

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102585.D
 Acq On : 29 Jan 2018 6:24
 Operator : SJ/JU
 Sample : J1311-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23318

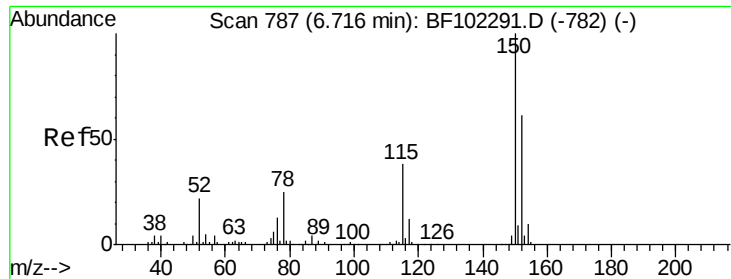
Manual Integrations
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 1/29/2018 5:48:46 PM

Quant Time: Jan 29 07:27:16 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	118463	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	111141	20.00	ng	0.03
38) Acenaphthene-d10	9.83	164	71996	20.00	ng	0.08
63) Phenanthrene-d10	11.31	188	99946	20.00	ng	0.07
75) Chrysene-d12	13.90	240	247444	20.00	ng	0.02
86) Perylene-d12	15.32	264	211686	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1264854	161.89	ng	0.00
7) Phenol-d6	6.37	99	1283693	136.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	693115	358.38	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	88408	123.93	ng	0.08
44) 2-Fluorobiphenyl	9.14	172	536129	109.49	ng	0.06
78) Terphenyl-d14	12.87	244	666008	60.68	ng	0.05
Target Compounds						
27) 2,4-Dimethylphenol	7.67	122	19682m	13.012	ng	Qvalue
30) 1,2,4-Trichlorobenzene	7.92	180	6122	3.707	ng	# 68
37) 2-Methylnaphthalene	8.79	142	734904	198.862	ng	# 83
45) 1,1'-Biphenyl	9.23	154	146092	22.694	ng	95
73) Di-n-butylphthalate	11.84	149	202854	27.983	ng	# 90
74) Fluoranthene	12.47	202	37533m	6.320	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	208770	16.317	ng	97

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



#1

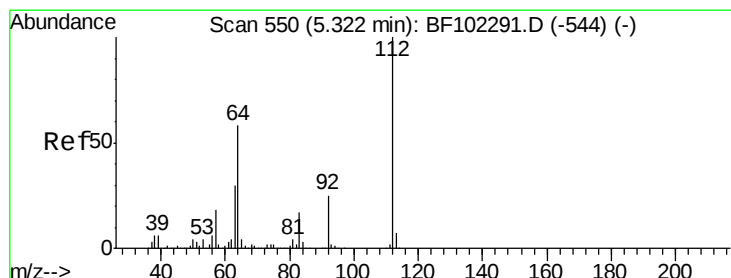
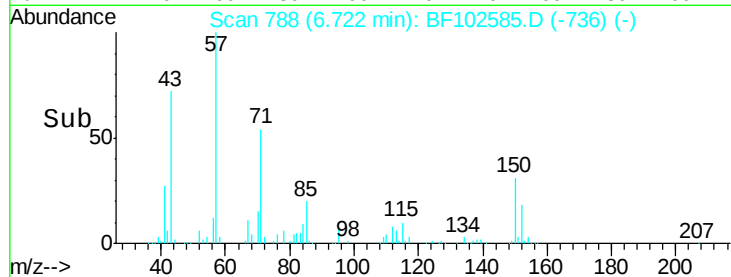
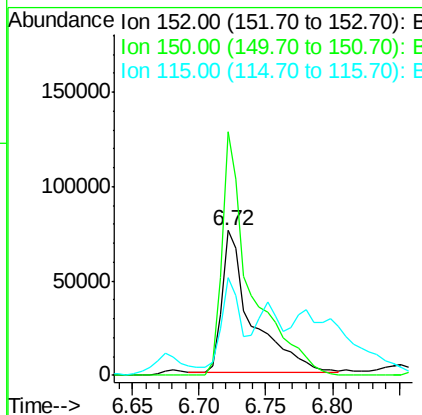
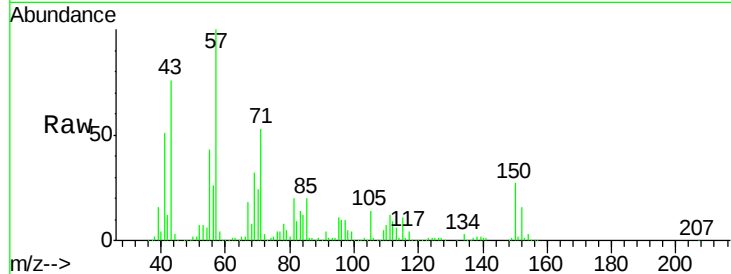
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102585.D
Acq: 29 Jan 2018 6:24

Instrument :
BNA_F
ClientSampled :
23318

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	124.6	186.8
115	67.8	50.1	75.1

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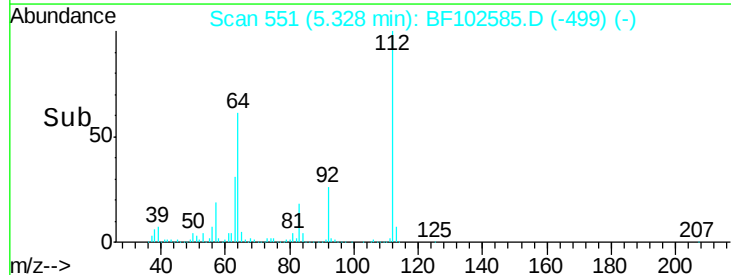
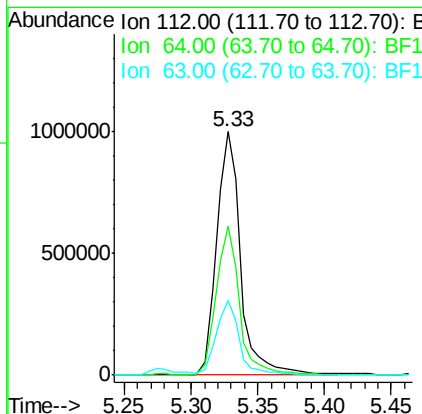
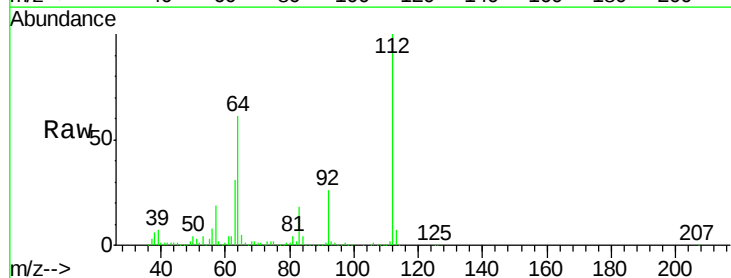
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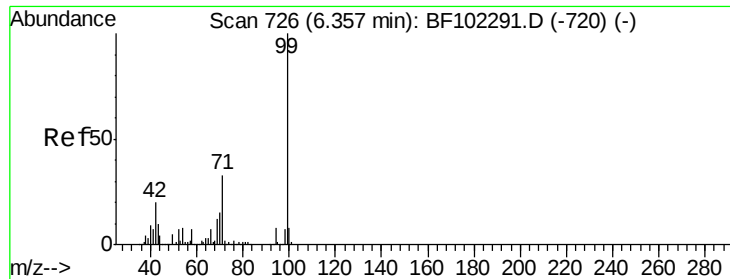


