

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102532.D
 Acq On : 28 Jan 2018 1:12
 Operator : SJ/JU
 Sample : J1325-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-3025

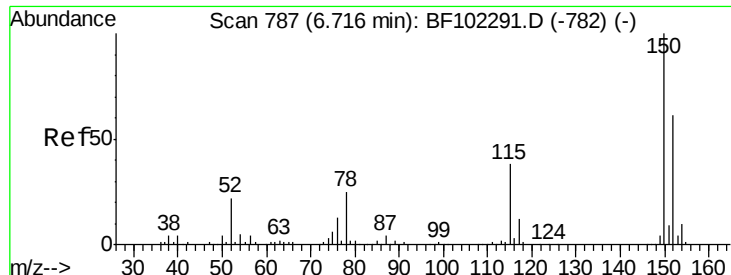
Manual Integrations
 APPROVED

Sohil
 1/29/2018 5:44:51 PM

Quant Time: Jan 28 02:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144358	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	588313	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	235272	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	339118	20.00	ng	0.00
75) Chrysene-d12	13.87	240	264863	20.00	ng	0.00
86) Perylene-d12	15.30	264	222366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1039646	109.20	ng	0.01
7) Phenol-d6	6.36	99	1256159	109.44	ng	0.00
23) Nitrobenzene-d5	7.29	82	767359	74.96	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	194110	83.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1135372	70.96	ng	0.00
78) Terphenyl-d14	12.82	244	715624	60.91	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56756	4.529	ng	98
49) Dimethylphthalate	9.47	163	222563	11.445	ng	98
74) Fluoranthene	12.45	202	76406	3.792	ng	98
77) Pyrene	12.68	202	67812	3.311	ng	97
80) Benzo(a)anthracene	13.86	228	36557	2.242	ng	97
82) Chrysene	13.90	228	34981	2.112	ng	96
87) Benzo(b)fluoranthene	14.90	252	42906m	2.977	ng	
89) Benzo(a)pyrene	15.24	252	27445	2.111	ng	# 96

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



#1

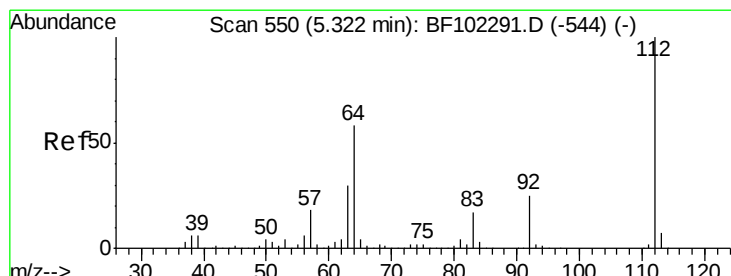
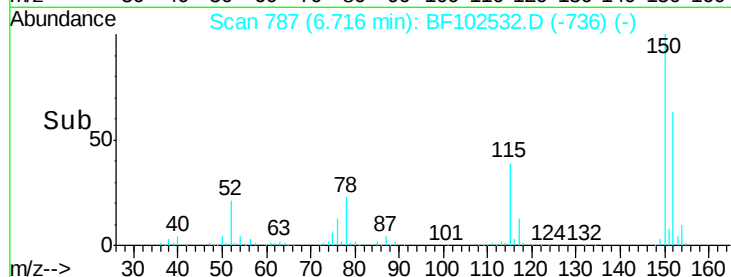
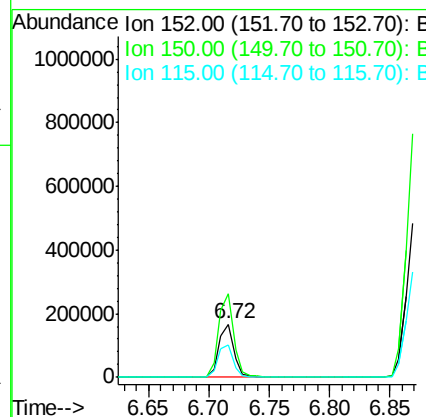
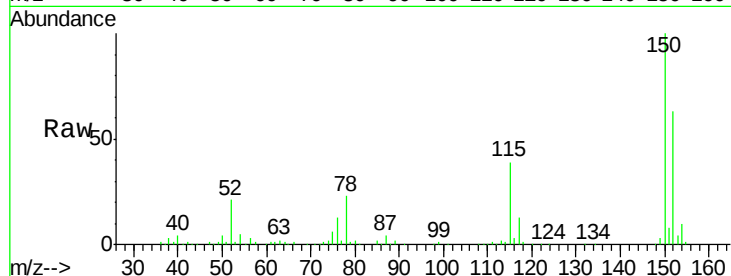
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Instrument :
BNA_F
ClientSampled :
RO-3025

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	61.0	50.1	75.1

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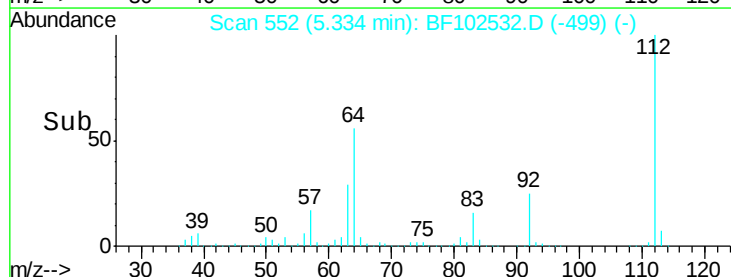
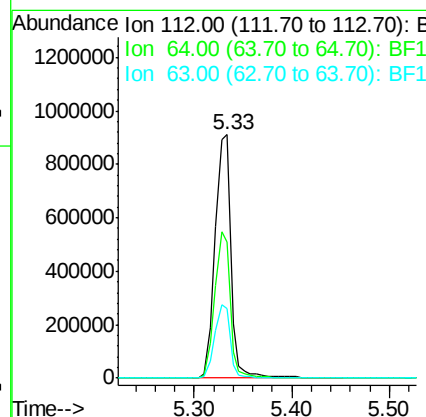
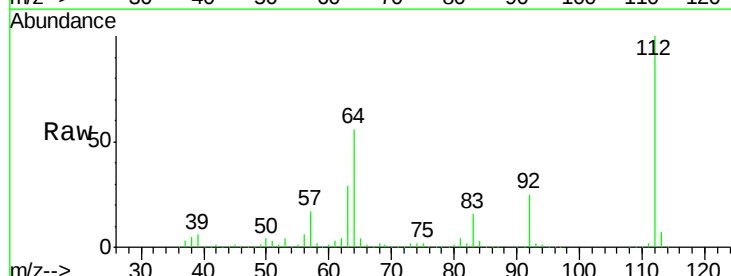
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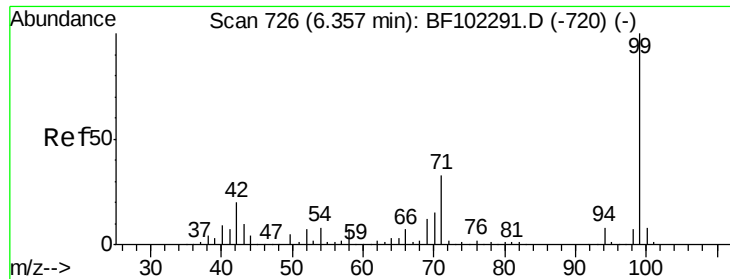


