

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102378.D
 Acq On : 24 Jan 2018 8:50
 Operator : SJ/JU
 Sample : J1239-10DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02DL

Manual Integrations
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 1/24/2018 2:47:34 PM

Quant Time: Jan 24 10:44:07 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	6.72	152	126210	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	523489	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224397	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	338360	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255930	20.00	ng	0.00
86) Perylene-d12	15.29	264	235253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	209886	25.22	ng	0.00
7) Phenol-d6	6.35	99	231034	23.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	174500	19.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	54404	24.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	351675	23.04	ng	-0.01
78) Terphenyl-d14	12.82	244	255381	22.50	ng	0.00
Target Compounds						
10) Phenol	6.36	94	382324	34.898	ng	98
17) 2-Methylphenol	6.97	107	150399	19.847	ng	96
20) 3+4-Methylphenols	7.13	107	399096	44.779	ng	86
27) 2,4-Dimethylphenol	7.66	122	85428	11.991	ng	96
31) Naphthalene	8.02	128	1129612	43.219	ng	100
37) 2-Methylnaphthalene	8.71	142	90756	5.214	ng	98
70) Phenanthrene	11.26	178	44276	2.246	ng	97
72) Carbazole	11.47	167	82972	4.226	ng	97

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

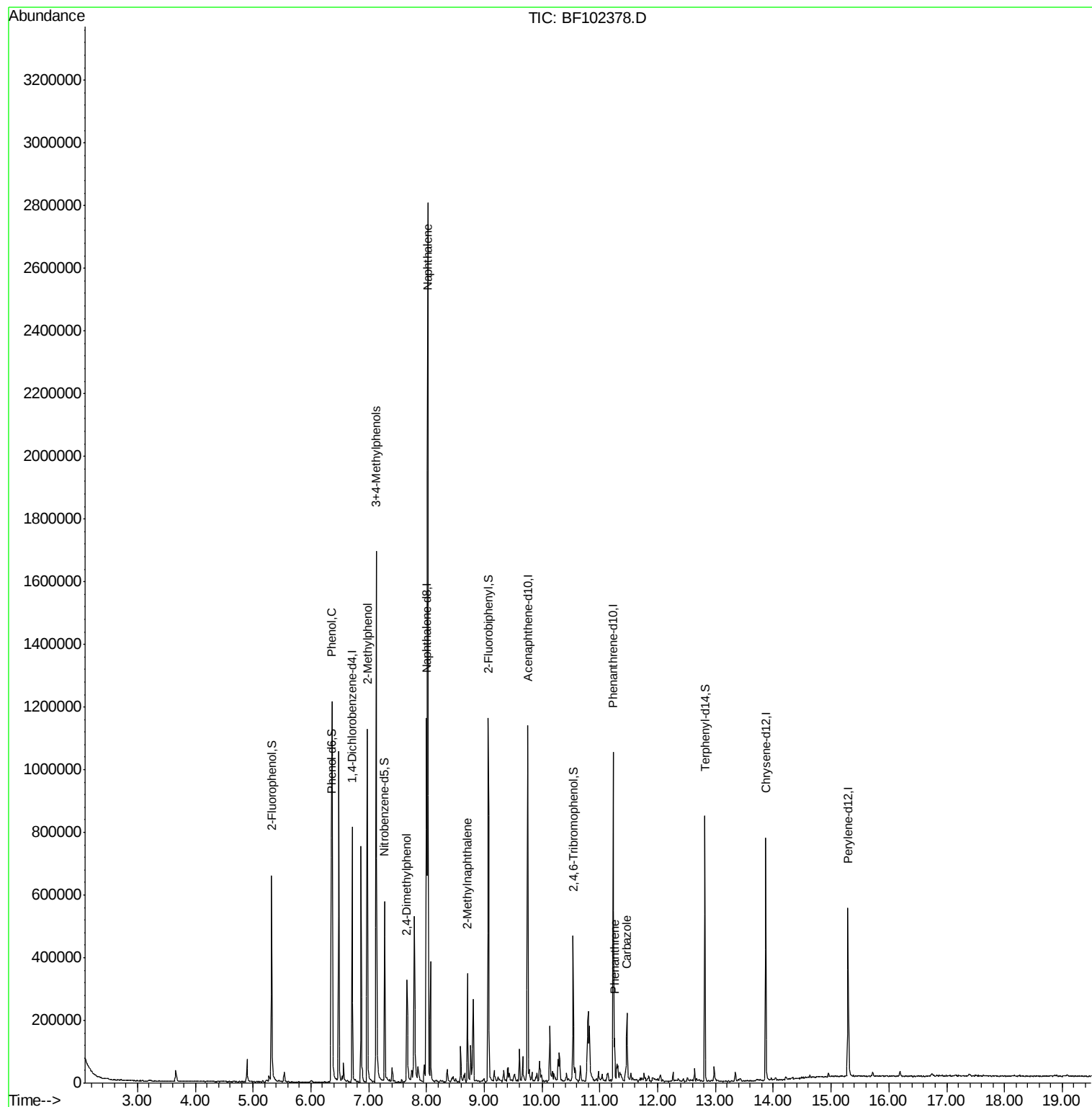
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102378.D
Acq On : 24 Jan 2018 8:50
Operator : SJ/JU
Sample : J1239-10DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

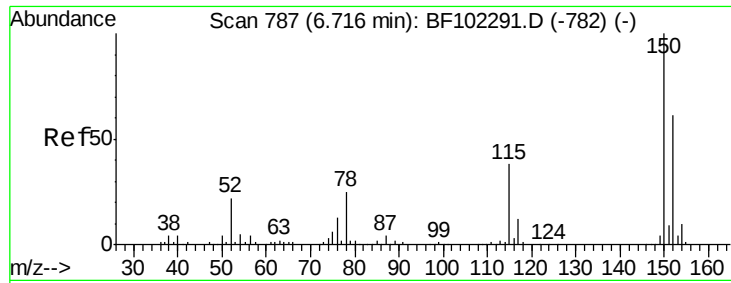
Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

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Quant Time: Jan 24 10:44:07 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





#1

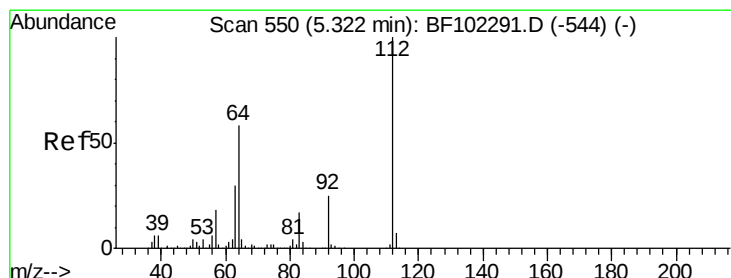
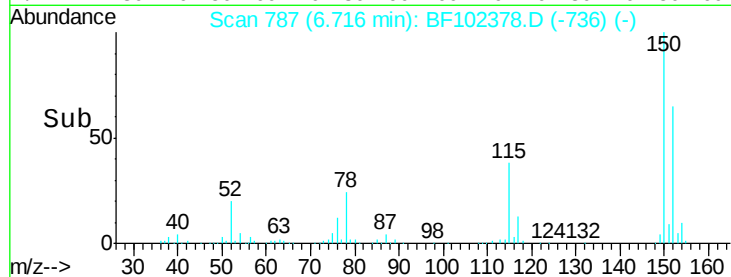
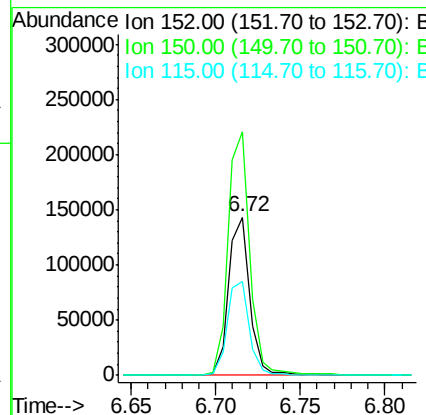
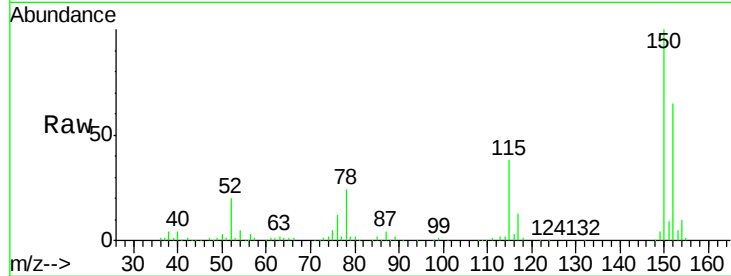
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.9	50.1	75.1

