

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102366.D
 Acq On : 24 Jan 2018 2:15
 Operator : SJ/JU
 Sample : J1236-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Manual Integrations
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Quant Time: Jan 24 12:49:45 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	6.75	152	112724m	20.00	ng	0.03
21) Naphthalene-d8	8.00	136	515642	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	230829	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	356222	20.00	ng	0.00
75) Chrysene-d12	13.87	240	244505	20.00	ng	0.00
86) Perylene-d12	15.30	264	222658	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	185539m	24.96	ng	0.02
7) Phenol-d6	6.40	99	209074m	23.33	ng	0.05
23) Nitrobenzene-d5	7.31	82	592742	66.06	ng	0.02
41) 2,4,6-Tribromophenol	10.55	330	241899	105.76	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1337845	85.22	ng	0.00
78) Terphenyl-d14	12.83	244	964151	88.90	ng	0.00

Target Compounds				Qvalue		
27) 2,4-Dimethylphenol	7.67	122	57043	8.129	ng	97
31) Naphthalene	8.03	128	2079854	80.786	ng	99
37) 2-Methylnaphthalene	8.71	142	156415	9.123	ng	98
45) 1,1'-Biphenyl	9.17	154	51261	2.484	ng	96
49) Dimethylphthalate	9.47	163	100063	5.245	ng	99
57) Fluorene	10.30	166	31671	2.023	ng	98
70) Phenanthrene	11.26	178	153670	7.403	ng	97
73) Di-n-butylphthalate	11.80	149	727433	28.155	ng	99
74) Fluoranthene	12.45	202	150880	7.128	ng	98
77) Pyrene	12.67	202	133169	7.044	ng	99
80) Benzo(a)anthracene	13.86	228	53936	3.583	ng	98
82) Chrysene	13.90	228	51019	3.338	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	199117	15.749	ng	99
87) Benzo(b)fluoranthene	14.89	252	57592m	3.991	ng	
89) Benzo(a)pyrene	15.24	252	33023	2.537	ng	# 90
91) Benzo(g,h,i)perylene	17.10	276	20847	2.003	ng	98

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

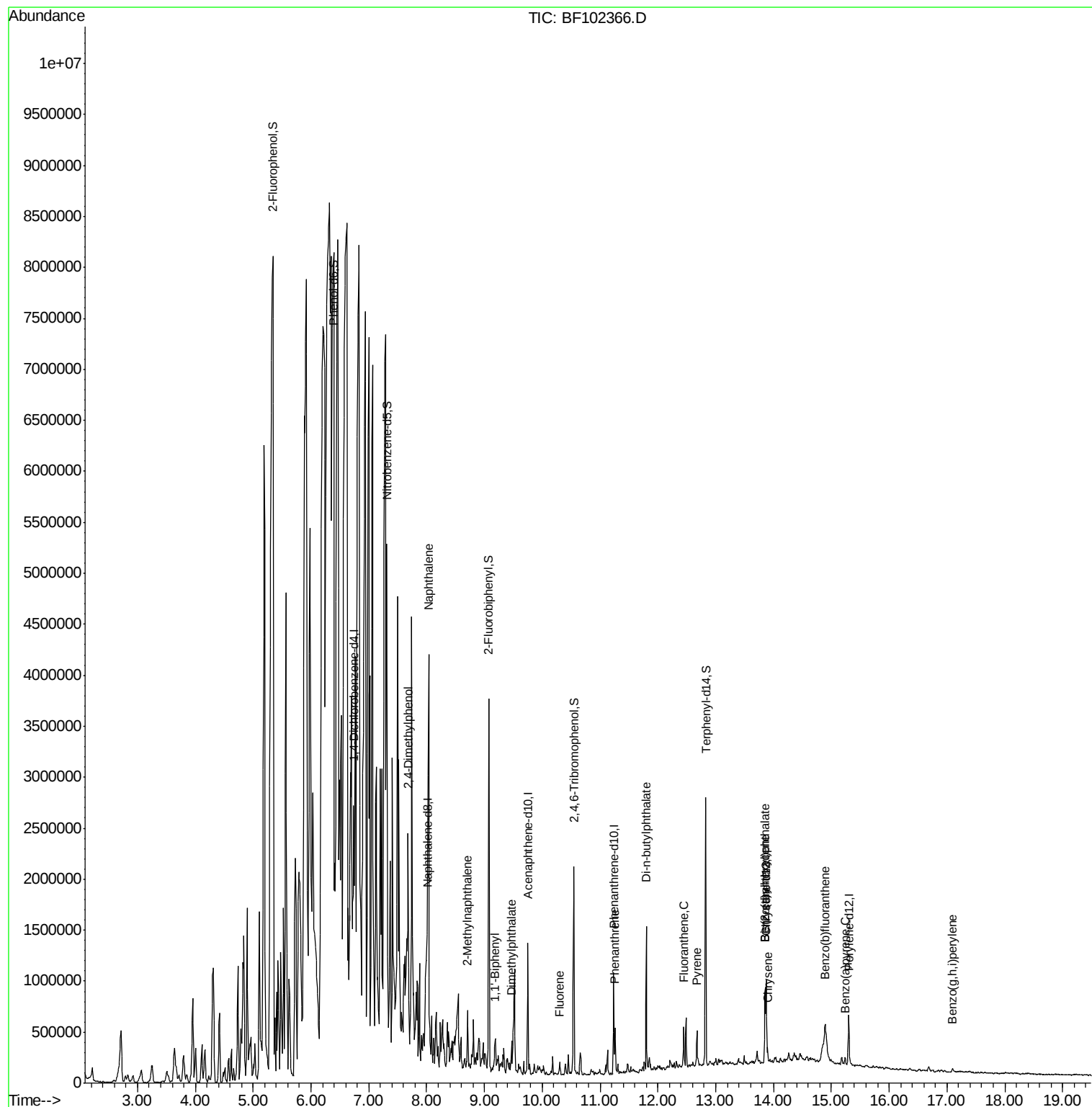
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