#5

2-Fluorophenol
Concen: 109.199 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 109.440 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Instrument :

BNA_F

ClientSampleId :

RO-3025

Tgt Ion: 99 Resp: 1256159

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

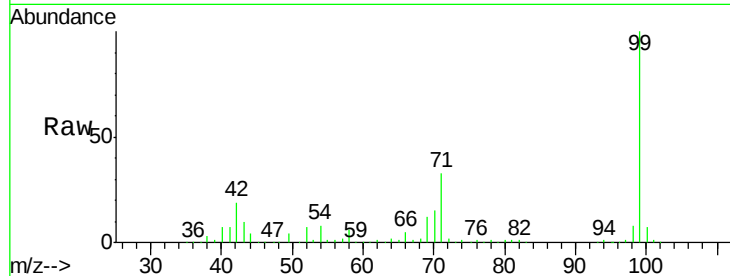
71 33.2 25.4 38.0

Manual Integrations

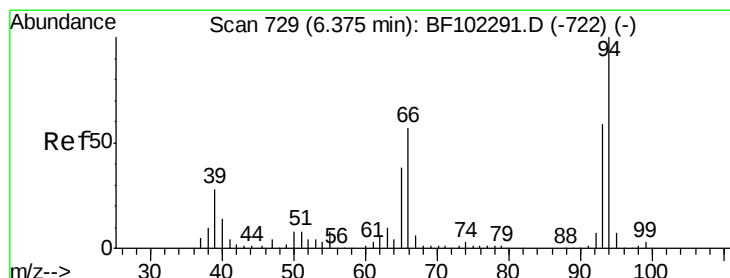
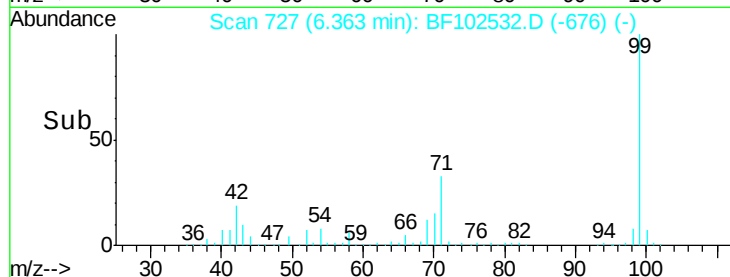
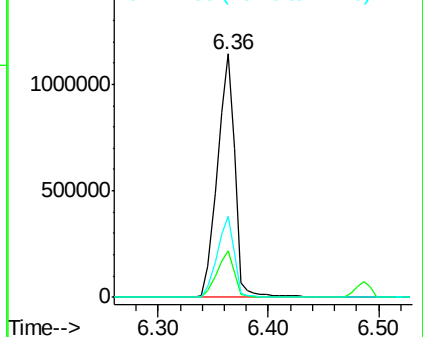
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.529 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

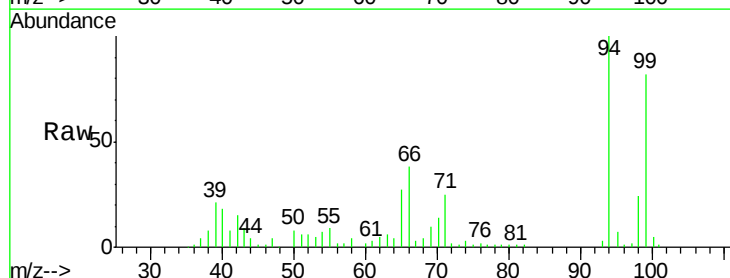
Tgt Ion: 94 Resp: 56756

Ion Ratio Lower Upper

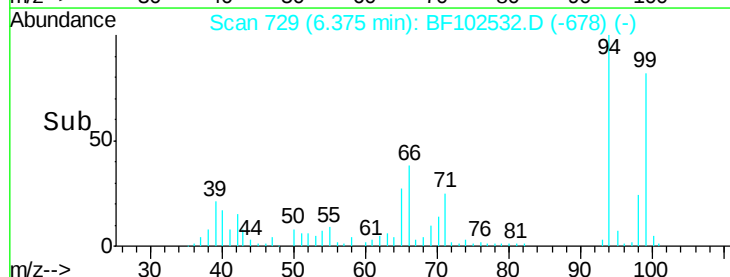
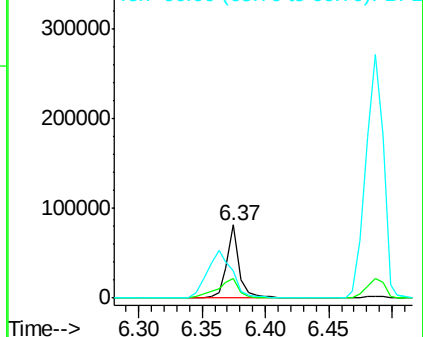
94 100

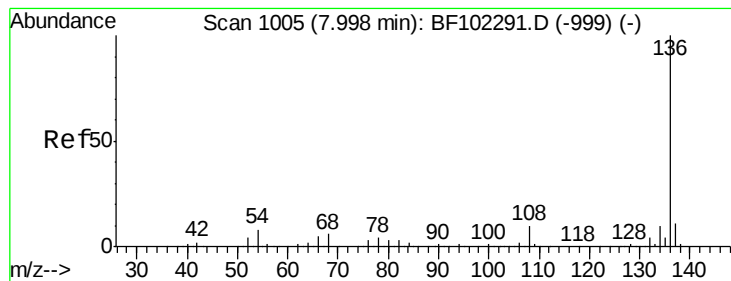
65 27.3 7.9 47.9

66 38.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Instrument :

