

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102245.D
 Acq On : 20 Jan 2018 4:12
 Operator : SJ/JU
 Sample : J1113-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

Manual Integrations
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 1/22/2018 5:24:44 PM

Quant Time: Jan 20 05:41:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165972	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	667309	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	272106	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	392581	20.00	ng	0.00
75) Chrysene-d12	13.87	240	287788	20.00	ng	0.00
86) Perylene-d12	15.30	264	245066	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1301488	110.73	ng	0.01
7) Phenol-d6	6.37	99	1555349	110.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	1012838	89.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	283625	119.44	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1495897	85.89	ng	0.00
78) Terphenyl-d14	12.83	244	961033	69.33	ng	0.00
Target Compounds						
10) Phenol	6.37	94	35835	2.261	ng	89
49) Dimethylphthalate	9.47	163	168590	7.723	ng	98
70) Phenanthrene	11.26	178	83323	3.633	ng	98
74) Fluoranthene	12.44	202	58768	2.605	ng	97
77) Pyrene	12.67	202	80250	3.155	ng	97
82) Chrysene	13.90	228	39198	2.047	ng	# 90
87) Benzo(b)fluoranthene	14.89	252	33800m	2.115	ng	

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

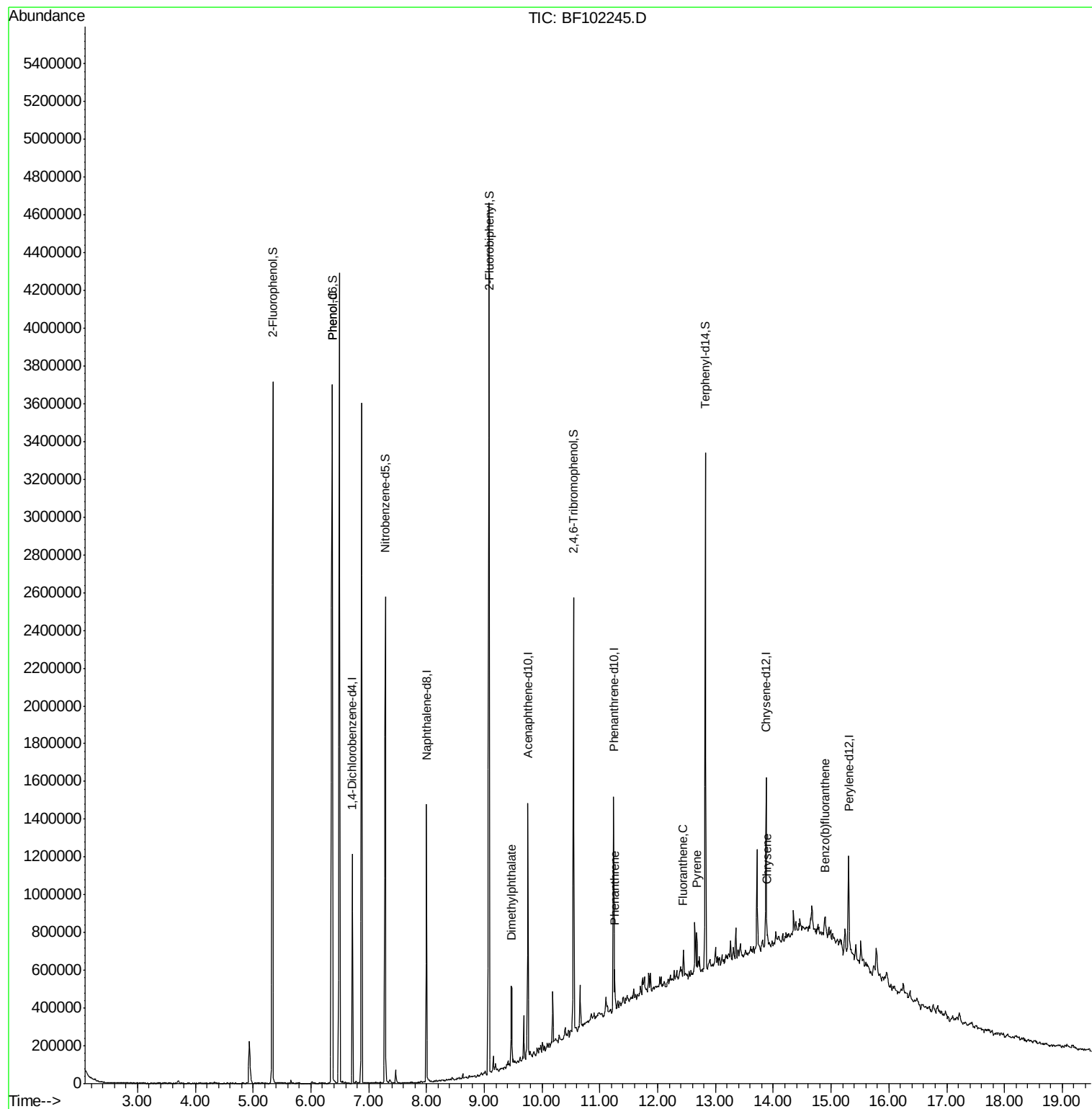
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102245.D
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Sample : J1113-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

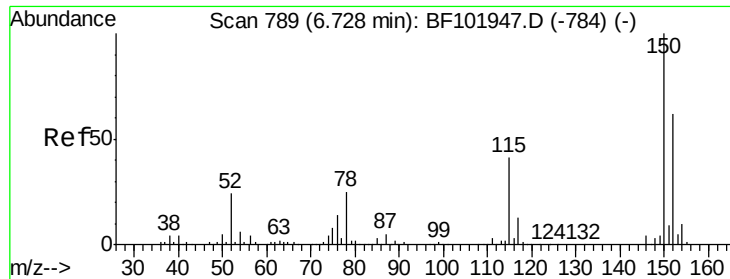
Instrument :
BNA_F
ClientSampleId :
SB-14-2.5-3.0