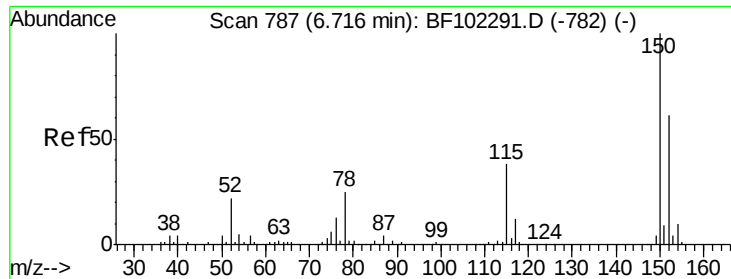
Instrument :
BNA_F
ClientSampleId :
TW-2

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Quant Time: Jan 24 12:49:45 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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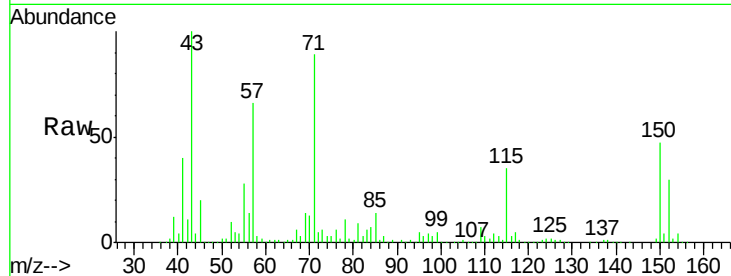




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 6.75 min Scan# 792
Delta R.T. 0.03 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

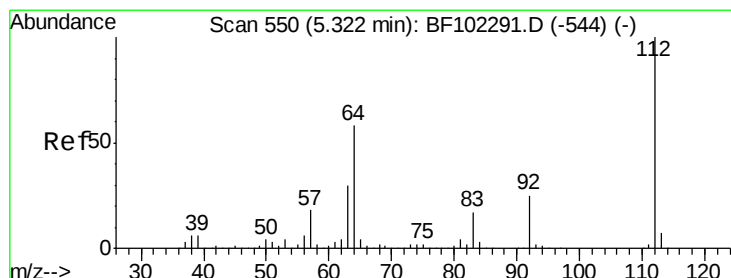
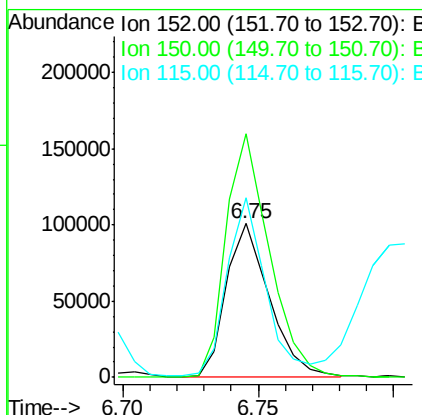
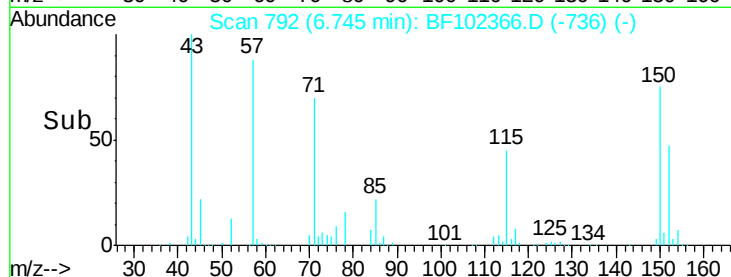
Instrument :
BNA_F
ClientSampled :
TW-2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	117.3	50.1	75.1#