BNA_F

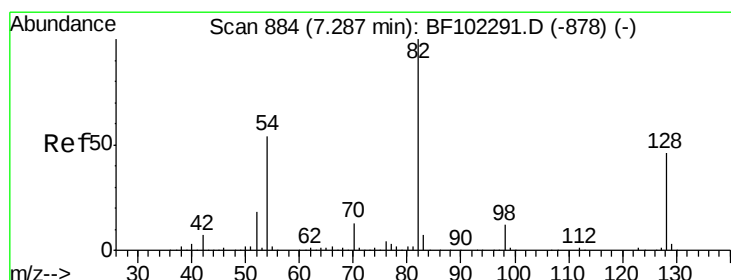
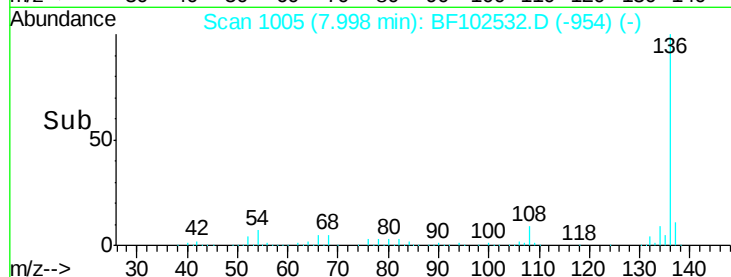
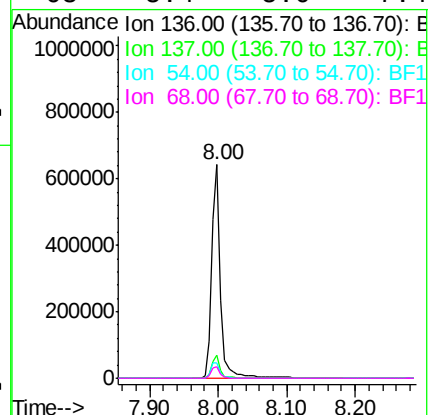
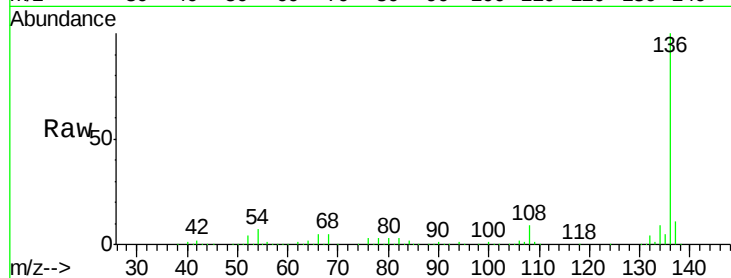
ClientSampled :

RO-3025

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.4	5.0	7.4

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#23

Nitrobenzene-d5

Concen: 74.956 ng

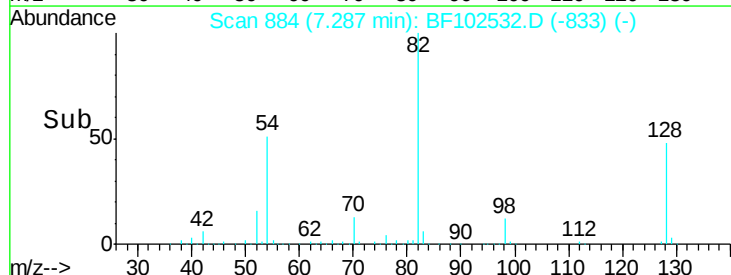
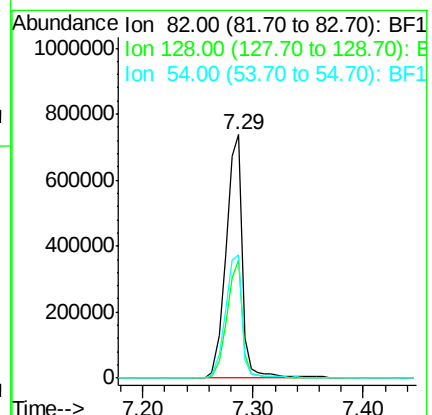
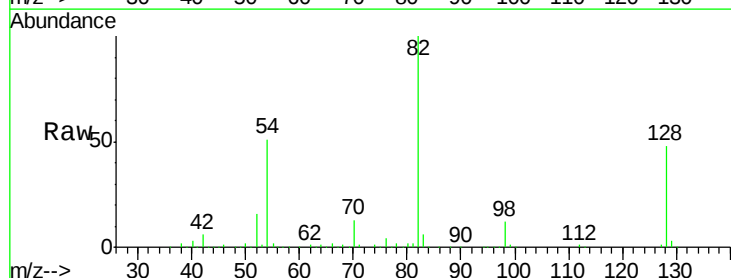
RT: 7.29 min Scan# 884

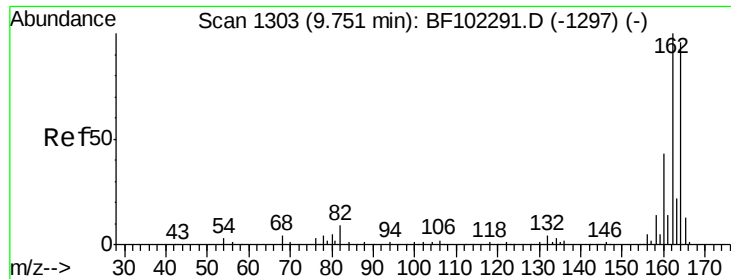
Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

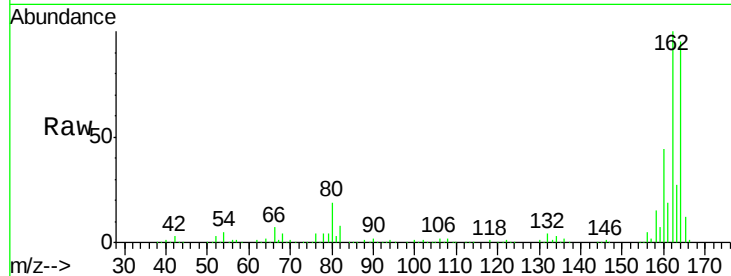
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.3	36.1	54.1
54	50.8	41.4	62.2





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102532.D
 Acq: 28 Jan 2018 1:12

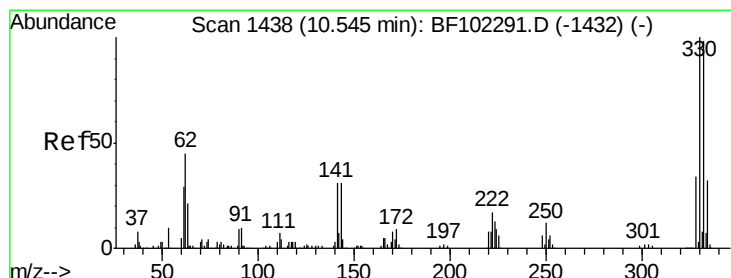
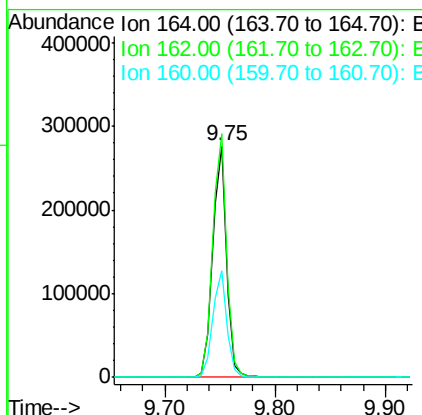
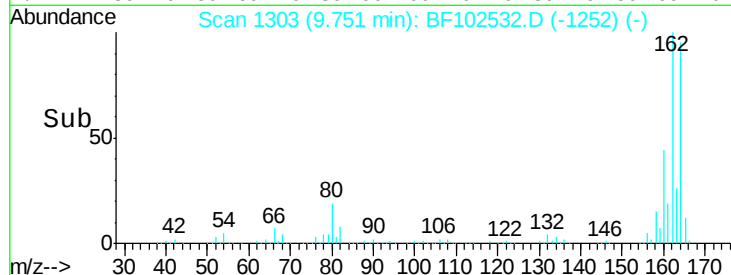
Instrument :
 BNA_F
 ClientSampleId :
 RO-3025