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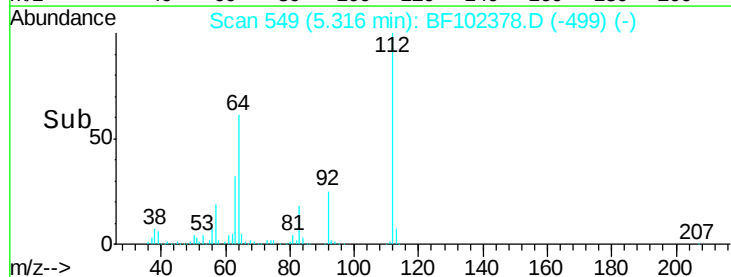
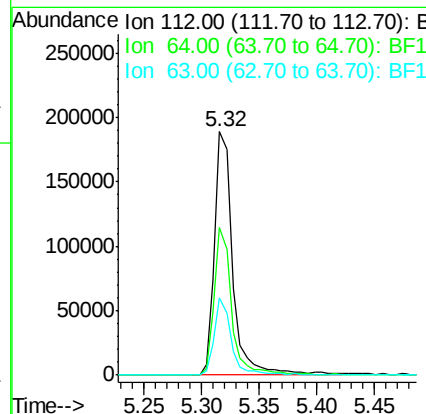
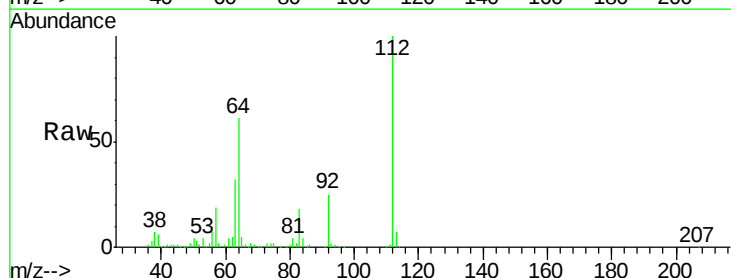
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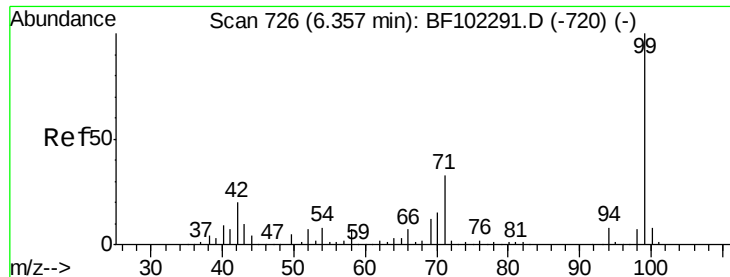


#5

2-Fluorophenol
Concen: 25.215 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 23.023 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102378.D

Acq: 24 Jan 2018 8:50

Instrument :

BNA_F

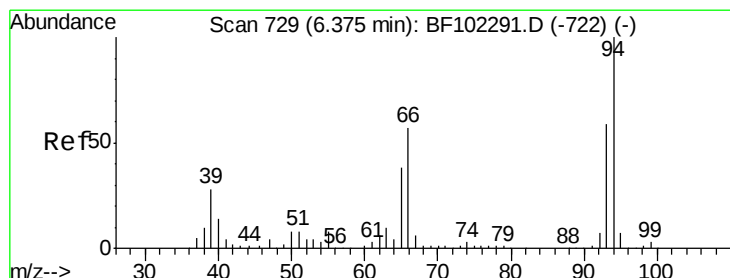
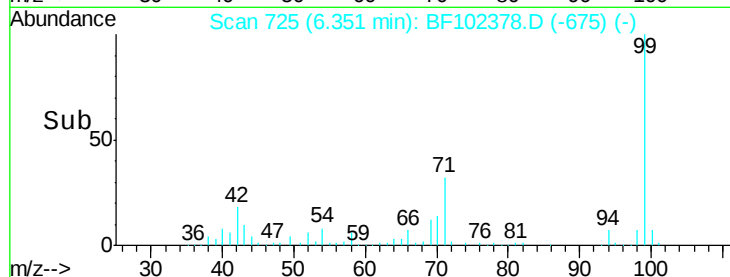
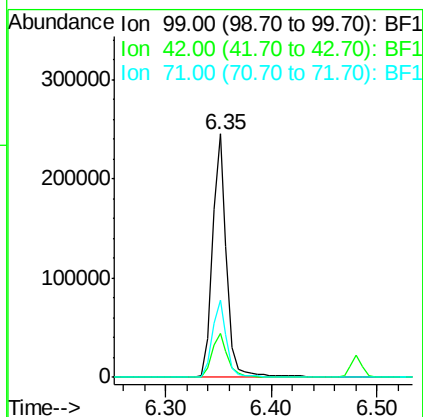
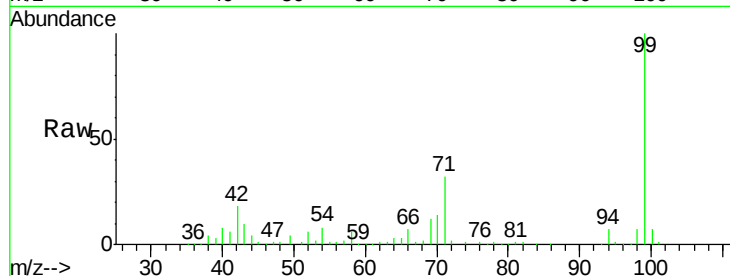
ClientSampleId :

WC-096613-02DL

Tgt Ion:	99	Resp:	231034
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	31.6	25.4	38.0

