

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102355.D
 Acq On : 23 Jan 2018 21:18
 Operator : SJ/JU
 Sample : J1016-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012218

Manual Integrations
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Sohil
 1/24/2018 2:47:04 PM

Quant Time: Jan 24 02:42:23 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129937	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561434	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	246442	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382102	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255770	20.00	ng	0.00
86) Perylene-d12	15.30	264	231077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	180324	21.04	ng	0.00
7) Phenol-d6	6.35	99	220817	21.37	ng	-0.01
23) Nitrobenzene-d5	7.27	82	133645	13.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	44284	18.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	258378	15.42	ng	-0.01
78) Terphenyl-d14	12.82	244	177396	15.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	41134	2.019	ng	Qvalue # 99
70) Phenanthrene	11.26	178	61705	2.771	ng	99
74) Fluoranthene	12.44	202	104145	4.587	ng	96
77) Pyrene	12.67	202	97916	4.951	ng	99
80) Benzo(a)anthracene	13.86	228	39974	2.539	ng	94
82) Chrysene	13.90	228	43210m	2.702	ng	
87) Benzo(b)fluoranthene	14.89	252	49734m	3.321	ng	
89) Benzo(a)pyrene	15.24	252	33186	2.457	ng	# 88

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

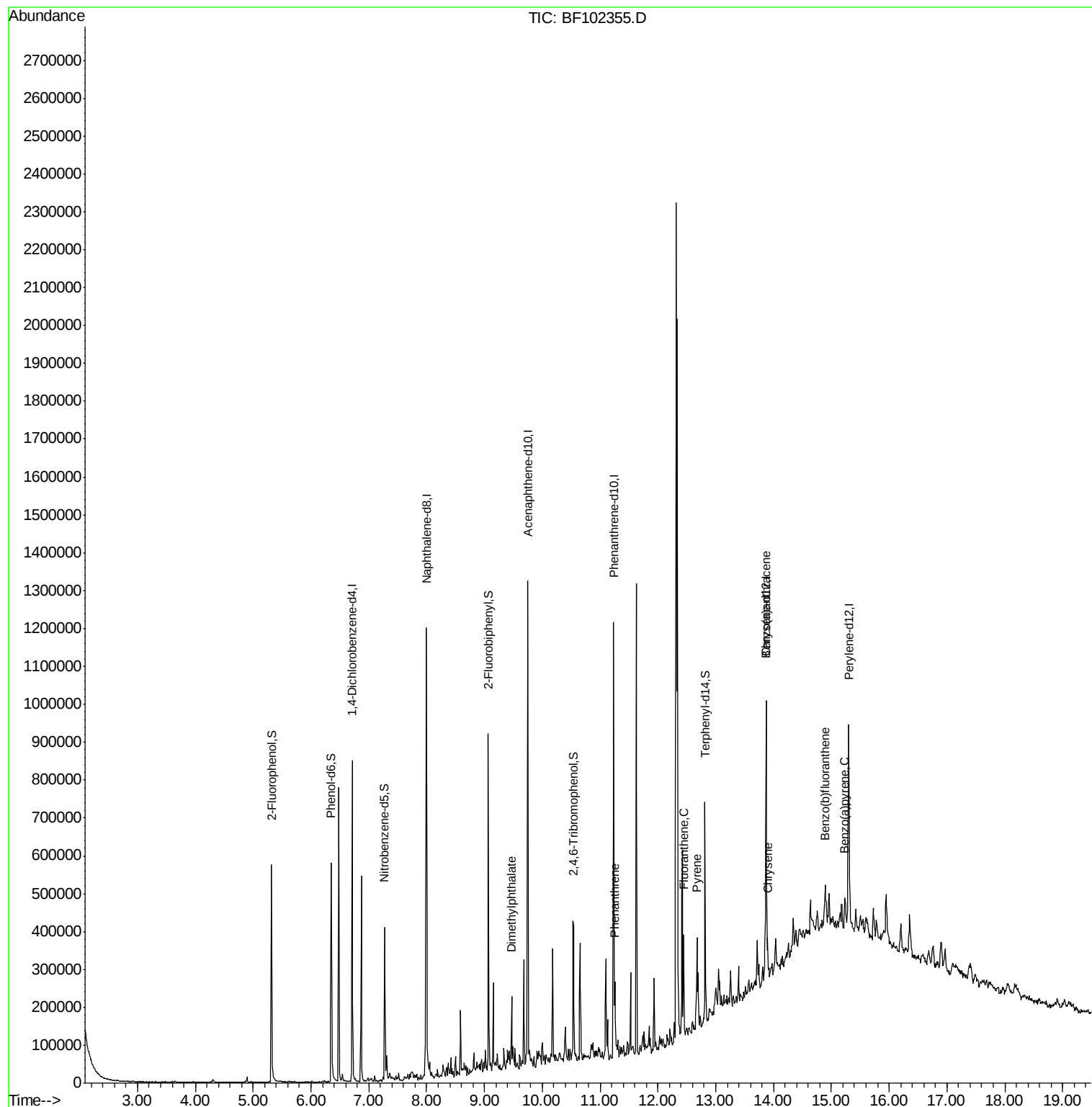
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102355.D
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Operator : SJ/JU
Sample : J1016-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

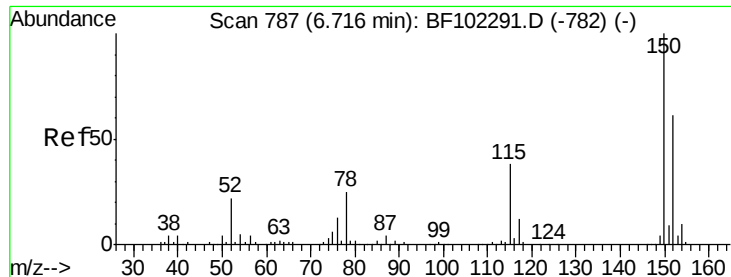
Instrument :
BNA_F
ClientSampleId :
OK-01-012218

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Quant Time: Jan 24 02:42:23 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