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	235272		
162	105.4	86.1	129.1	
160	46.2	38.3	57.5	

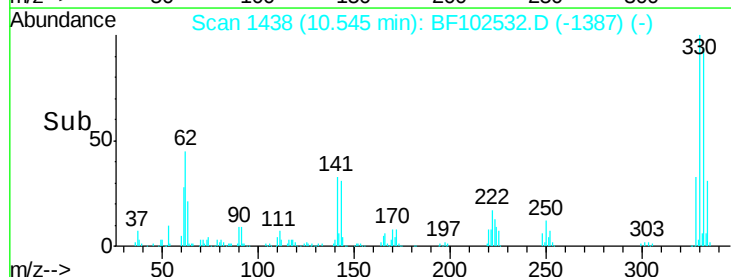
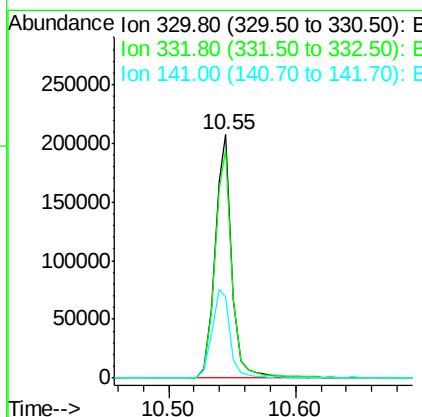
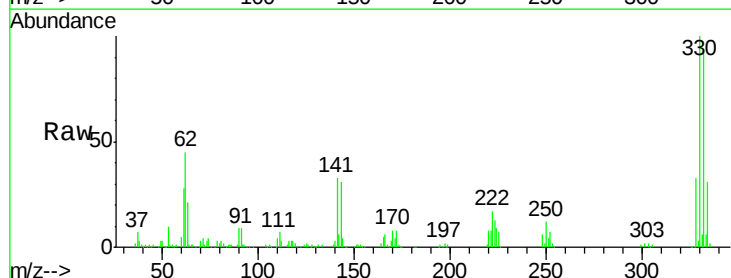
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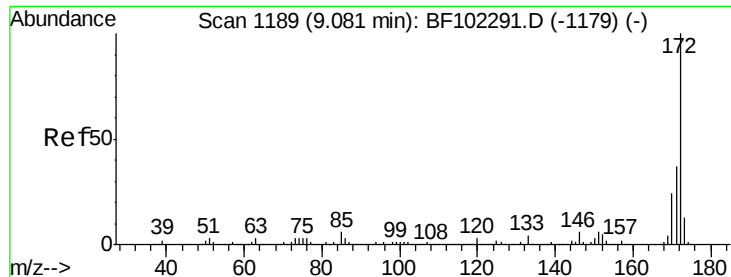
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#41
 2,4,6-Tribromophenol
 Concen: 83.266 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102532.D
 Acq: 28 Jan 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194110		
332	95.9	77.0	115.6	
141	39.9	29.9	44.9	





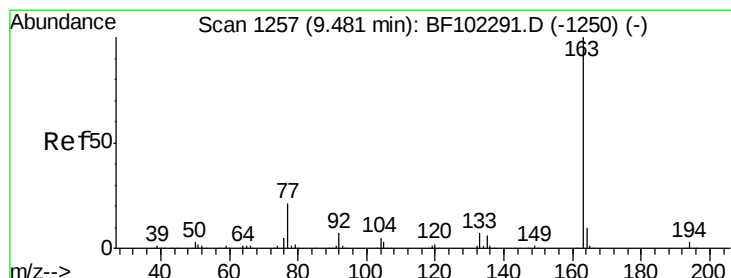
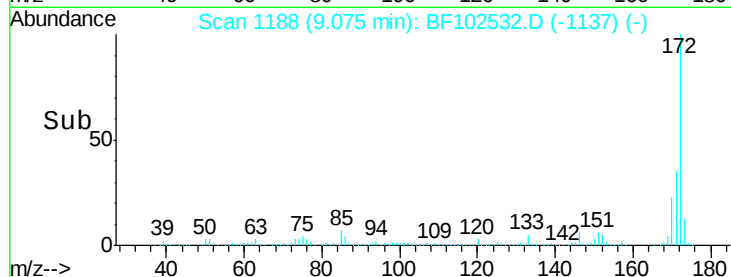
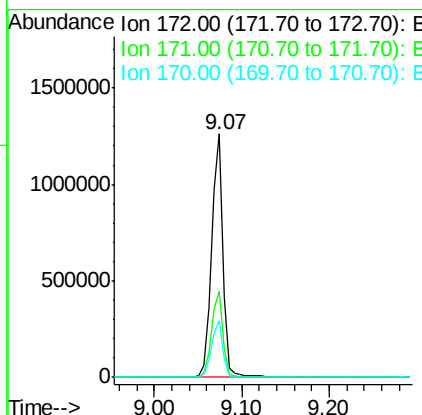
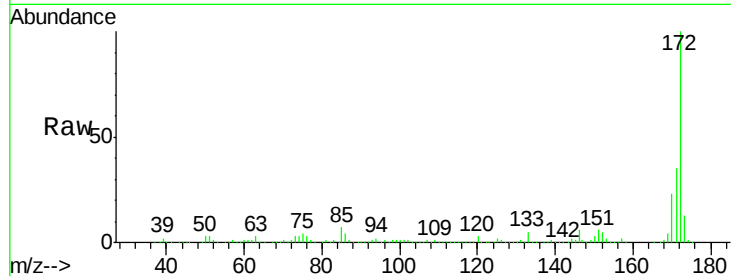
#44
2-Fluorobiphenyl
Concen: 70.956 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RO-3025

Tgt Ion:172 Resp: 1135372
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.4 19.6 29.4

