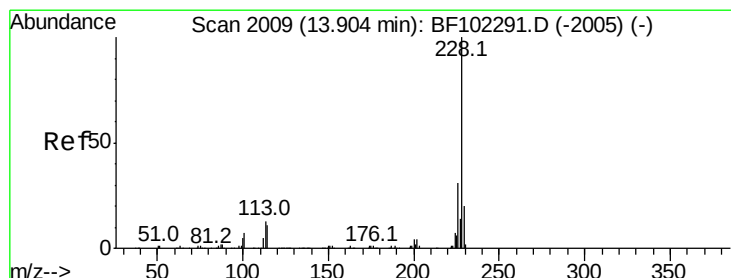
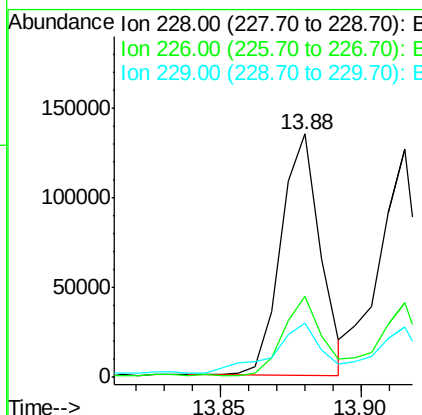
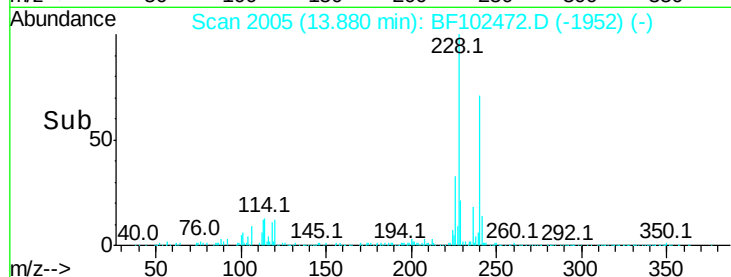
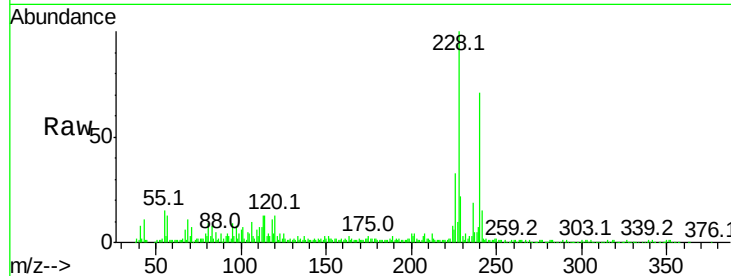
#80
Benzo(a)anthracene
Concen: 7.372 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Instrument :
BNA_F
ClientSampleId :
PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	22.2	15.8	23.6