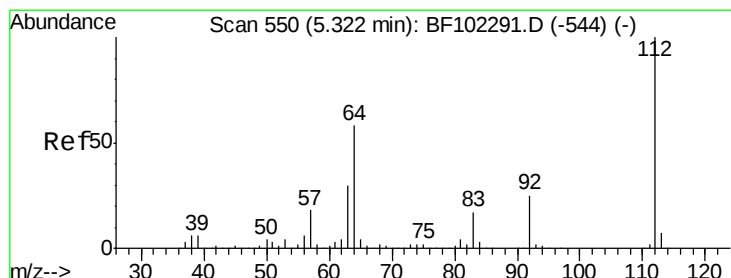
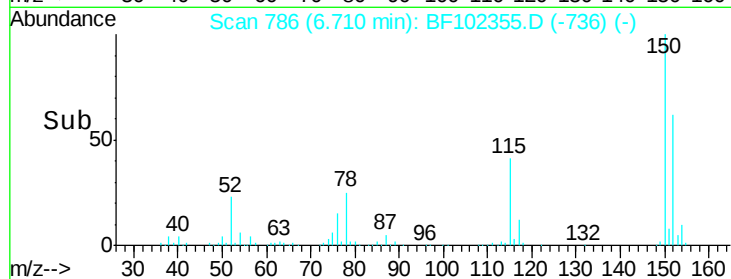
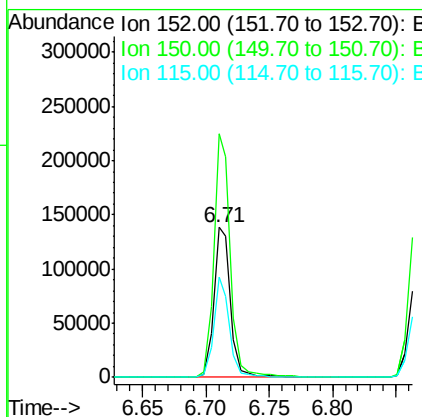
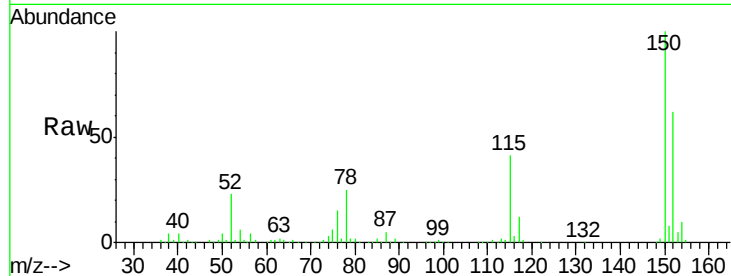
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :
OK-01-012218

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	66.9	50.1	75.1

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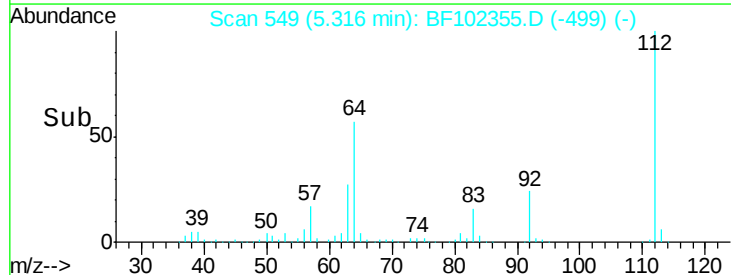
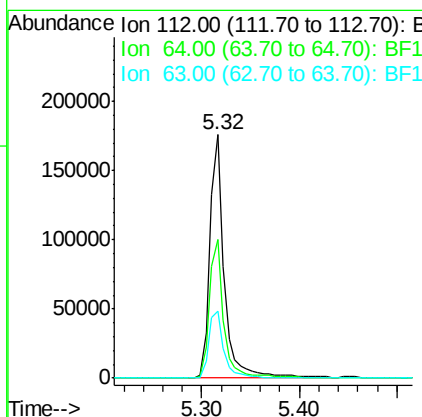
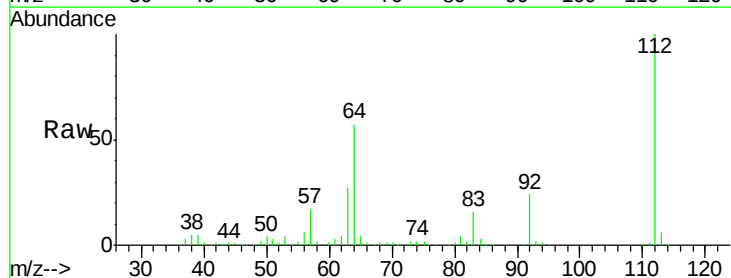
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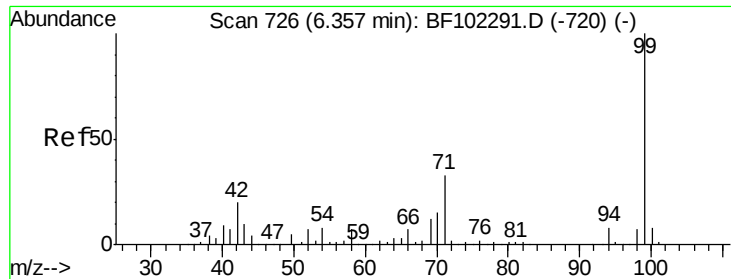


#5

2-Fluorophenol
Concen: 21.042 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 21.373 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Instrument :

BNA_F

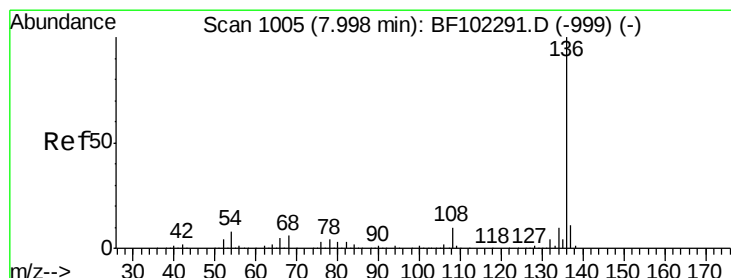
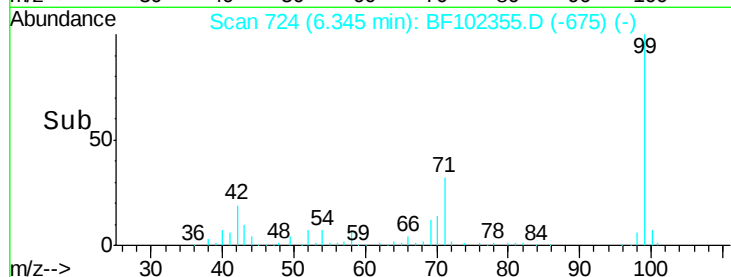
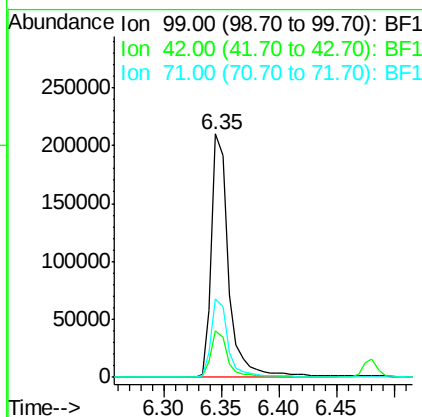
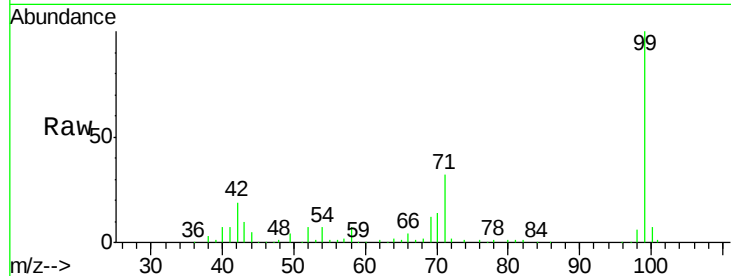
ClientSampled :