#5

2-Fluorophenol
Concen: 161.894 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102585.D
Acq: 29 Jan 2018 6:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 136.286 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

Instrument :

BNA_F

ClientSampled :

23318

Tot Ion: 99 Resp: 1283693

Ion Ratio Lower Upper

99 100

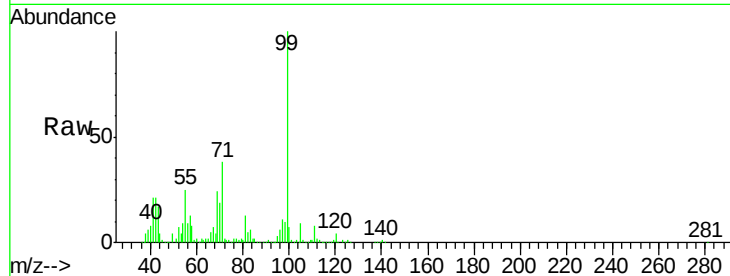
42 21.2 14.5 21.7

71 37.7 25.4 38.0

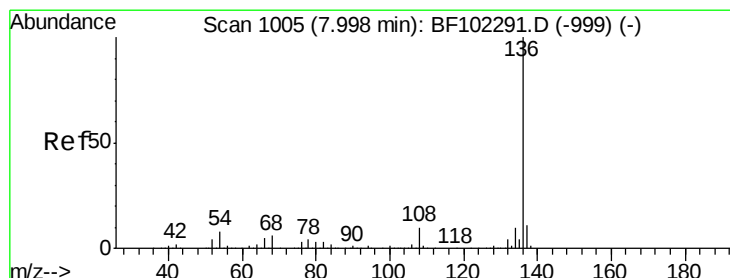
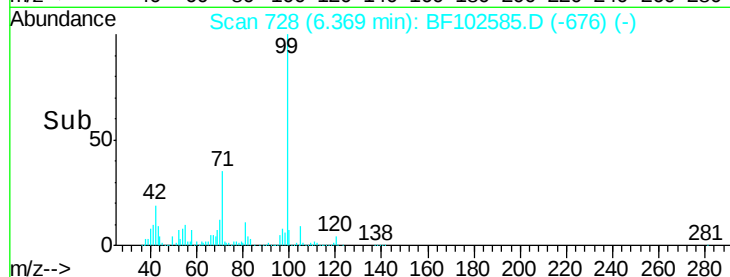
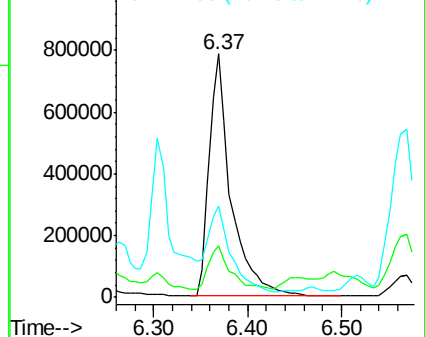
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.03 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

Tgt Ion: 136 Resp: 111141

Ion Ratio Lower Upper

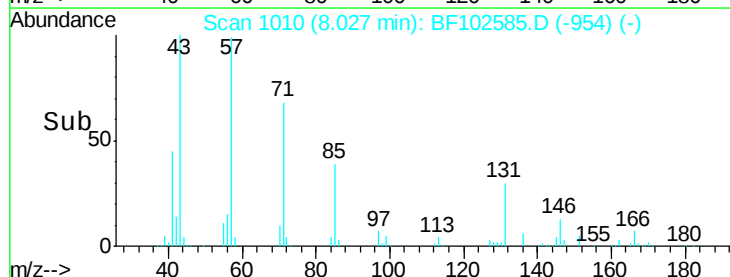
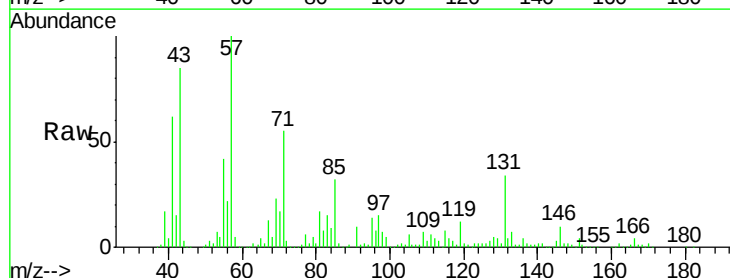
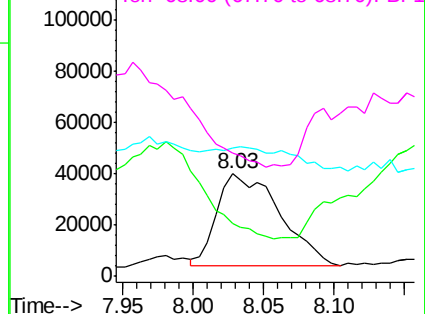
136 100