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#10

Phenol

Concen: 34.898 ng

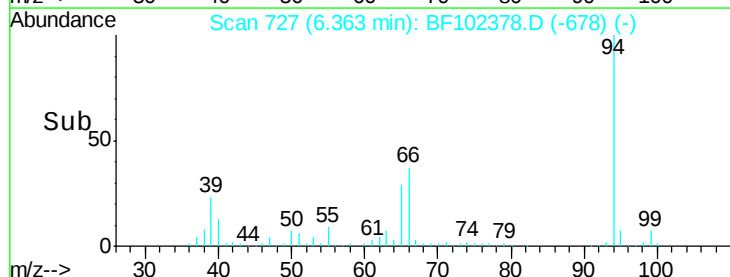
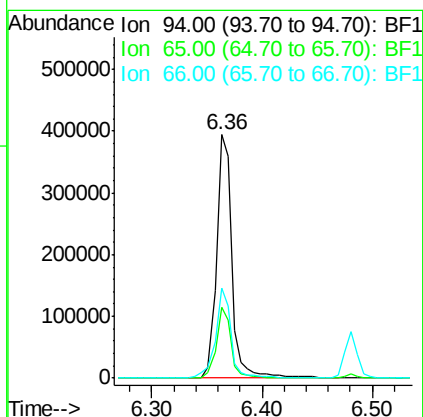
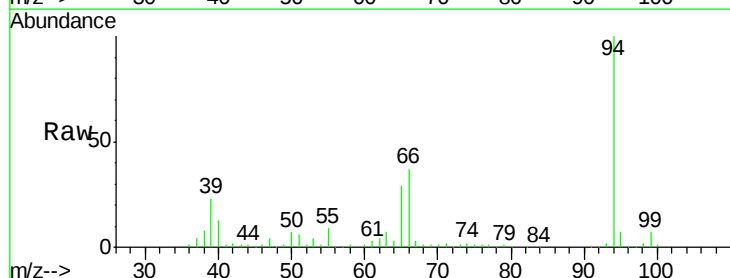
RT: 6.36 min Scan# 727

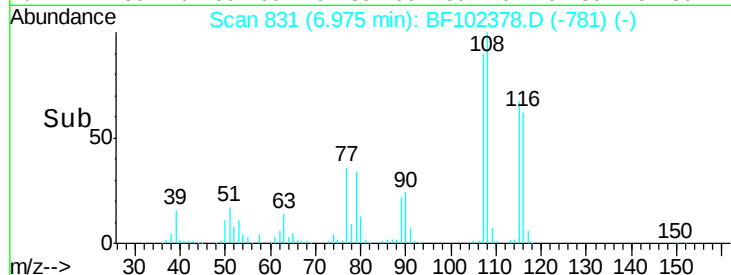
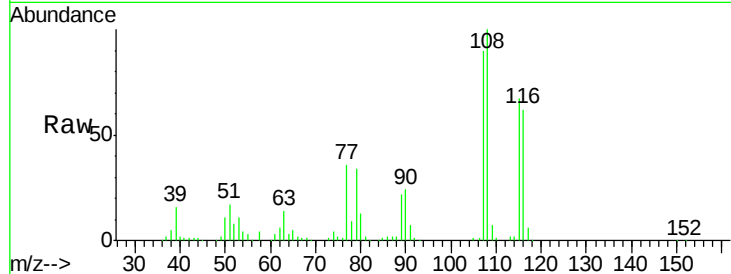
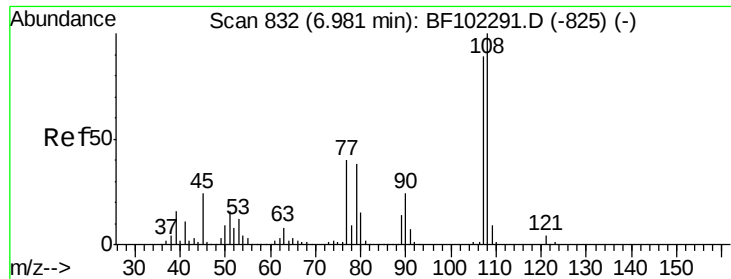
Delta R.T. -0.01 min

Lab File: BF102378.D

Acq: 24 Jan 2018 8:50

Tgt Ion:	94	Resp:	382324
Ion Ratio	Lower	Upper	
94	100		
65	29.0	7.9	47.9
66	37.1	16.2	56.2





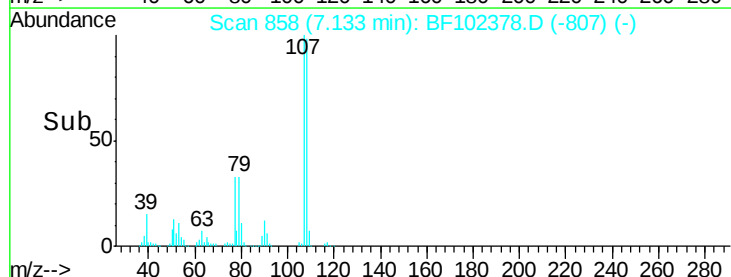
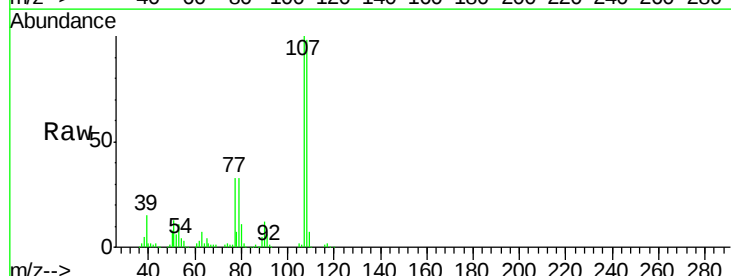
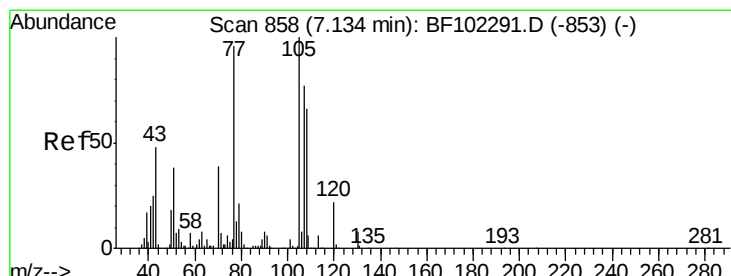
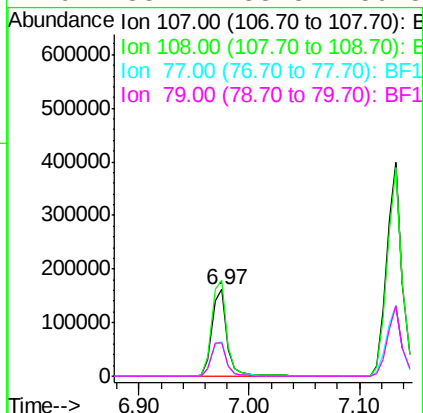
#17
2-Methylphenol
Concen: 19.847 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	150399		
108	111.2	91.7	137.5	
77	39.9	33.8	50.8	
79	38.2	33.8	50.8	

Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

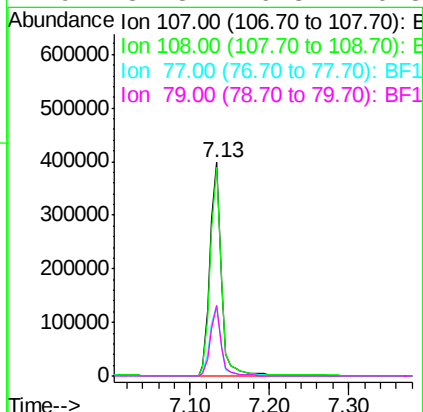
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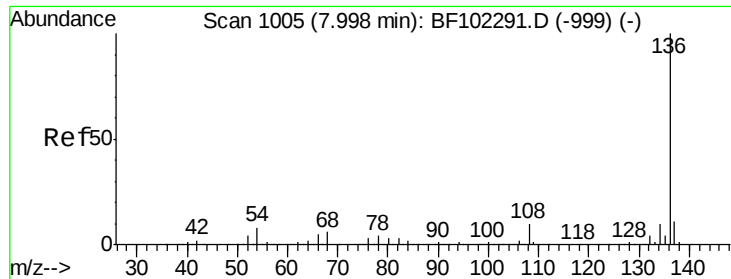
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#20
3+4-Methylphenols
Concen: 44.779 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	399096		
108	97.9	68.2	108.2	
77	33.0	26.7	66.7	
79	32.8	6.3	46.3	