OK-01-012218

Tgt Ion:	99	Resp:	220817
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

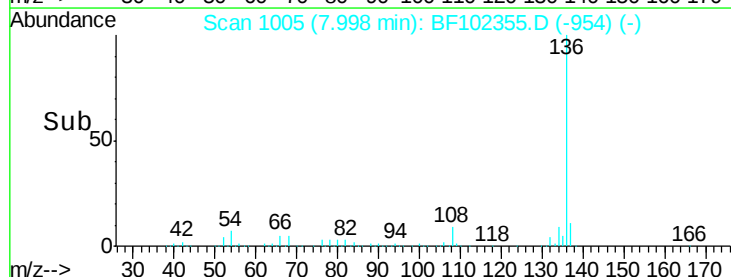
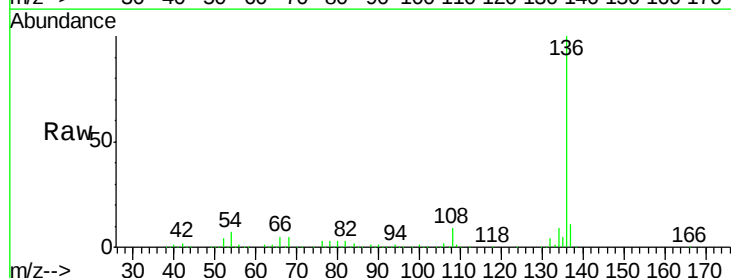
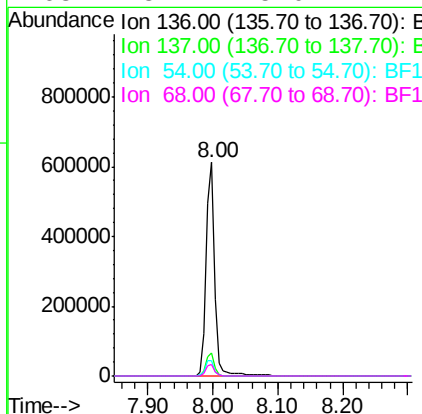
RT: 8.00 min Scan# 1005

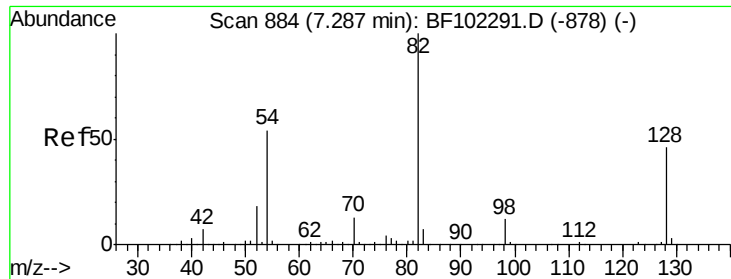
Delta R.T. -0.00 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Tgt Ion:	136	Resp:	561434
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.4	5.0	7.4





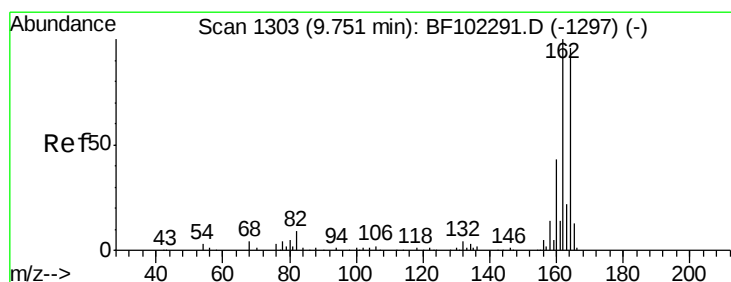
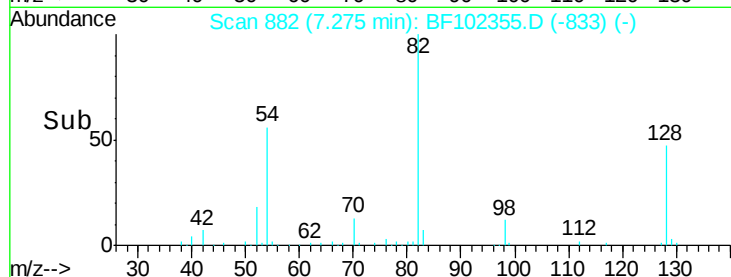
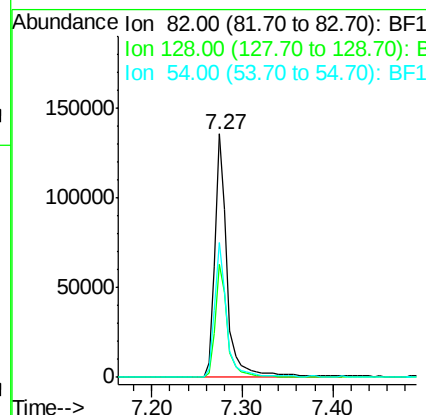
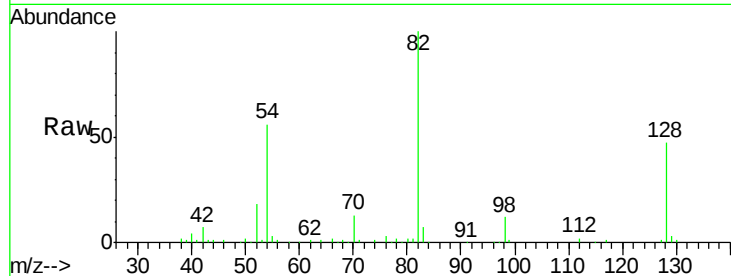
#23
 Nitrobenzene-d5
 Concen: 13.680 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012218

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	133645		
128	46.5	36.1	54.1	
54	55.5	41.4	62.2	

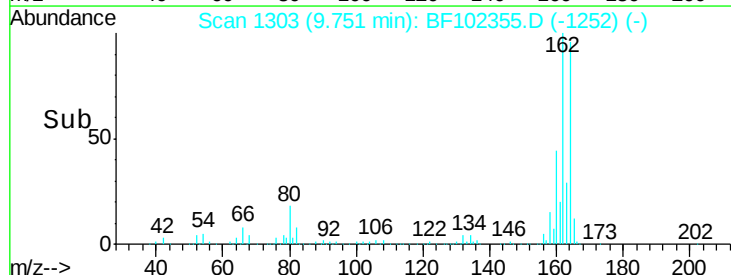
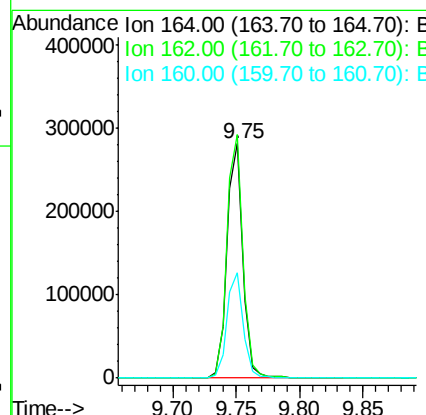
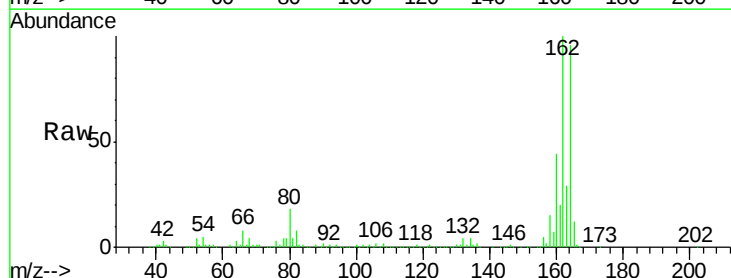
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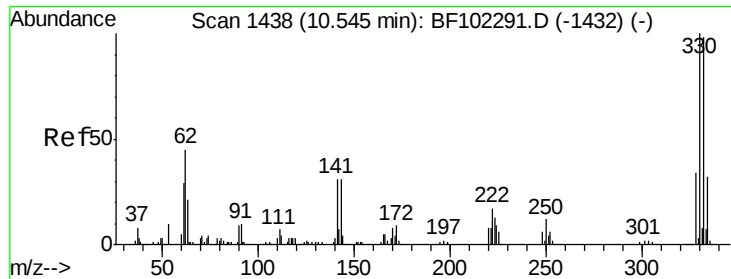
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246442		
162	104.0	86.1	129.1	
160	45.3	38.3	57.5	