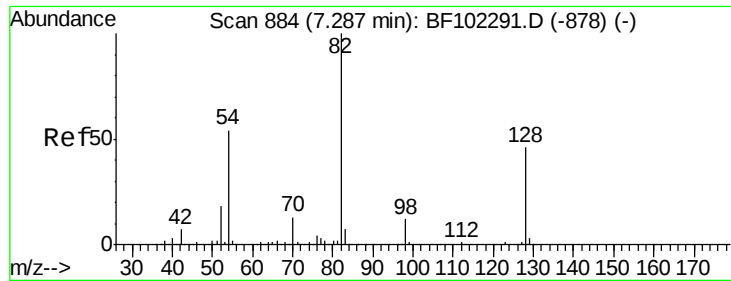
137 51.0 8.9 13.3#

54 125.9 6.6 9.8#

68 120.1 5.0 7.4#

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





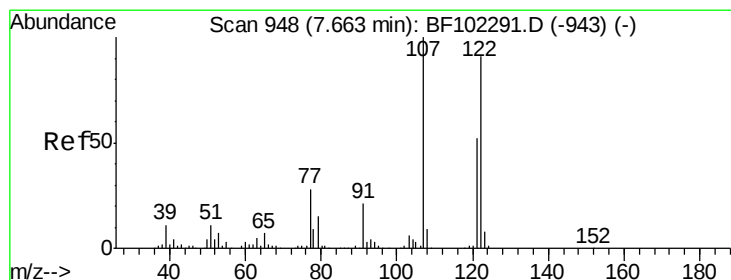
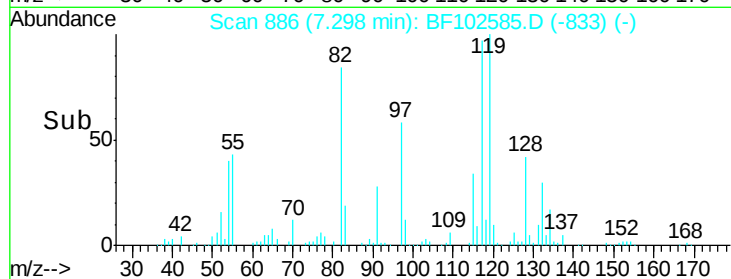
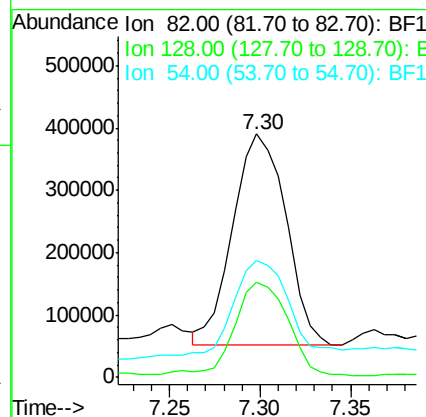
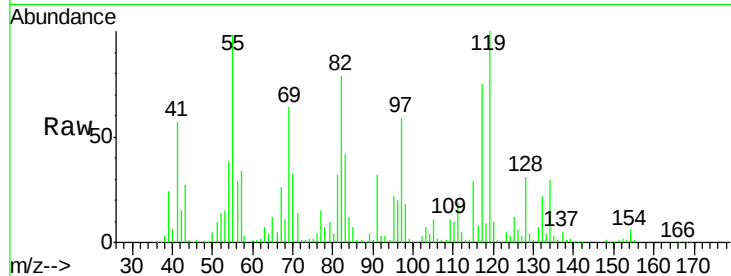
#23
 Nitrobenzene-d5
 Concen: 358.384 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Instrument :
 BNA_F
 ClientSampled :
 23318

Tot Ion	82	Resp	693115
Ion Ratio	100	Lower	Upper
128	39.0	36.1	54.1
54	48.2	41.4	62.2

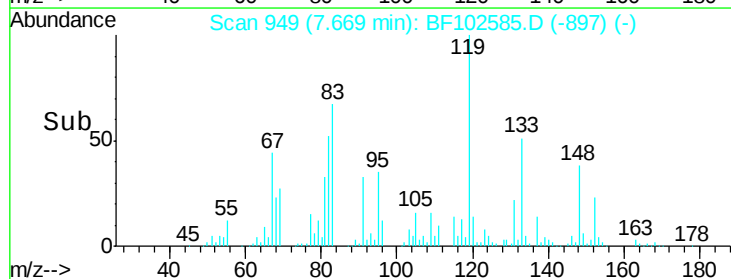
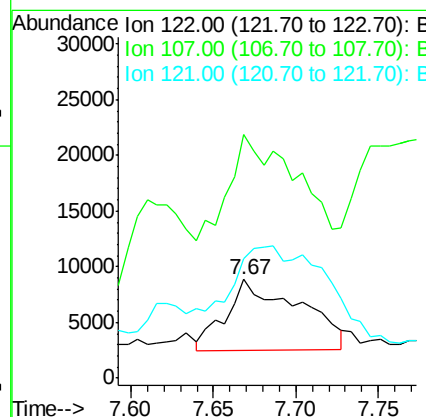
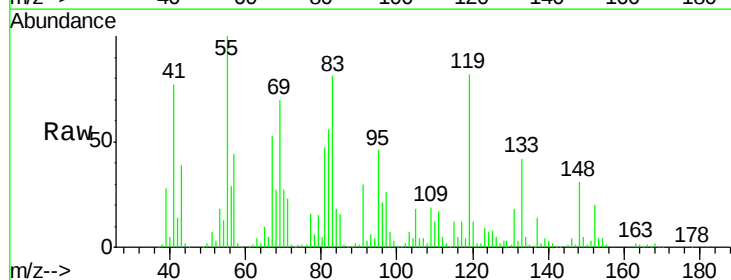
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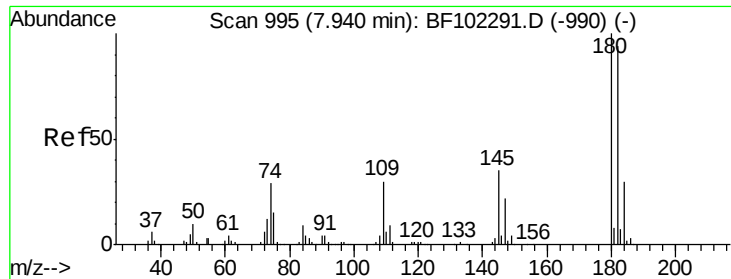
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#27
 2,4-Dimethylphenol
 Concen: 13.012 ng m
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Tgt Ion	122	Resp	19682
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
107	246.6	91.2	136.8#
121	120.6	47.2	70.8#





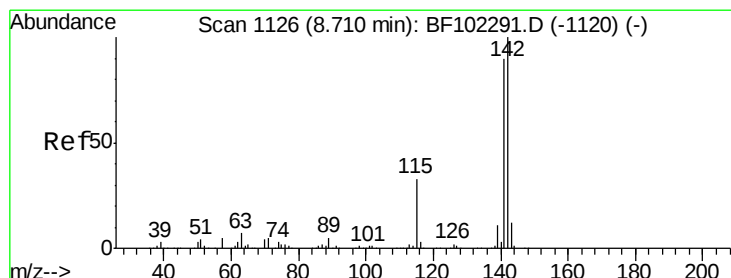
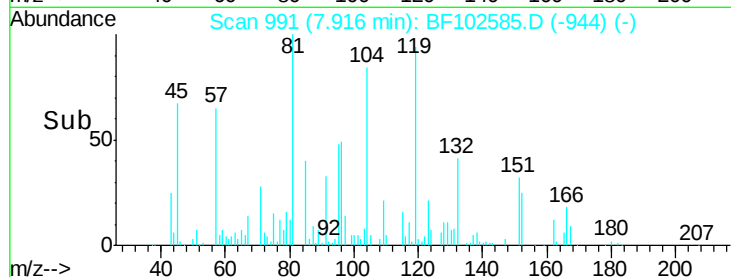
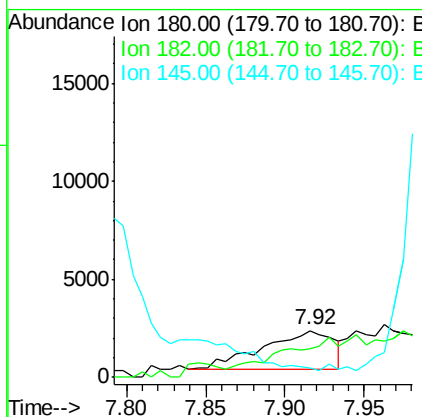
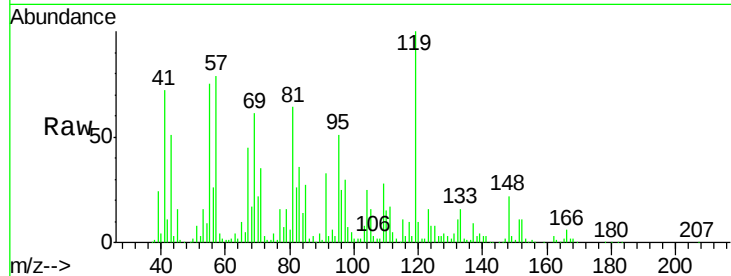
#30
 1,2,4-Trichlorobenzene
 Concen: 3.707 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 23318