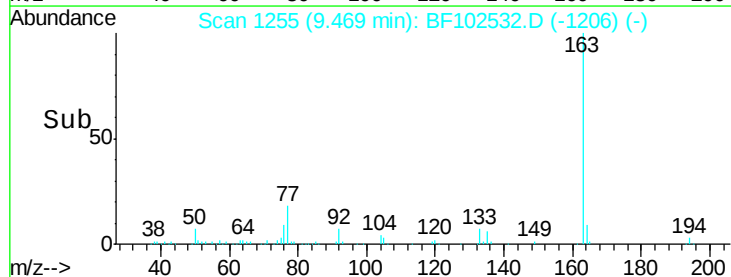
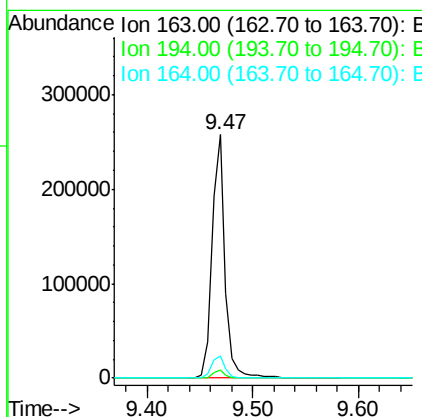
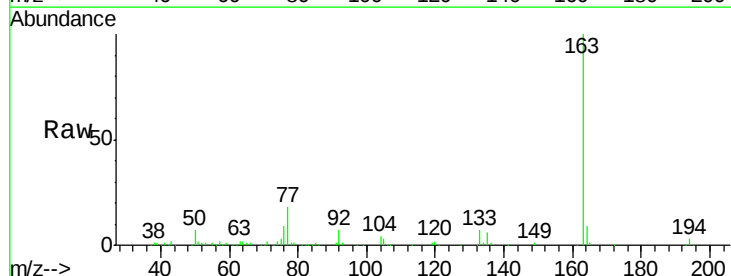
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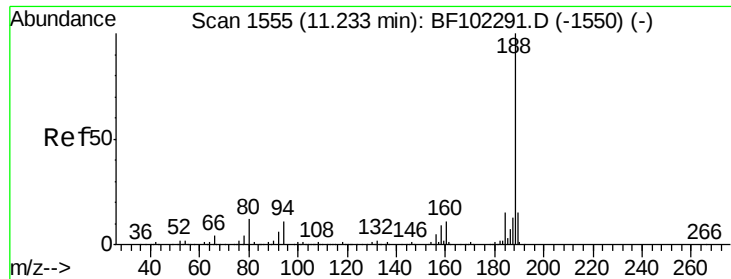
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#49
Dimethylphthalate
Concen: 11.445 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Tgt Ion:163 Resp: 222563
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.1 8.2 12.2





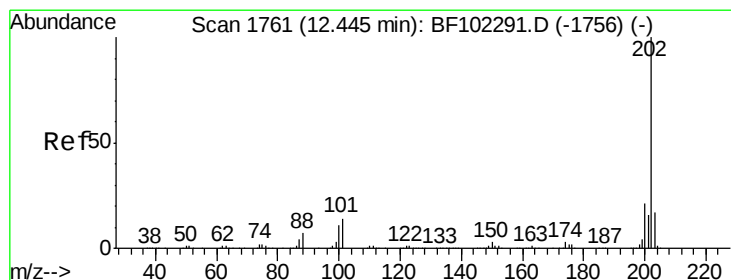
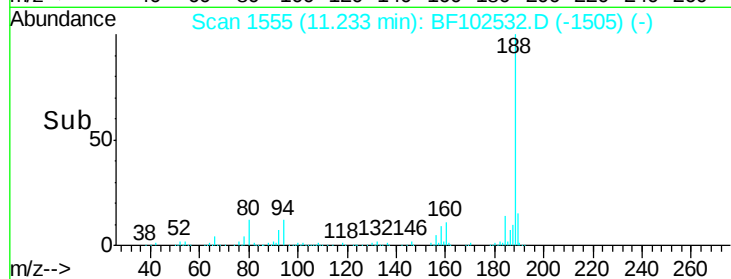
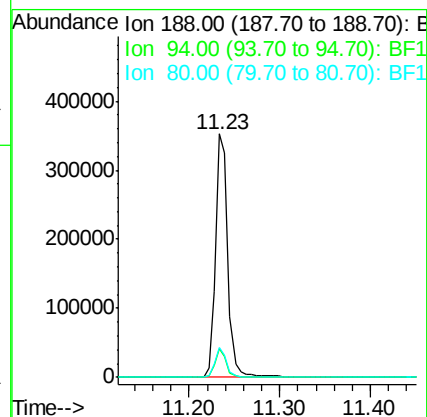
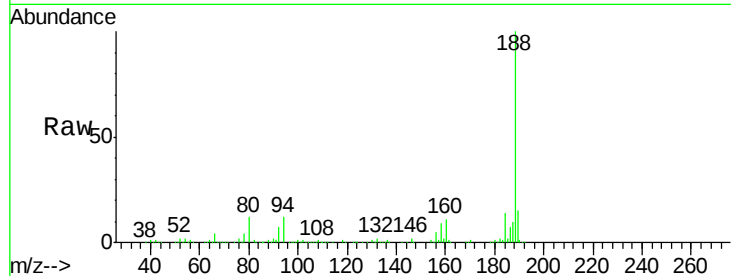
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RO-3025

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.6	8.5	12.7
80	12.4	9.2	13.8

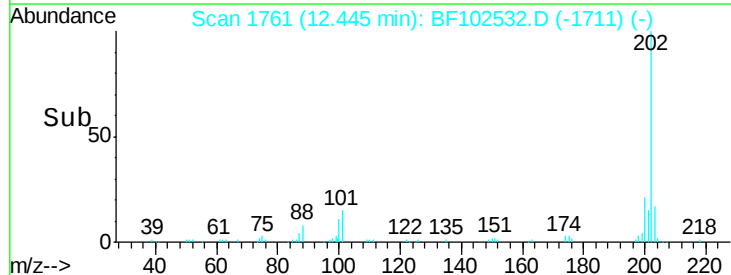
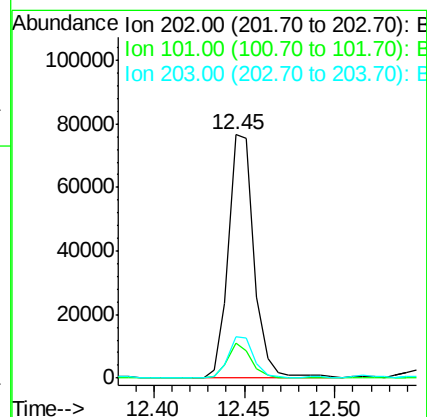
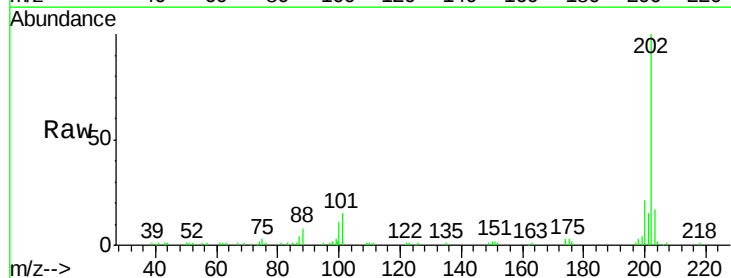
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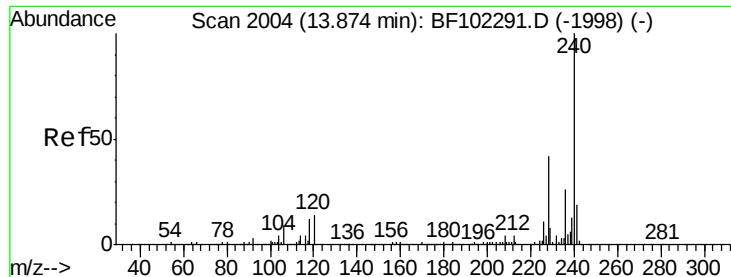
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#74
Fluoranthene
Concen: 3.792 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102532.D
Acq: 28 Jan 2018 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Instrument :