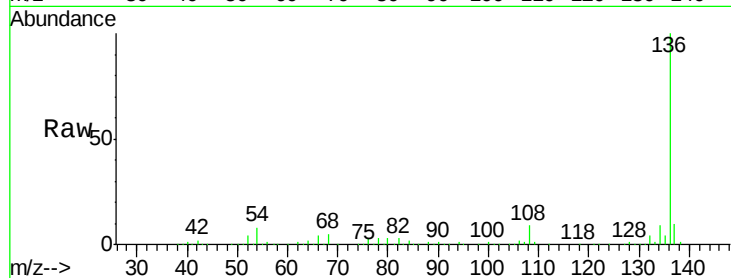
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

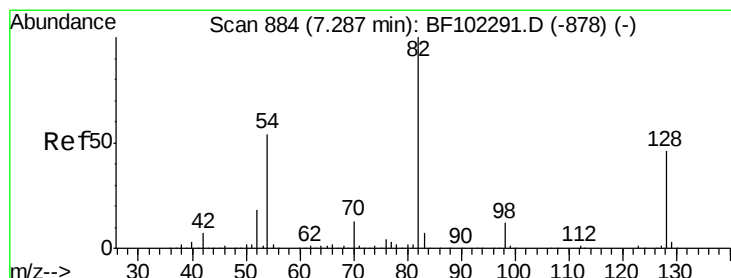
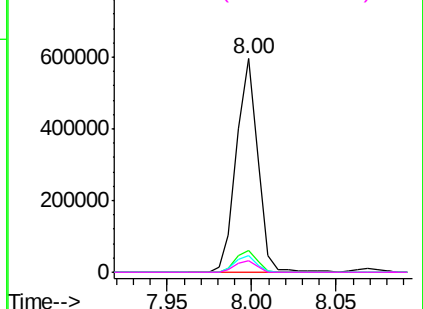
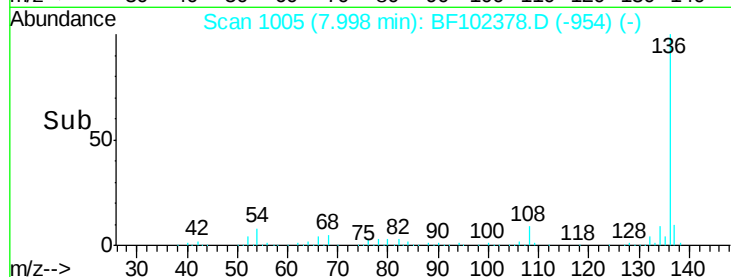
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	523489		
137	10.4	8.9	13.3	
54	7.9	6.6	9.8	
68	5.3	5.0	7.4	

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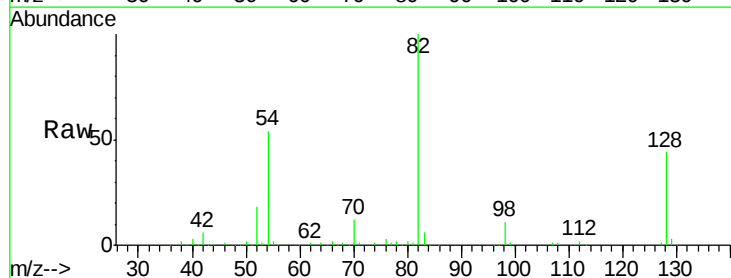


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

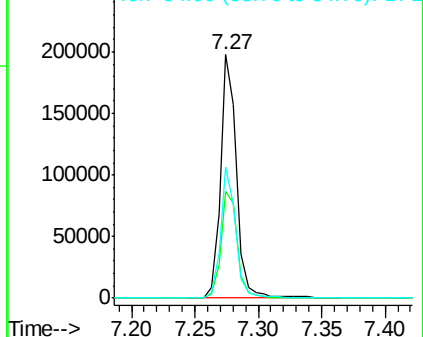
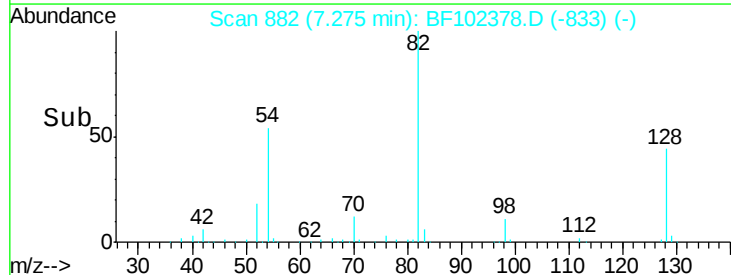


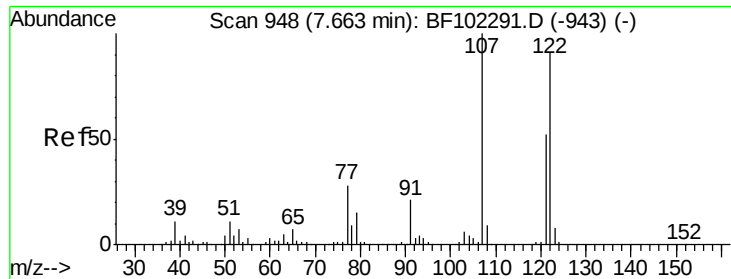
#23
Nitrobenzene-d5
Concen: 19.156 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	174500		
128	44.0	36.1	54.1	
54	53.9	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