Tot Ion	Ratio	Lower	Upper
180	100		
182	62.3	76.8	115.2#
145	19.9	26.5	39.7#

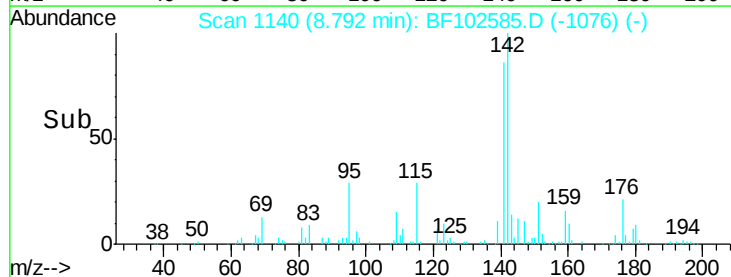
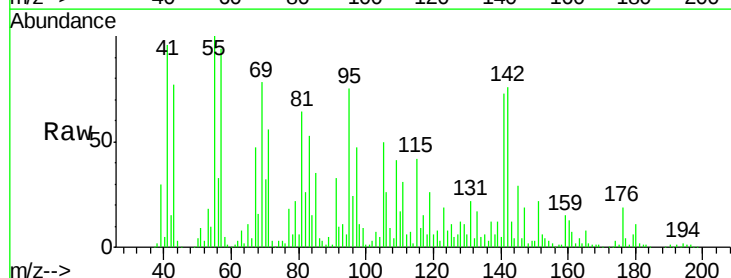
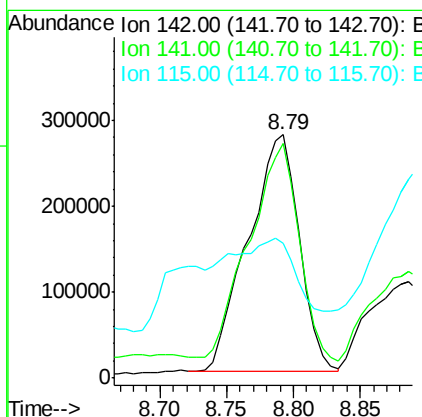
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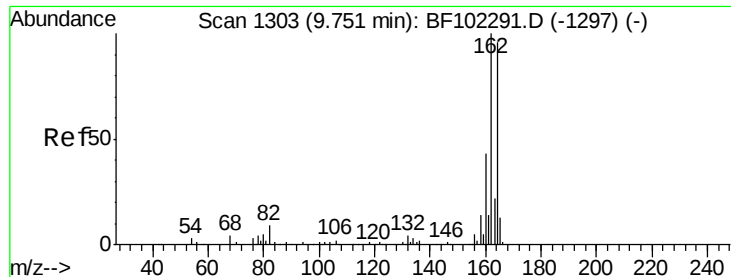
Sohil
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#37
 2-Methylnaphthalene
 Concen: 198.862 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.08 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	70.8	106.2
115	55.4	26.1	39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.08 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

Instrument :

BNA_F

ClientSampled :

23318

Tot Ion:164 Resp: 71996

Ion Ratio Lower Upper

164 100

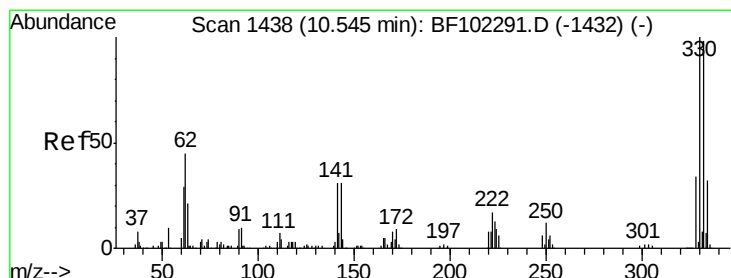
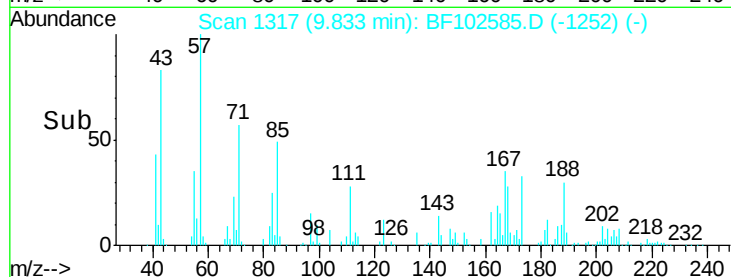
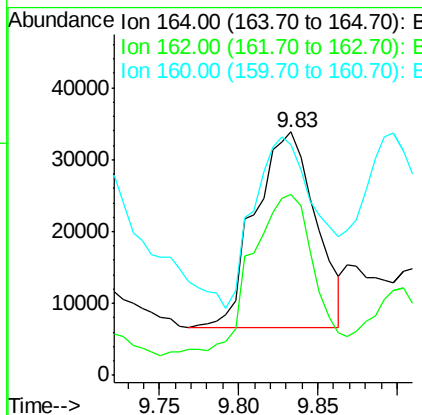
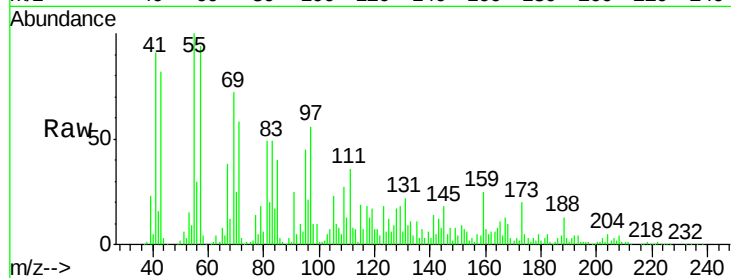
162 74.2 86.1 129.1#

