

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102535.D
 Acq On : 28 Jan 2018 2:32
 Operator : SJ/JU
 Sample : J1325-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

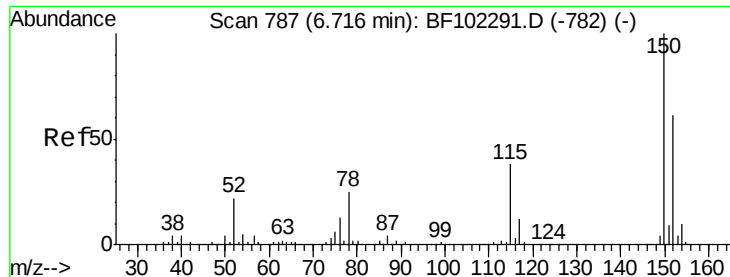
Manual Integrations
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Quant Time: Jan 28 03:46:34 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172506	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	726681	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282150	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	396954	20.00	ng	0.00
75) Chrysene-d12	13.87	240	312477	20.00	ng	0.00
86) Perylene-d12	15.30	264	254562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1254469	110.26	ng	0.00
7) Phenol-d6	6.36	99	1505271	109.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	901831	71.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	207688	74.29	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1396350	72.77	ng	0.00
78) Terphenyl-d14	12.82	244	846729	61.09	ng	0.00
Target Compounds						
10) Phenol	6.37	94	74877	5.000	ng	98
49) Dimethylphthalate	9.47	163	225452	9.667	ng	99
70) Phenanthrene	11.26	178	76104	3.290	ng	98
74) Fluoranthene	12.45	202	83855	3.555	ng	97
77) Pyrene	12.67	202	65462	2.710	ng	100
88) Benzo(k)fluoranthene	14.90	252	33679	2.161	ng #	92

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



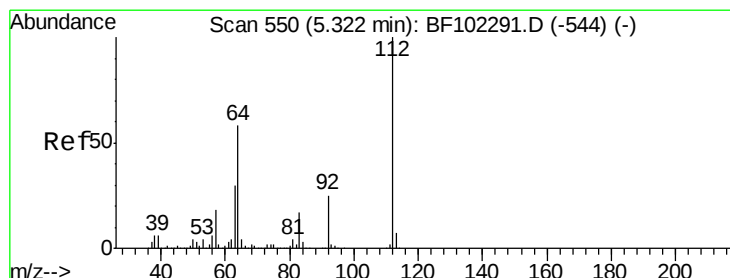
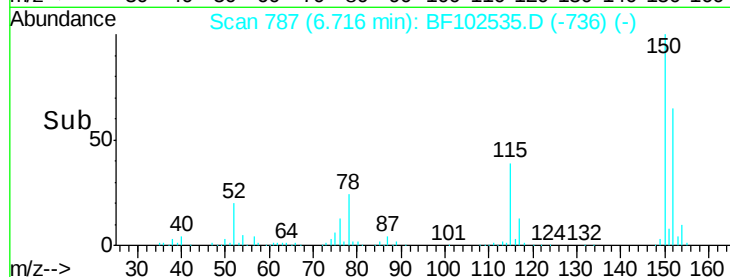
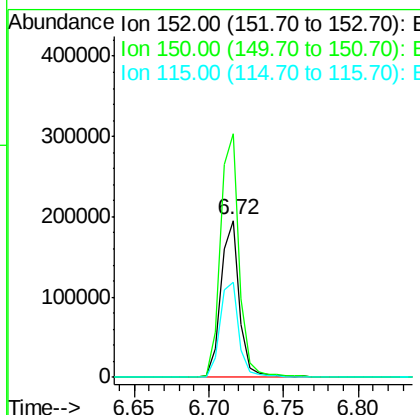
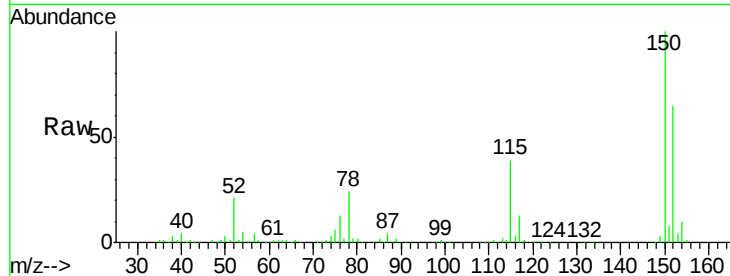
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172506		
150	154.9	124.6	186.8	
115	60.6	50.1	75.1	

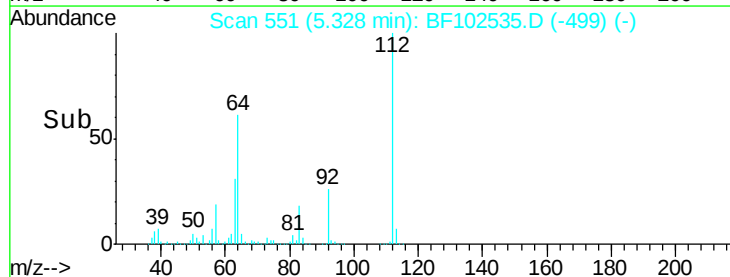
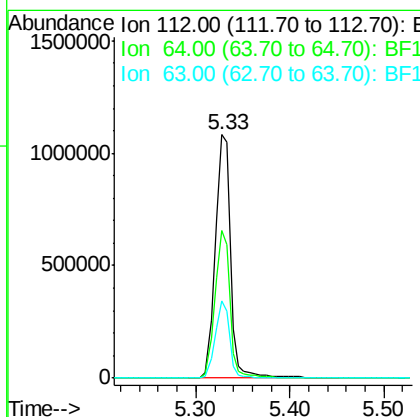
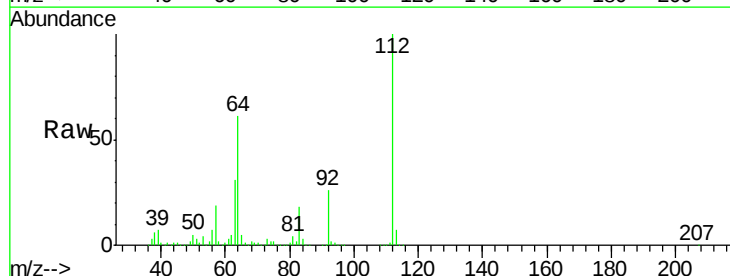
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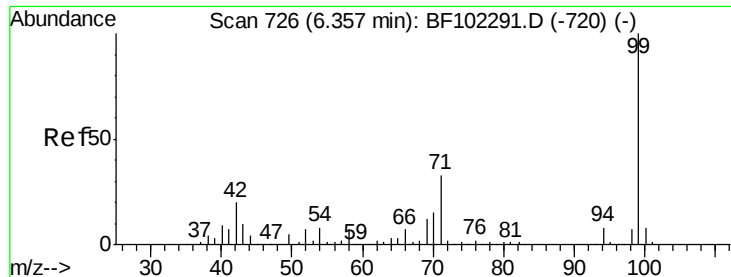
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#5
 2-Fluorophenol
 Concen: 110.263 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1254469		
64	60.7	47.9	71.9	
63	31.5	23.7	35.5	