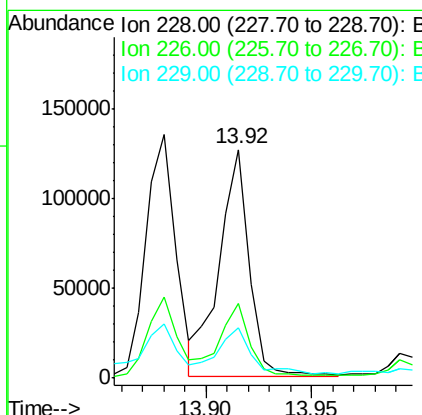
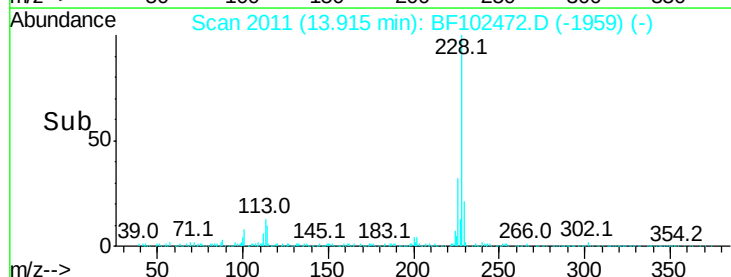
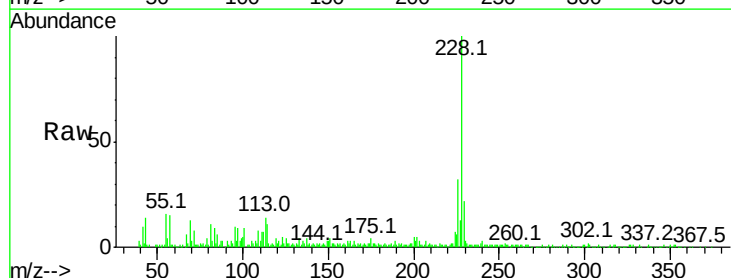
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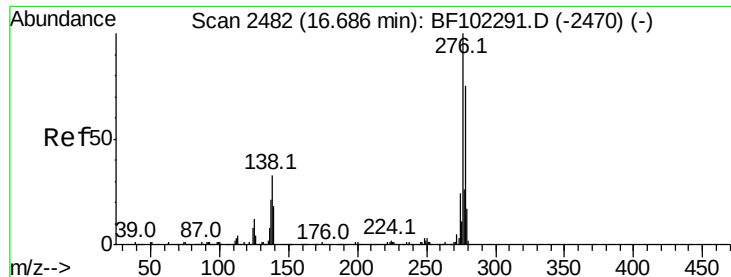
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#82
Chrysene
Concen: 6.913 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.7	16.2	24.4





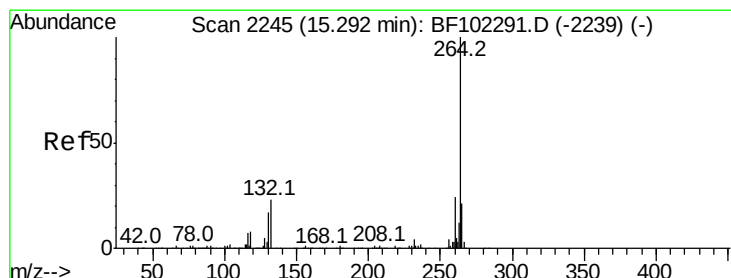
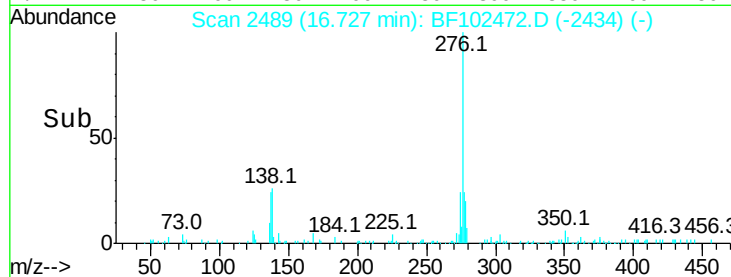
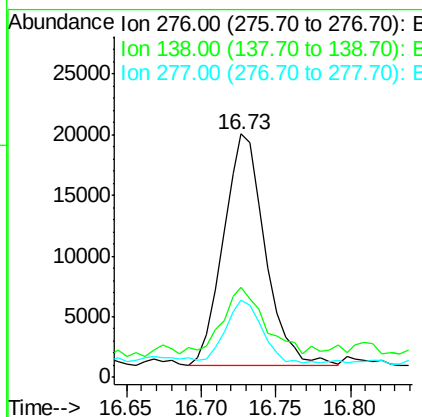
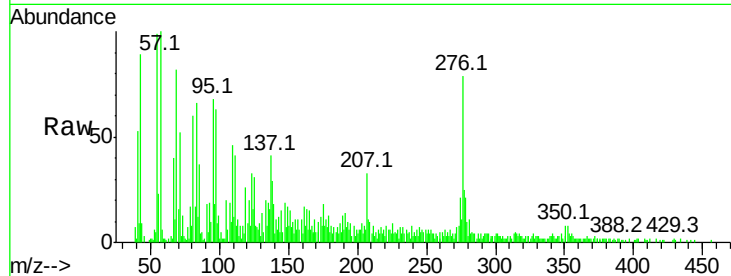
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.510 ng
 RT: 16.73 min Scan# 2489
 Delta R.T. 0.02 min
 Lab File: BF102472.D
 Acq: 26 Jan 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	23.5	20.1	30.1