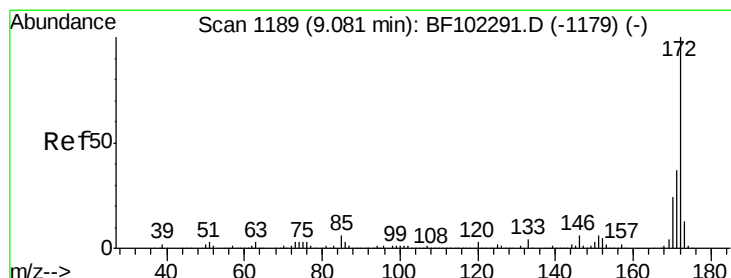
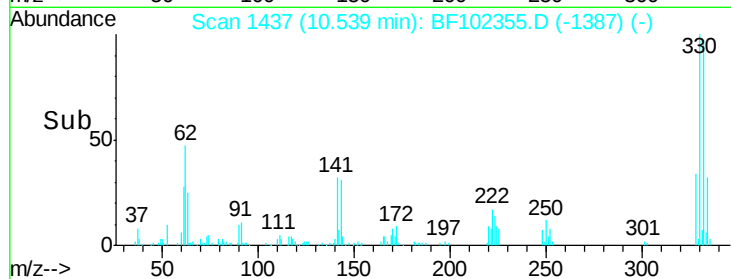
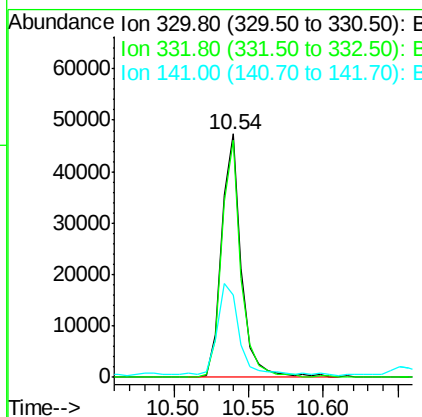
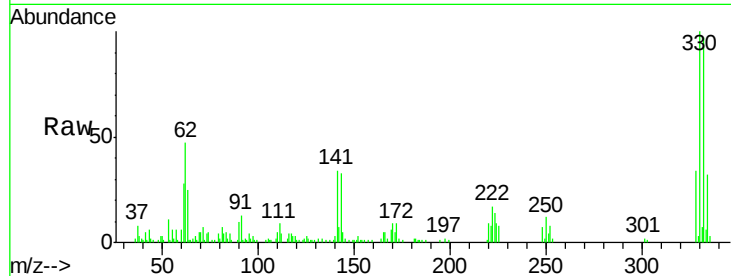
#41
 2,4,6-Tribromophenol
 Concen: 18.135 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012218

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	40.2	29.9	44.9

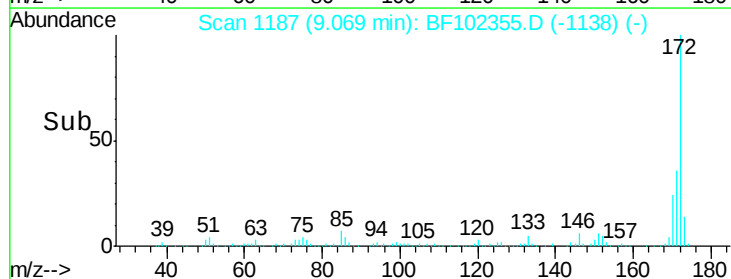
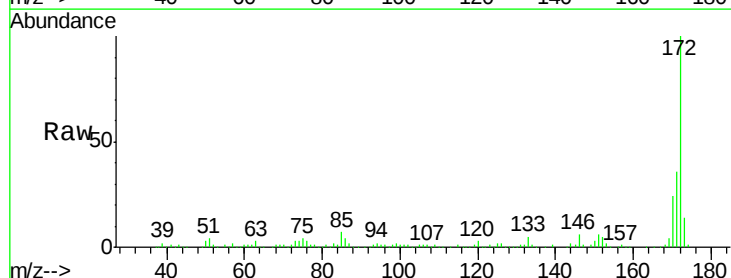
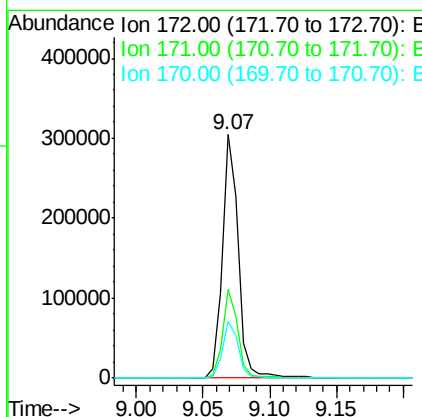
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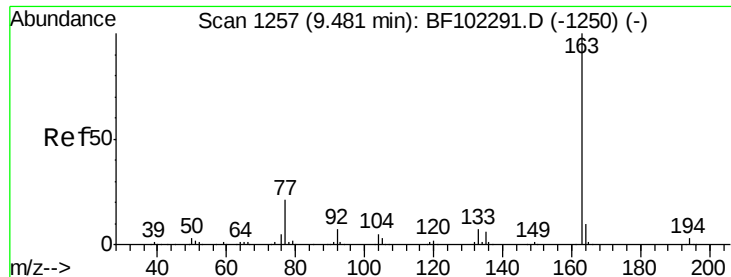
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#44
 2-Fluorobiphenyl
 Concen: 15.416 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4





