

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111389.D
 Acq On : 14 Dec 2018 00:10
 Operator : JU/SJ
 Sample : J6208-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Sohil
 12/14/2018 12:53:46 PM

Quant Time: Dec 14 00:44:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	263073	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1103951	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	437728	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	621203	20.00	ng	0.00
76) Chrysene-d12	13.95	240	439912	20.00	ng	0.00
87) Perylene-d12	15.39	264	336679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2055966	132.16	ng	0.02
7) Phenol-d6	6.45	99	2569887	122.52	ng	0.02
23) Nitrobenzene-d5	7.36	82	1561095	79.70	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	405472	105.08	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2124328	77.92	ng	0.00
79) Terphenyl-d14	12.90	244	1392239	69.66	ng	0.00
Target Compounds						
10) Phenol	6.46	94	189292	7.967	ng	97
50) Dimethylphthalate	9.55	163	300063	9.533	ng	97
71) Phenanthrene	11.33	178	132907	4.139	ng	94
75) Fluoranthene	12.52	202	305848	9.757	ng	98
78) Pyrene	12.75	202	272692	8.032	ng	96
81) Benzo(a)anthracene	13.94	228	112238	4.560	ng	98
83) Chrysene	13.97	228	113531	4.521	ng	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	46798	2.383	ng	93
88) Benzo(b)fluoranthene	14.97	252	129781m	6.779	ng	
90) Benzo(a)pyrene	15.32	252	78049	4.378	ng	96
92) Benzo(g,h,i)perylene	17.22	276	47757	3.221	ng	93

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

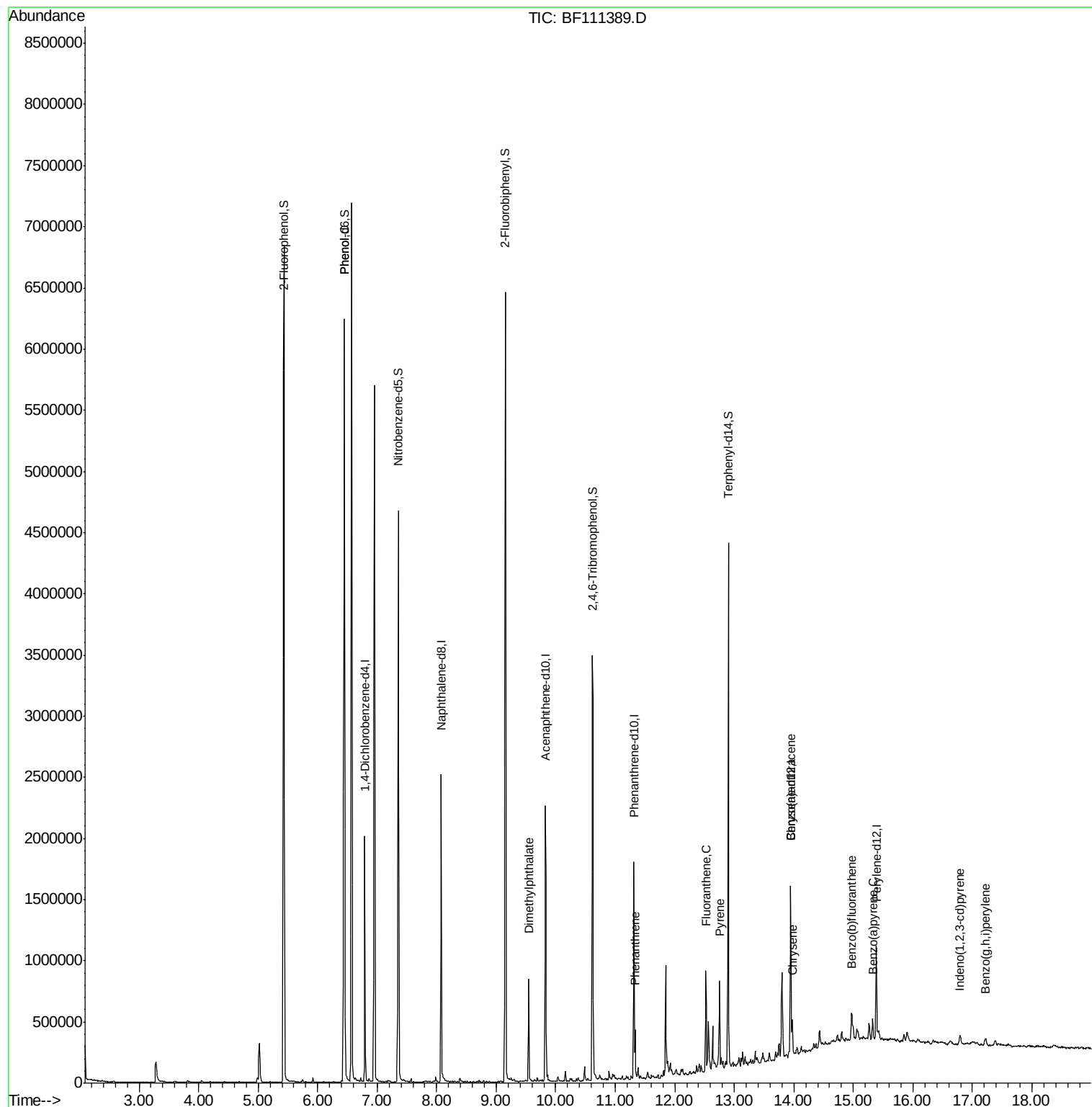
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

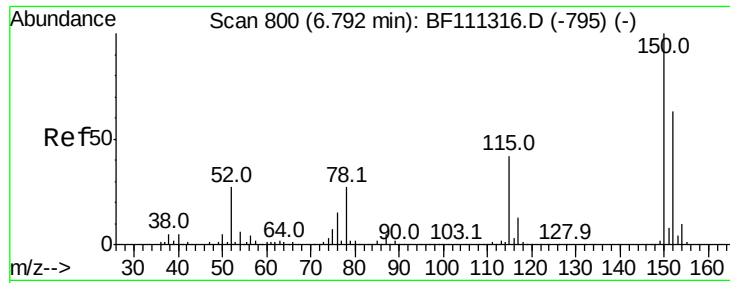
Instrument :
BNA_F
ClientSampleId :
TP-1

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Quant Time: Dec 14 00:44:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

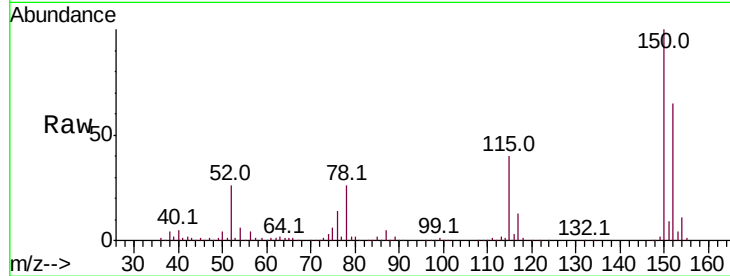
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	62.1	50.7	76.1

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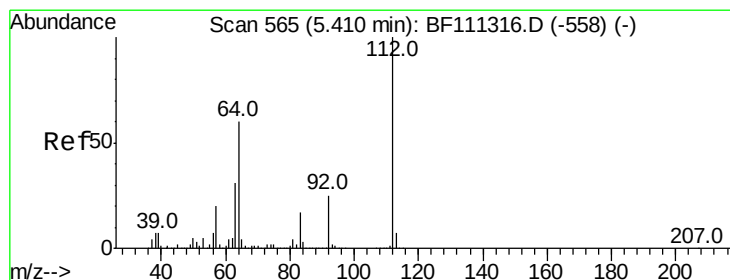
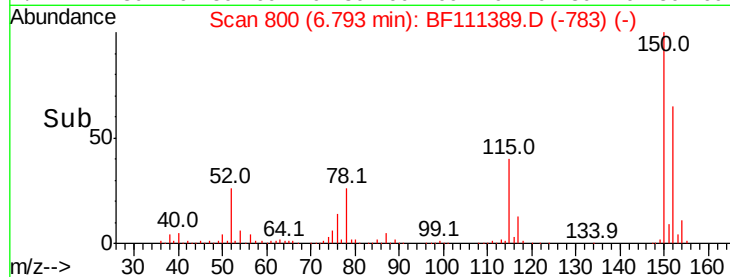
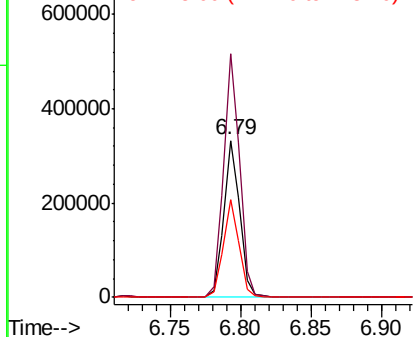