160 94.7 38.3 57.5#

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 123.929 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.08 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

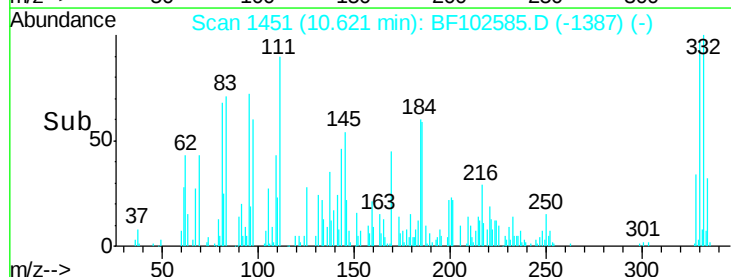
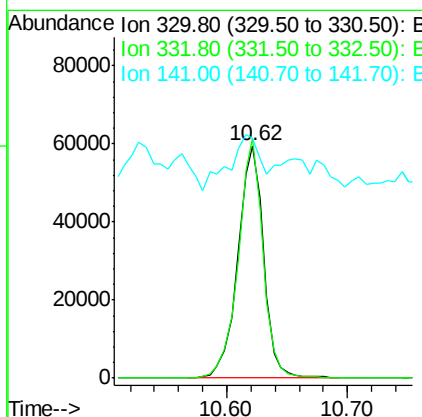
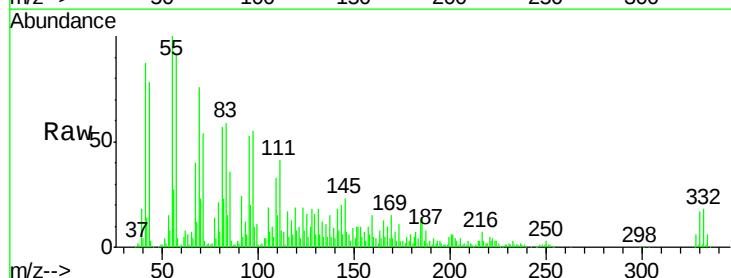
Tgt Ion:330 Resp: 88408

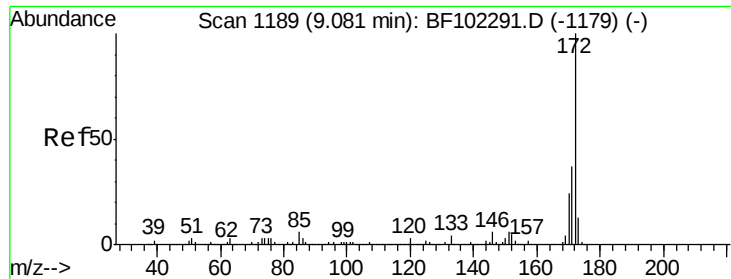
Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

141 28.2 29.9 44.9#





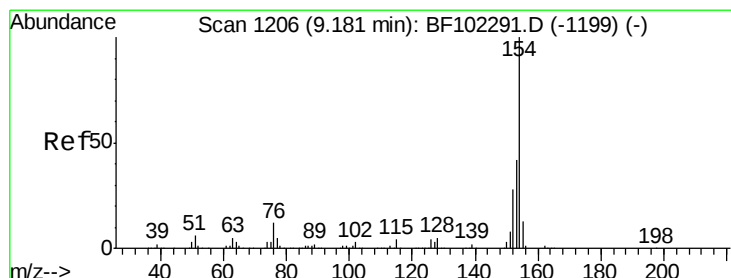
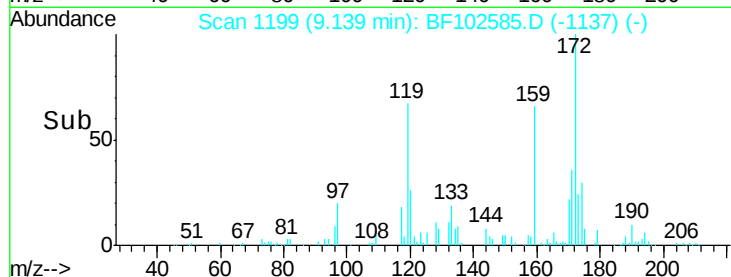
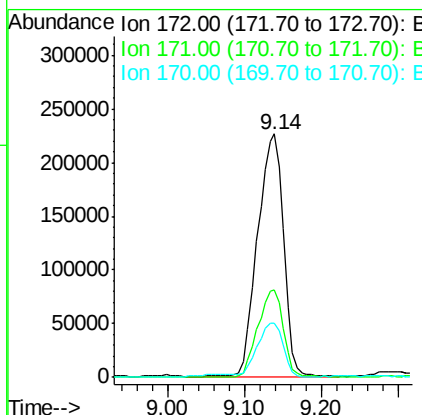
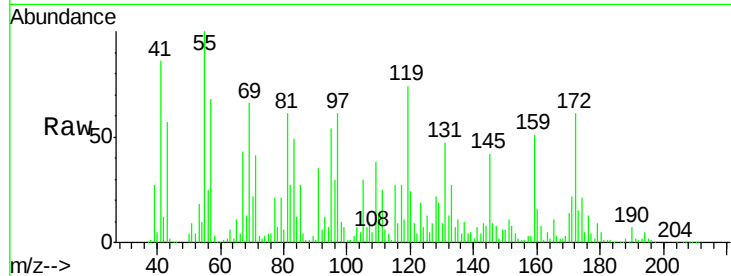
#44
 2-Fluorobiphenyl
 Concen: 109.492 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.06 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 23318