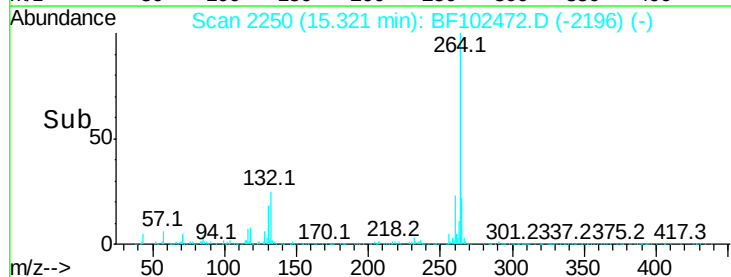
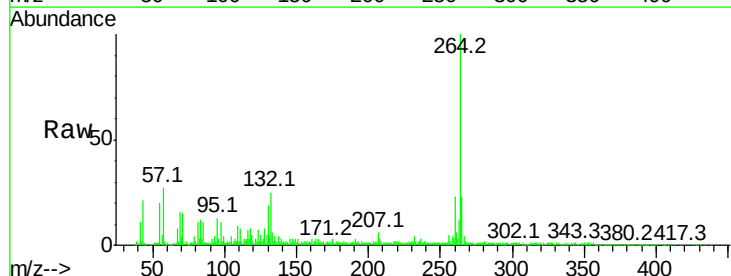
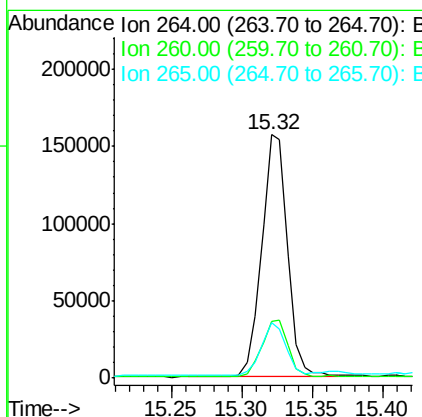
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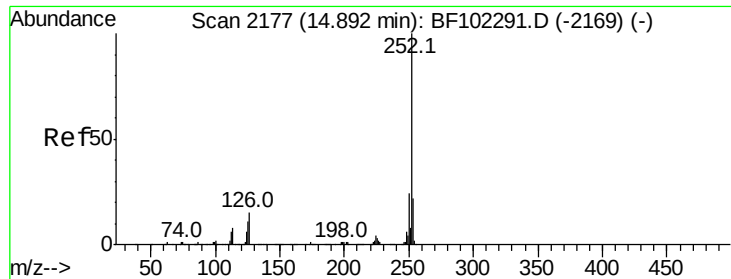
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.02 min
 Lab File: BF102472.D
 Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.384 ng m

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Instrument :