BNA_F

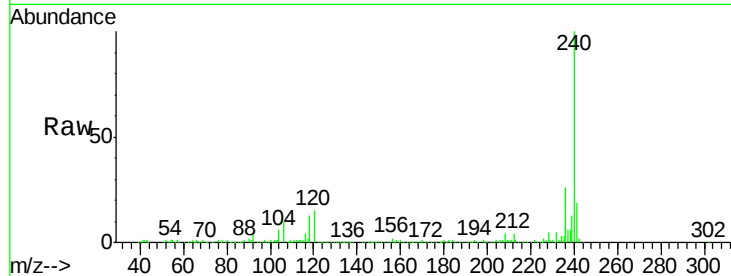
ClientSampleId :

RO-3025

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		264863		
120	15.0	9.5	14.3#		
236	25.8	20.7	31.1		

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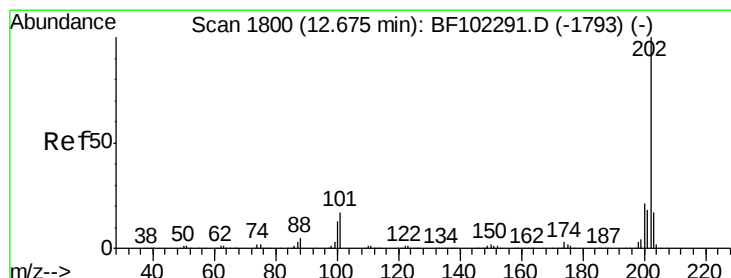
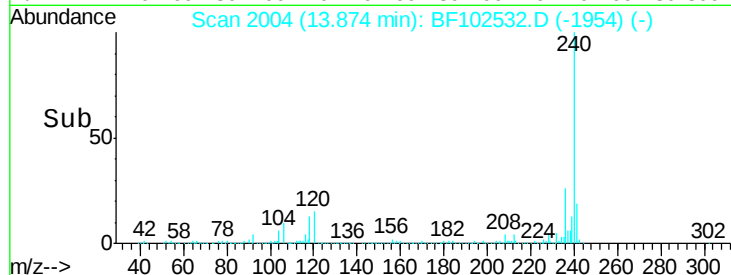
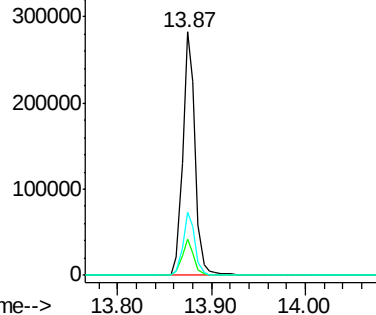
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.311 ng

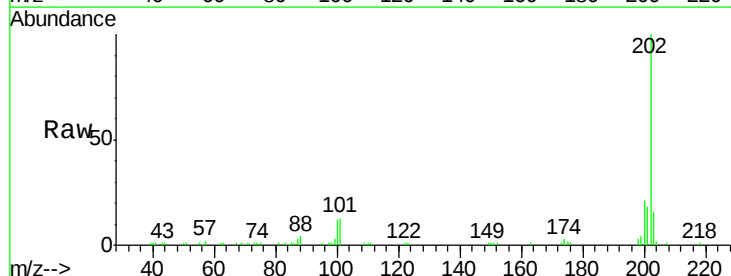
RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

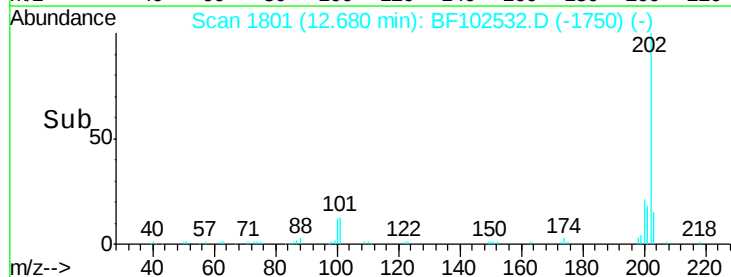
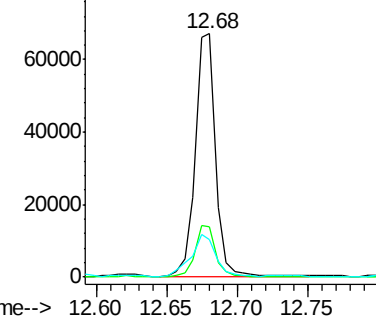
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		67812		
200	20.9	17.4	26.2		
203	15.6	14.3	21.5		