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.4	19.6	29.4

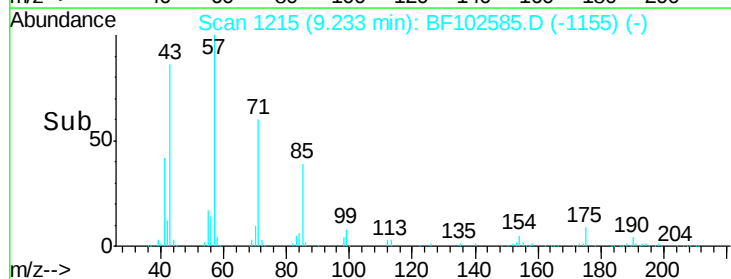
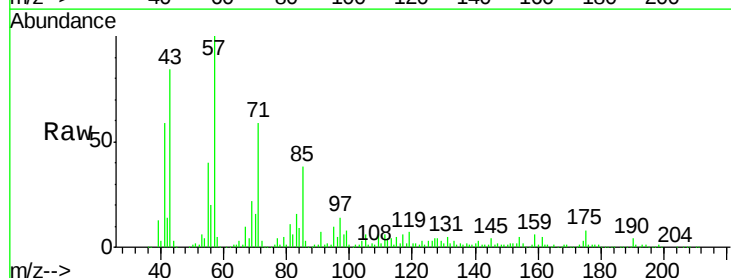
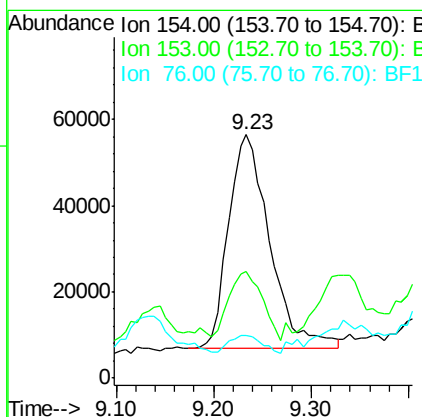
Manual Integrations
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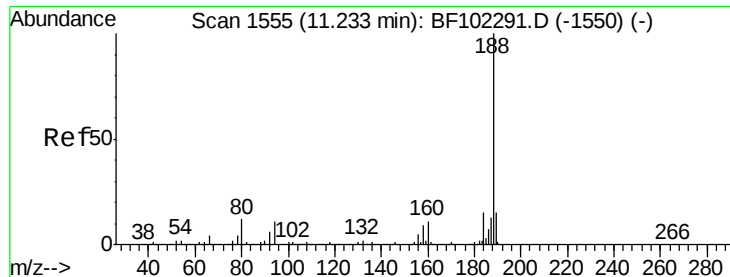
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#45
 1,1'-Biphenyl
 Concen: 22.694 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.05 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.3	61.3
76	17.7	0.0	34.0





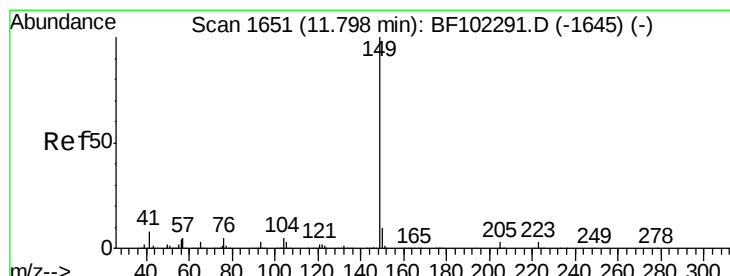
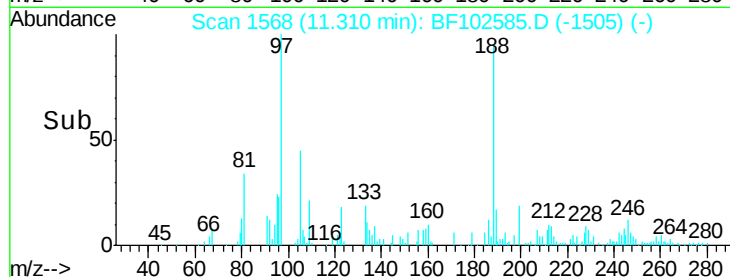
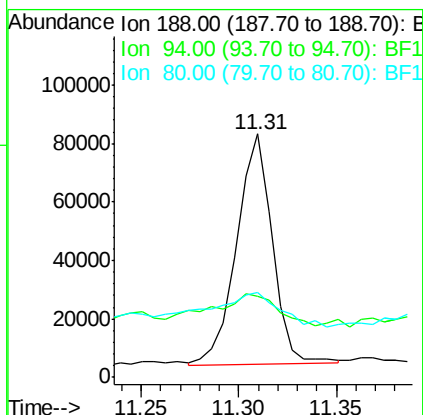
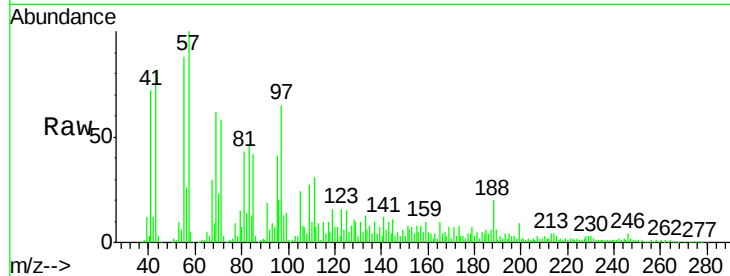
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.07 min
Lab File: BF102585.D
Acq: 29 Jan 2018 6:24

Instrument :
BNA_F
ClientSampleId :
23318

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	33.3	8.5	12.7#
80	34.9	9.2	13.8#

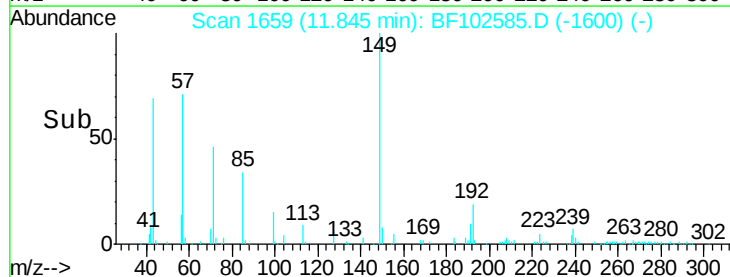
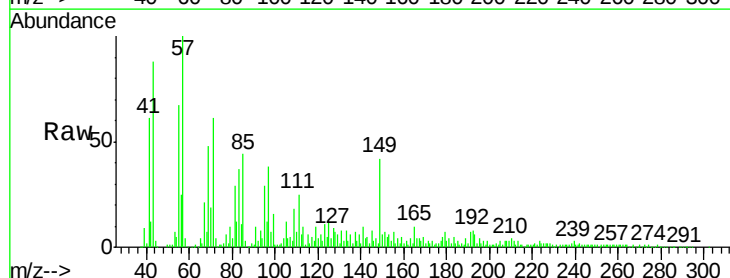
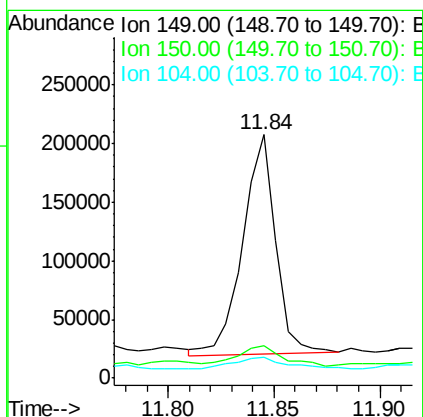
Manual Integrations
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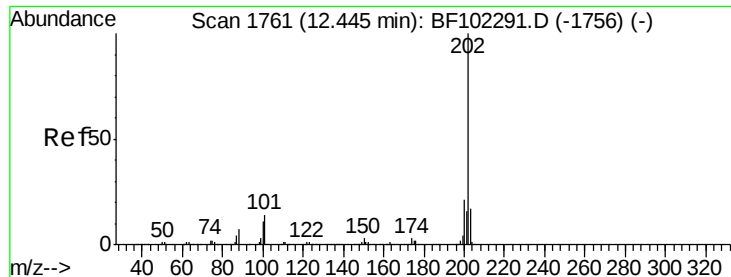
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#73
Di-n-butylphthalate
Concen: 27.983 ng
RT: 11.84 min Scan# 1659
Delta R.T. 0.05 min
Lab File: BF102585.D
Acq: 29 Jan 2018 6:24