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

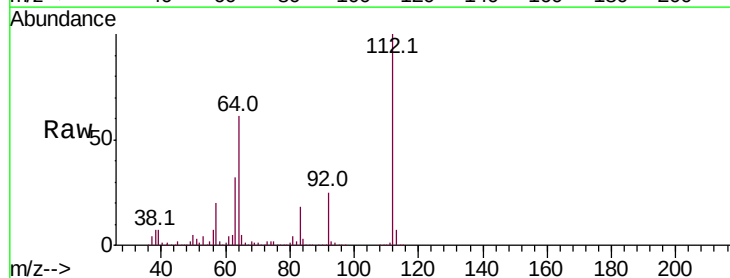
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.157 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.8	77.6
63	32.2	26.8	40.2

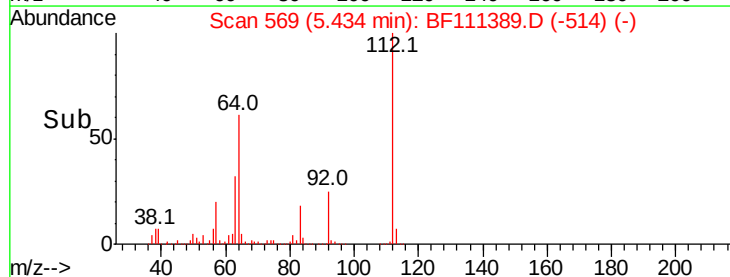
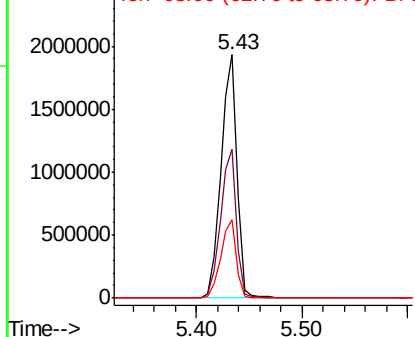


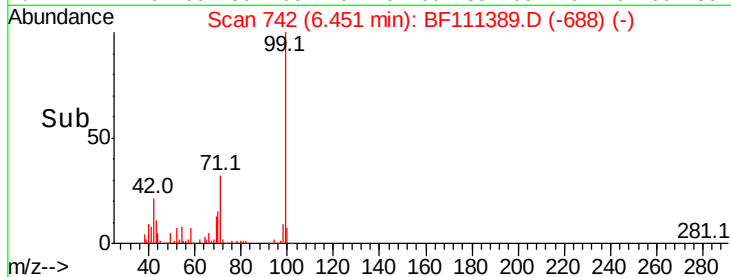
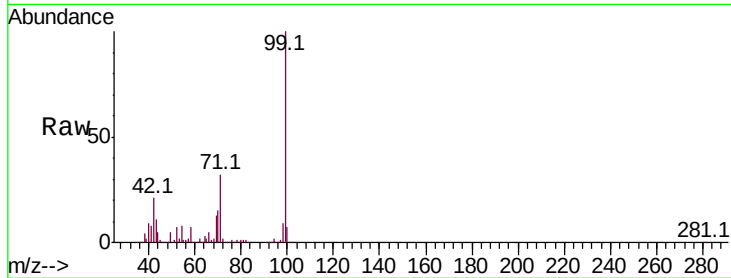
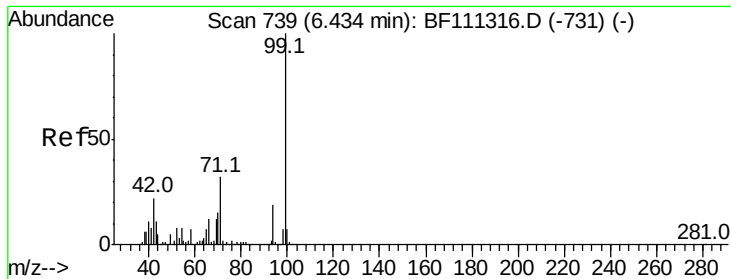
Abundance

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: 122.522 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Tot Ion:	99	Resp:	2569887
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.4	26.0
71	31.8	26.1	39.1

Instrument :

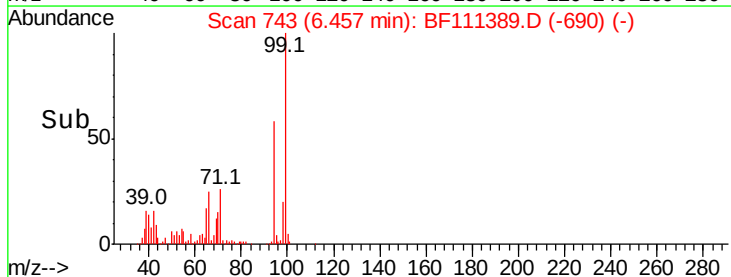
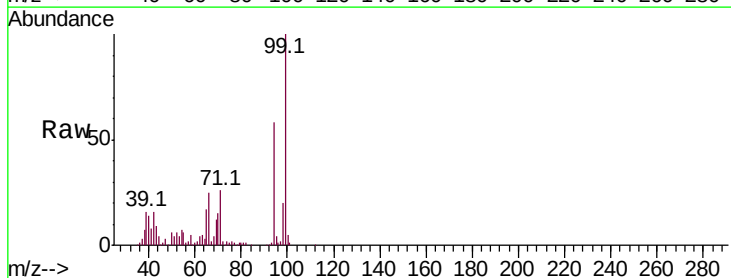
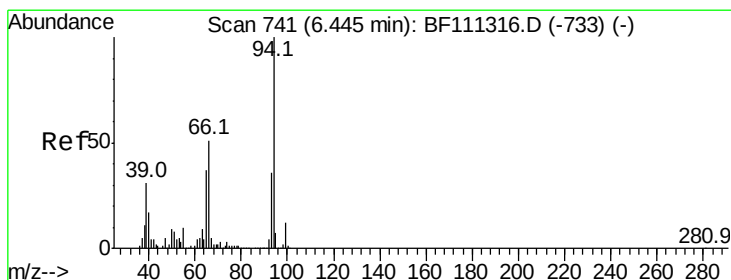
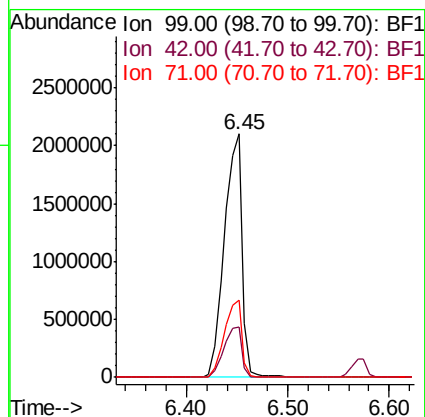
BNA_F

ClientSampleId :

TP-1

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#10

Phenol

Concen: 7.967 ng

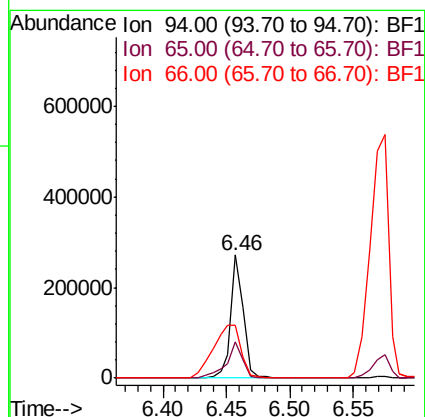
RT: 6.46 min Scan# 743

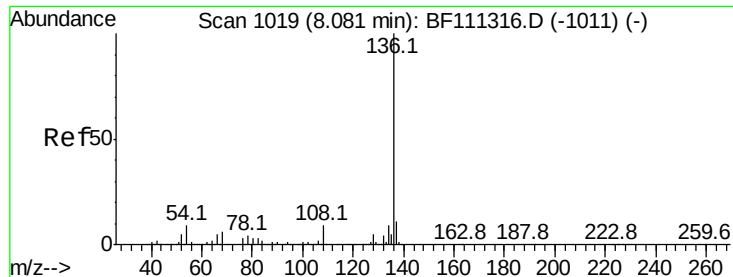
Delta R.T. 0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Tgt Ion:	94	Resp:	189292
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.7	51.7
66	43.0	21.0	61.0