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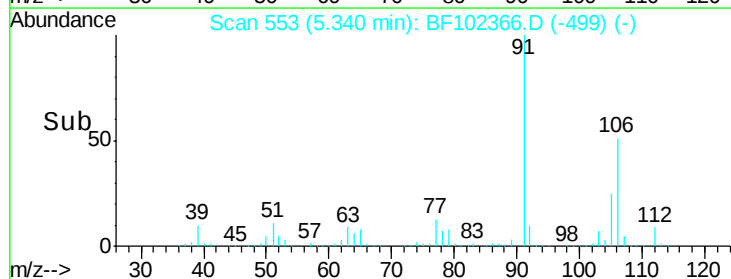
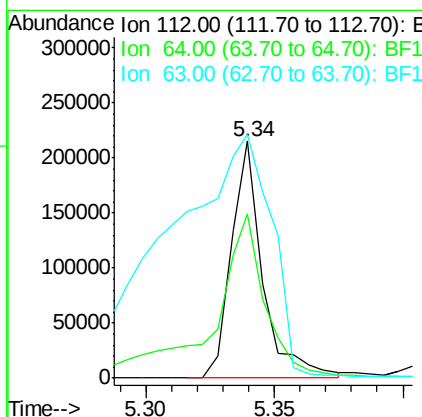
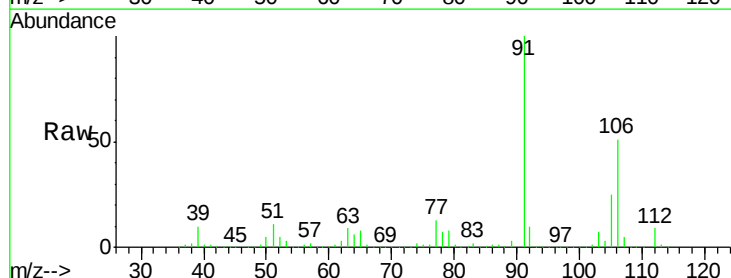
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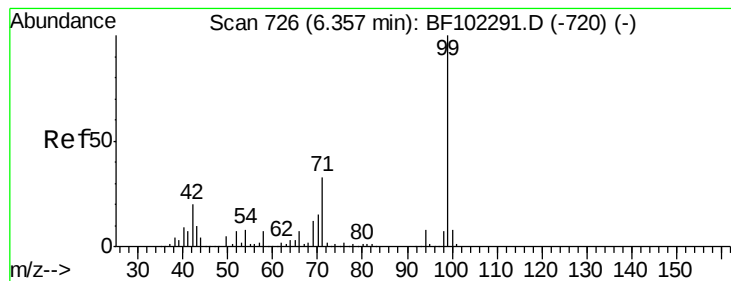


#5

2-Fluorophenol
Concen: 24.957 ng m
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	47.9	71.9
63	102.9	23.7	35.5#





#7

Phenol-d6

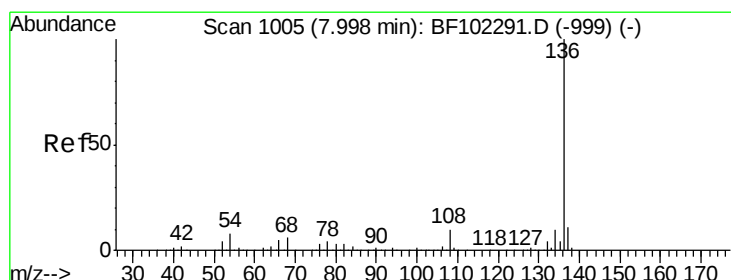
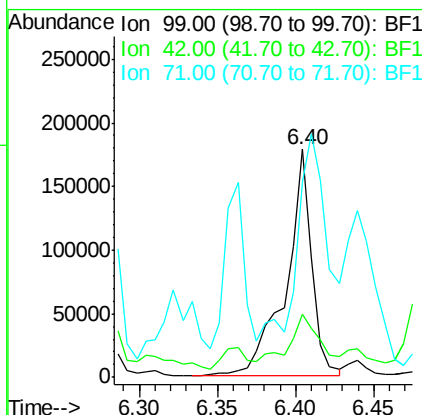
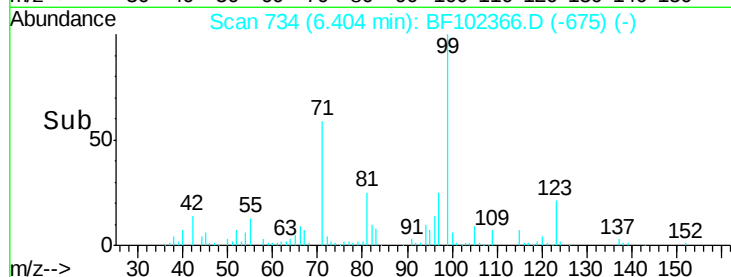
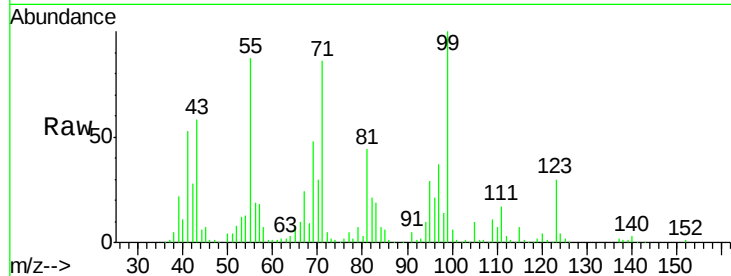
Concen: 23.327 ng m
RT: 6.40 min Scan# 734
Delta R.T. 0.05 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampled :
TW-2