#7

Phenol-d6

Concen: 109.745 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

Tgt Ion: 99 Resp: 1505271

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

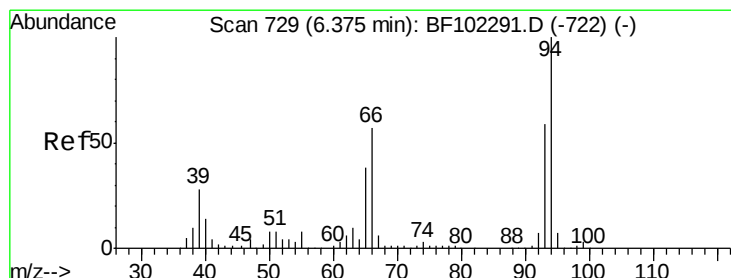
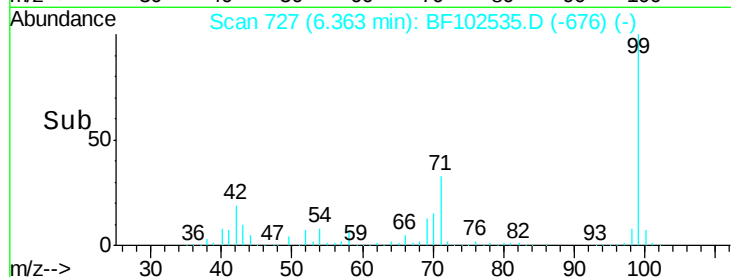
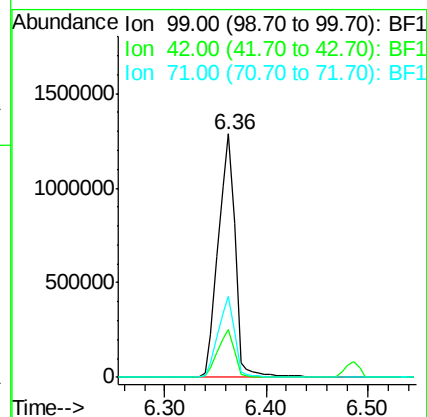
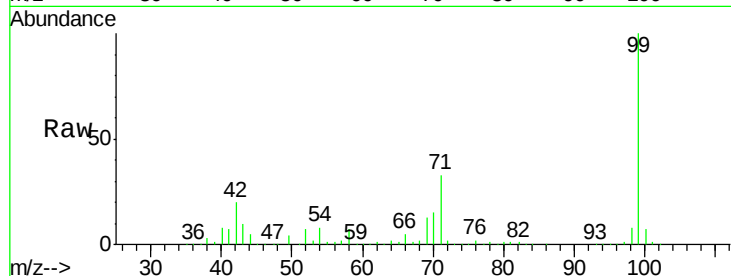
71 33.3 25.4 38.0

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#10

Phenol

Concen: 5.000 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

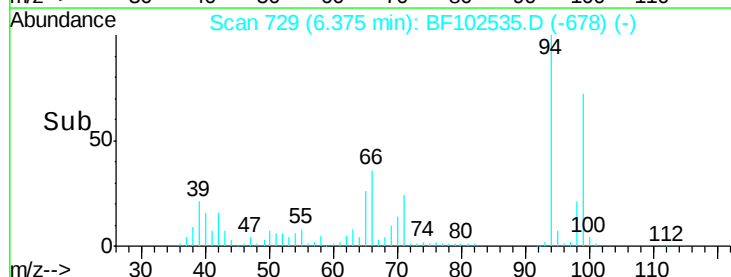
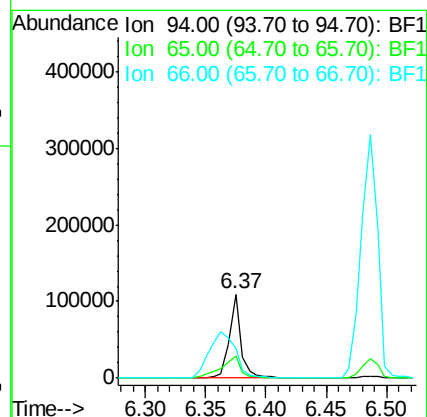
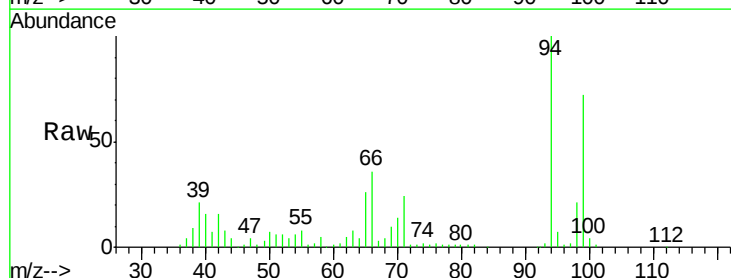
Tgt Ion: 94 Resp: 74877