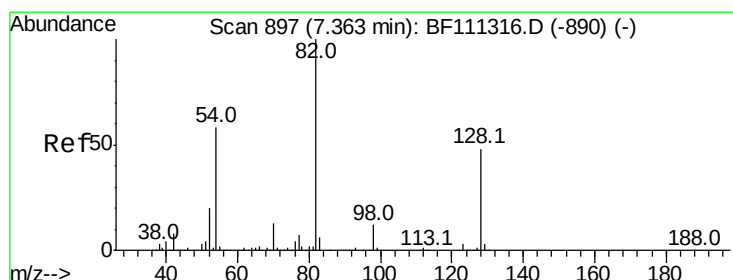
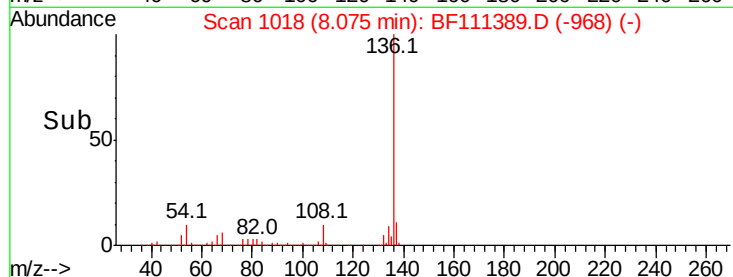
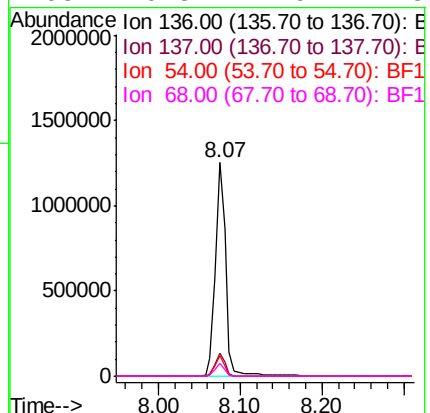
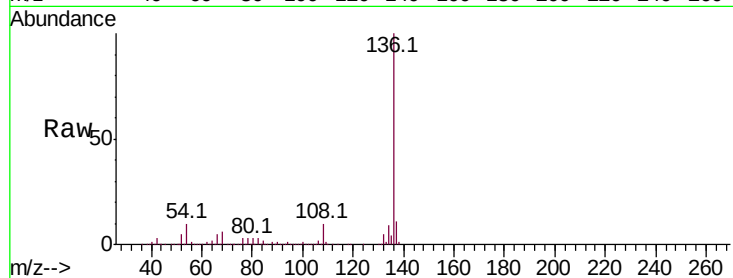
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1103951		
137	10.9		9.1	13.7
54	9.5		7.7	11.5
68	6.3		4.9	7.3

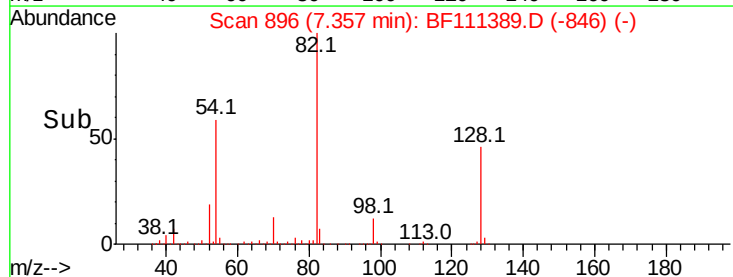
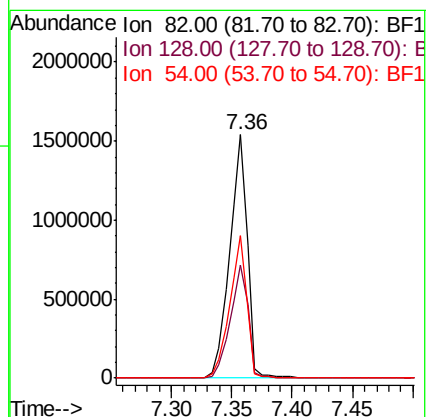
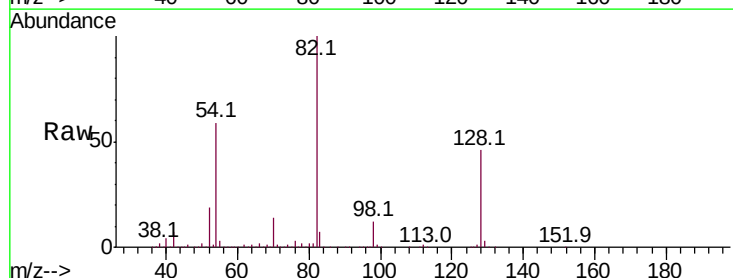
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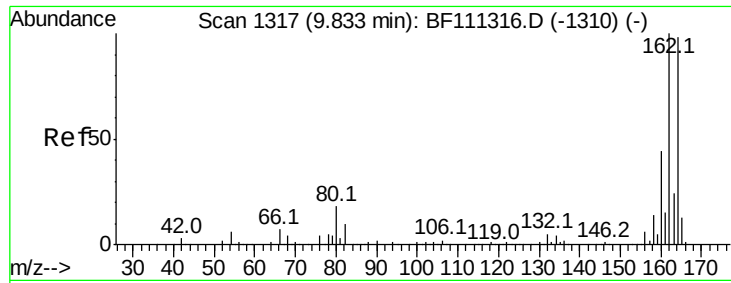
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#23
Nitrobenzene-d5
Concen: 79.703 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1561095		
128	46.4		37.4	56.2
54	58.5		47.6	71.4





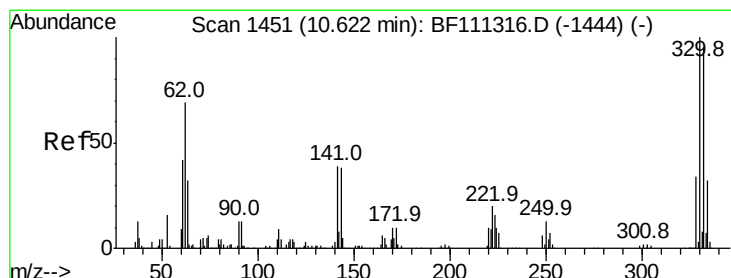
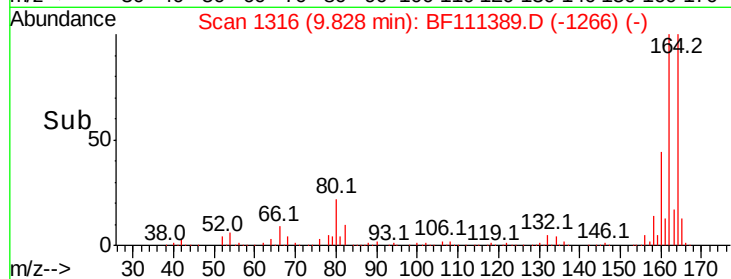
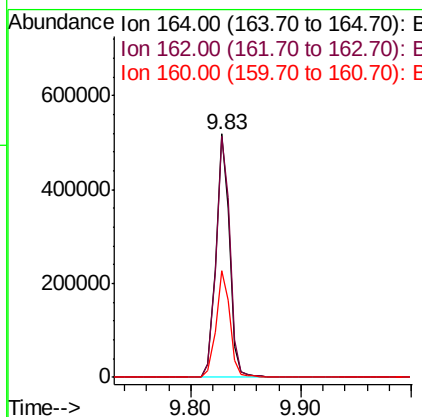
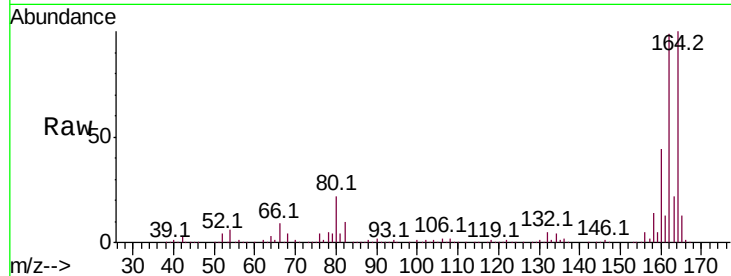
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	437728		
162	99.2	81.4	122.0	
160	43.9	35.7	53.5	