Tgt Ion	Ratio	Lower	Upper
99	100		
42	27.7	14.5	21.7#
71	85.8	25.4	38.0#

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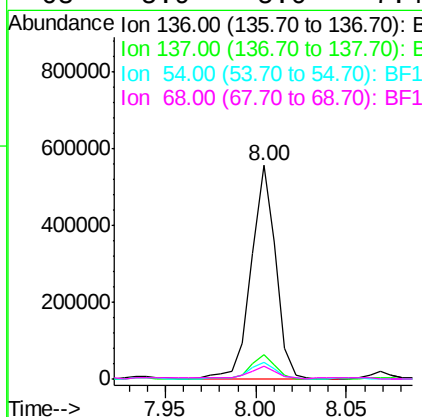
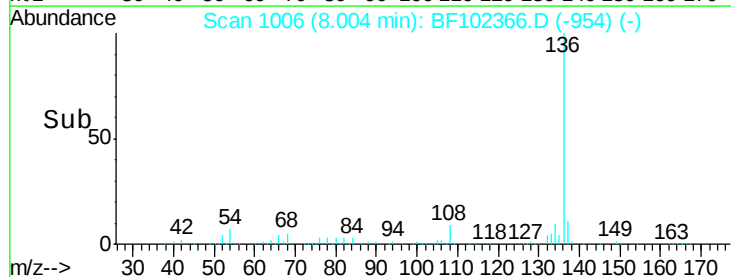
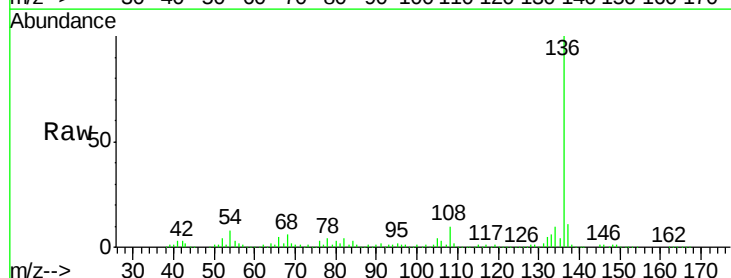


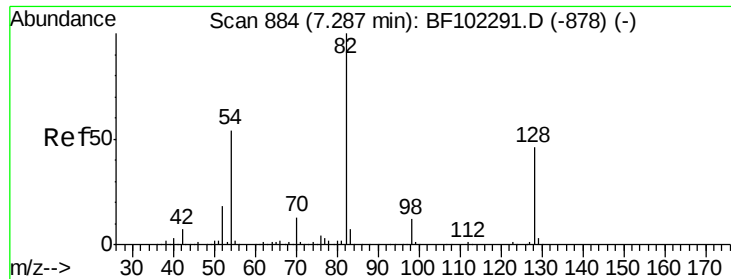
#21

Naphthalene-d8

Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4





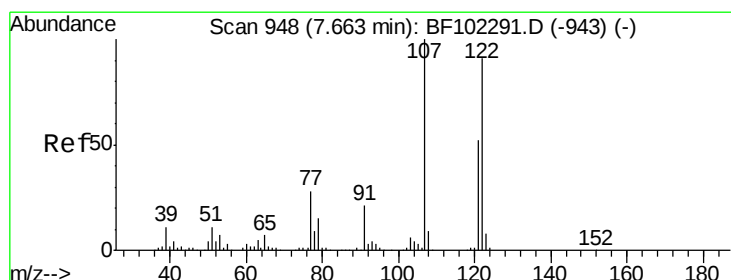
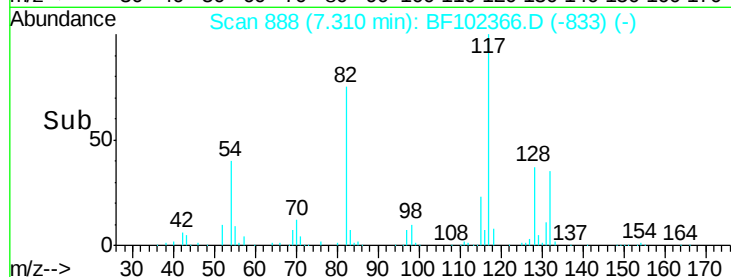
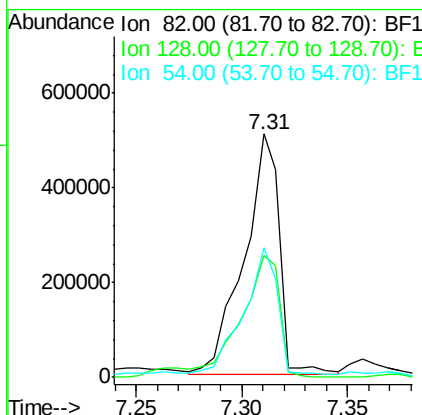
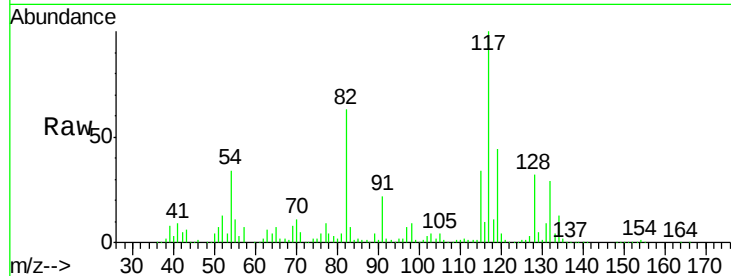
#23
 Nitrobenzene-d5
 Concen: 66.059 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.02 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	592742		
128	50.2	36.1	54.1	
54	53.2	41.4	62.2	