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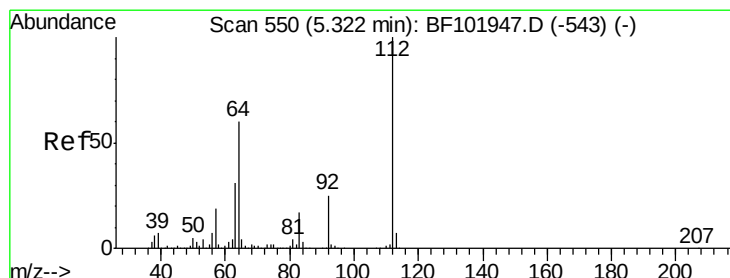
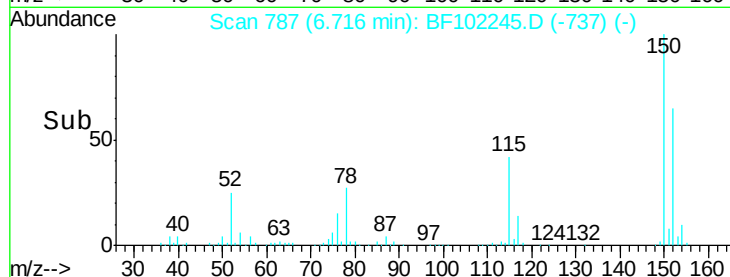
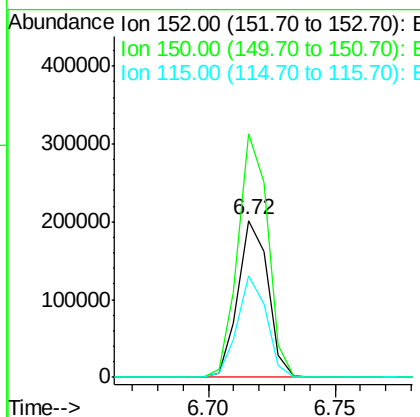
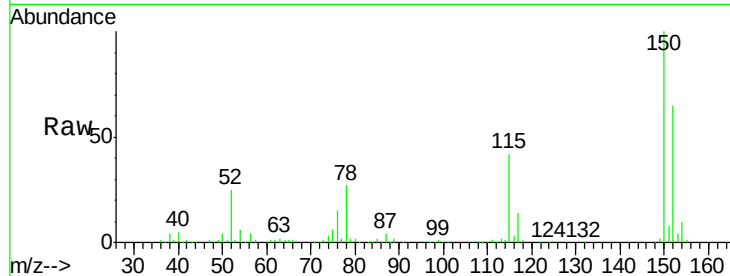
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102245.D
 Acq: 20 Jan 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	64.4	50.1	75.1

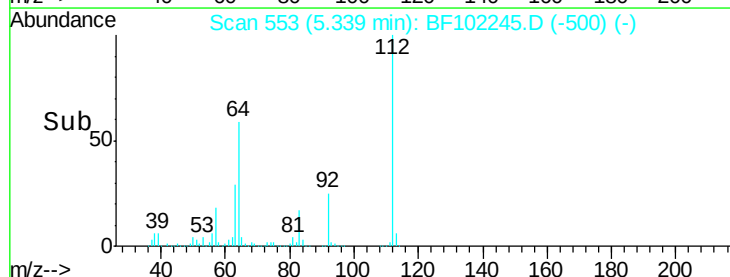
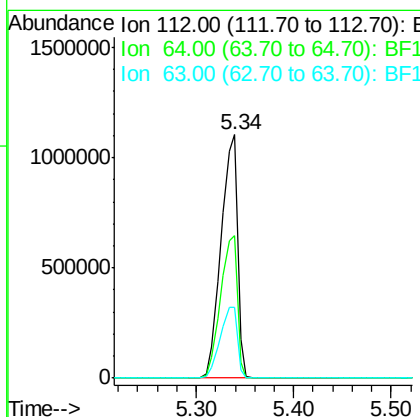
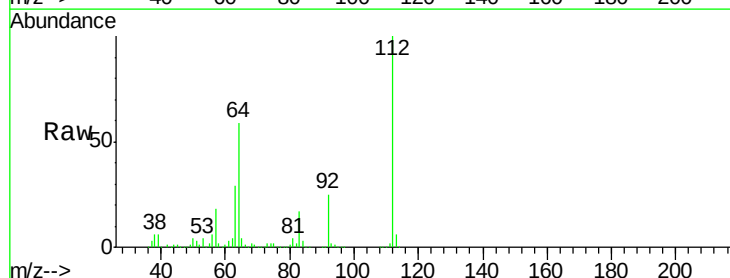
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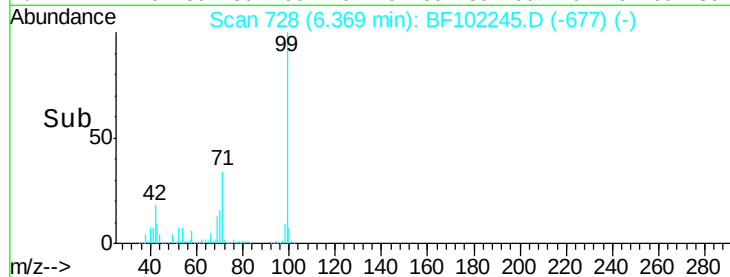
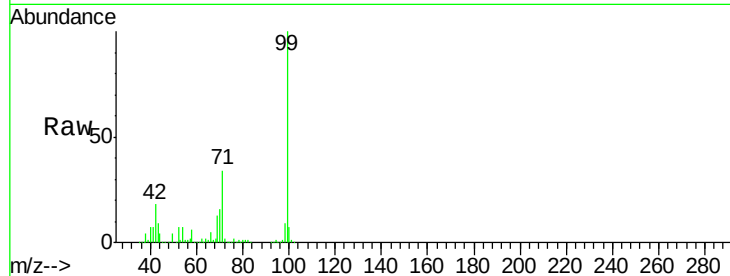
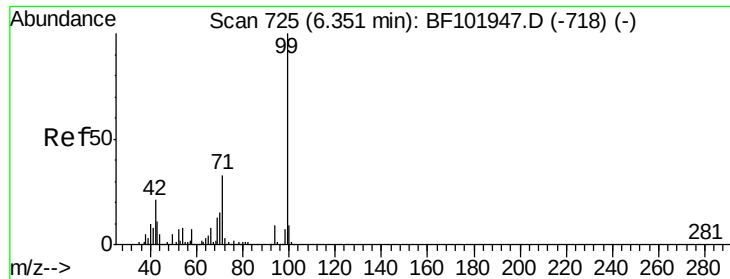
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#5
 2-Fluorophenol
 Concen: 110.730 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102245.D
 Acq: 20 Jan 2018 4:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 110.911 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

Tot Ion: 99 Resp: 1555349

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 34.0 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