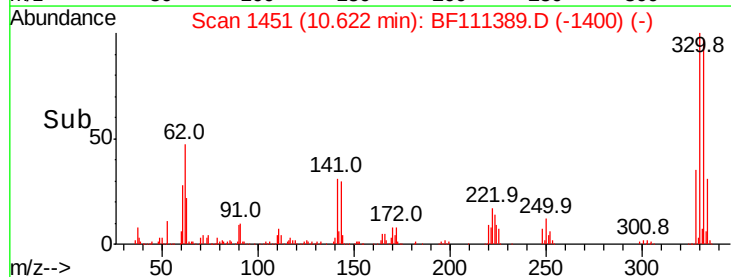
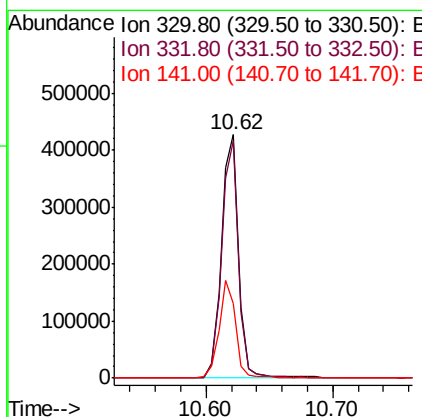
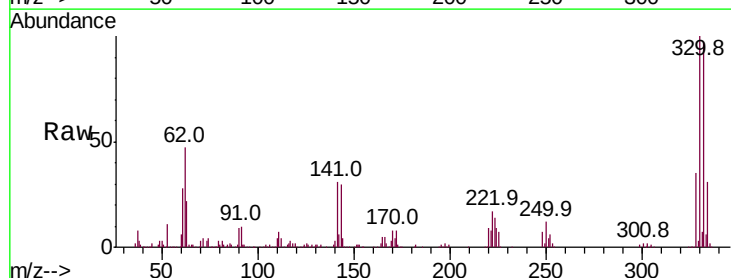
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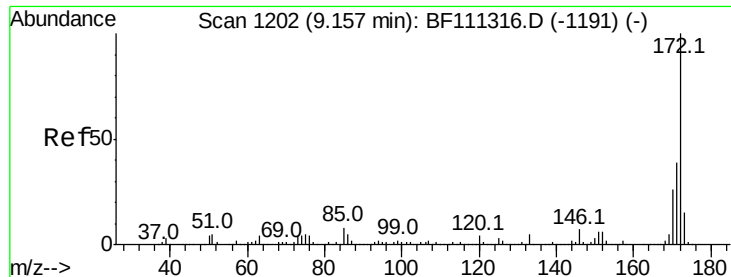
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#42
2,4,6-Tribromophenol
Concen: 105.082 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	405472		
332	96.2	76.0	114.0	
141	38.5	31.0	46.6	





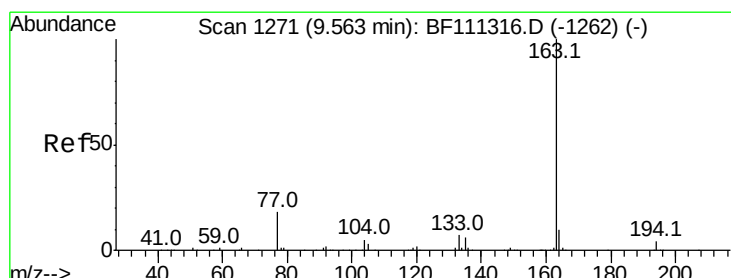
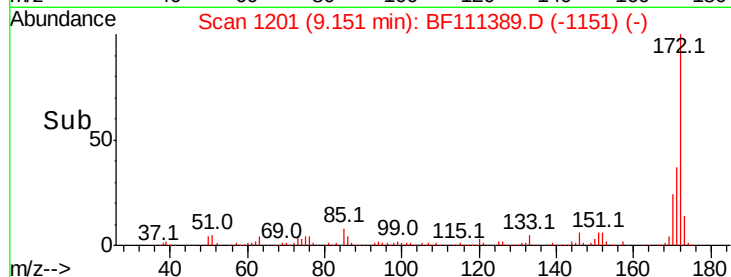
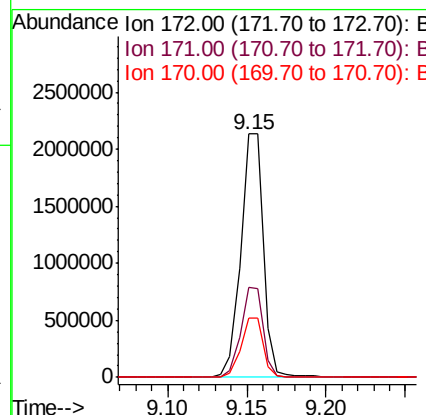
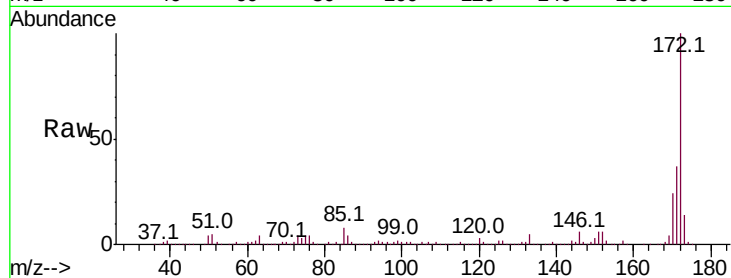
#45
2-Fluorobiphenyl
Concen: 77.916 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.2	22.3	33.5

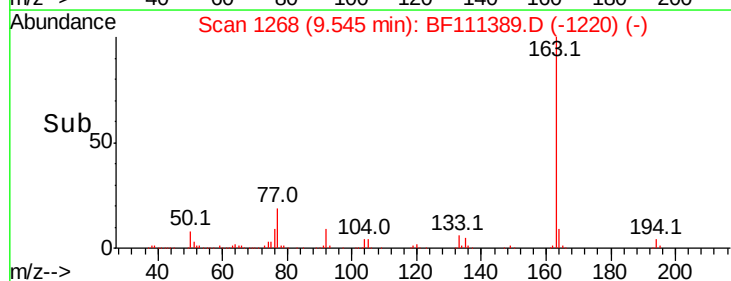
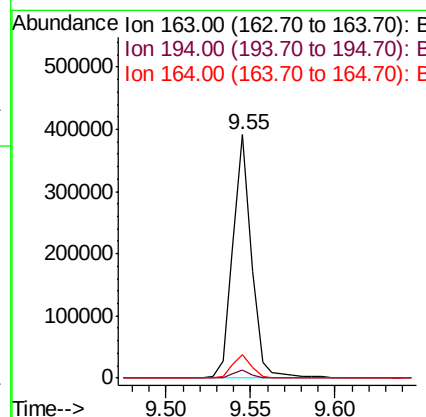
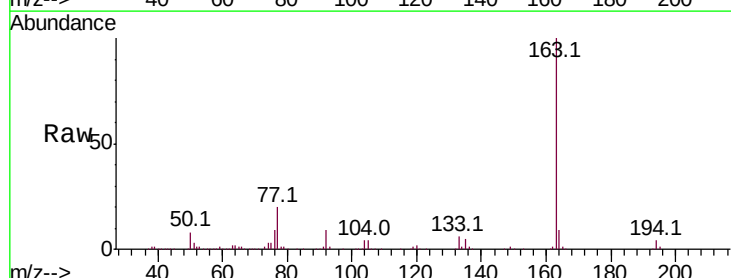
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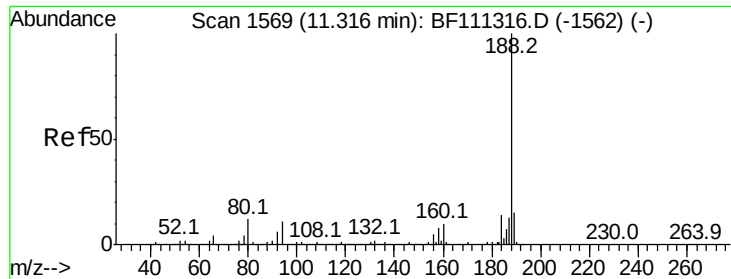
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#50
Dimethylphthalate
Concen: 9.533 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.5	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Instrument :