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	13.3	7.8	11.6#
104	8.7	3.8	5.8#





#74

Fluoranthene

Concen: 6.320 ng/mL

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

Instrument :

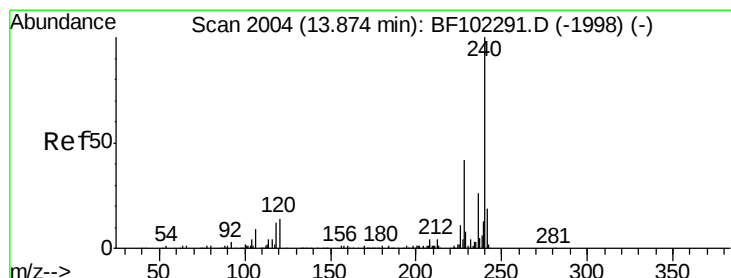
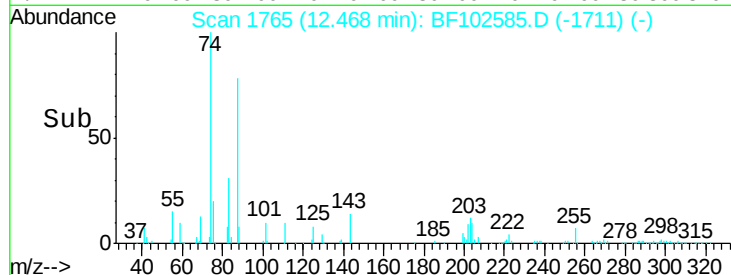
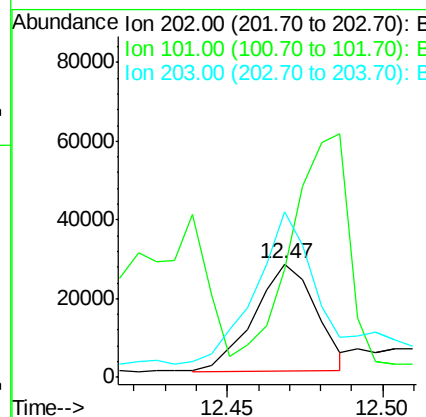
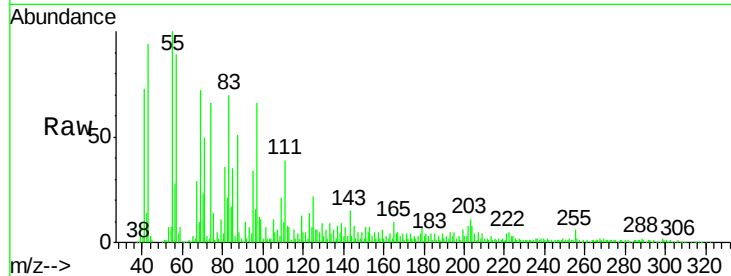
BNA_F

ClientSampled :
23318

Tot Ion:	202	Resp:	37533
Ion Ratio	Lower	Upper	
202	100		
101	95.8	0.0	34.1#
203	146.0	0.0	38.1#

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#75

Chrysene-d12

Concen: 20.000 ng/mL

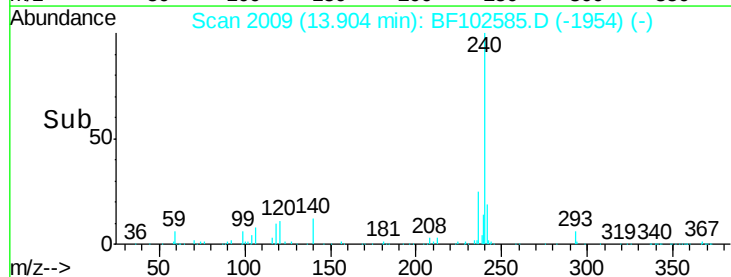
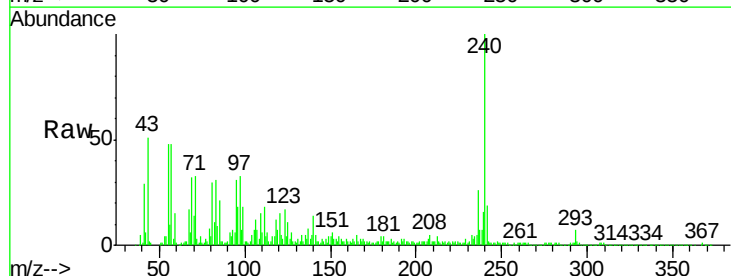
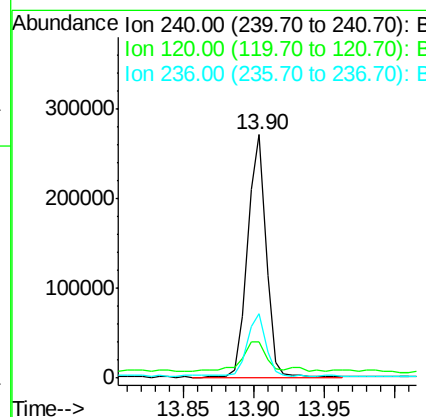
RT: 13.90 min Scan# 2009

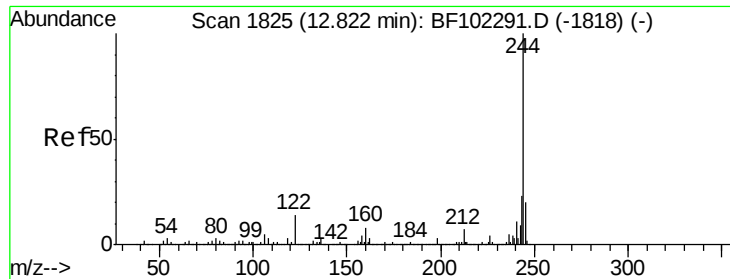
Delta R.T. 0.02 min

Lab File: BF102585.D

Acq: 29 Jan 2018 6:24

Tgt Ion:	240	Resp:	247444
Ion Ratio	Lower	Upper	
240	100		
120	15.0	9.5	14.3#
236	26.2	20.7	31.1