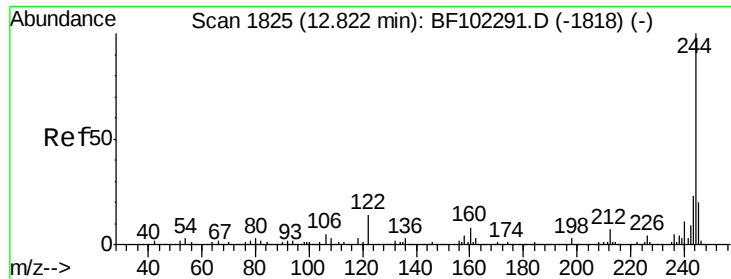


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





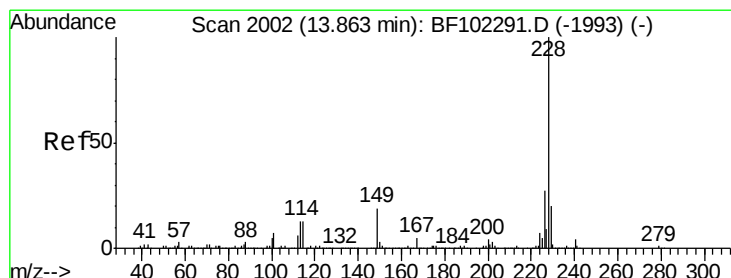
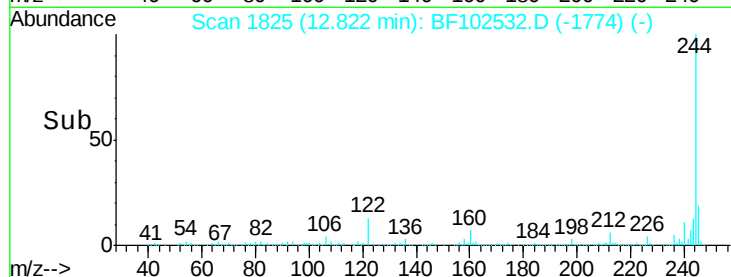
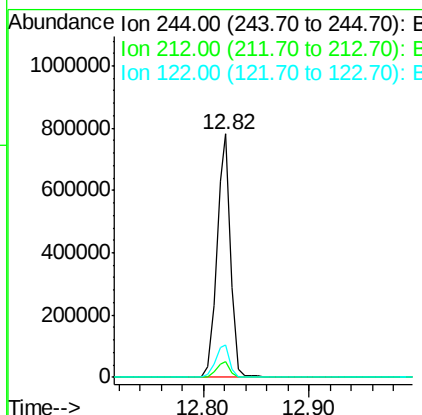
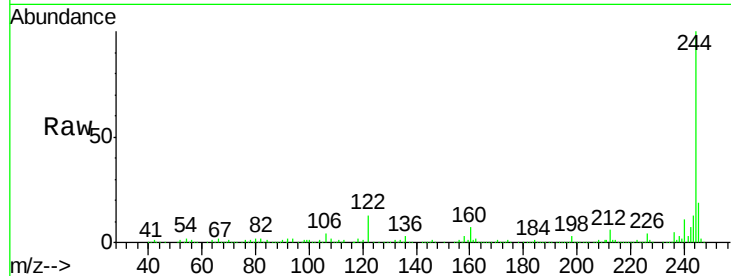
#78
 Terphenyl-d14
 Concen: 60.910 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102532.D
 Acq: 28 Jan 2018 1:12

Instrument :
 BNA_F
 ClientSampled :
 RO-3025

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.1	11.0	16.4

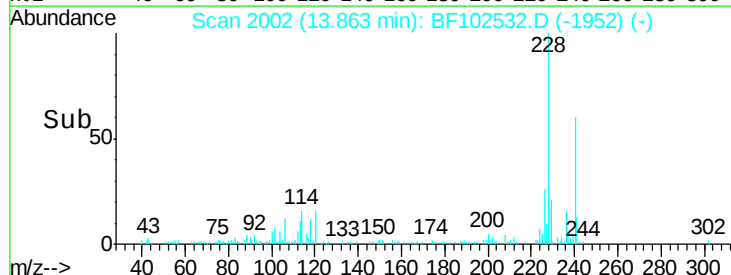
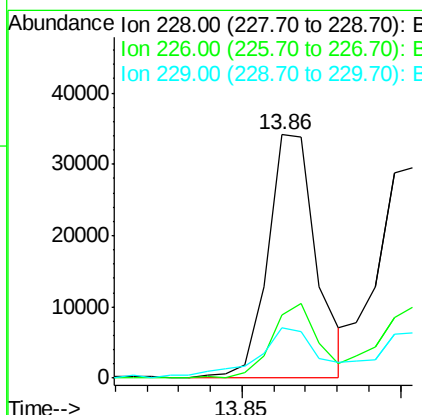
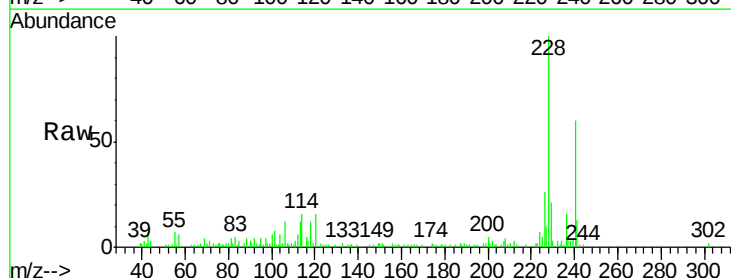
Manual Integrations
 APPROVED

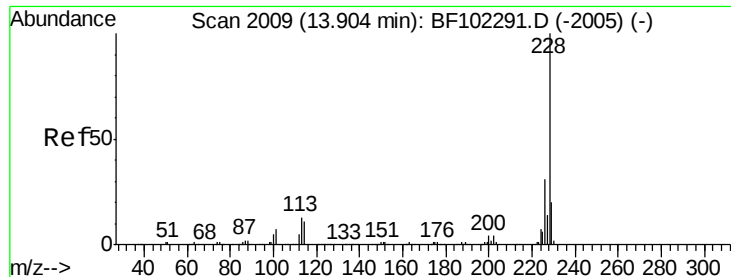
Sohil
 1/29/2018 5:44:51 PM



#80
 Benzo(a)anthracene
 Concen: 2.242 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102532.D
 Acq: 28 Jan 2018 1:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	20.6	15.8	23.6





#82

Chrysene

Concen: 2.112 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Instrument :

BNA_F

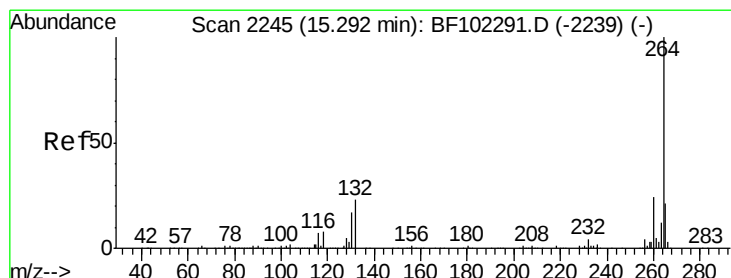
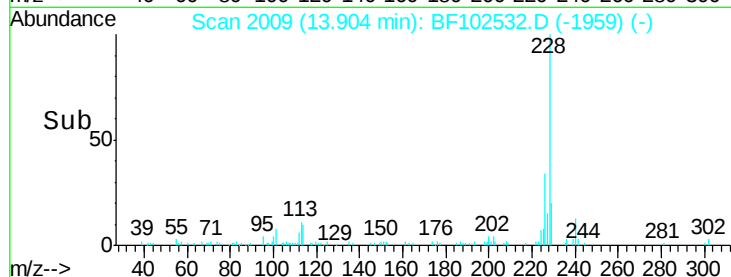
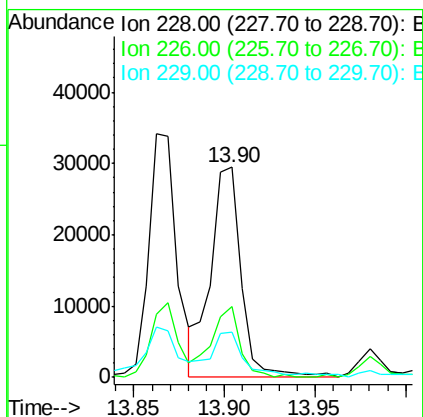
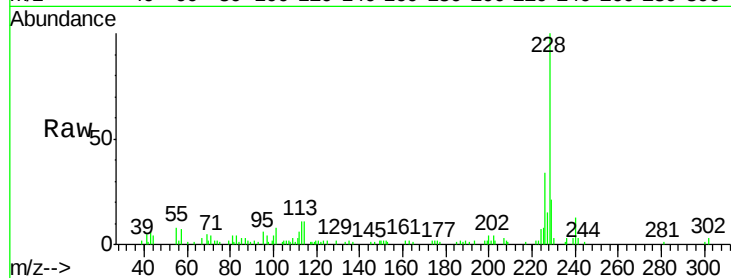
ClientSampleId :