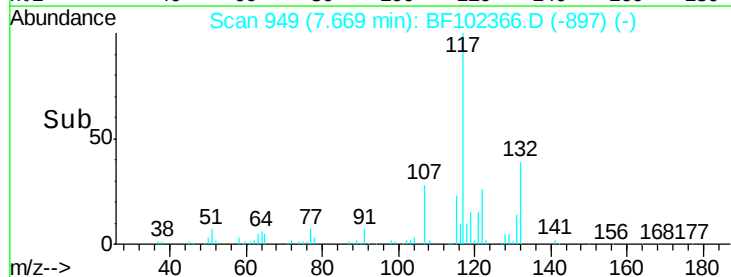
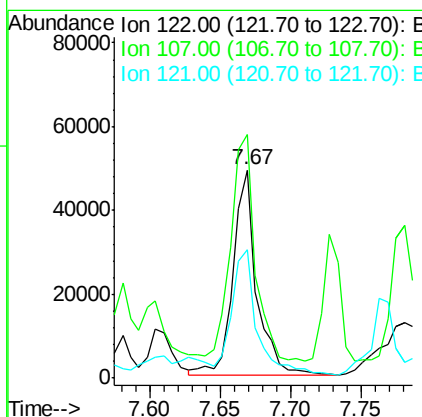
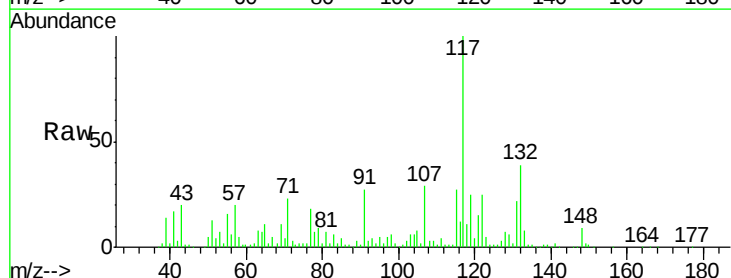
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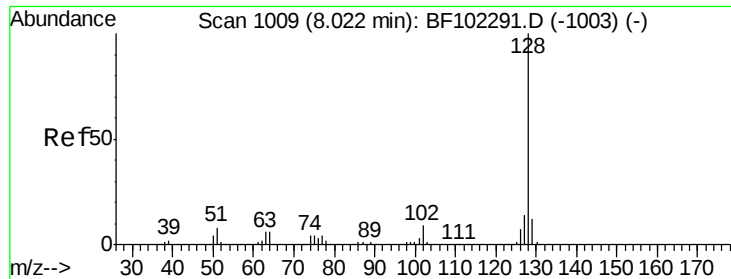
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#27
 2,4-Dimethylphenol
 Concen: 8.129 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57043		
107	117.0	91.2	136.8	
121	61.8	47.2	70.8	





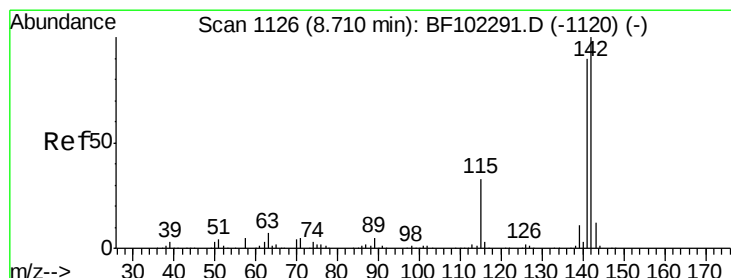
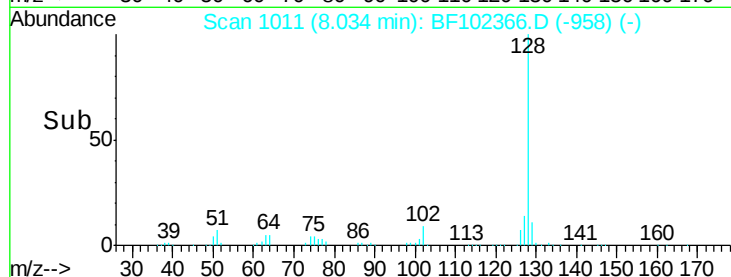
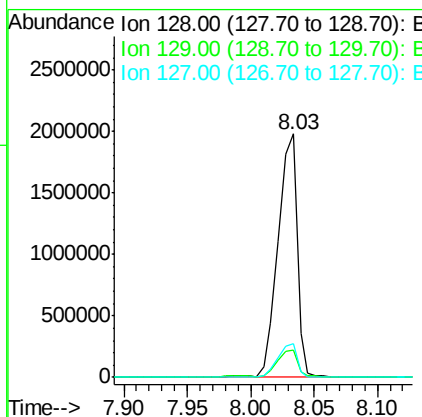
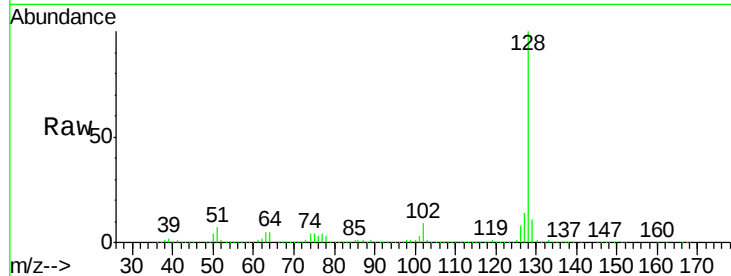
#31
Naphthalene
Concen: 80.786 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampled :
TW-2

Tgt Ion:128 Resp: 2079854
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.9 16.3