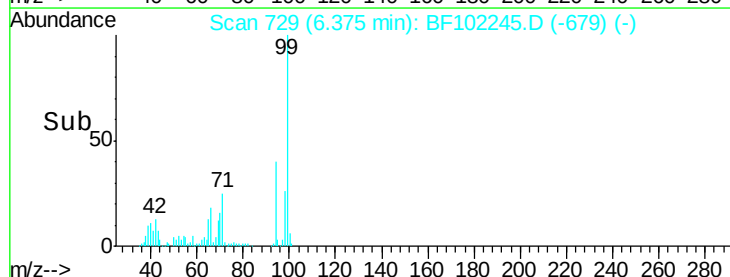
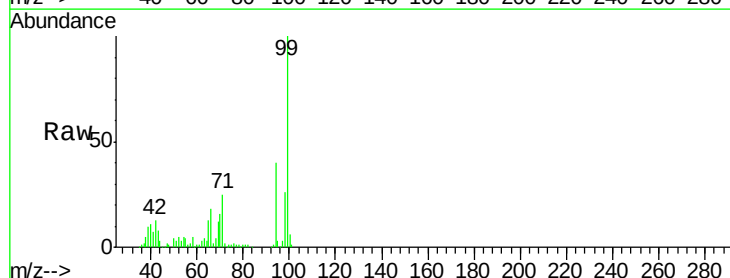
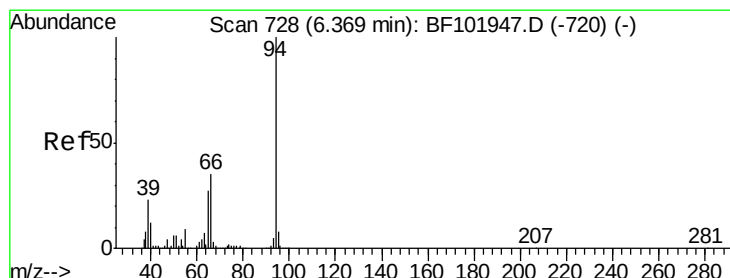
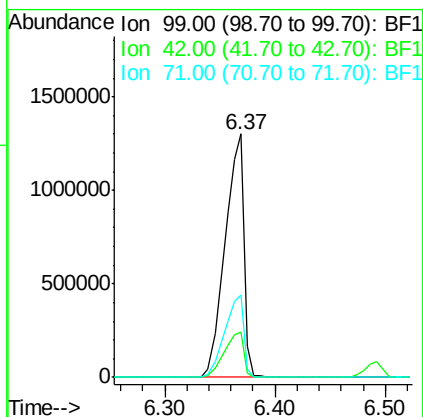
SB-14-2.5-3.0

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#10

Phenol

Concen: 2.261 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

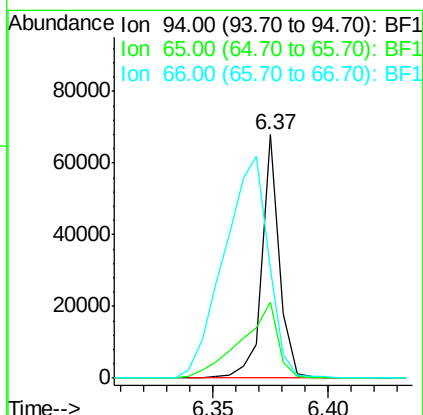
Tgt Ion: 94 Resp: 35835

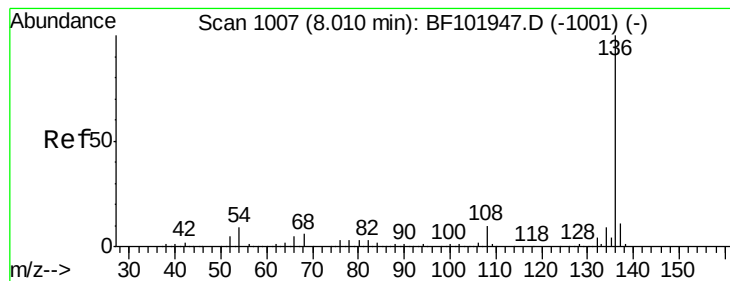
Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

66 45.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

Instrument :

BNA_F

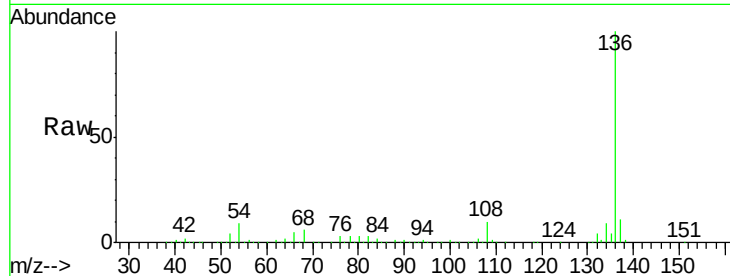
ClientSampled :

SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

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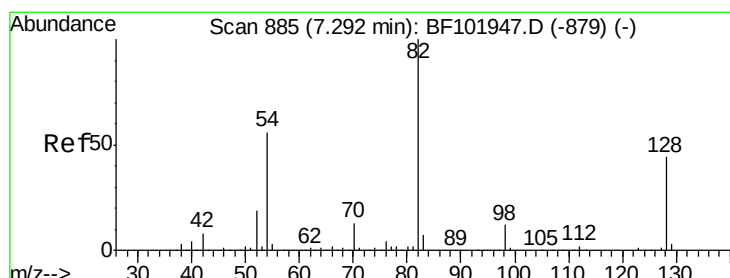
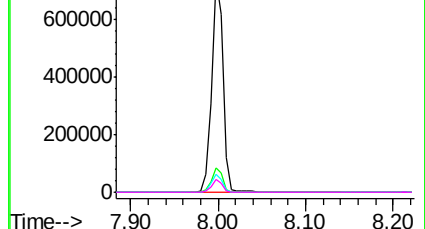
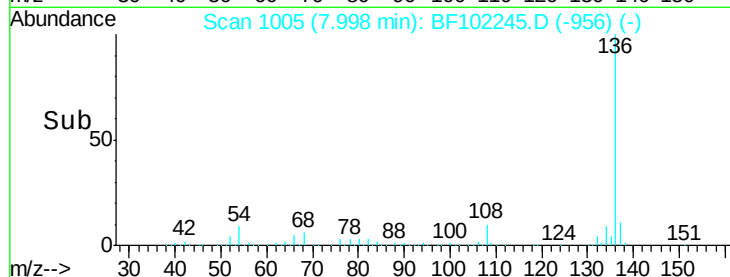


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.192 ng

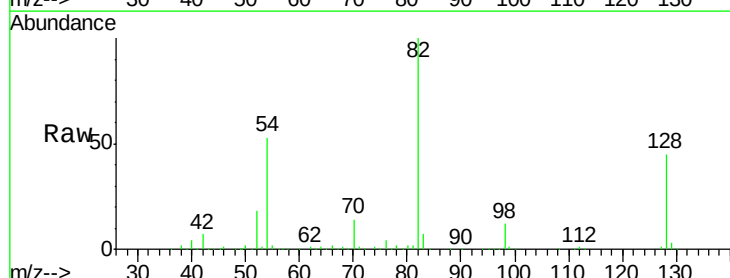
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