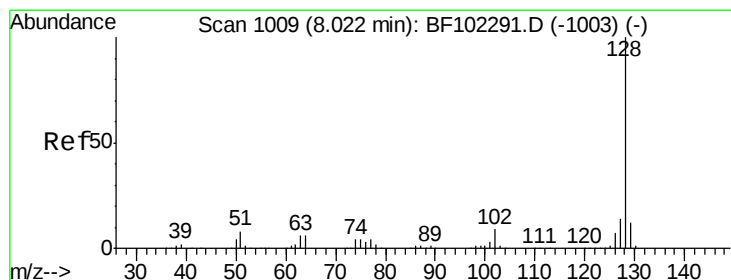
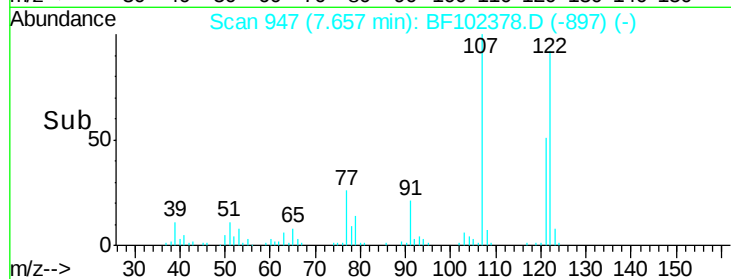
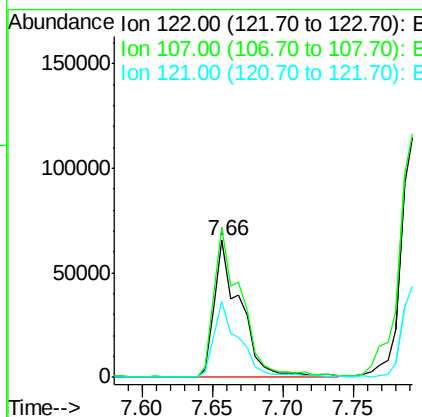
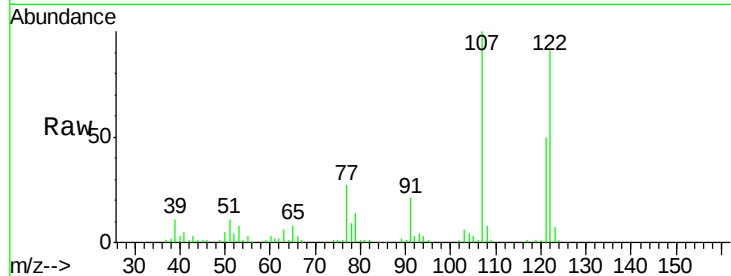
#27
2,4-Dimethylphenol
Concen: 11.991 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.6	91.2	136.8
121	55.3	47.2	70.8

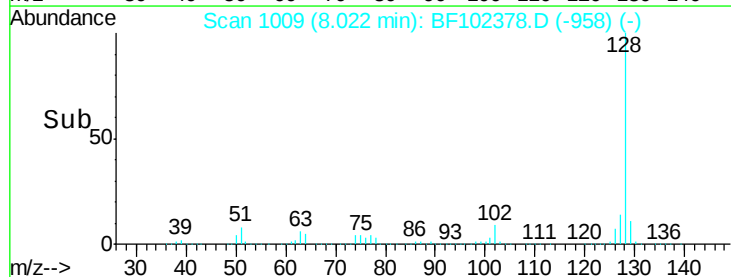
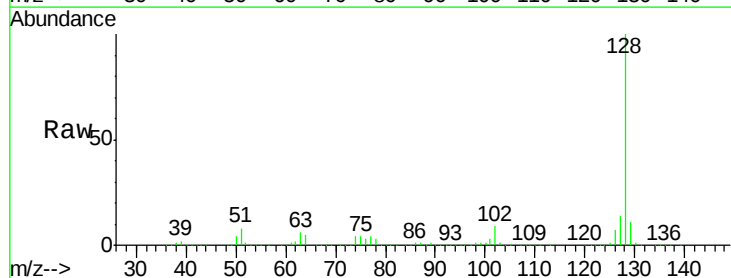
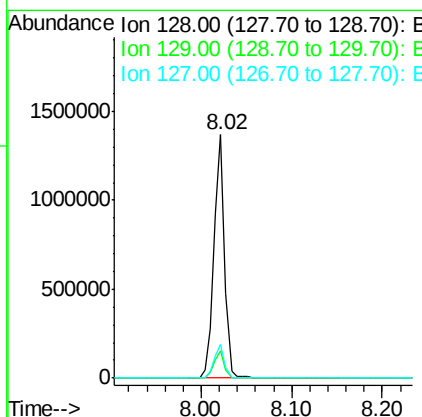
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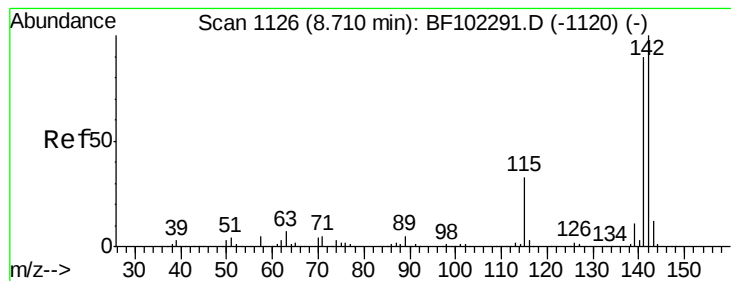
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#31
Naphthalene
Concen: 43.219 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.9	10.9	16.3





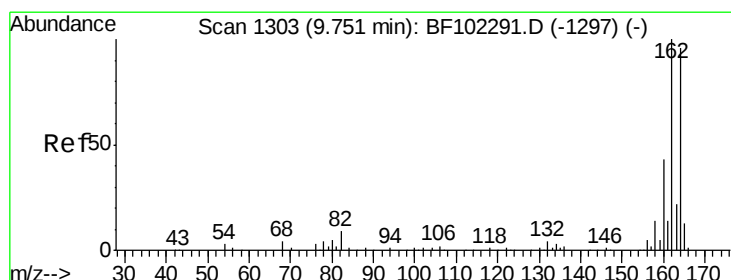
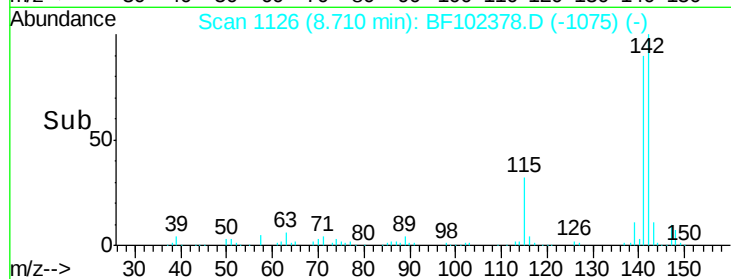
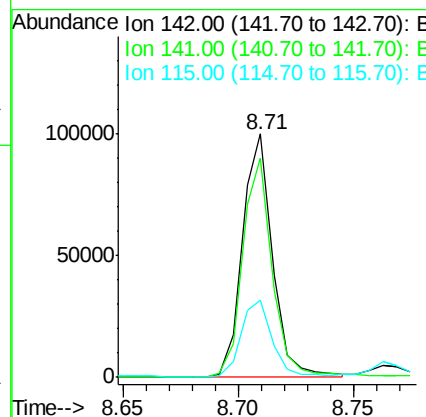
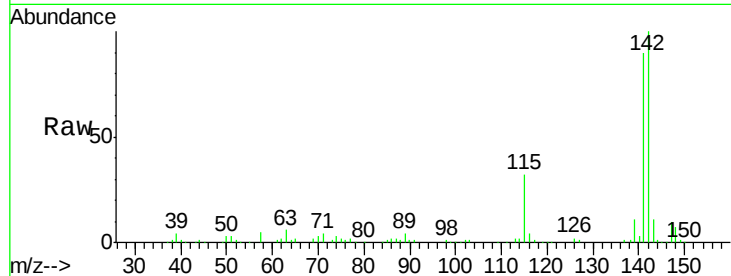
#37
 2-Methylnaphthalene
 Concen: 5.214 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.1	70.8	106.2
115	31.5	26.1	39.1