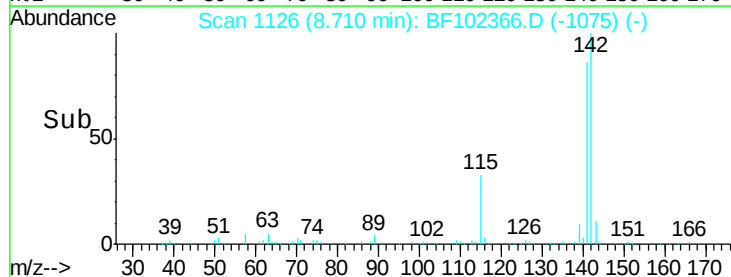
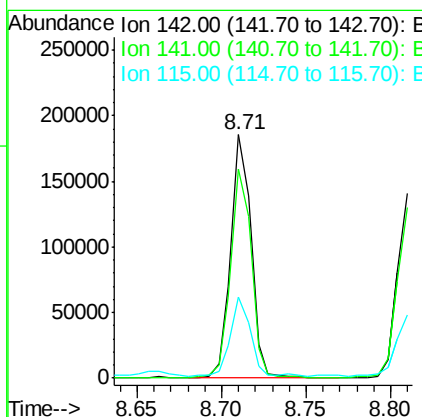
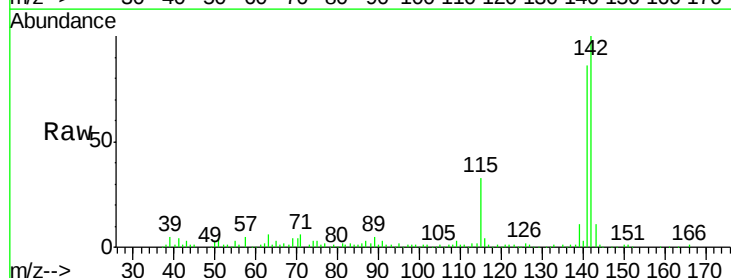
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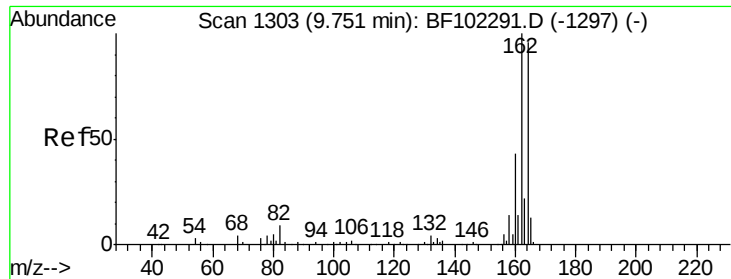
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#37
2-Methylnaphthalene
Concen: 9.123 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion:142 Resp: 156415
Ion Ratio Lower Upper
142 100
141 86.1 70.8 106.2
115 33.3 26.1 39.1





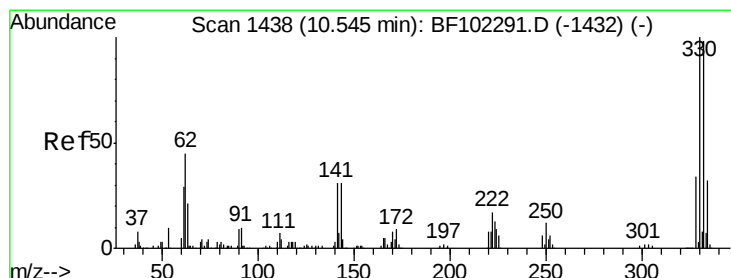
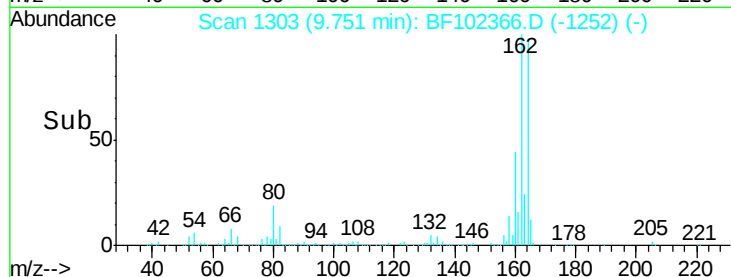
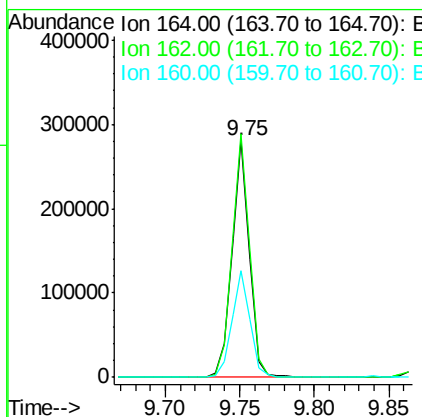
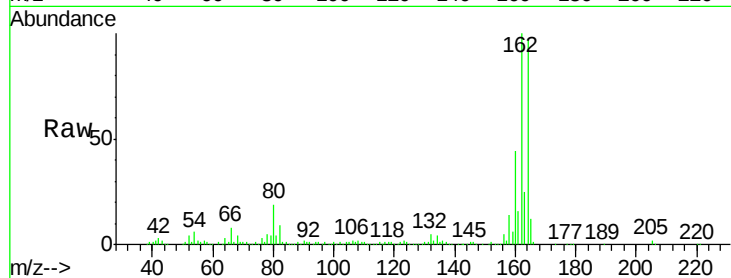
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	230829	86.1	129.1
160	45.1		38.3	57.5