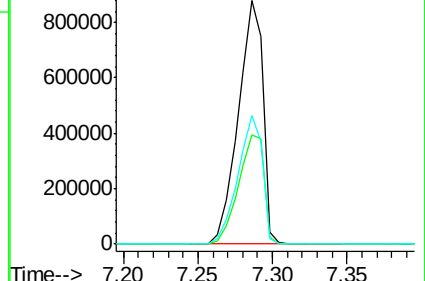
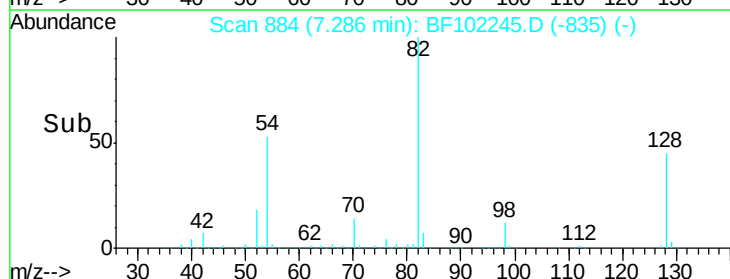
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	52.9	41.4	62.2

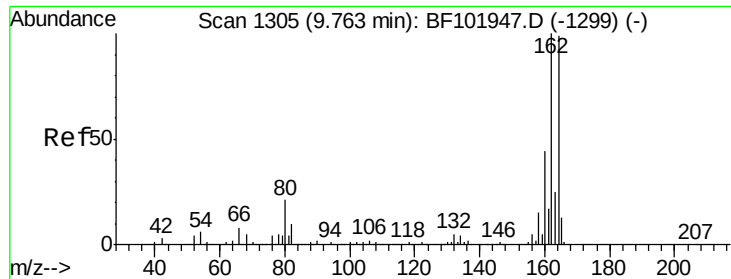


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





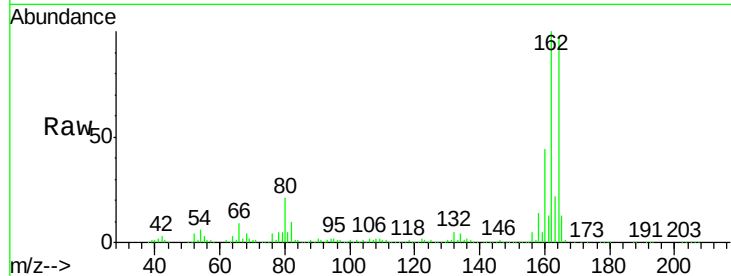
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102245.D
 Acq: 20 Jan 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

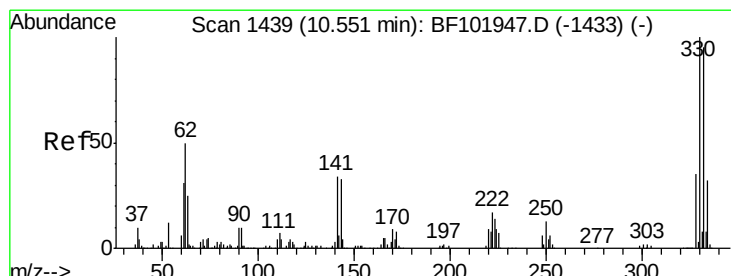
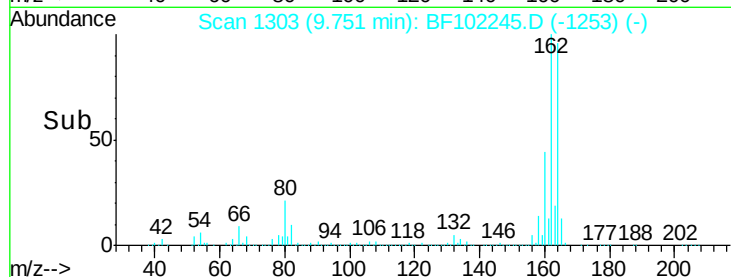
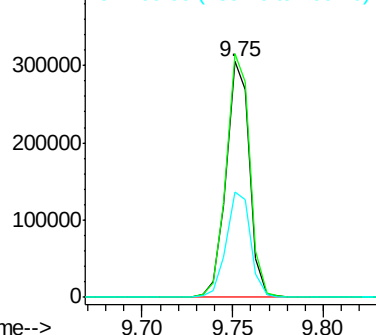
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	45.0	38.3	57.5	

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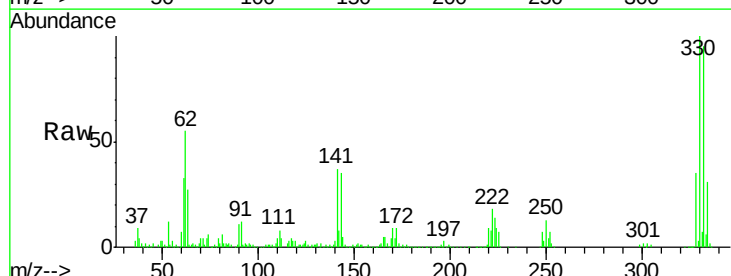


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

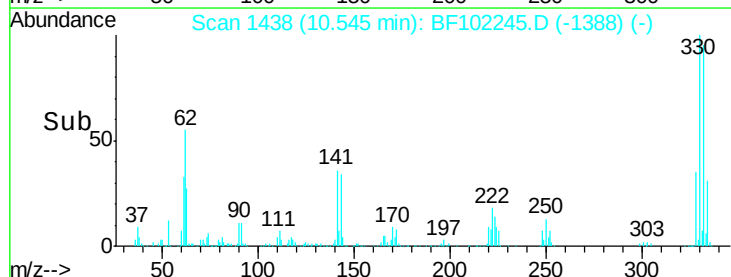
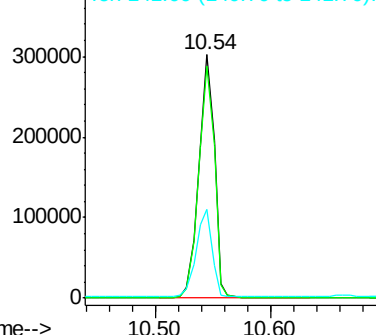


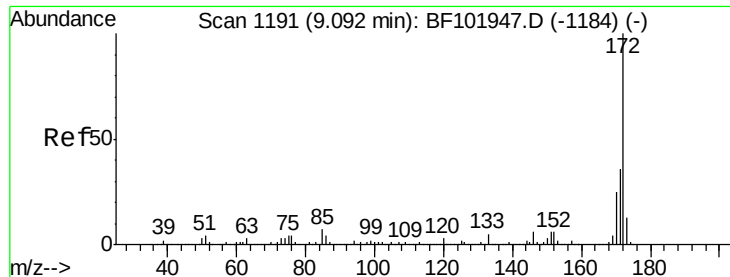
#41
 2,4,6-Tribromophenol
 Concen: 119.439 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102245.D
 Acq: 20 Jan 2018 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	36.9	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 85.886 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