BNA_F

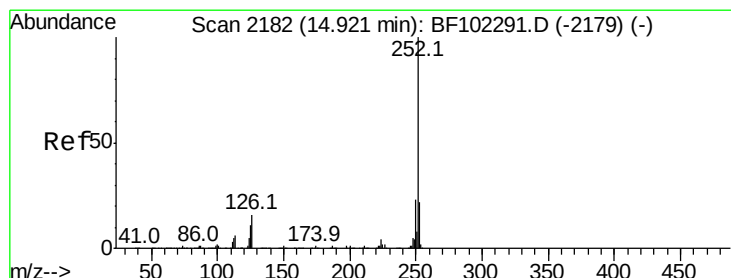
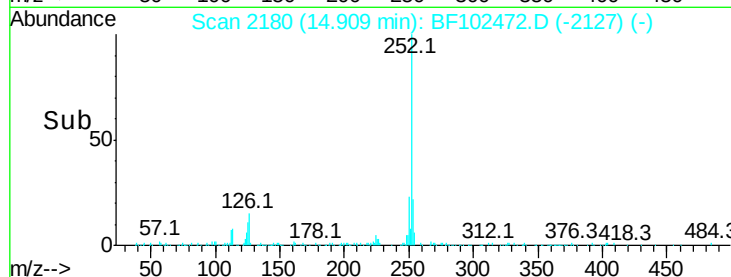
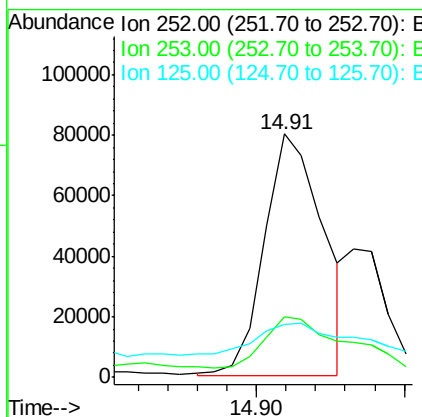
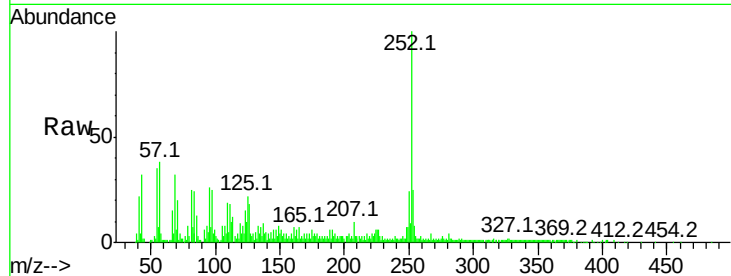
ClientSampleId :

PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	21.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 3.390 ng m

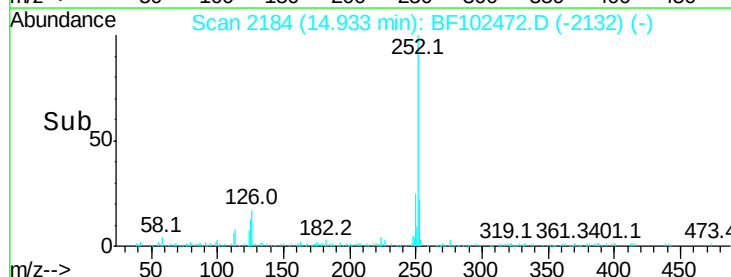
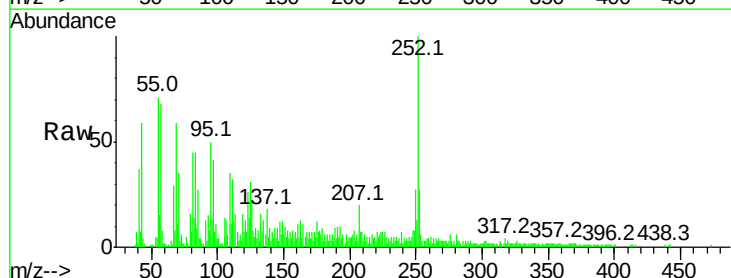
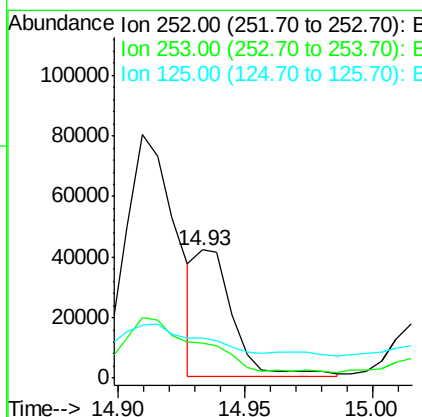
RT: 14.93 min Scan# 2184