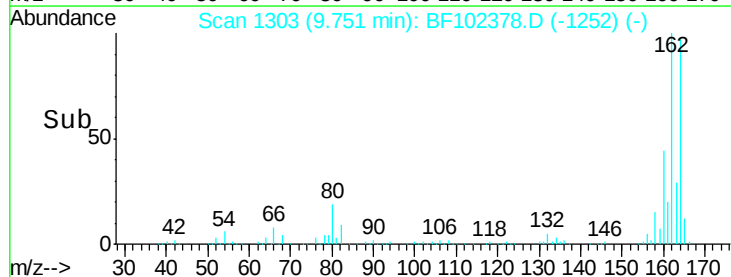
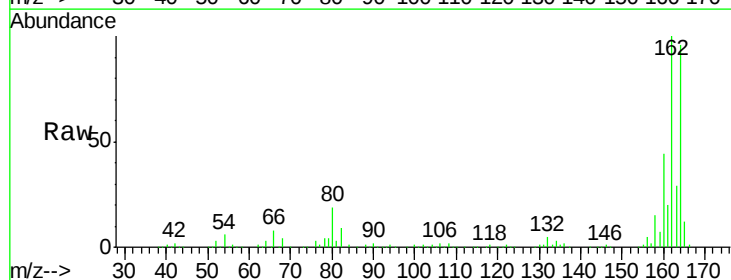
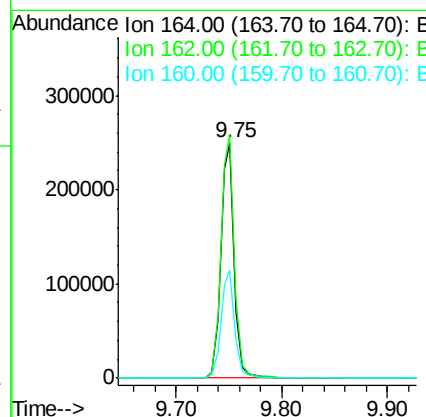
Manual Integrations
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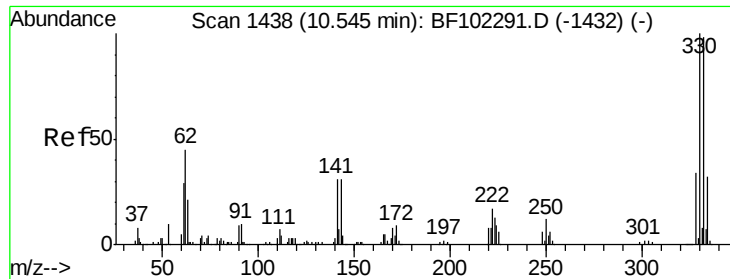
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.6	86.1	129.1
160	45.8	38.3	57.5





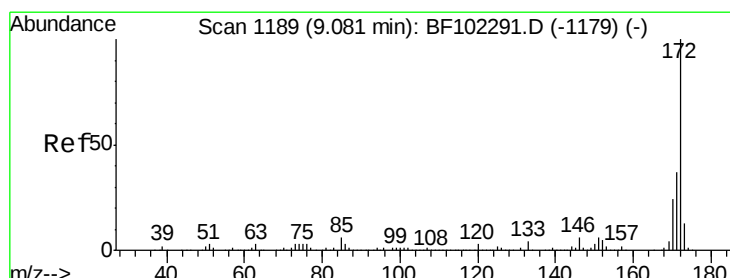
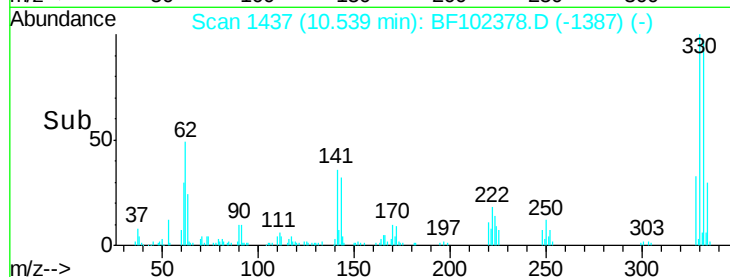
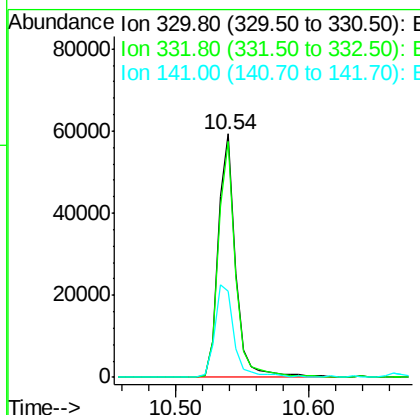
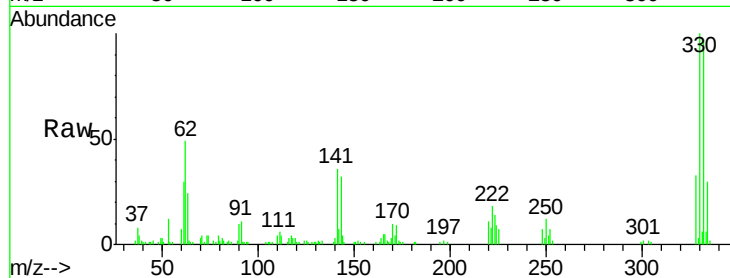
#41
 2,4,6-Tribromophenol
 Concen: 24.468 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	54404		
332	96.1	77.0	115.6	
141	42.6	29.9	44.9	

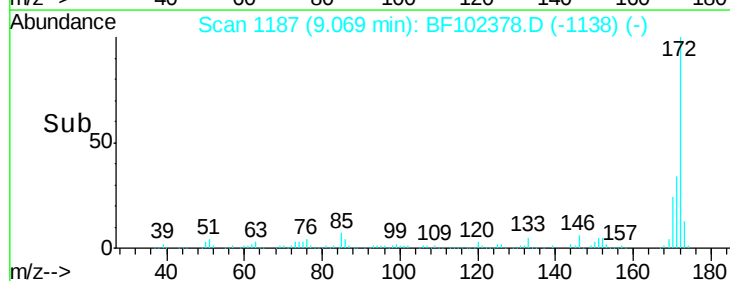
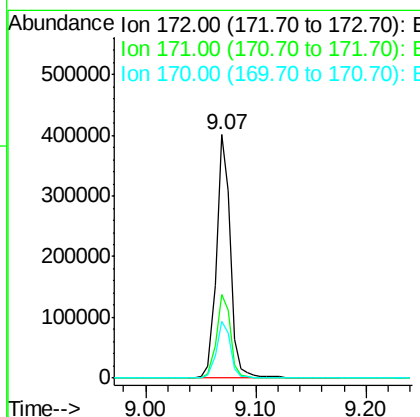
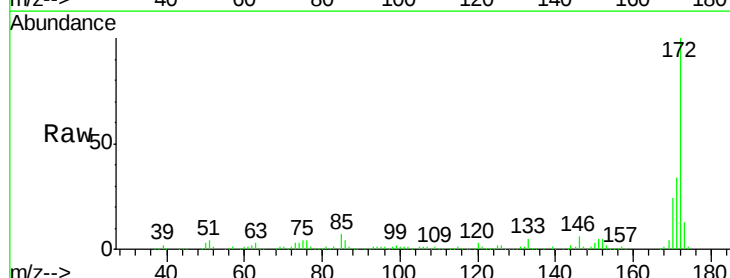
Manual Integrations
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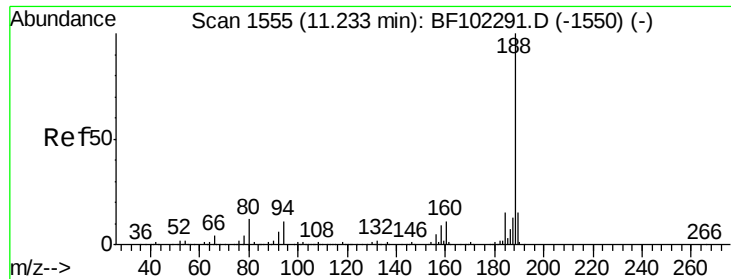
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#44
 2-Fluorobiphenyl
 Concen: 23.043 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	351675		
171	34.3	29.7	44.5	
170	23.5	19.6	29.4	