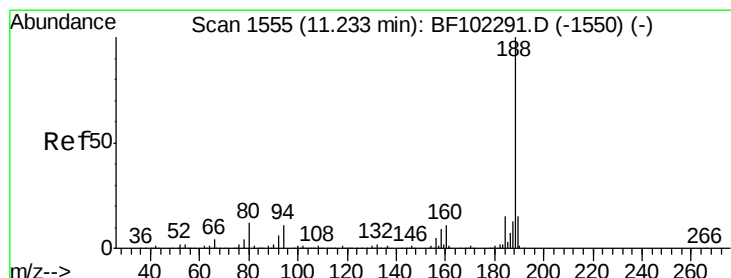
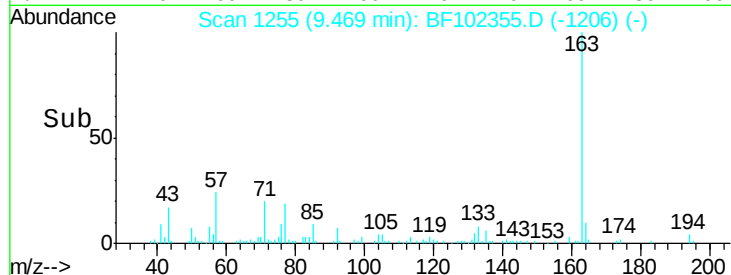
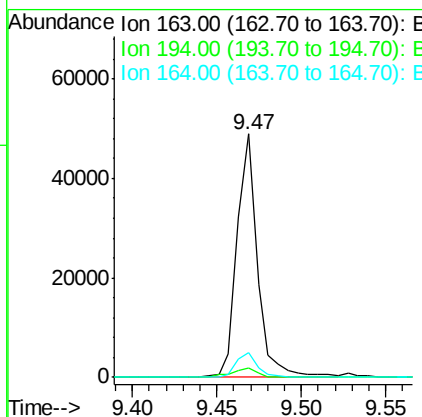
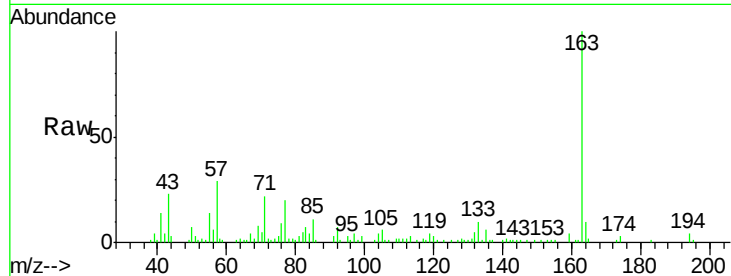
#49
Dimethylphthalate
Concen: 2.019 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :
OK-01-012218

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.2	8.2	12.2

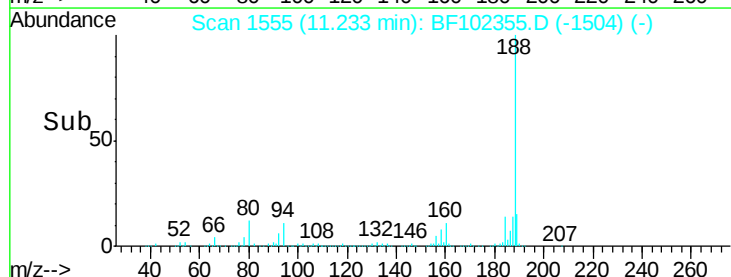
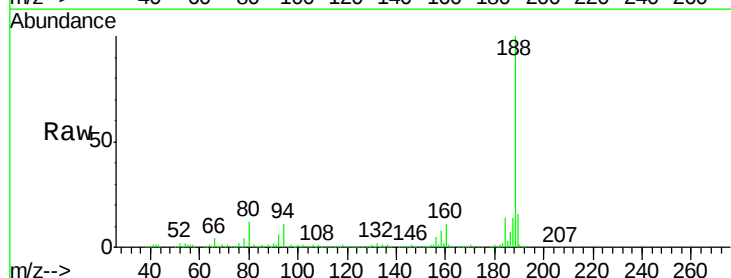
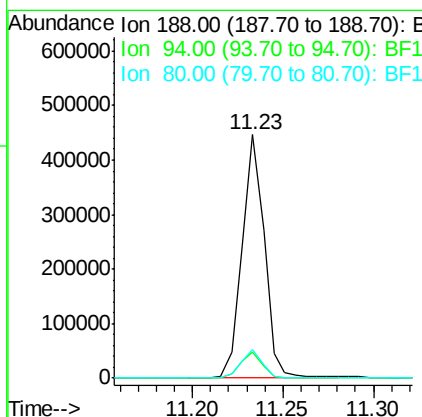
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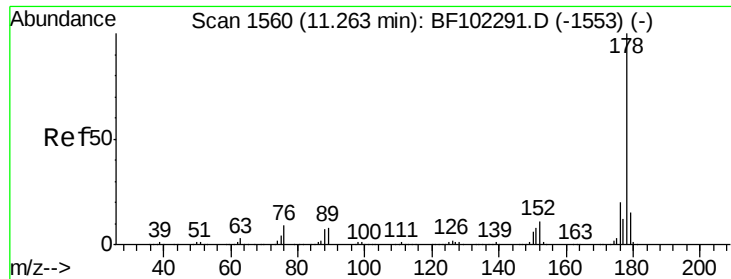
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8





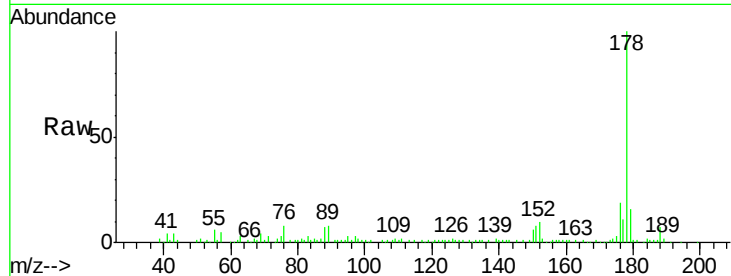
#70
Phenanthrene
Concen: 2.771 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :
OK-01-012218

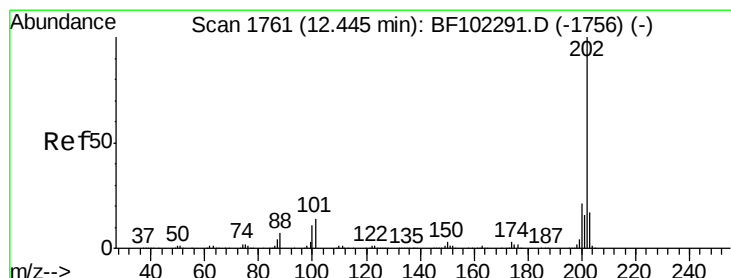
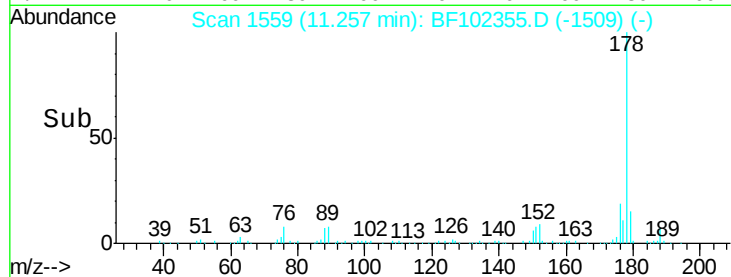
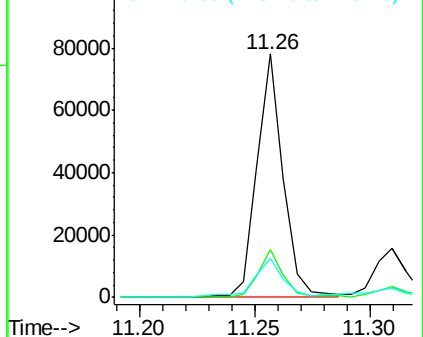
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6

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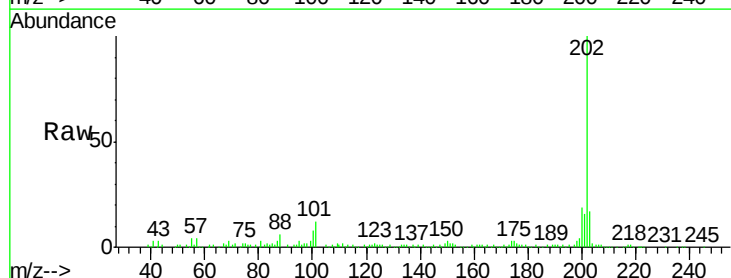