SB-14-2.5-3.0

Tot Ion:172 Resp: 1495897

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

172 100

171 36.8 29.7 44.5

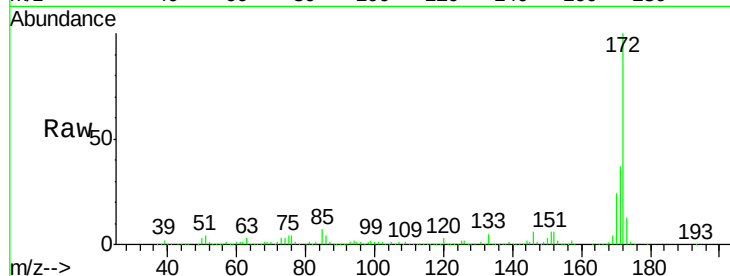
170 24.3 19.6 29.4

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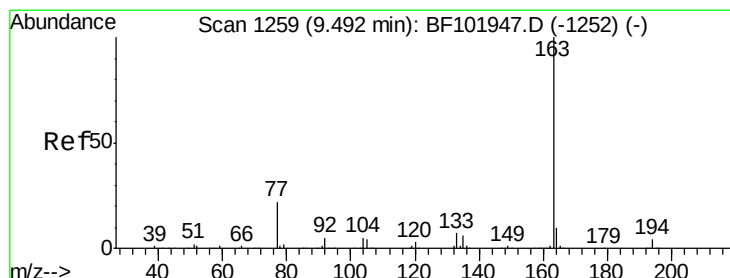
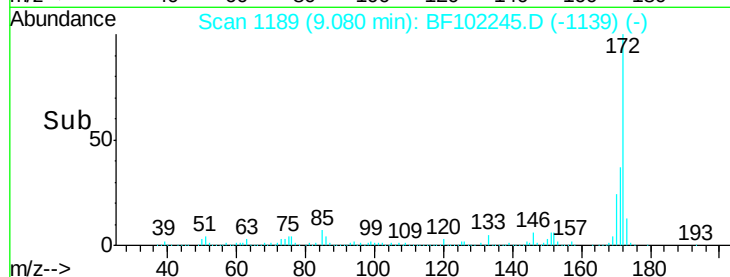
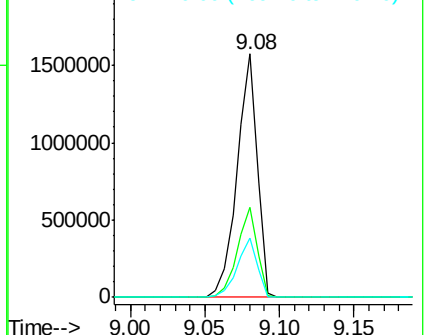


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 7.723 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102245.D

Acq: 20 Jan 2018 4:12

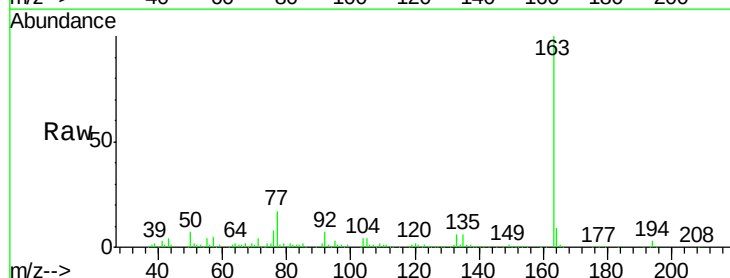
Tgt Ion:163 Resp: 168590

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.0	8.2	12.2

163 100

194 3.4 2.7 4.1

164 9.0 8.2 12.2

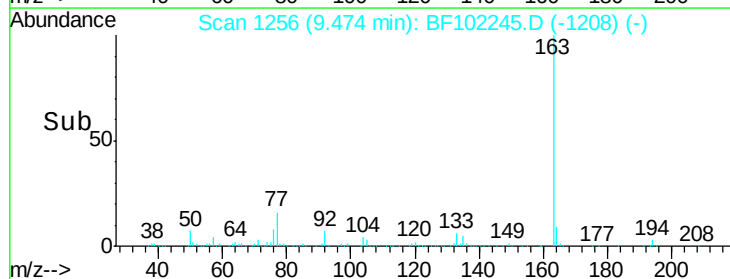
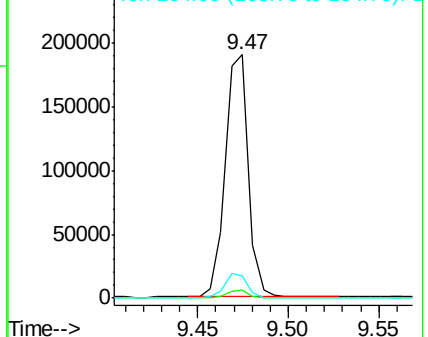


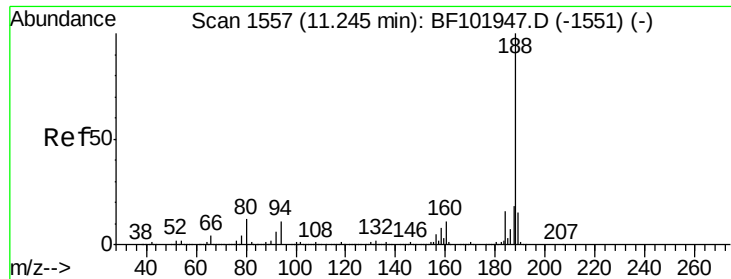
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





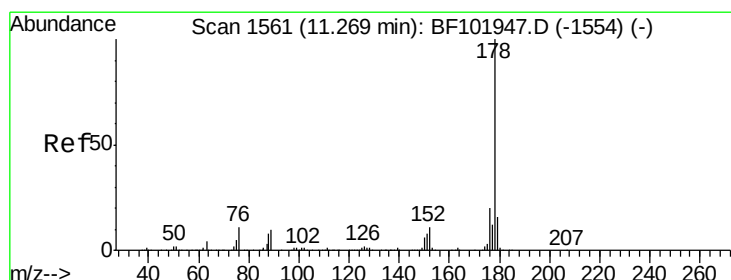
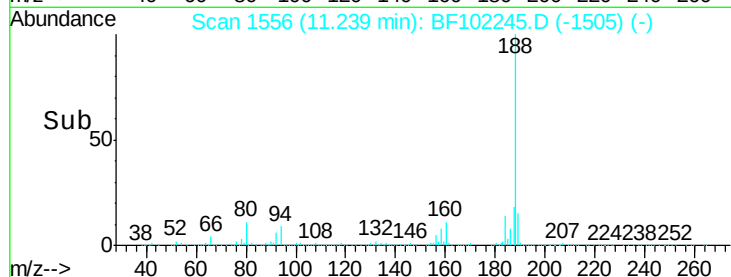
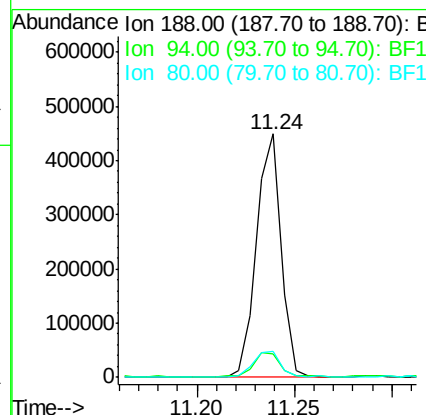
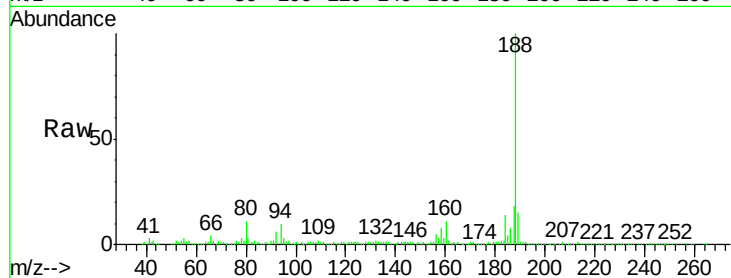
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