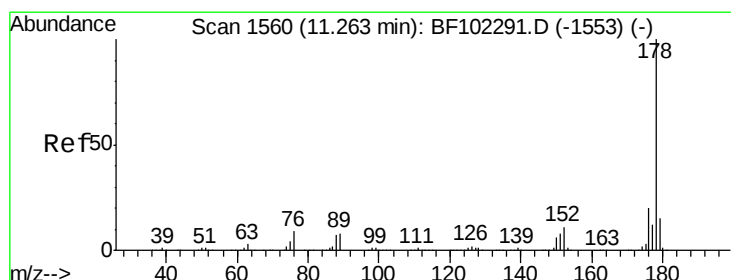
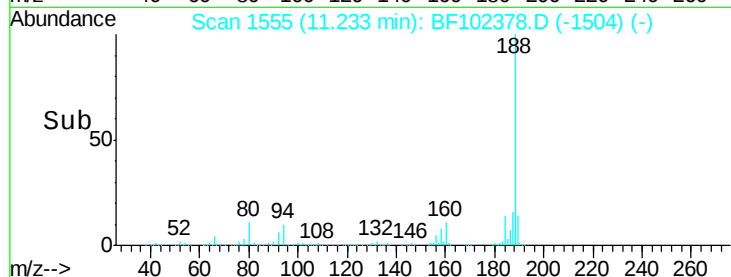
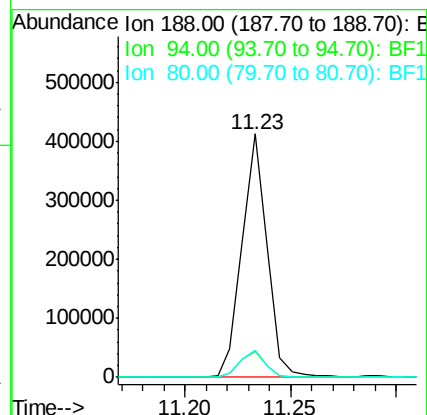
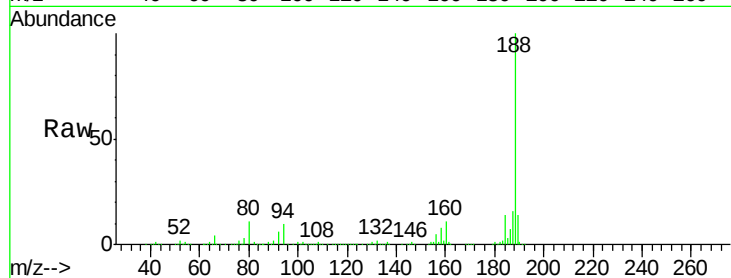
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :
WC-096613-02DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	8.5	12.7
80	11.5	9.2	13.8

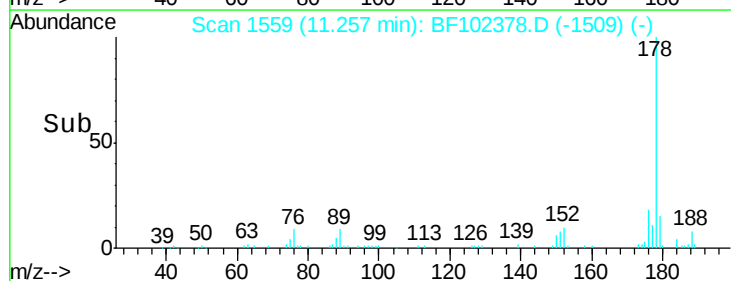
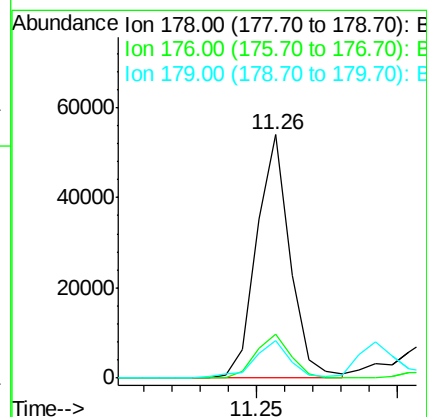
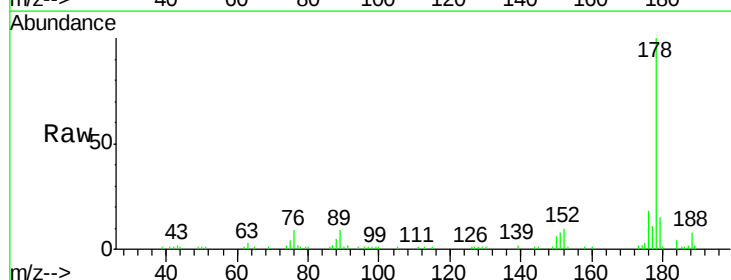
Manual Integrations
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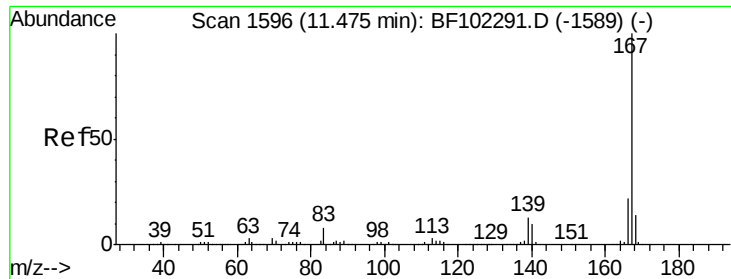
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#70
Phenanthrene
Concen: 2.246 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.8	23.8
179	15.3	13.0	19.6





#72

Carbazole

Concen: 4.226 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102378.D

Acq: 24 Jan 2018 8:50

Instrument :