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

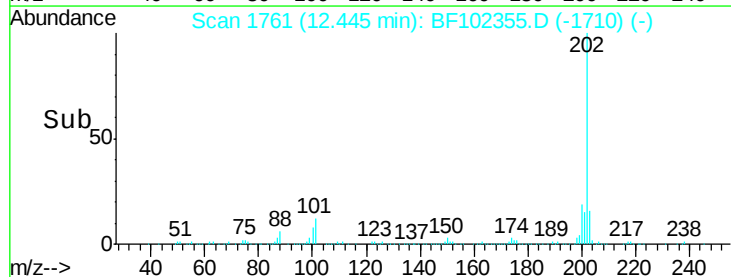
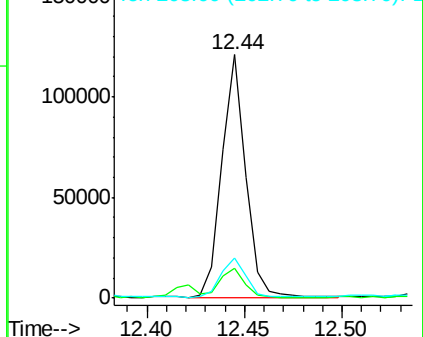


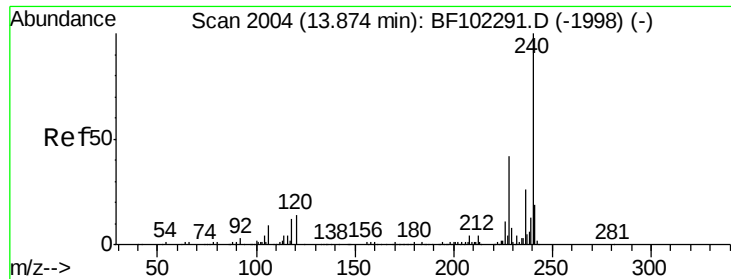
#74
Fluoranthene
Concen: 4.587 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.6	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Instrument :

BNA_F

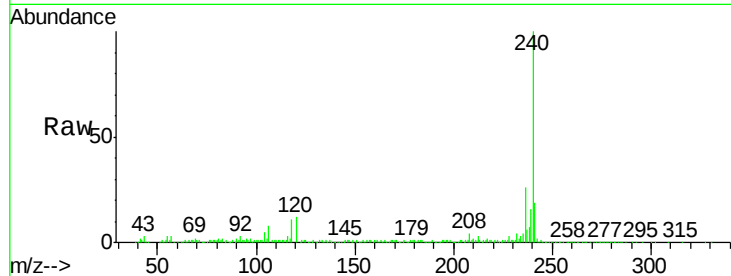
ClientSampleId :

OK-01-012218

Tgt Ion:	240	Resp:	255770
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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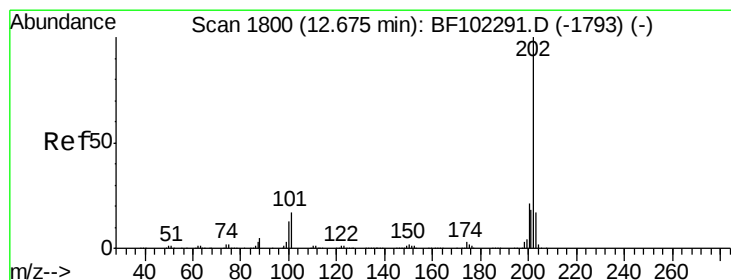
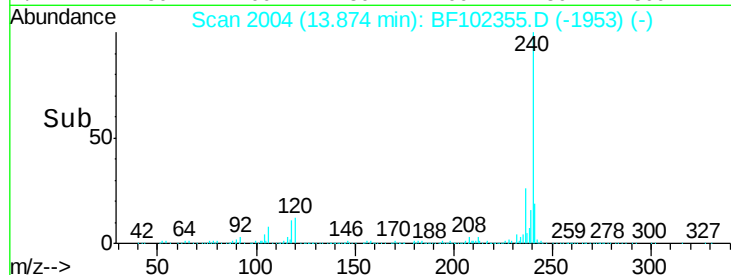
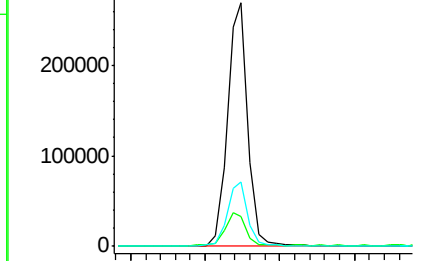
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.951 ng

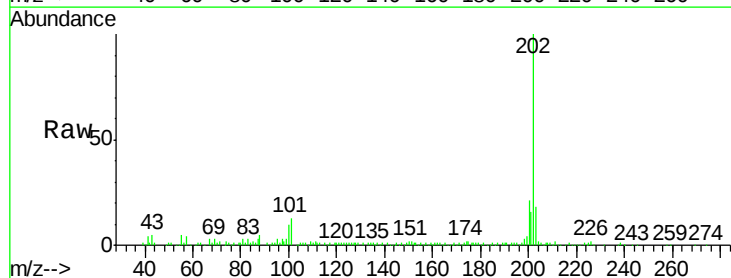
RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

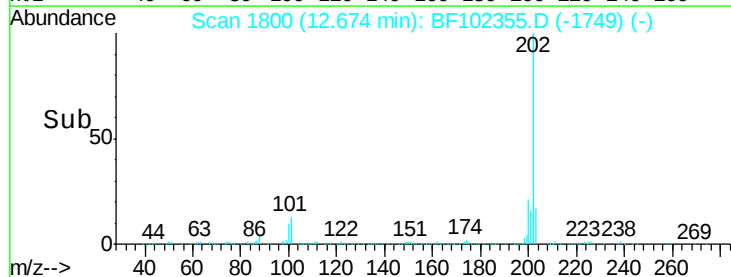
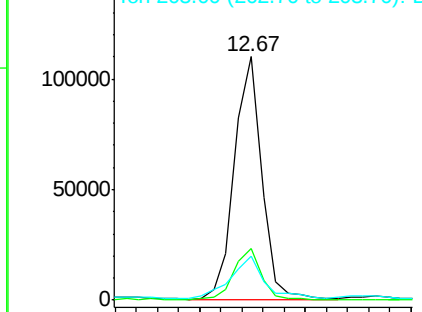
Tgt Ion:	202	Resp:	97916
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5