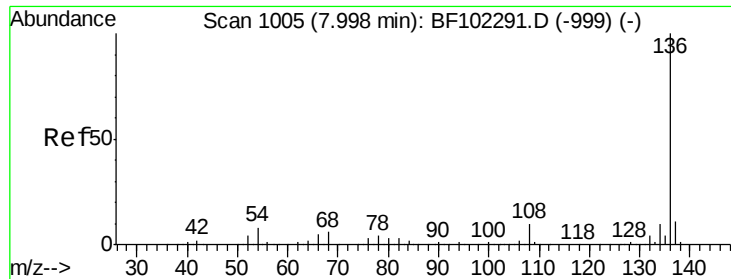
Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 35.6 16.2 56.2





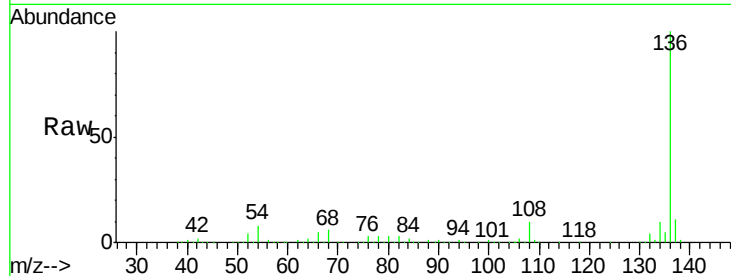
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Instrument :
BNA_F
ClientSampleId :
RO-2342

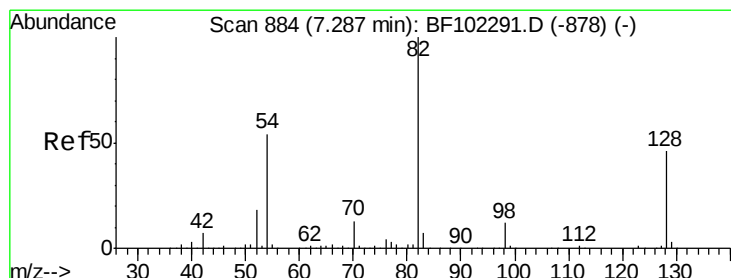
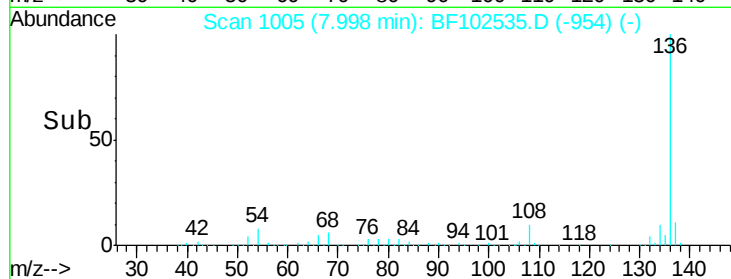
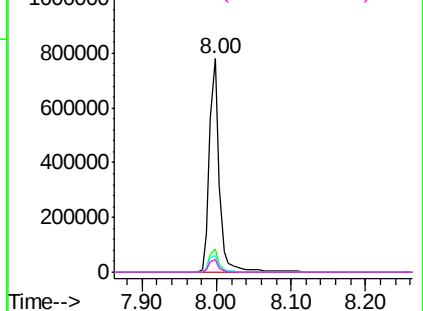
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.2	5.0	7.4

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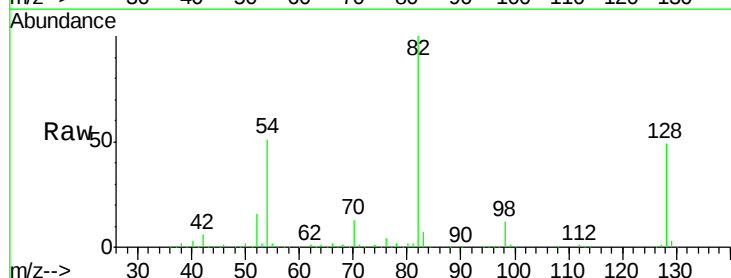


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

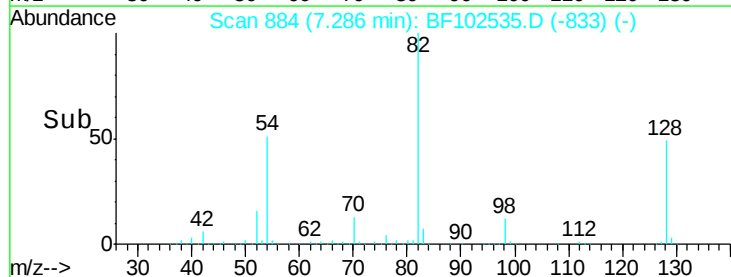
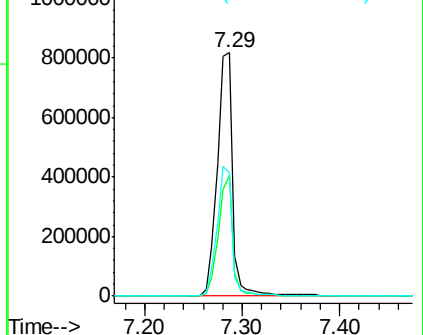


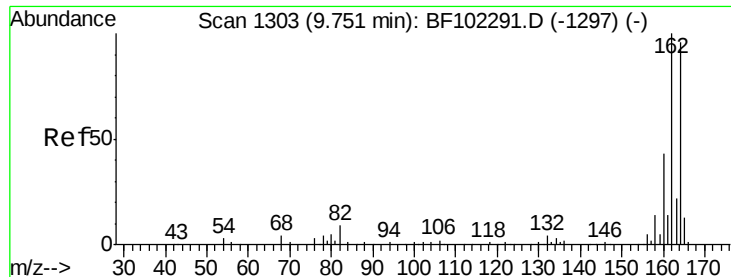
#23
Nitrobenzene-d5
Concen: 71.318 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.5	36.1	54.1
54	50.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