BNA_F

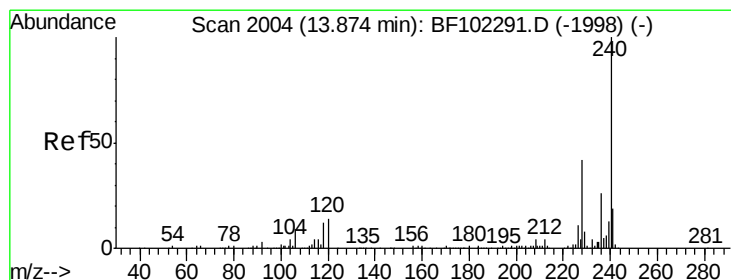
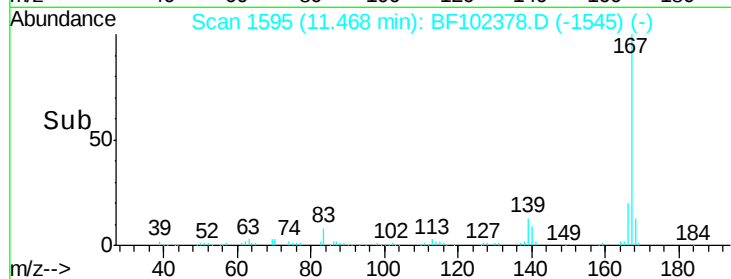
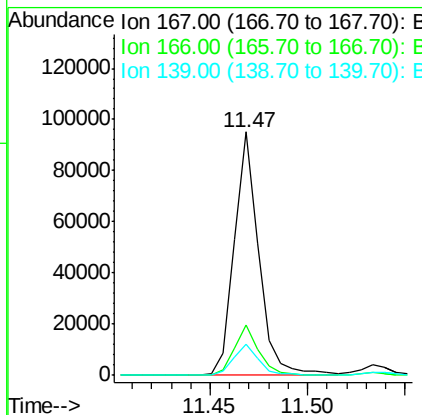
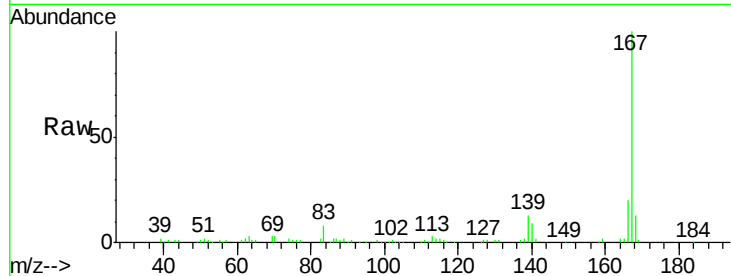
ClientSampleId :

WC-096613-02DL

Tgt Ion:	167	Resp:	82972
Ion Ratio	Lower	Upper	
167	100		
166	20.5	17.6	26.4
139	12.7	10.9	16.3

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1/24/2018 2:47:34 PM



#75

Chrysene-d12

Concen: 20.000 ng

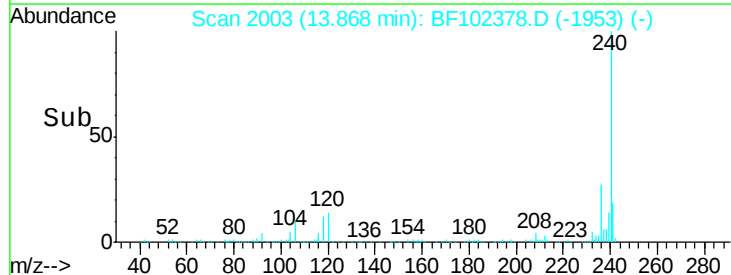
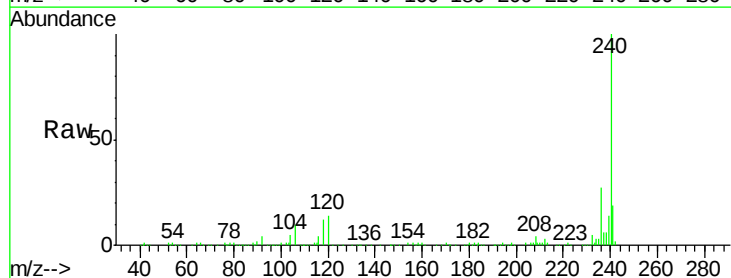
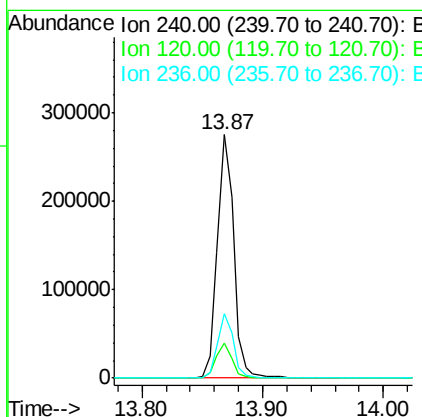
RT: 13.87 min Scan# 2003

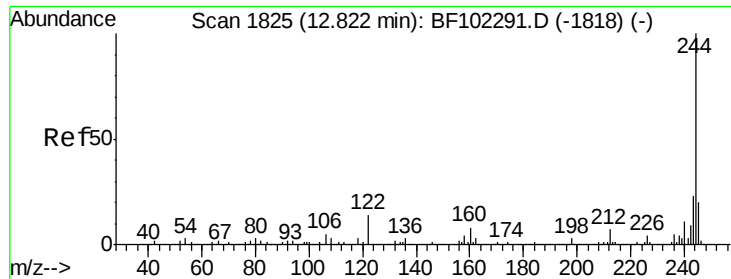
Delta R.T. -0.01 min

Lab File: BF102378.D

Acq: 24 Jan 2018 8:50

Tgt Ion:	240	Resp:	255930
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	26.6	20.7	31.1





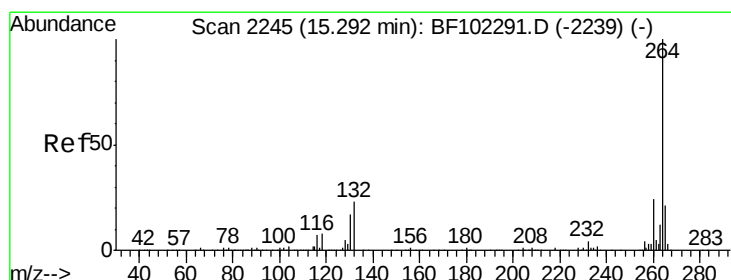
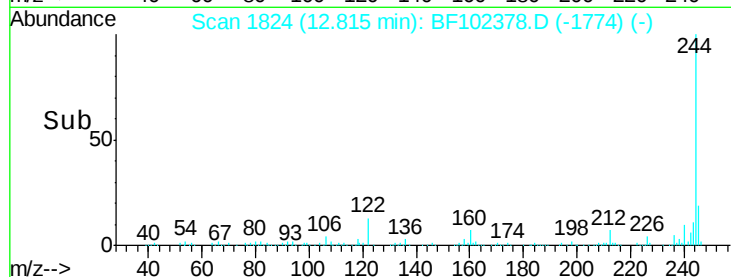
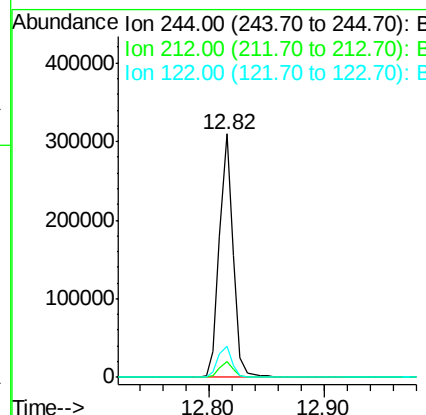
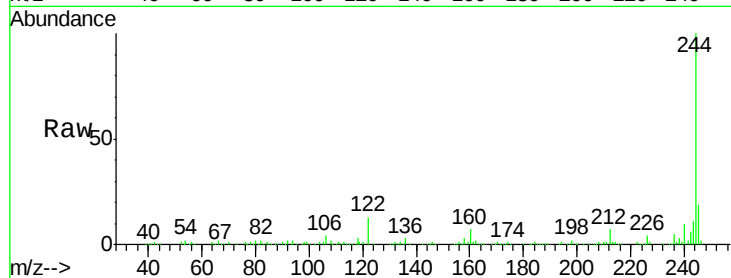
#78
 Terphenyl-d14
 Concen: 22.495 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-096613-02DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.4	8.0
122	12.9	11.0	16.4

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 1/24/2018 2:47:34 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102378.D
 Acq: 24 Jan 2018 8:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3