BNA_F

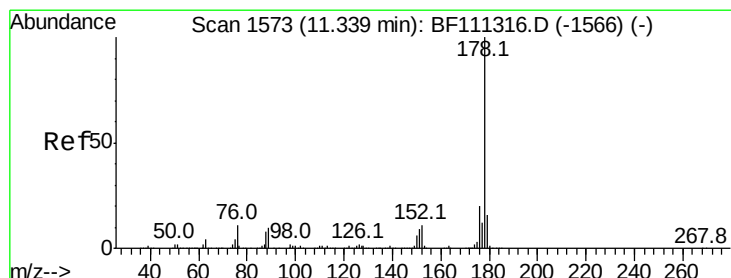
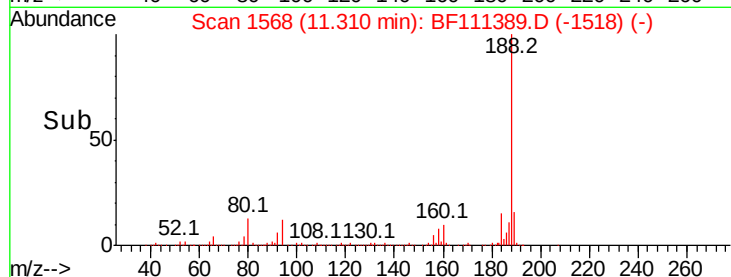
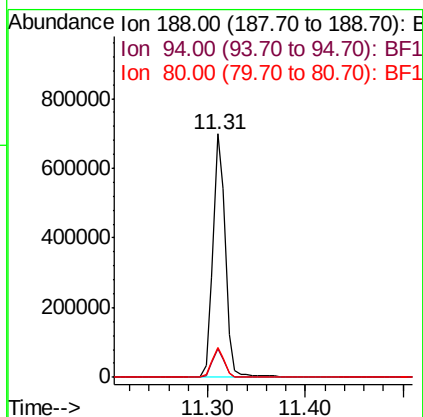
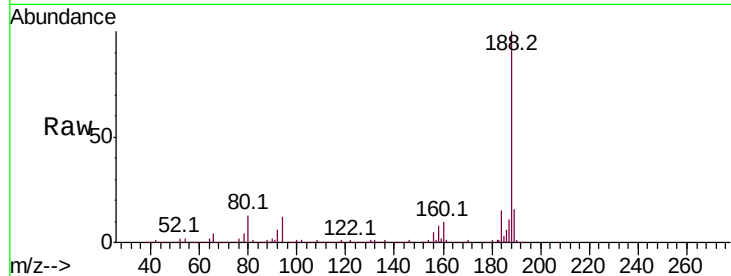
ClientSampled :

TP-1

Tot Ion:	188	Resp:	621203
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.6	14.4
80	12.5	9.8	14.6

Manual Integrations
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#71

Phenanthrene

Concen: 4.139 ng

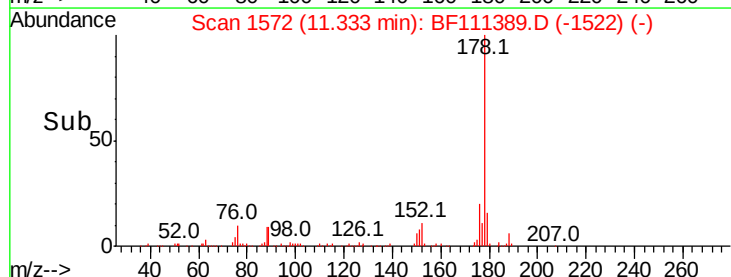
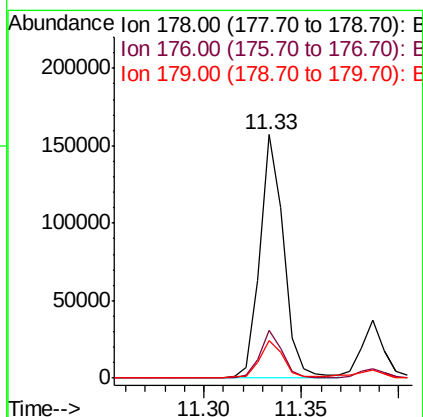
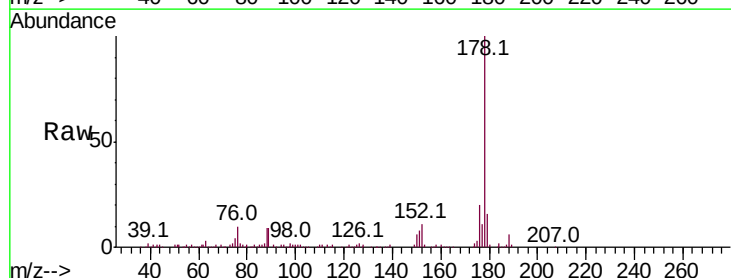
RT: 11.33 min Scan# 1572

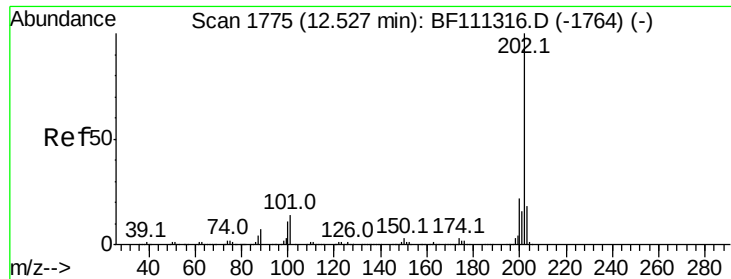
Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Tgt Ion:	178	Resp:	132907
Ion Ratio	Lower	Upper	
178	100		
176	19.5	18.1	27.1
179	15.5	14.0	21.0





#75

Fluoranthene

Concen: 9.757 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Instrument :

BNA_F

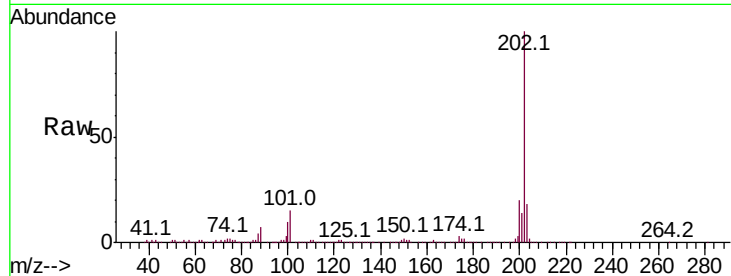
ClientSampled :

TP-1

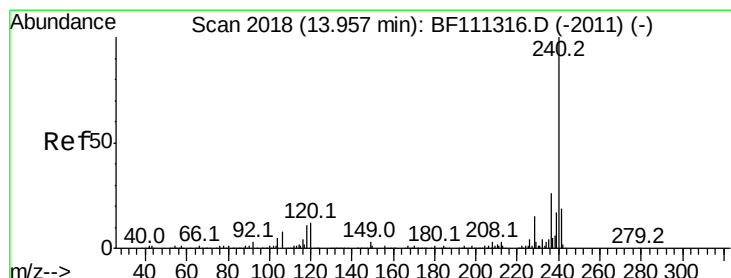
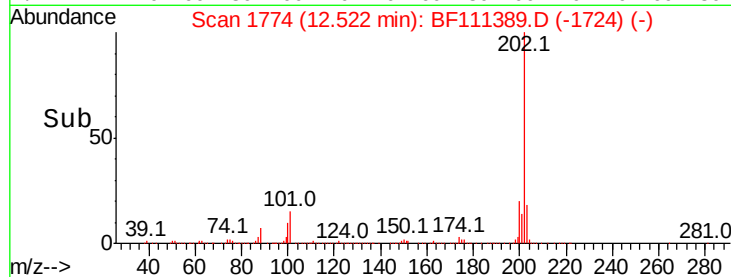
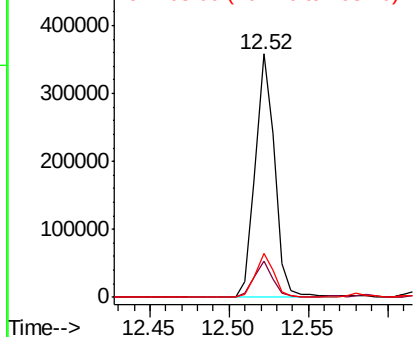
Tot Ion:	202	Resp:	305848
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.8
203	17.9	0.0	38.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