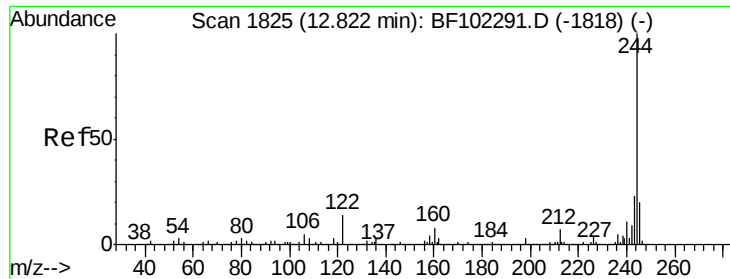


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





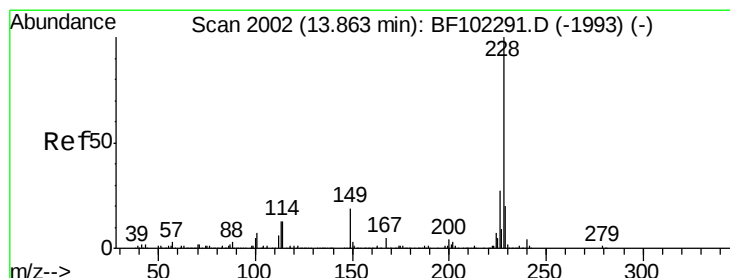
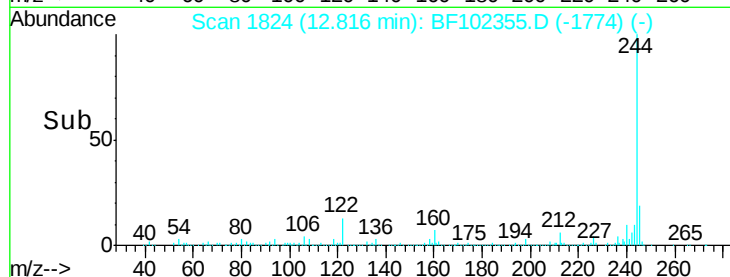
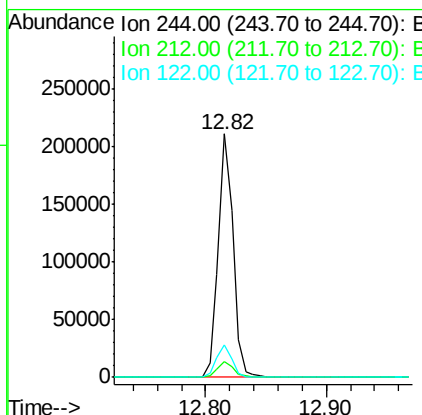
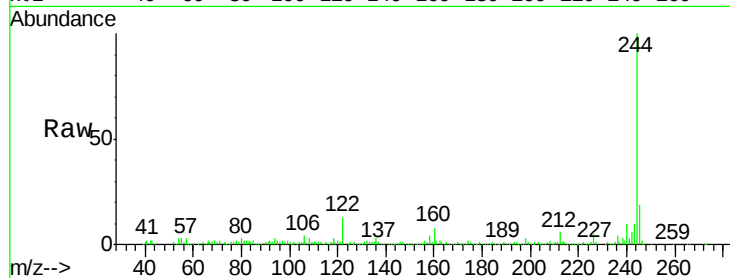
#78
 Terphenyl-d14
 Concen: 15.636 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012218

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.3	11.0	16.4

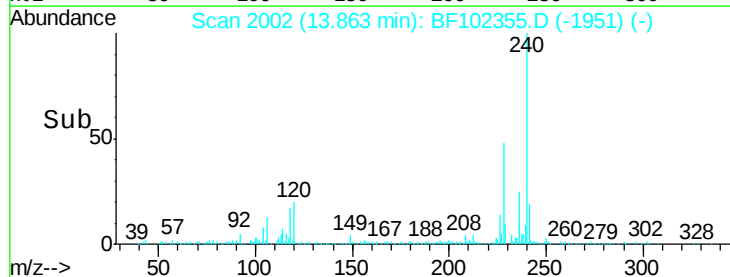
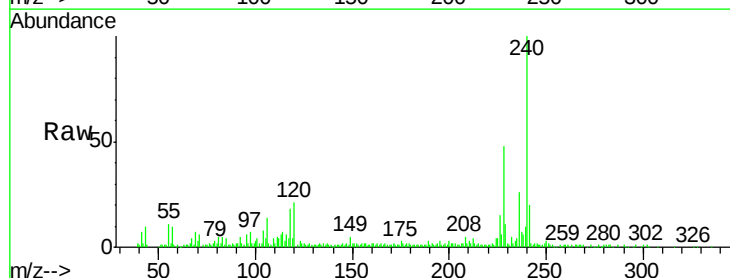
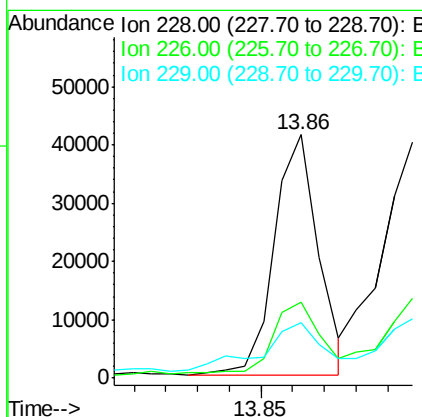
Manual Integrations
 APPROVED

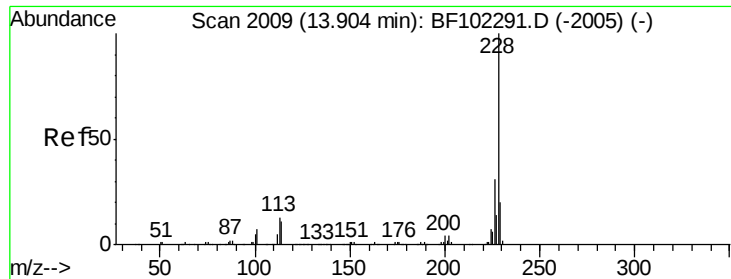
Sohil
 1/24/2018 2:47:04 PM



#80
 Benzo(a)anthracene
 Concen: 2.539 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF102355.D
 Acq: 23 Jan 2018 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.9	15.8	23.6





#82

Chrysene

Concen: 2.702 ng m

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Instrument :

BNA_F

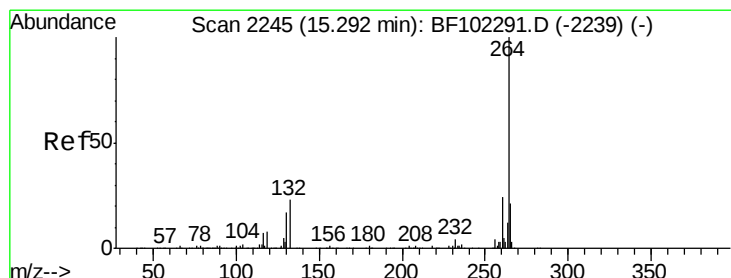
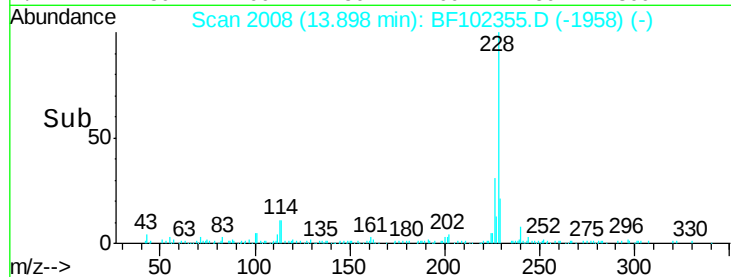
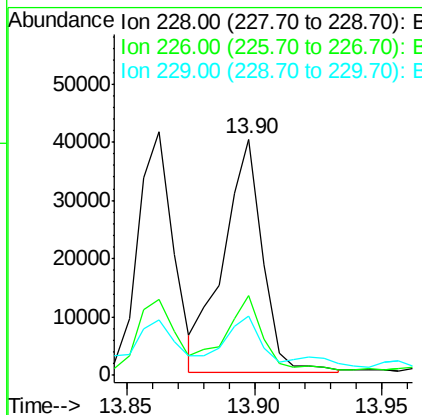
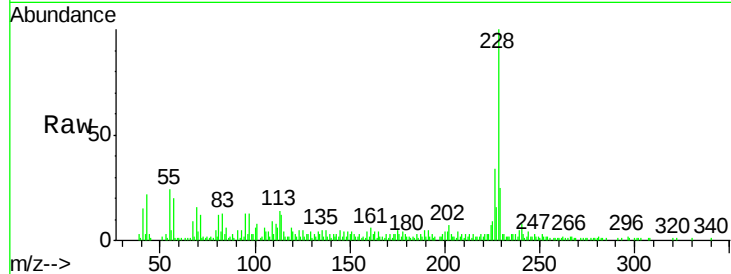
ClientSampleId :