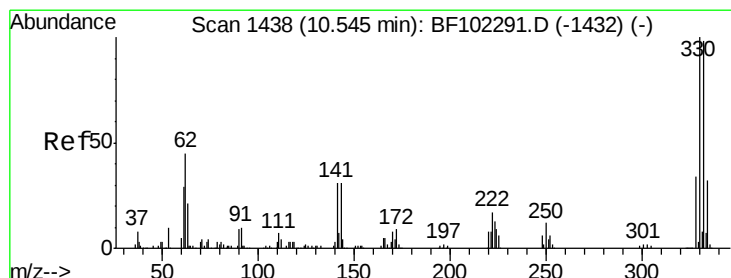
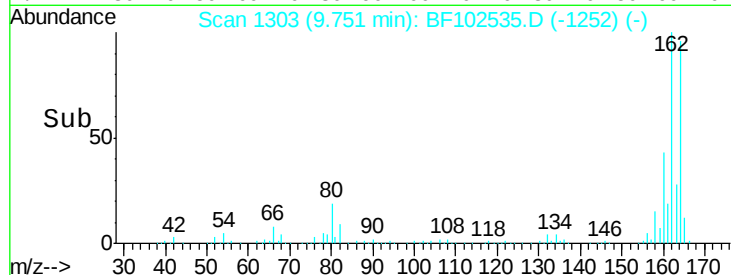
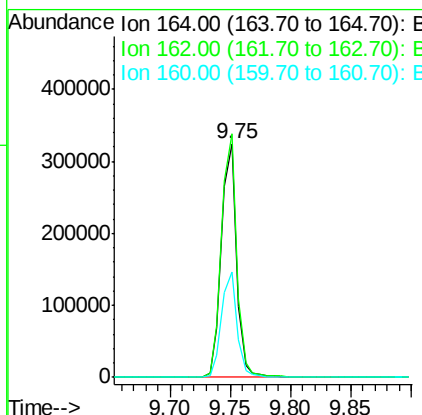
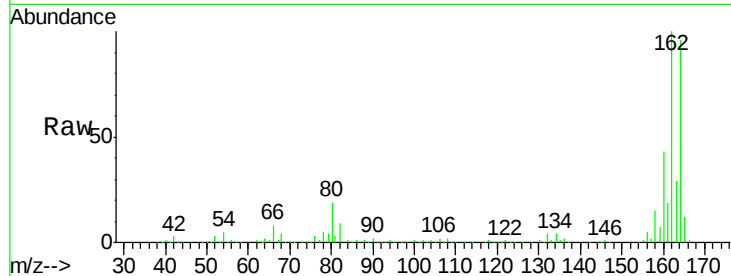
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282150		
162	104.2	86.1	129.1	
160	44.9	38.3	57.5	

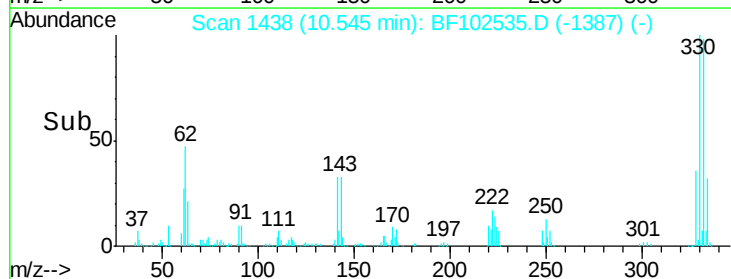
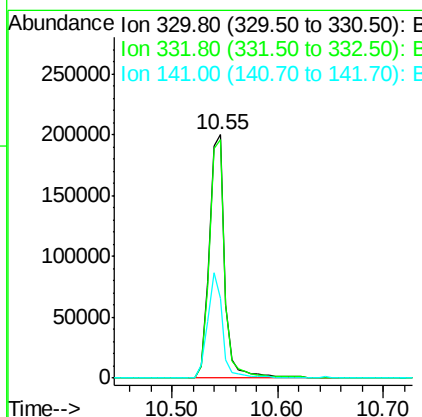
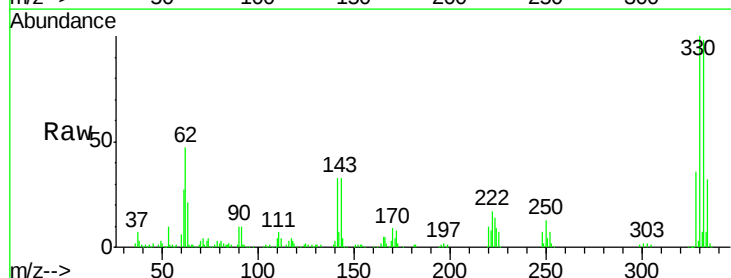
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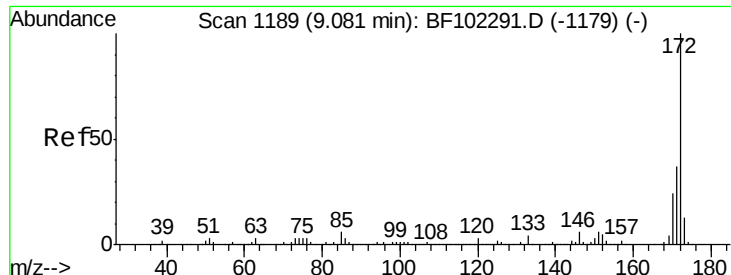
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#41
 2,4,6-Tribromophenol
 Concen: 74.288 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207688		
332	97.8	77.0	115.6	
141	41.2	29.9	44.9	