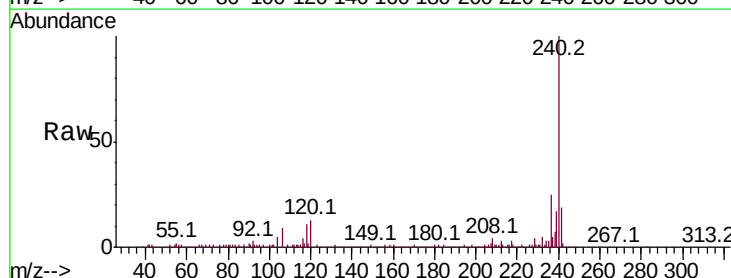
RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

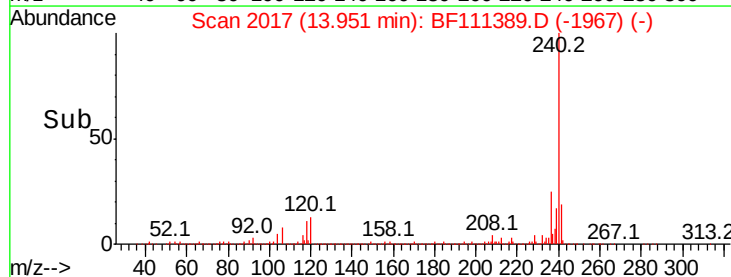
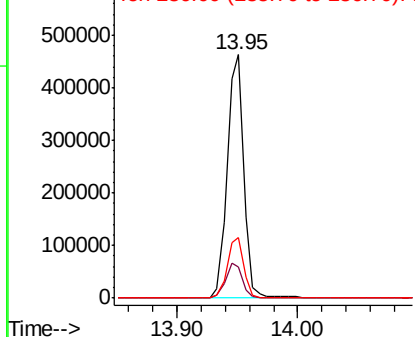
Lab File: BF111389.D

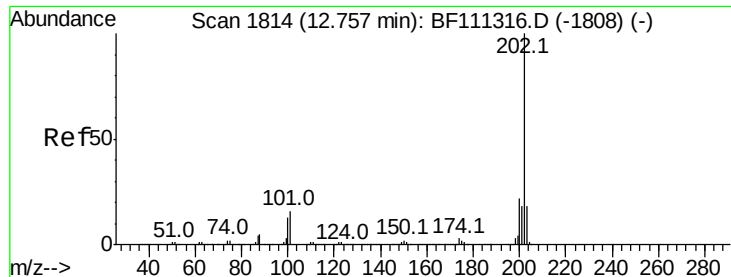
Acq: 14 Dec 2018 00:10

Tgt Ion:	240	Resp:	439912
Ion Ratio	Lower	Upper	
240	100		
120	12.7	12.2	18.2
236	24.9	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 8.032 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Instrument :

BNA_F

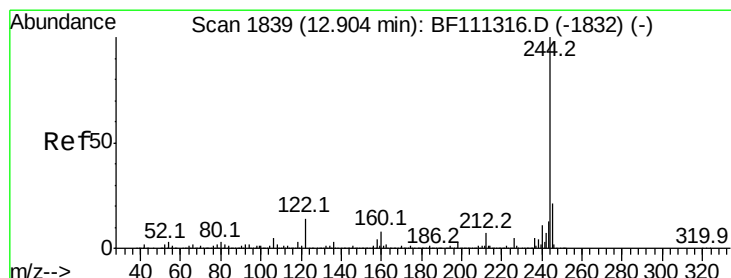
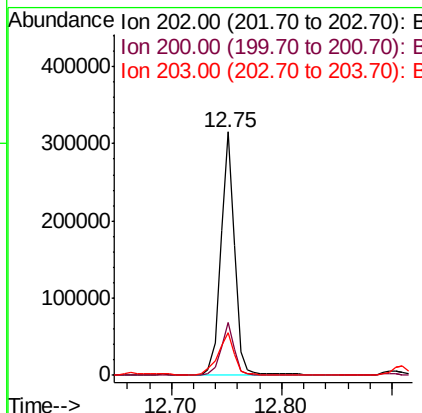
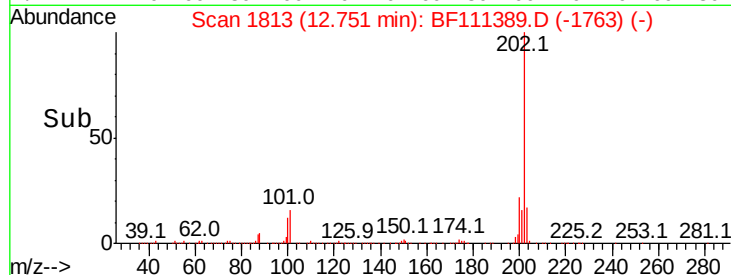
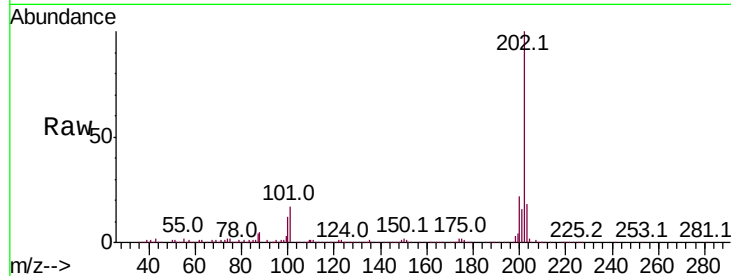
ClientSampleId :

TP-1

Tot Ion:	202	Resp:	272692
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.4
203	17.7	15.2	22.8

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#79

Terphenyl-d14

Concen: 69.656 ng

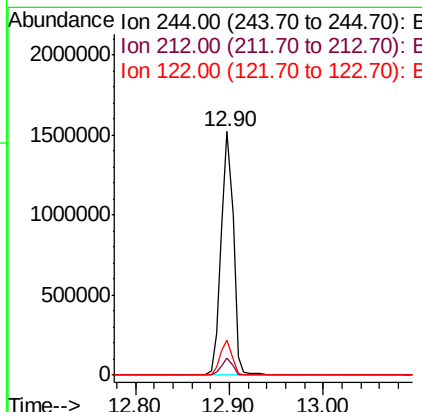
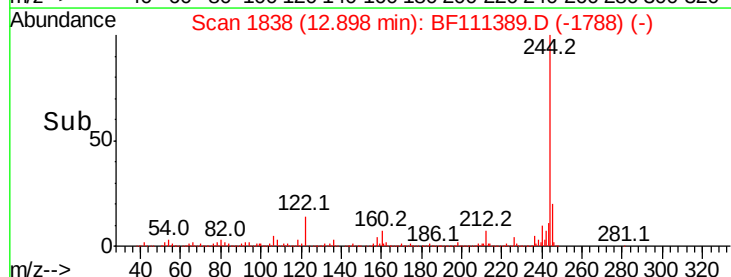
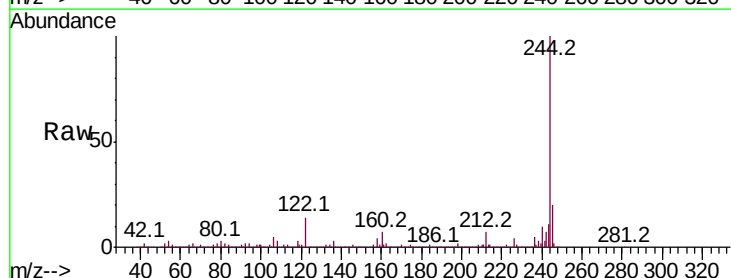
RT: 12.90 min Scan# 1838

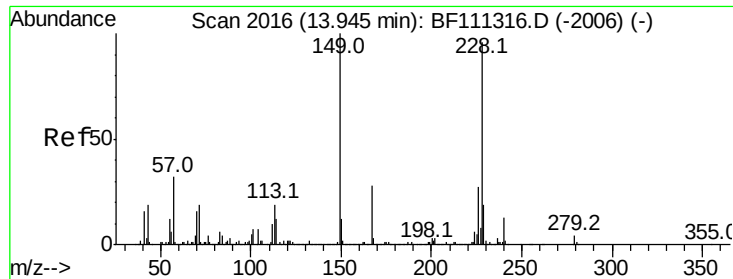
Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Tgt Ion:	244	Resp:	1392239
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	14.3	13.1	19.7





#81

Benzo(a)anthracene

Concen: 4.560 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Instrument :