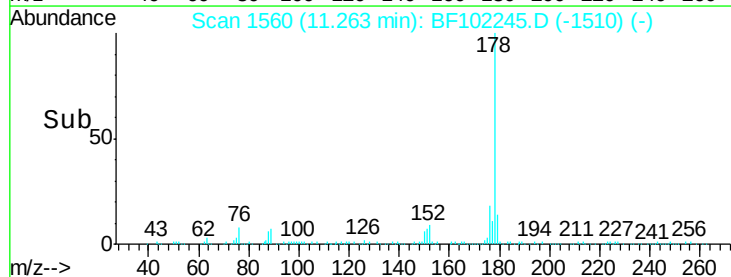
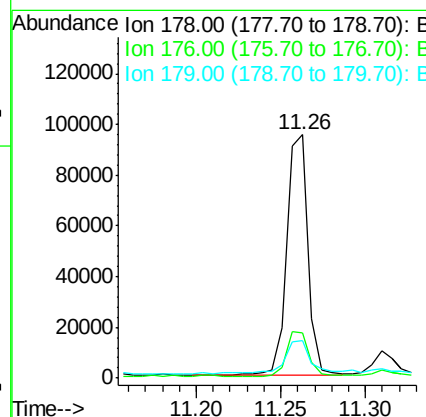
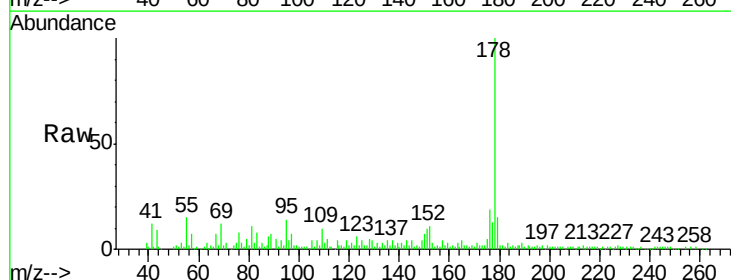
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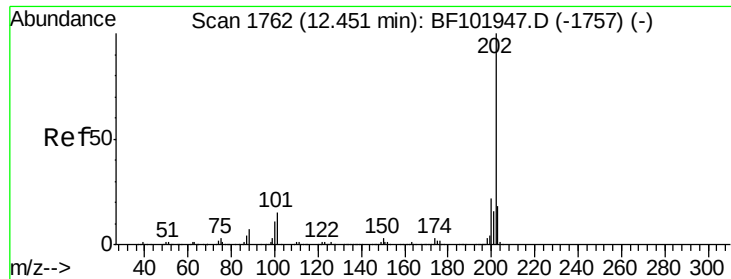
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#70
Phenanthrene
Concen: 3.633 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.4	13.0	19.6





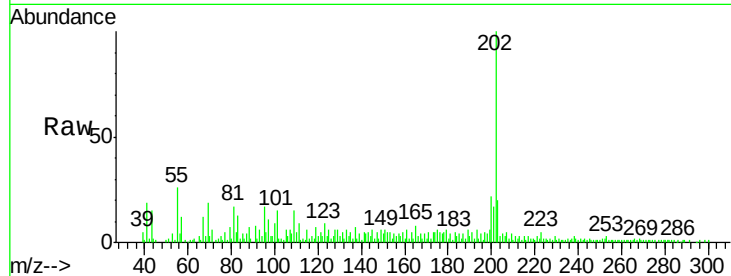
#74
Fluoranthene
Concen: 2.605 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :
SB-14-2.5-3.0

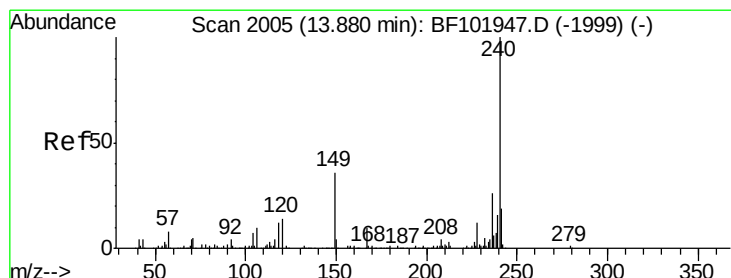
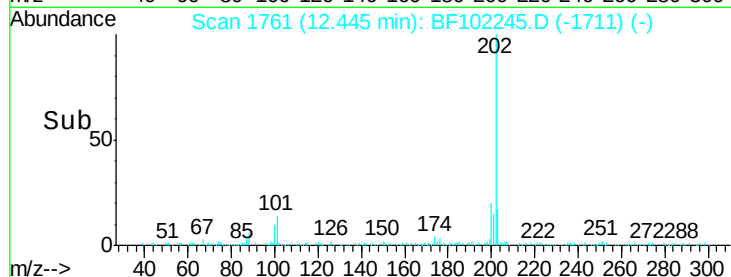
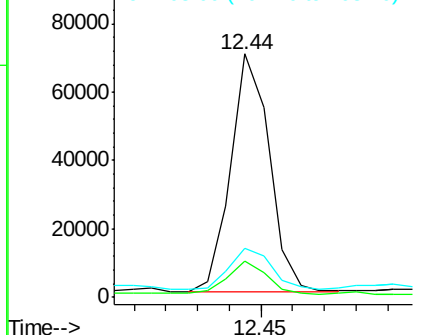
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	0.0	34.1
203	20.3	0.0	38.1