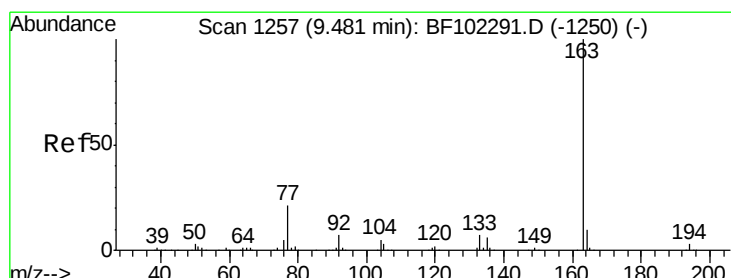
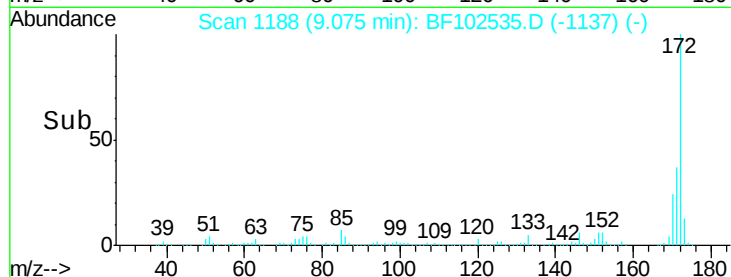
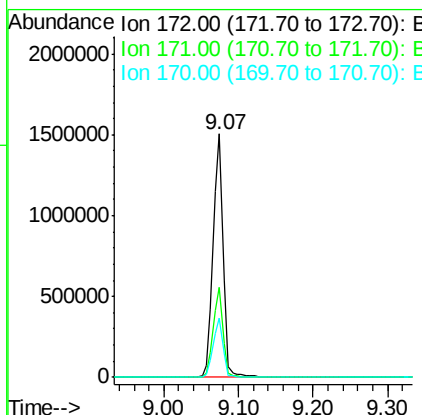
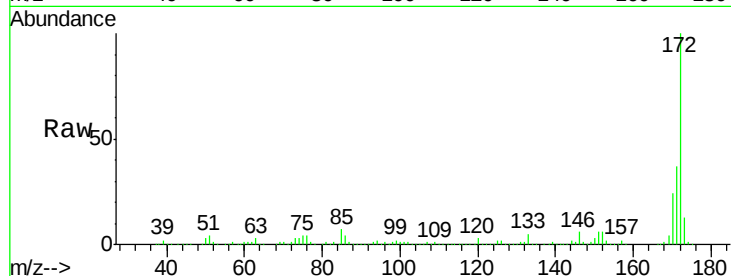
#44
2-Fluorobiphenyl
Concen: 72.767 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Instrument :
BNA_F
ClientSampleId :
RO-2342

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.5	19.6	29.4

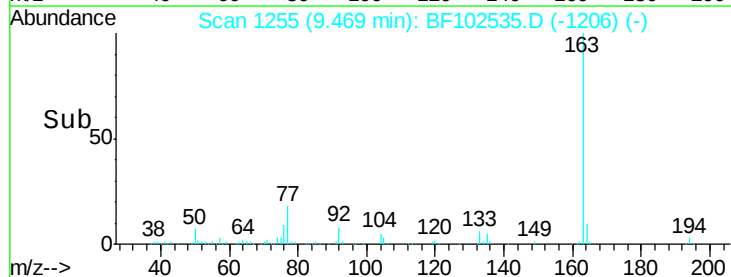
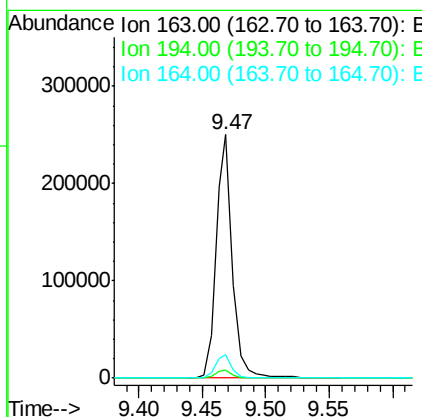
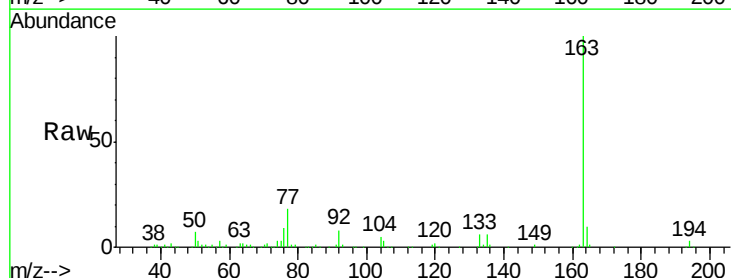
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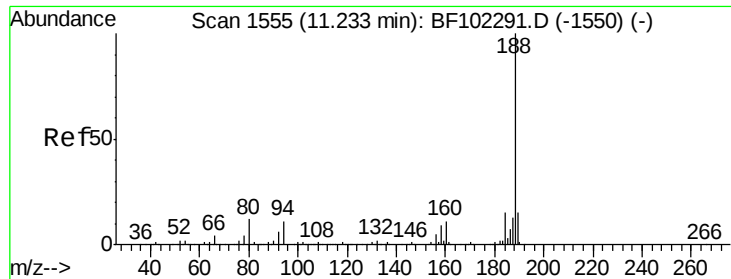
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#49
Dimethylphthalate
Concen: 9.667 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2





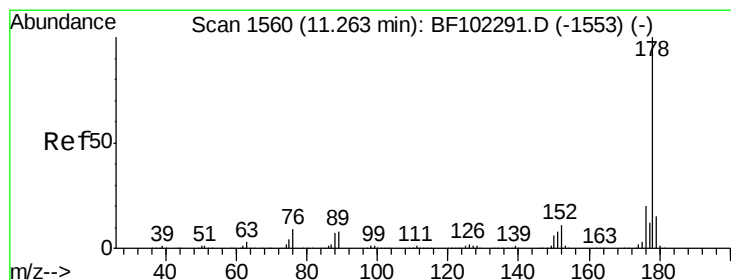
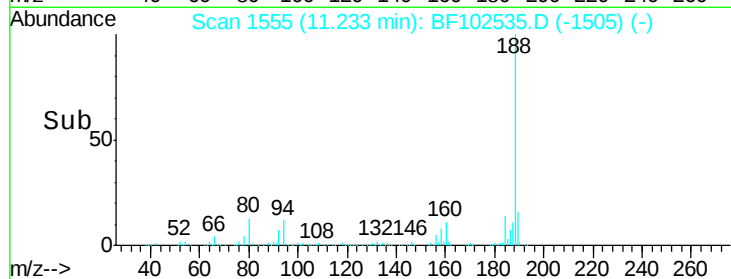
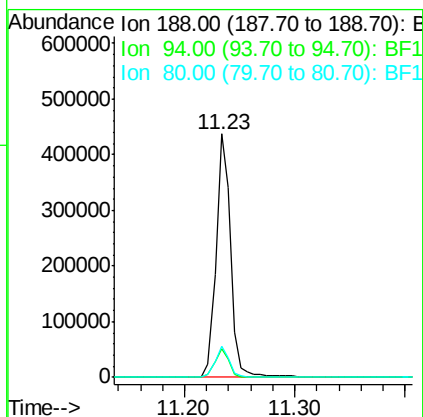
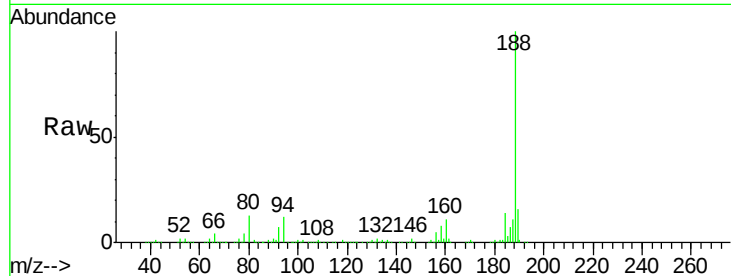
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Instrument :
BNA_F
ClientSampled :
RO-2342