BNA_F

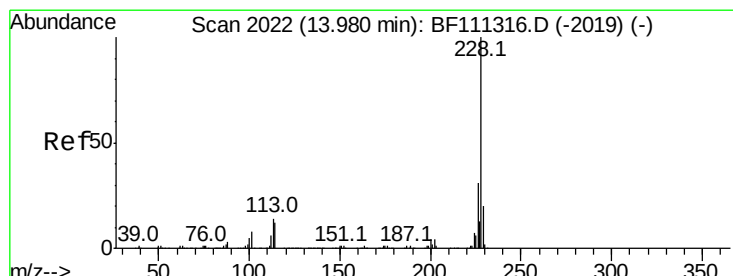
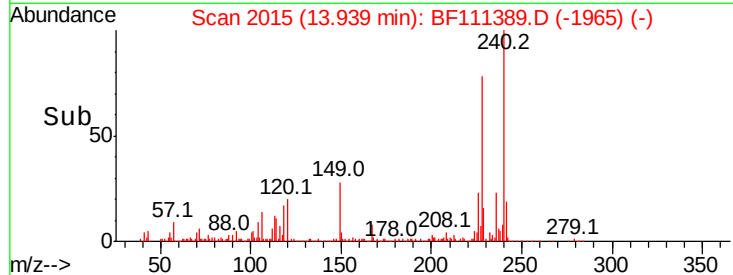
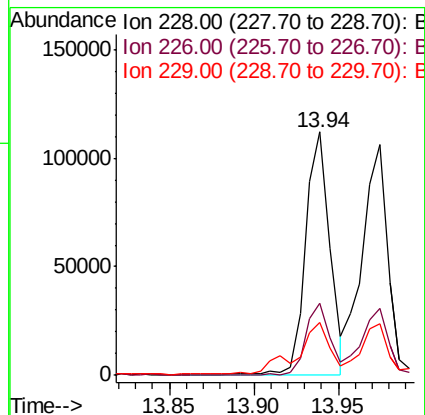
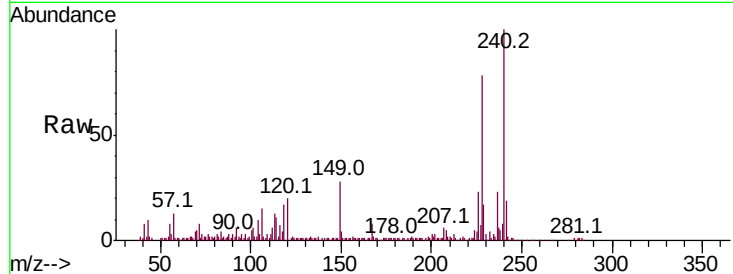
ClientSampled :

TP-1

Tot Ion:	228	Resp:	112238
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.6	34.0
229	21.6	16.3	24.5

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#83

Chrysene

Concen: 4.521 ng

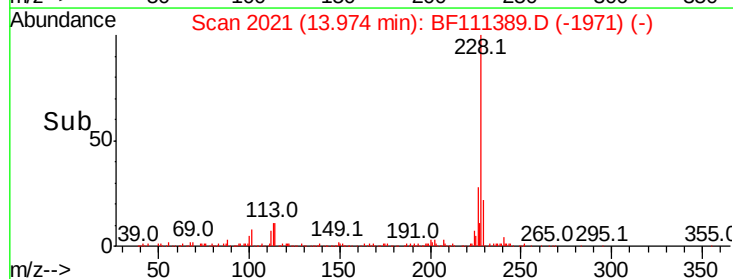
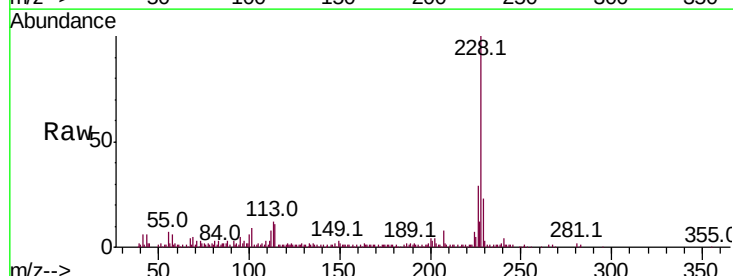
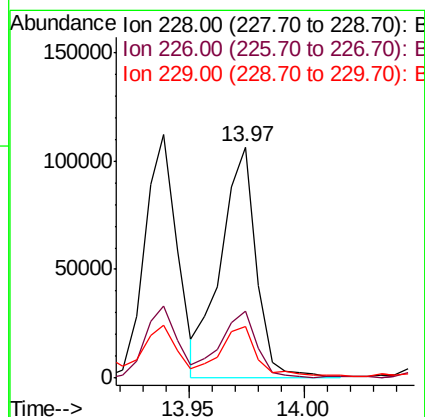
RT: 13.97 min Scan# 2021

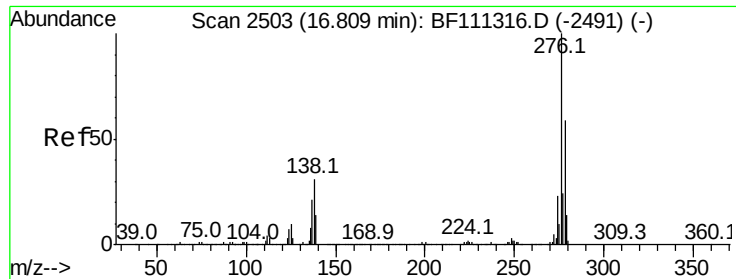
Delta R.T. -0.01 min

Lab File: BF111389.D

Acq: 14 Dec 2018 00:10

Tgt Ion:	228	Resp:	113531
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.3	37.9
229	22.6	17.2	25.8





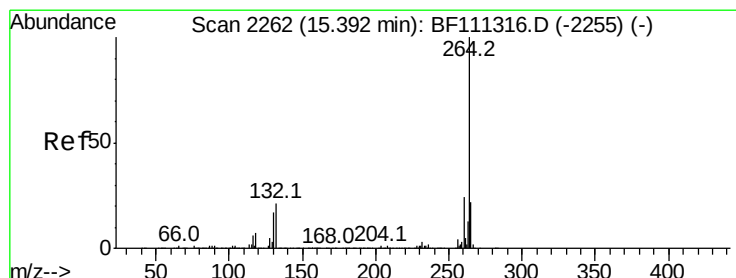
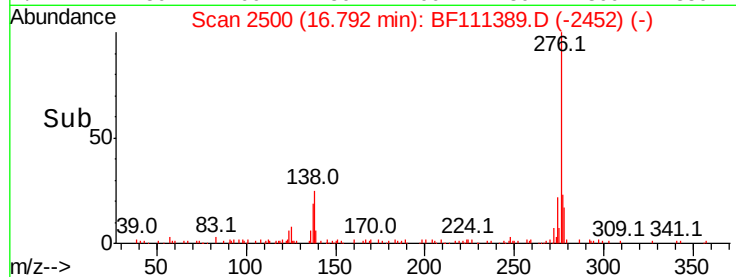
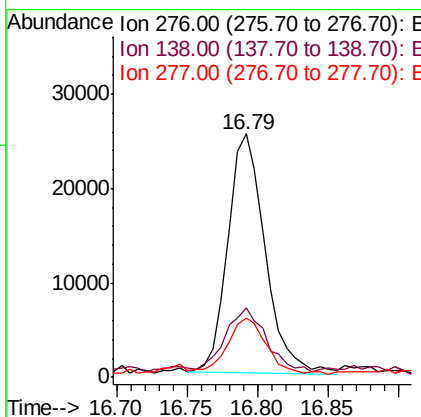
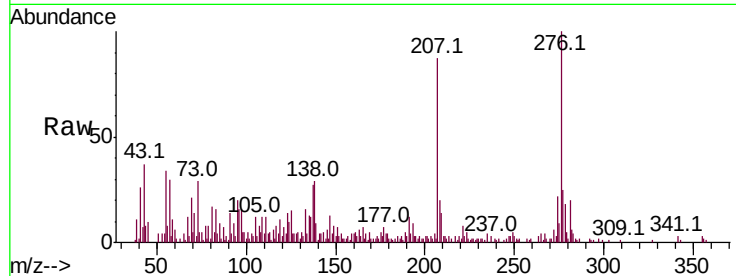
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.383 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BF111389.D
 Acq: 14 Dec 2018 00:10

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion:	276	Resp:	46798
Ion Ratio	Lower	Upper	
276	100		
138	28.8	27.8	41.6
277	23.4	20.1	30.1