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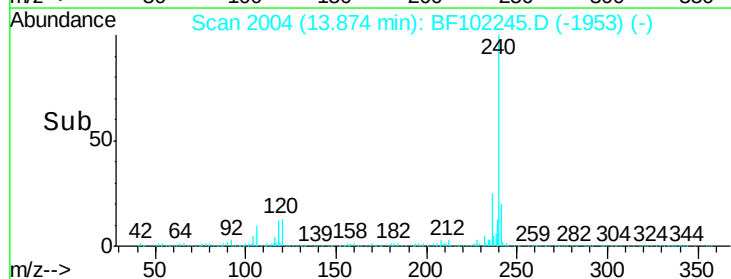
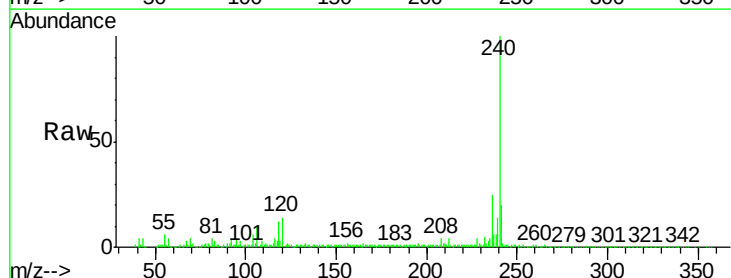
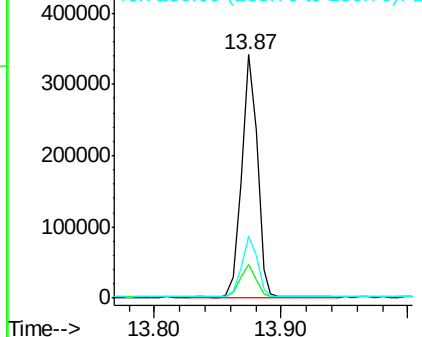
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

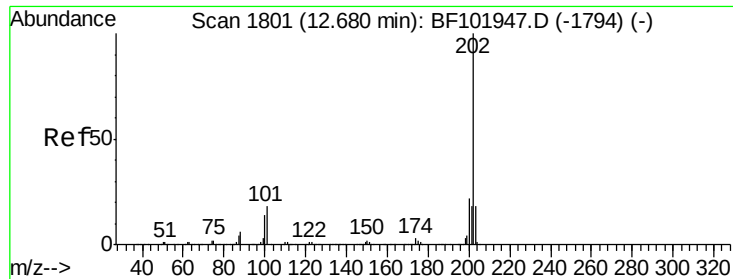


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.3	20.7	31.1

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





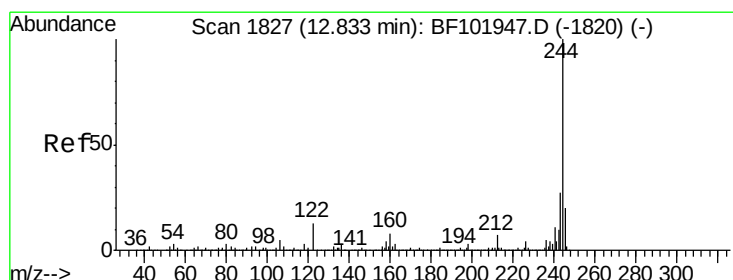
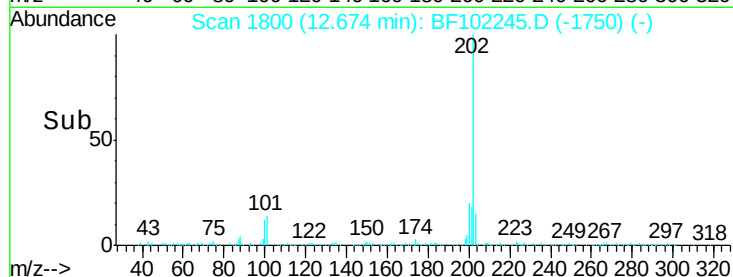
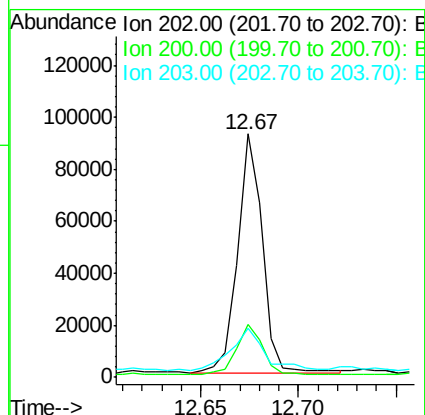
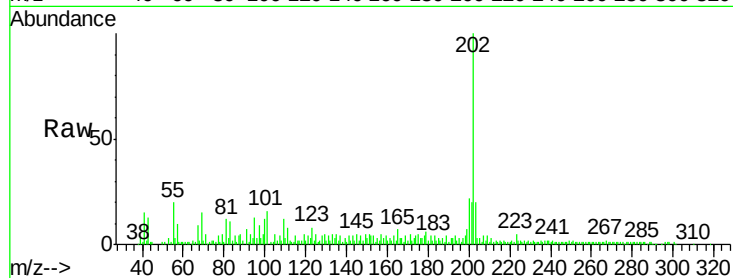
#77
Pvrene
Concen: 3.155 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :
SB-14-2.5-3.0

Tot Ion:	202	Resp:	80250
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	20.2	14.3	21.5

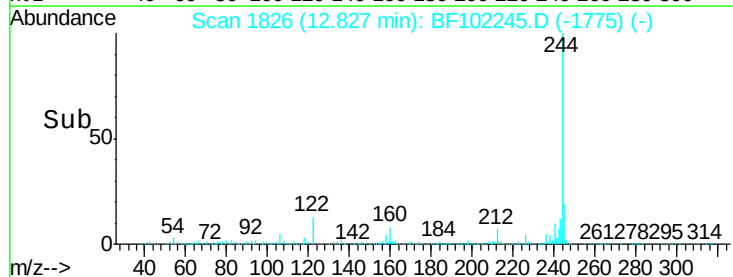
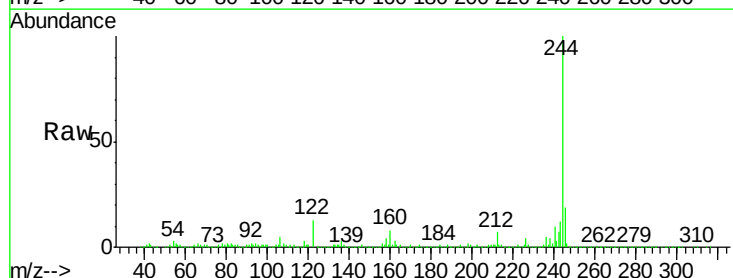
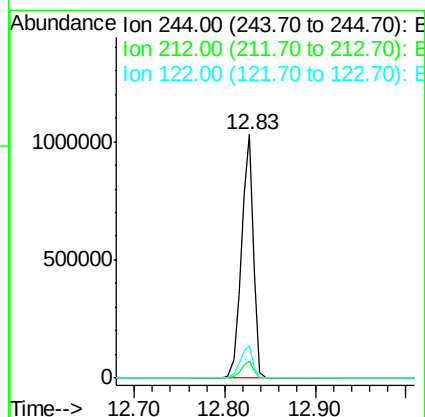
Manual Integrations
APPROVED