OK-01-012218

Tgt Ion:	228	Resp:	43210
Ion Ratio	Lower	Upper	
228	100		
226	33.8	25.0	37.6
229	25.0	16.2	24.4

Manual Integrations
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1/24/2018 2:47:04 PM



#86

Perylene-d12

Concen: 20.000 ng

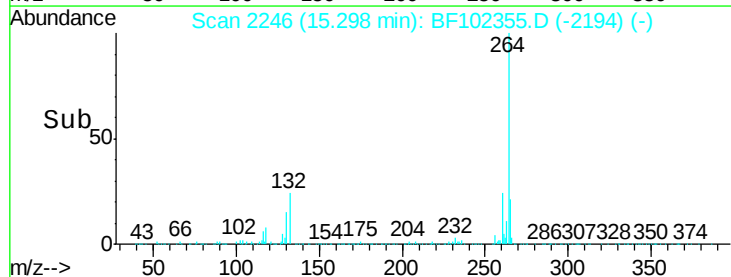
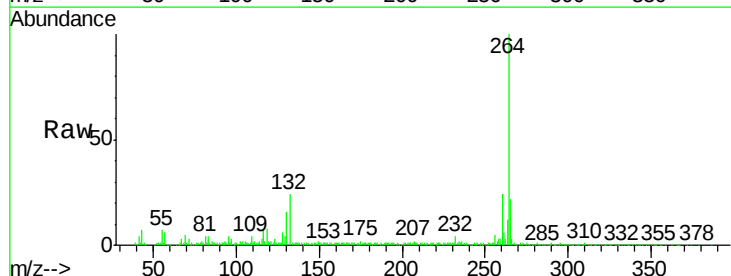
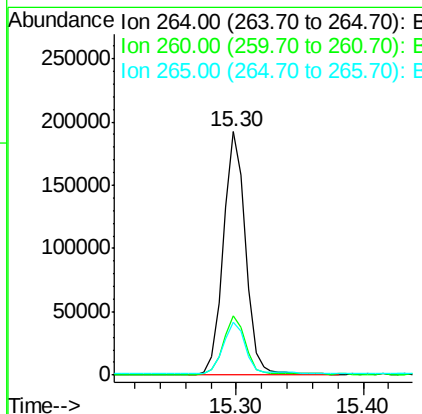
RT: 15.30 min Scan# 2246

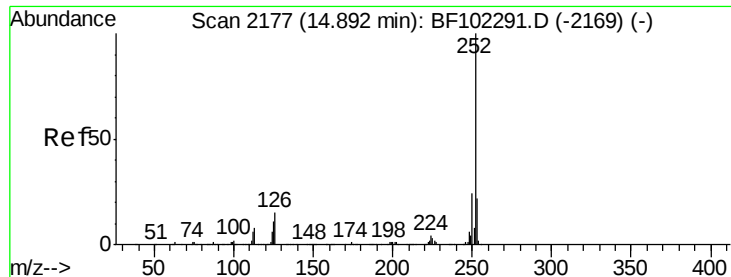
Delta R.T. 0.01 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Tgt Ion:	264	Resp:	231077
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.321 ng m

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Instrument :

BNA_F

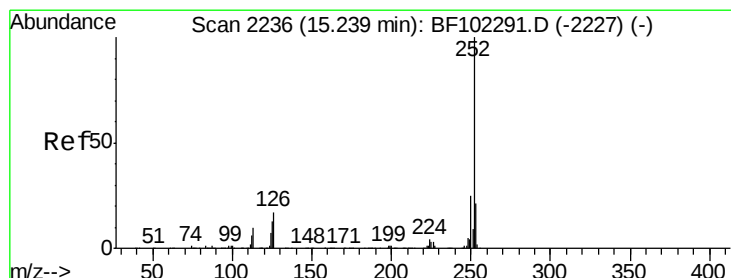
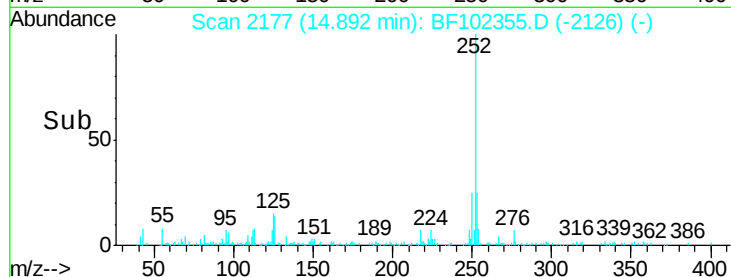
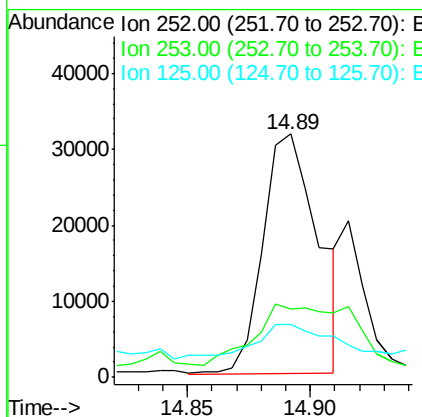
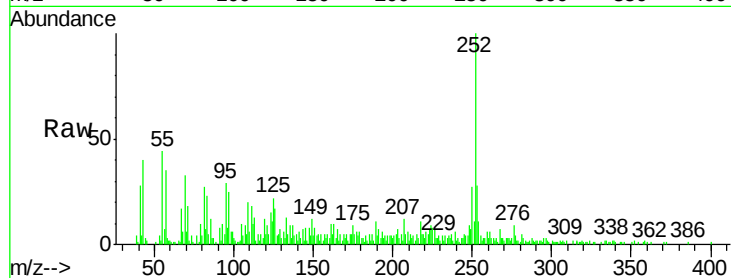
ClientSampleId :

OK-01-012218

Tgt Ion:	252	Resp:	49734
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.0	25.6#
125	21.8	9.0	13.6#

Manual Integrations
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1/24/2018 2:47:04 PM



#89

Benzo(a)pyrene

Concen: 2.457 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF102355.D

Acq: 23 Jan 2018 21:18

Tgt Ion:	252	Resp:	33186
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	20.9	9.8	14.6#