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	8.5	12.7
80	12.8	9.2	13.8

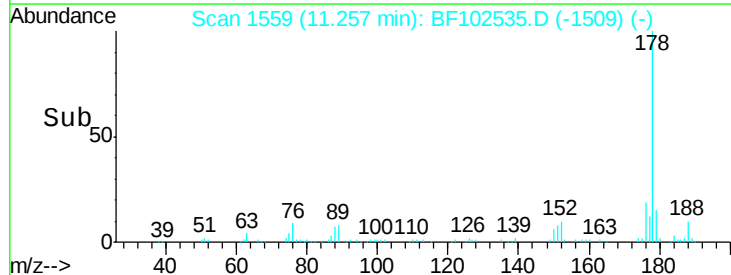
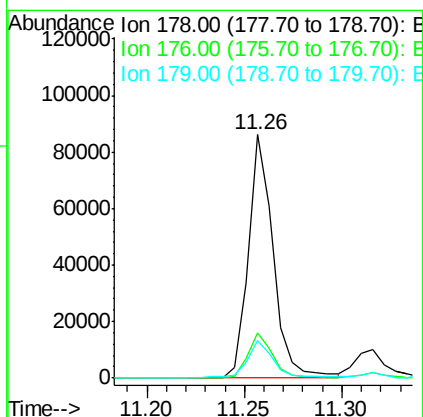
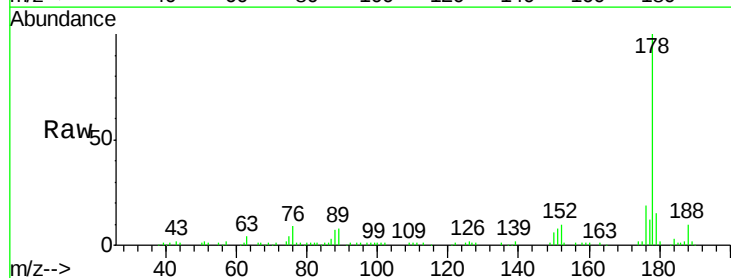
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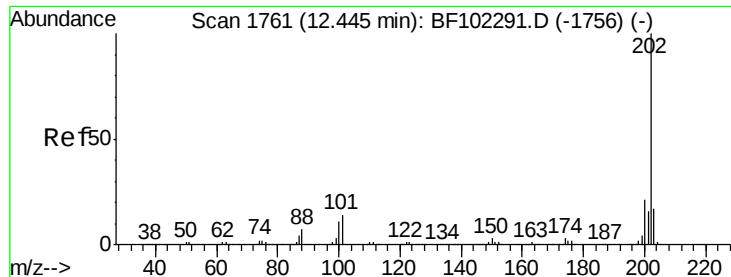
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#70
Phenanthrene
Concen: 3.290 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 3.555 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

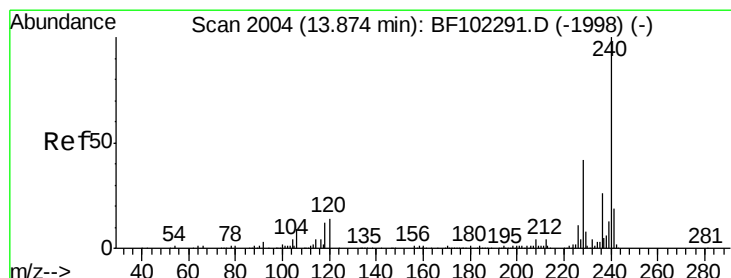
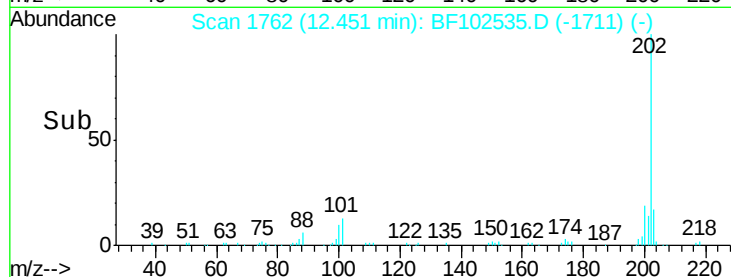
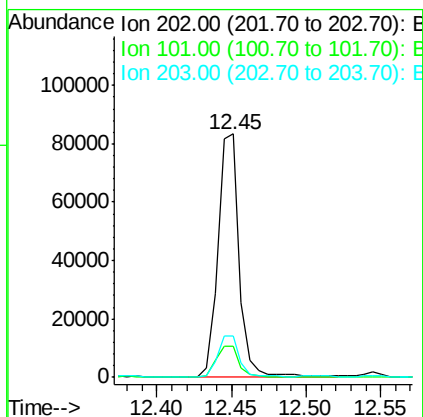
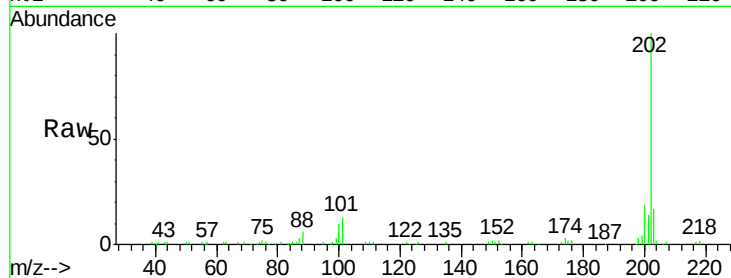
ClientSampled :