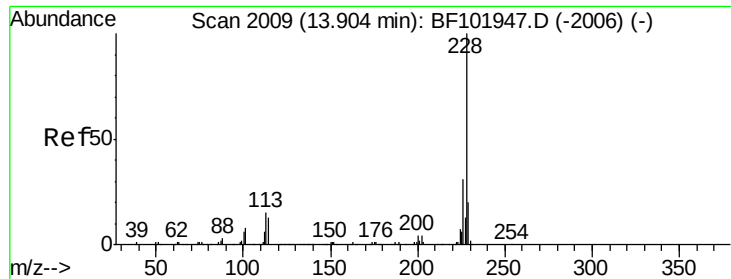
Sohil
1/22/2018 5:24:44 PM



#78
Terphenyl-d14
Concen: 69.334 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:	244	Resp:	961033
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4





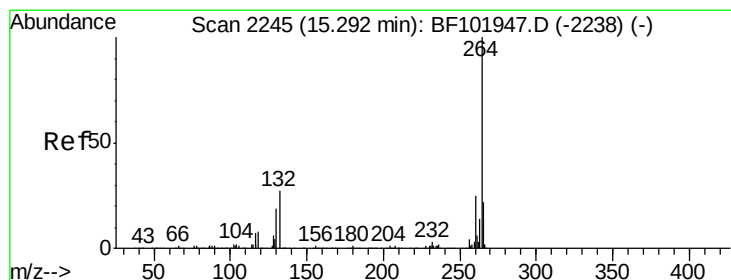
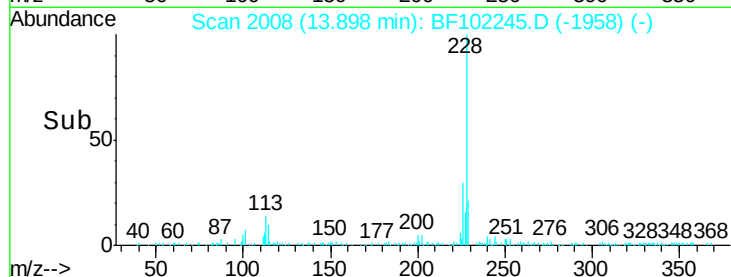
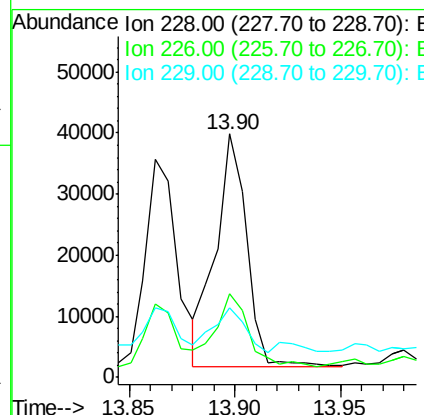
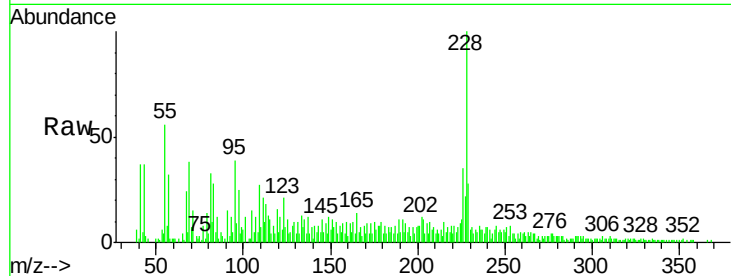
#82
Chrysene
Concen: 2.047 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampled :
SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	28.5	16.2	24.4

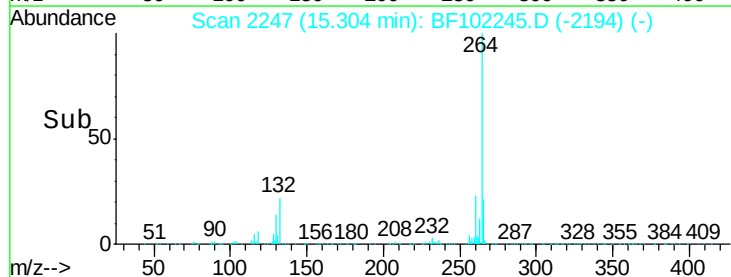
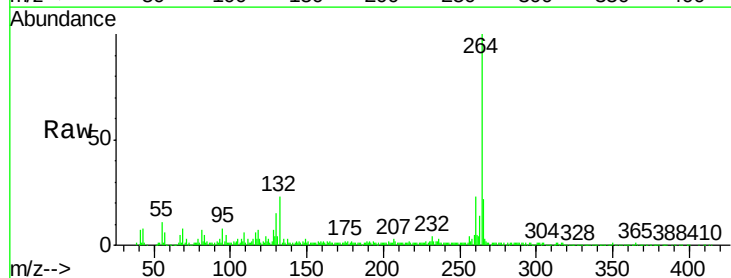
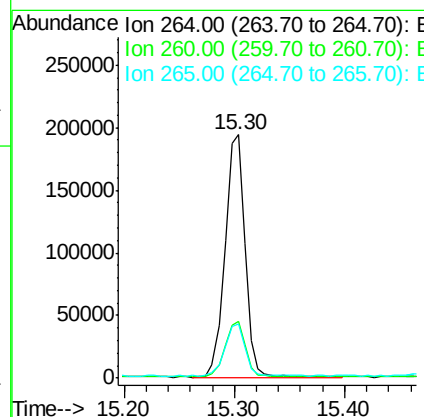
Manual Integrations
APPROVED

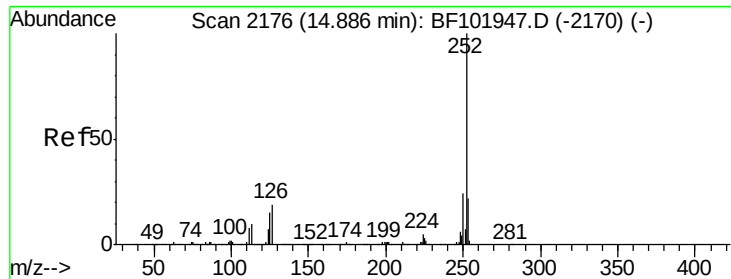
Sohil
1/22/2018 5:24:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.115 ng/ml
 RT: 14.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BF102245.D
 Acq: 20 Jan 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.0	25.6#
125	34.7	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:24:44 PM