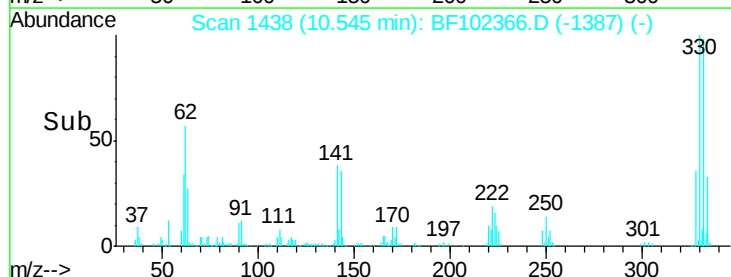
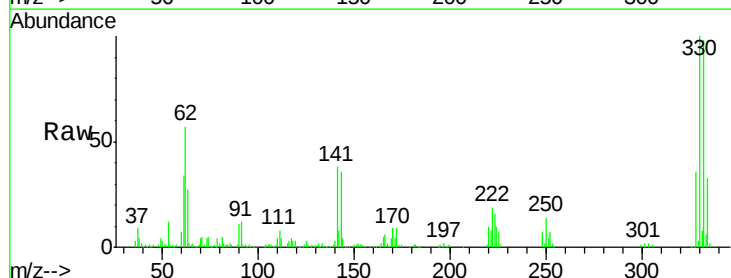
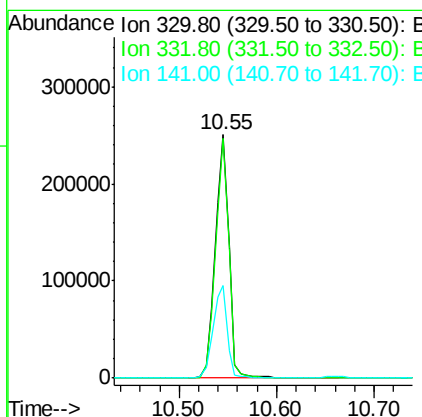
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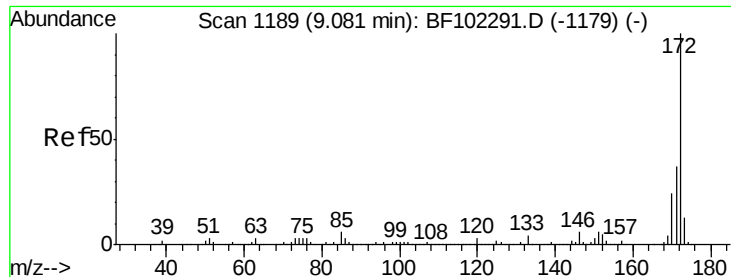
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#41
 2,4,6-Tribromophenol
 Concen: 105.763 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	241899		
332	96.4		77.0	115.6
141	39.7		29.9	44.9





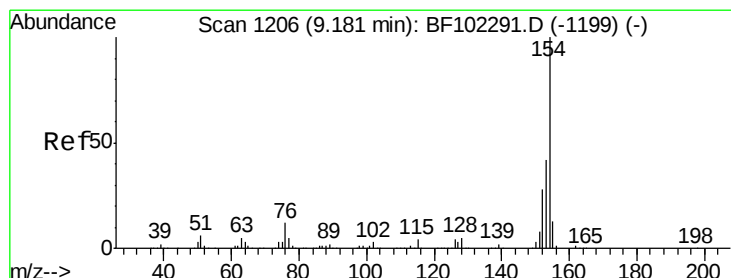
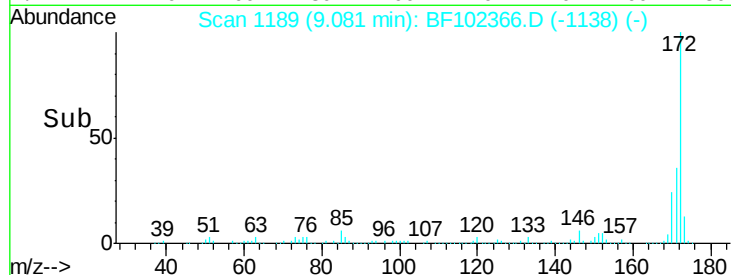
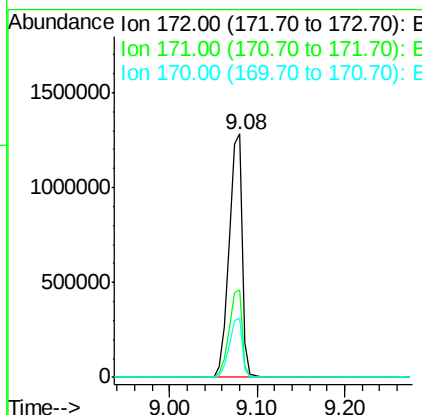
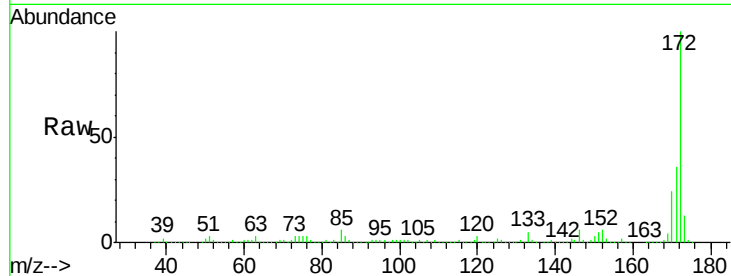
#44
 2-Fluorobiphenyl
 Concen: 85.219 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