RO-2342

Tgt Ion:	202	Resp:	83855
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

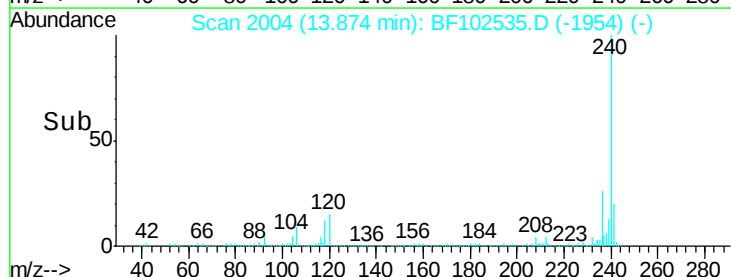
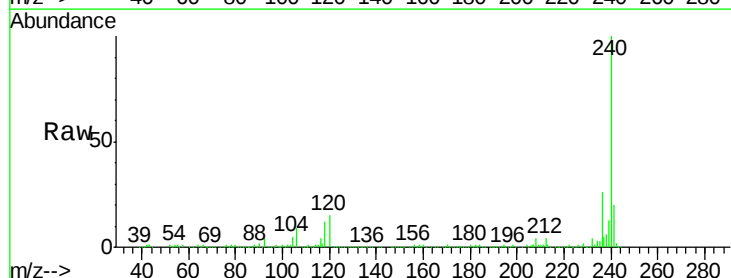
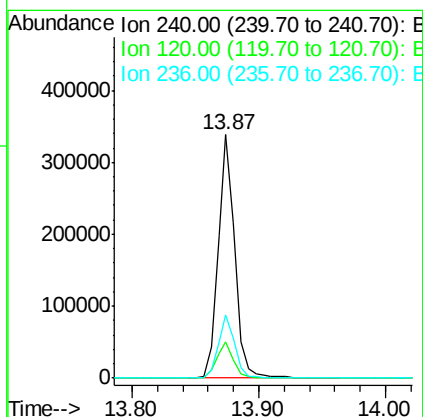
RT: 13.87 min Scan# 2004

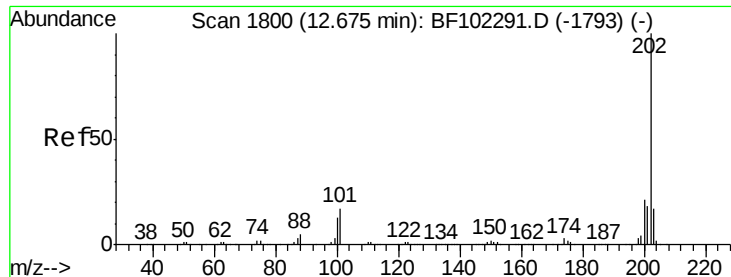
Delta R.T. -0.01 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Tgt Ion:	240	Resp:	312477
Ion Ratio	Lower	Upper	
240	100		
120	14.9	9.5	14.3#
236	26.1	20.7	31.1





#77

Pyrene

Concen: 2.710 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

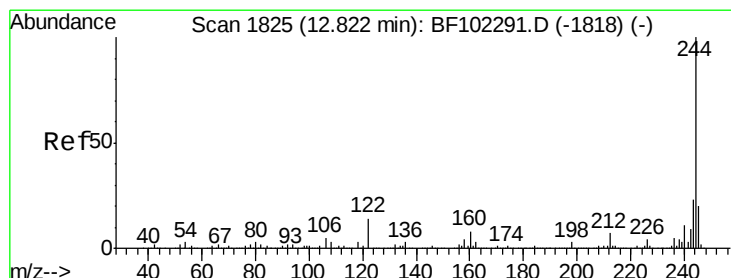
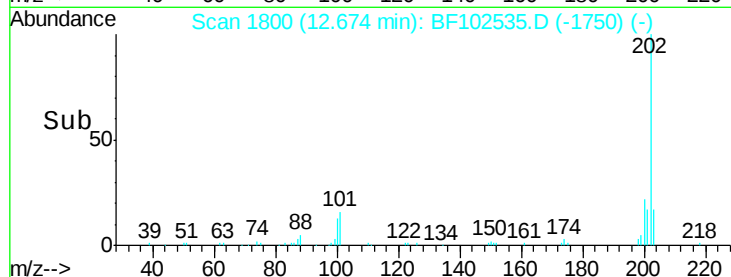
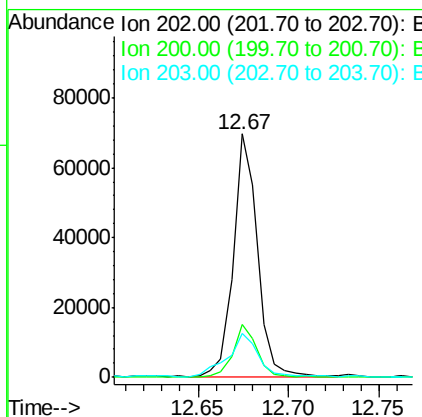
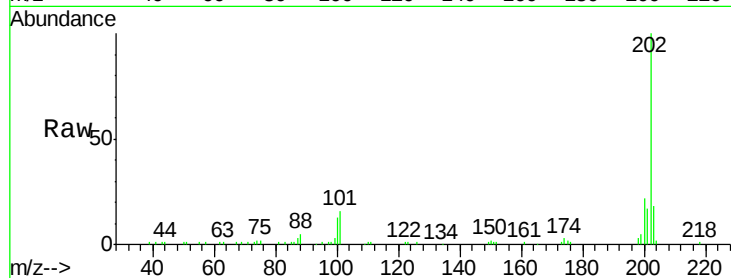
ClientSampleId :