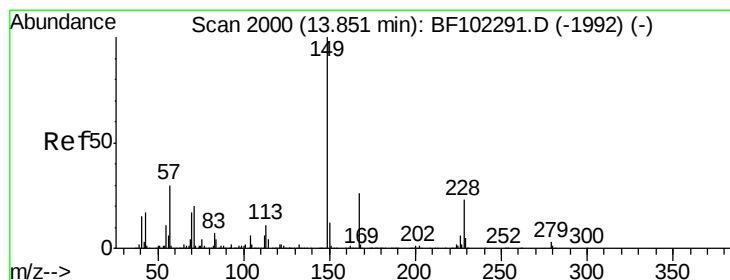
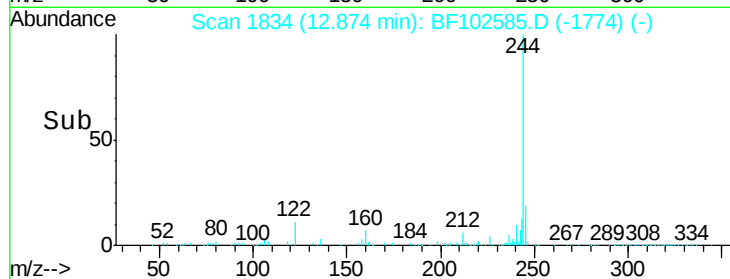
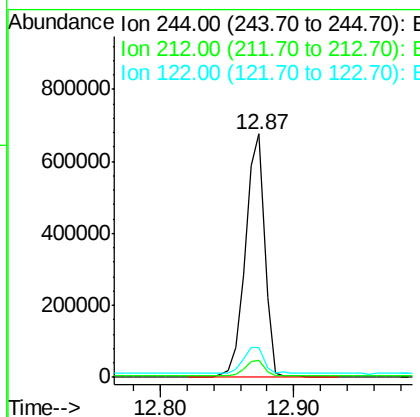
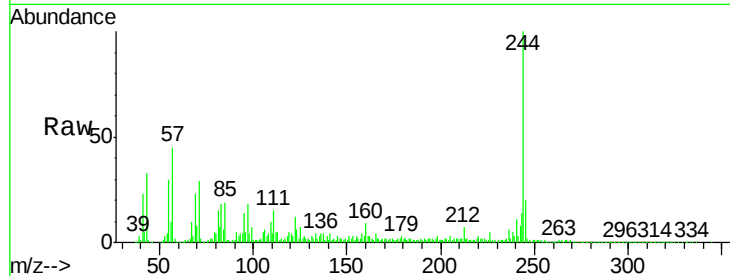
#78
 Terphenyl-d14
 Concen: 60.677 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.05 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Instrument :
 BNA_F
 ClientSampled :
 23318

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4

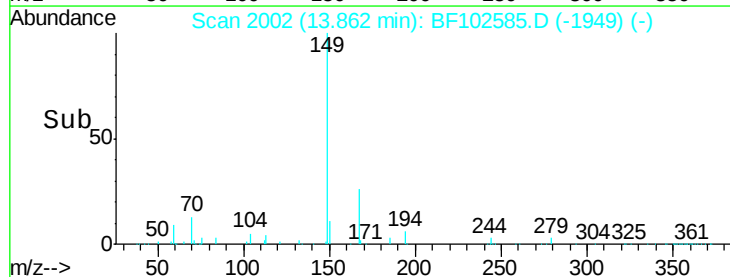
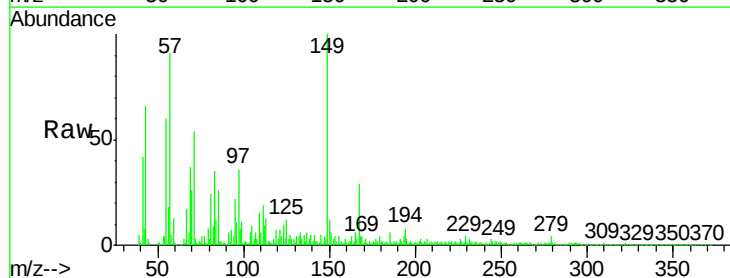
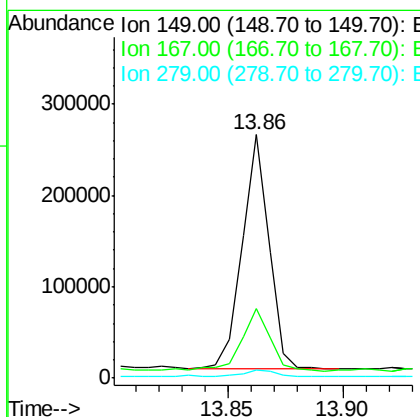
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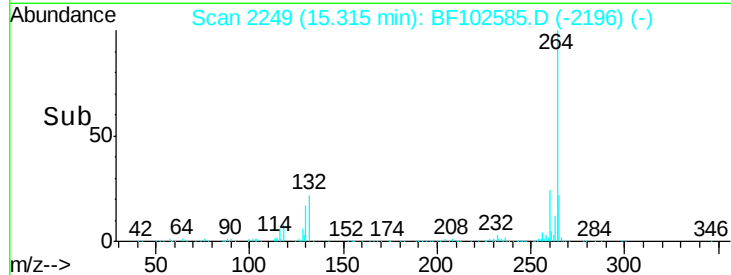
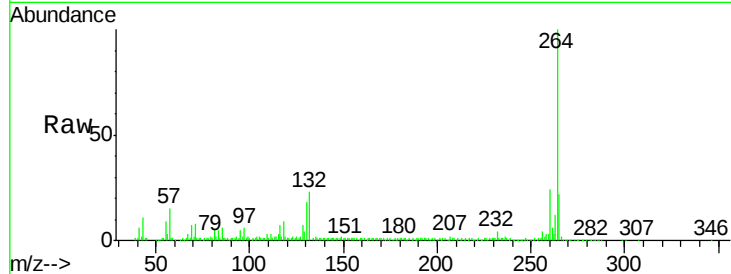
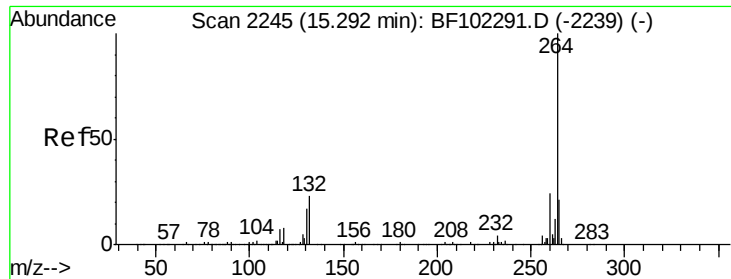
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.317 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF102585.D
 Acq: 29 Jan 2018 6:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	3.6	3.0	4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102585.D
Acq: 29 Jan 2018 6:24

Instrument :
BNA_F
ClientSampleId :
23318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
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