RO-3025

Tgt Ion:	228	Resp:	34981
Ion Ratio	Lower	Upper	
228	100		
226	34.0	25.0	37.6
229	21.4	16.2	24.4

Manual Integrations
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1/29/2018 5:44:51 PM



#86

Perylene-d12

Concen: 20.000 ng

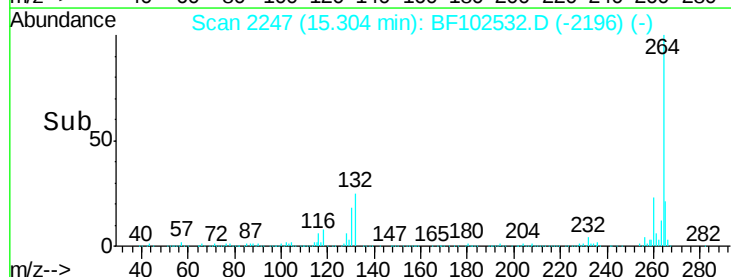
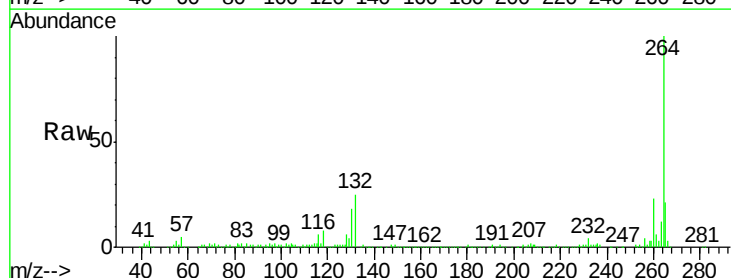
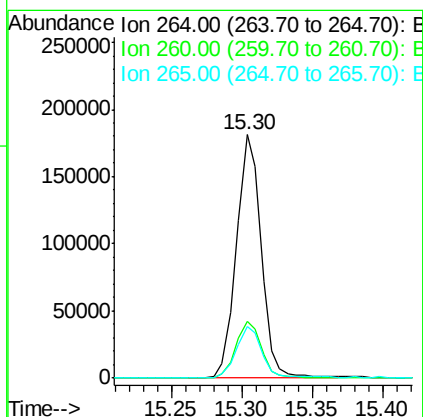
RT: 15.30 min Scan# 2247

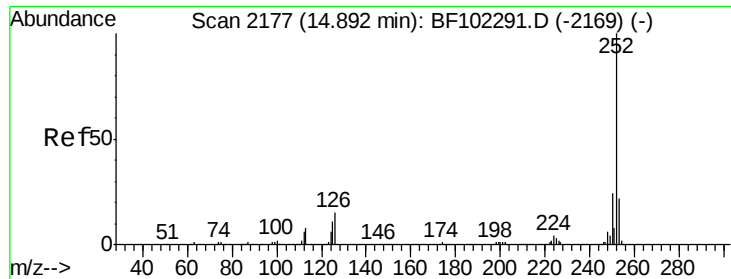
Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Tgt Ion:	264	Resp:	222366
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.977 ng m

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Instrument :

BNA_F

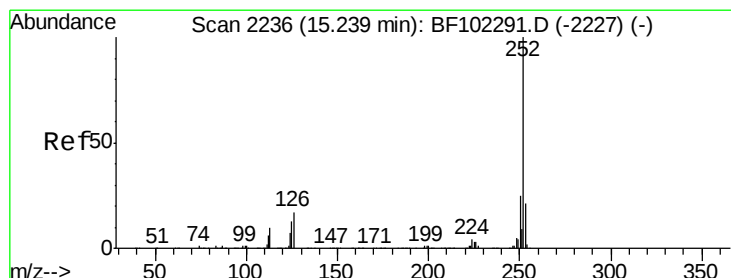
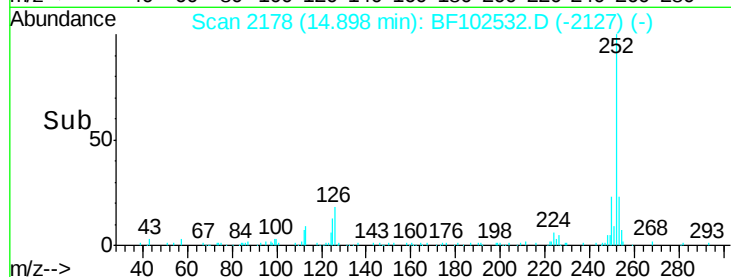
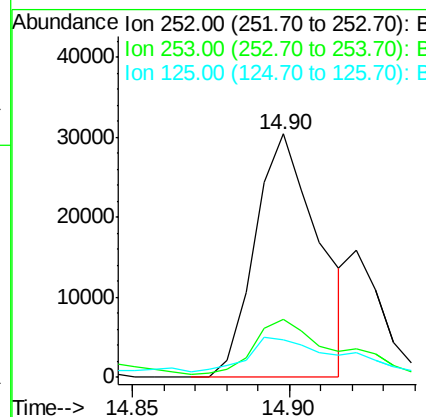
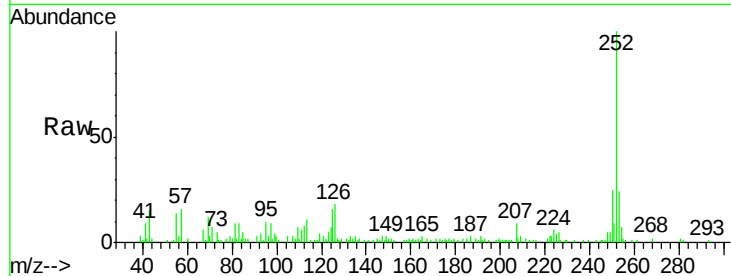
ClientSampled :

RO-3025

Tgt Ion:	252	Resp:	42906
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	15.6	9.0	13.6#

Manual Integrations
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1/29/2018 5:44:51 PM



#89

Benzo(a)pyrene

Concen: 2.111 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102532.D

Acq: 28 Jan 2018 1:12

Tgt Ion:	252	Resp:	27445
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	16.1	9.8	14.6#