RO-2342

Tgt Ion:	202	Resp:	65462
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5

Manual Integrations
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Sohil
1/29/2018 5:45:04 PM



#78

Terphenyl-d14

Concen: 61.087 ng

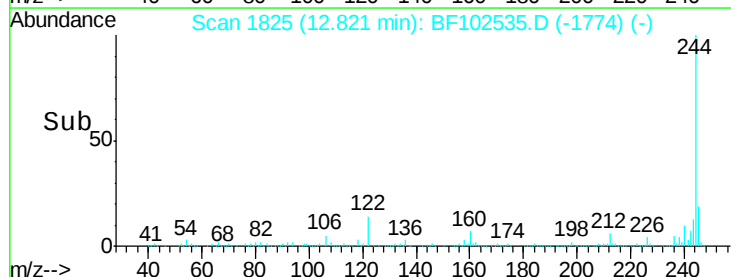
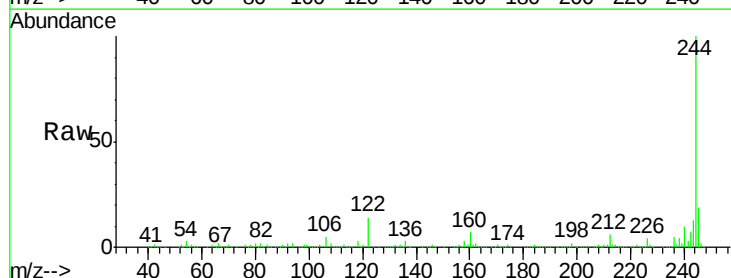
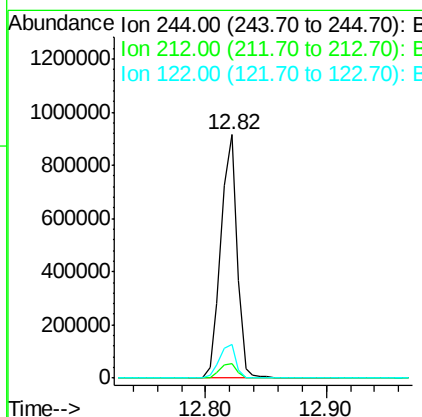
RT: 12.82 min Scan# 1825

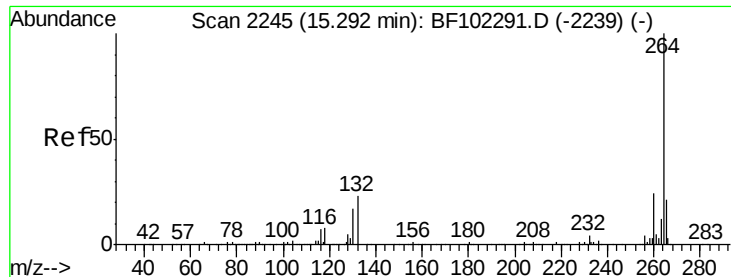
Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Tgt Ion:	244	Resp:	846729
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	13.6	11.0	16.4





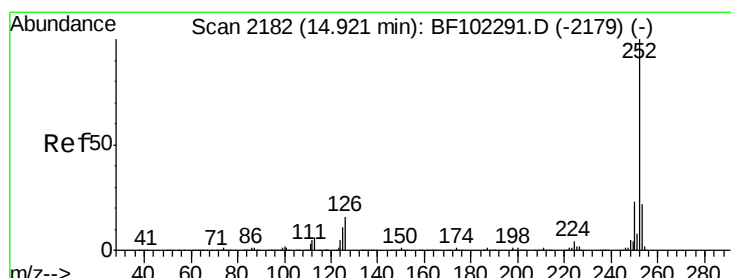
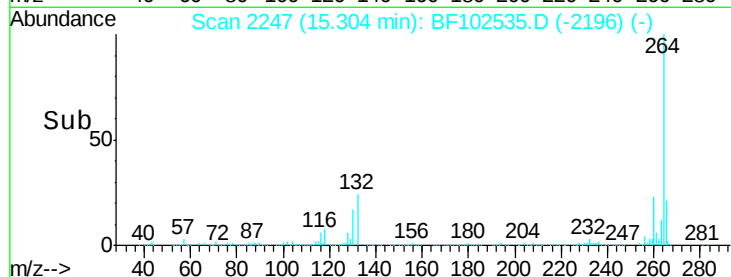
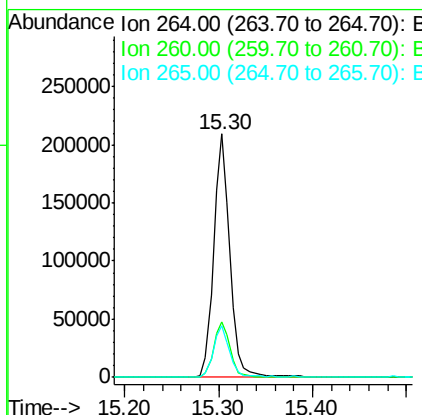
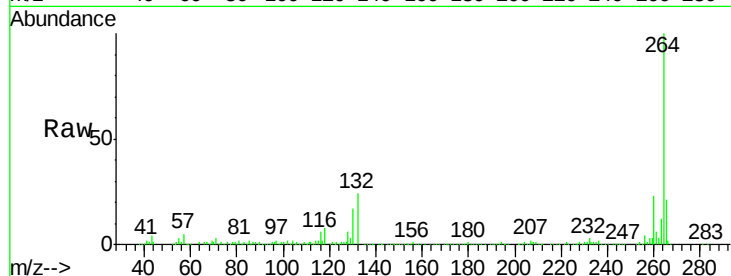
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Instrument :
BNA_F
ClientSampleId :
RO-2342

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	254562		
260	22.8	19.2	28.8	
265	21.4	17.5	26.3	

Manual Integrations
APPROVED

Sohil
1/29/2018 5:45:04 PM



#88
Benzo(k)fluoranthene
Concen: 2.161 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	33679		
253	21.4	17.9	26.9	
125	20.5	10.2	15.2#	