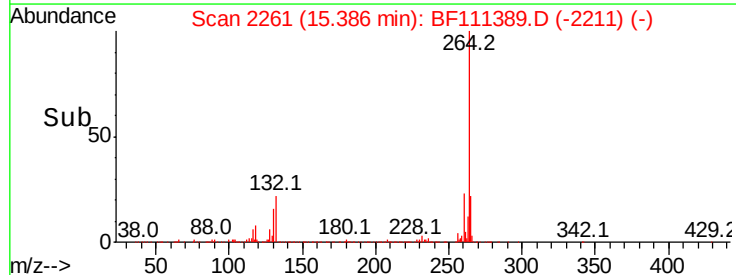
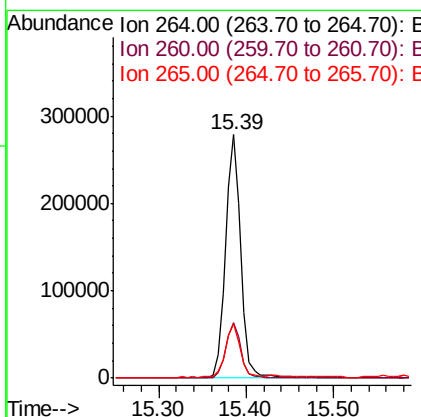
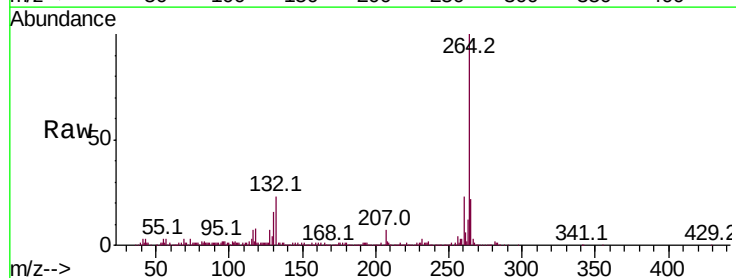
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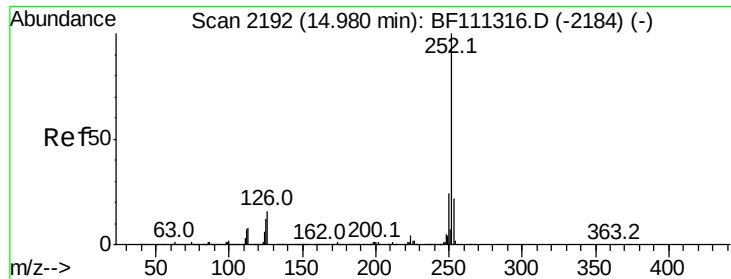
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111389.D
 Acq: 14 Dec 2018 00:10

Tgt Ion:	264	Resp:	336679
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.3	27.5
265	22.4	17.7	26.5





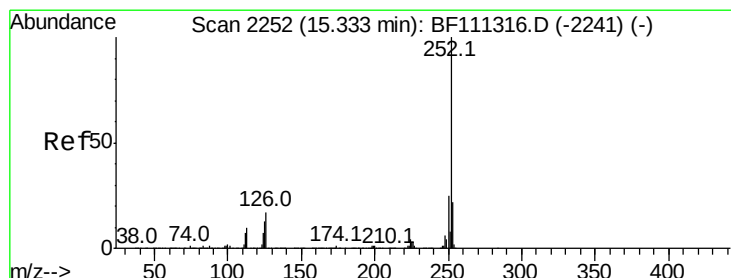
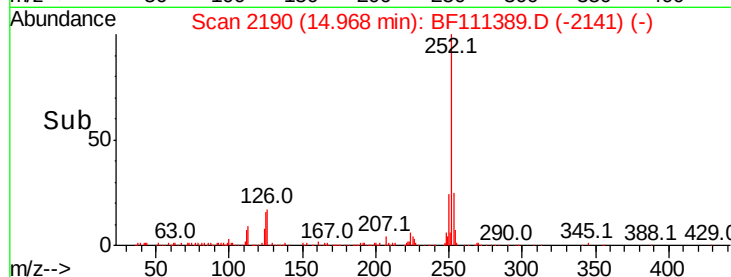
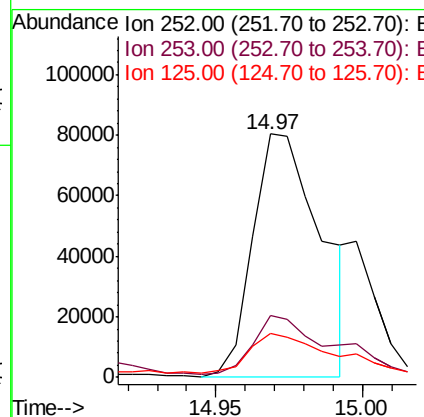
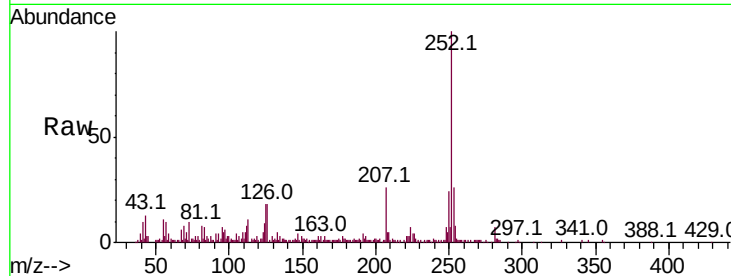
#88
Benzo(b)fluoranthene
Concen: 6.779 ng/mL
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	18.1	10.4	15.6

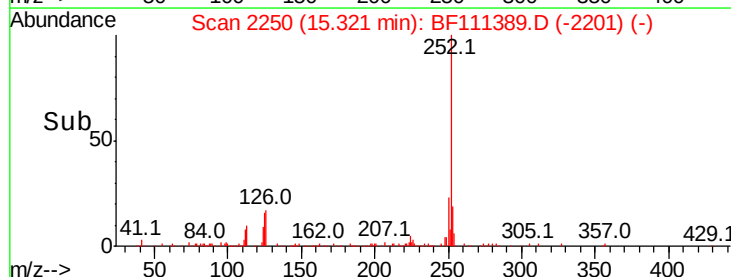
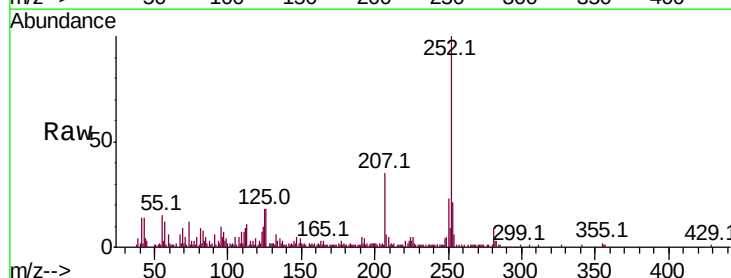
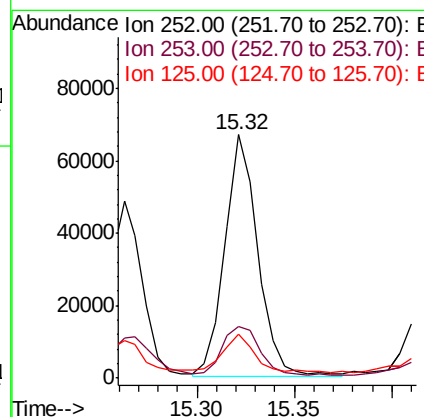
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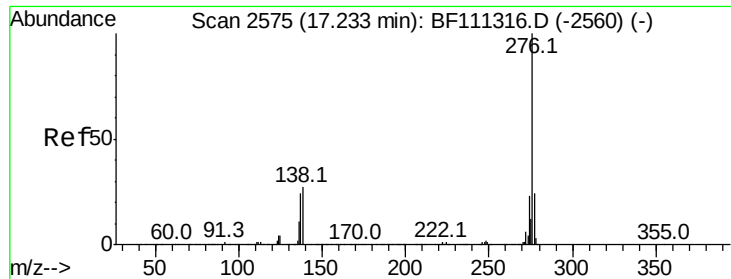
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#90
Benzo(a)pyrene
Concen: 4.378 ng/mL
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111389.D
Acq: 14 Dec 2018 00:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	18.1	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 3.221 ng
 RT: 17.22 min Scan# 2572
 Delta R.T. -0.02 min
 Lab File: BF111389.D
 Acq: 14 Dec 2018 00:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:	276	Resp:	47757
Ion Ratio	Lower	Upper	
276	100		
277	28.6	19.2	28.8
138	34.4	24.9	37.3

Manual Integrations
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