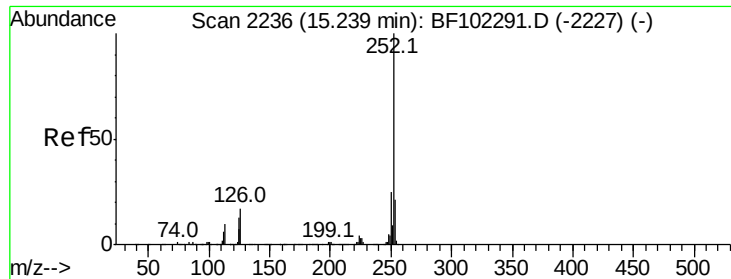
Delta R.T. 0.01 min

Lab File: BF102472.D

Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9
125	31.1	10.2	15.2





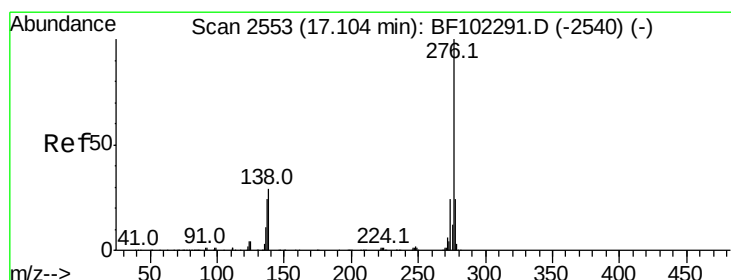
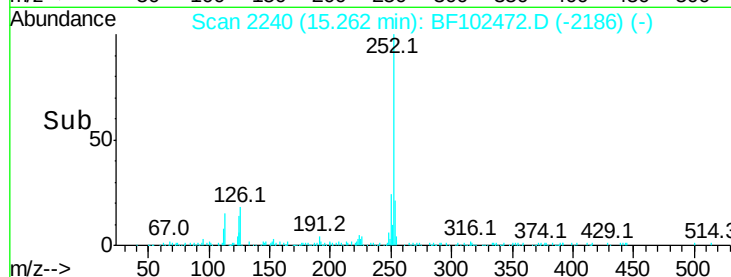
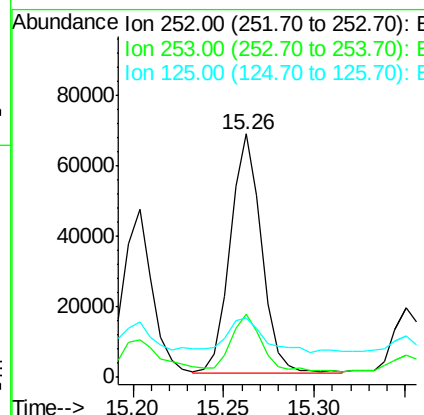
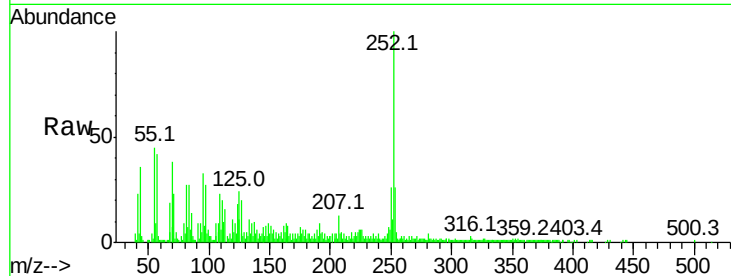
#89
Benzo(a)pyrene
Concen: 6.852 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Instrument :
BNA_F
ClientSampleId :
PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	24.5	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 3.853 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.03 min
Lab File: BF102472.D
Acq: 26 Jan 2018 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	42.1	21.8	32.8#