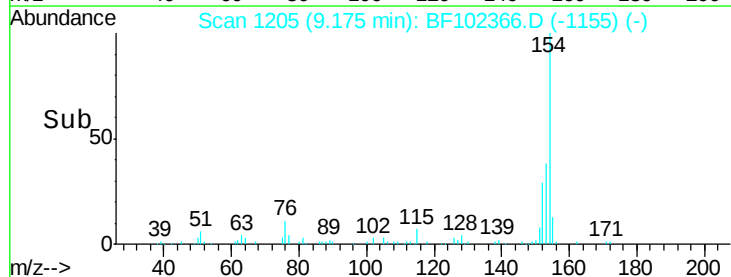
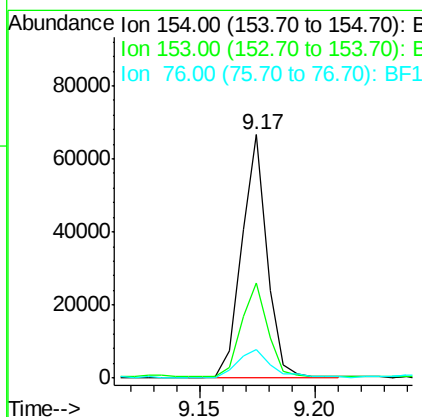
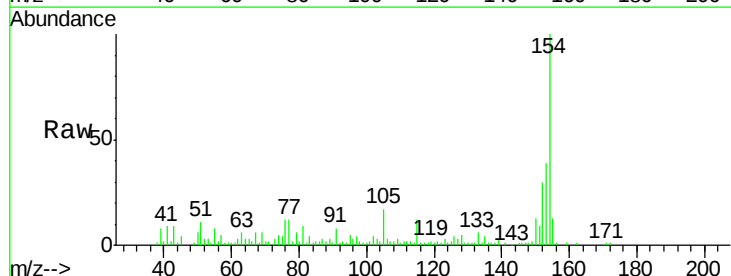
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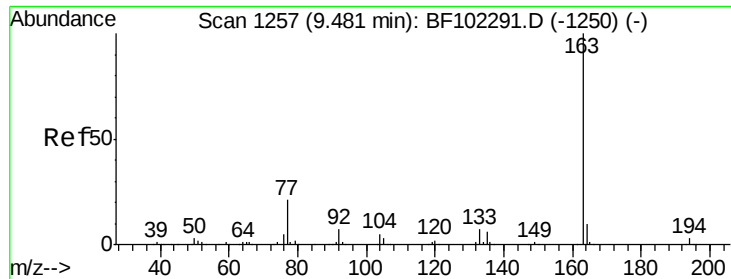
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#45
 1,1'-Biphenyl
 Concen: 2.484 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	21.3	61.3
76	11.5	0.0	34.0





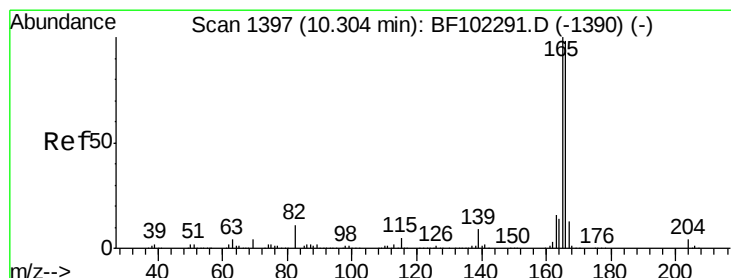
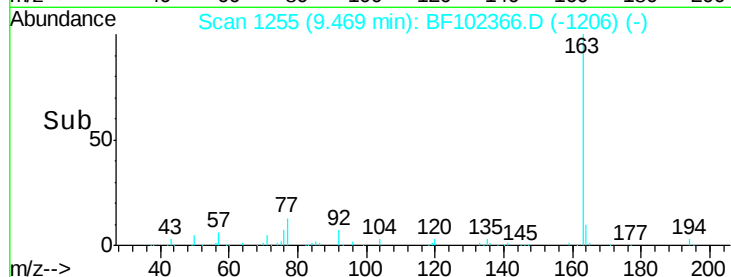
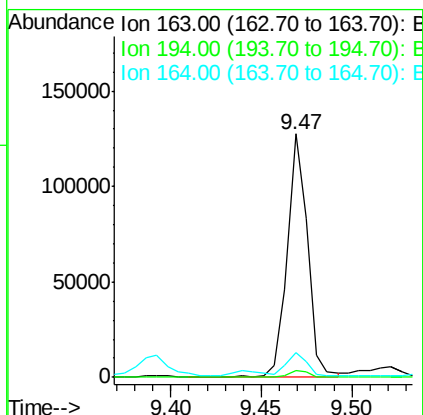
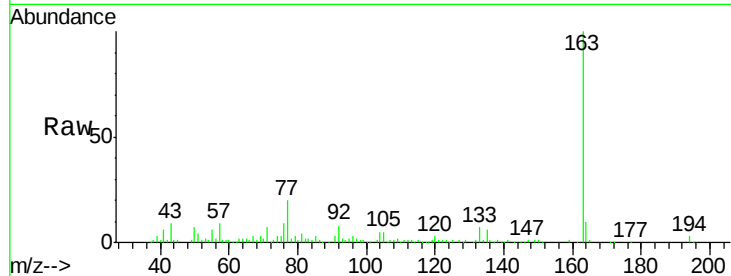
#49
Dimethylphthalate
Concen: 5.245 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.7	4.1
164	10.4	8.2	12.2

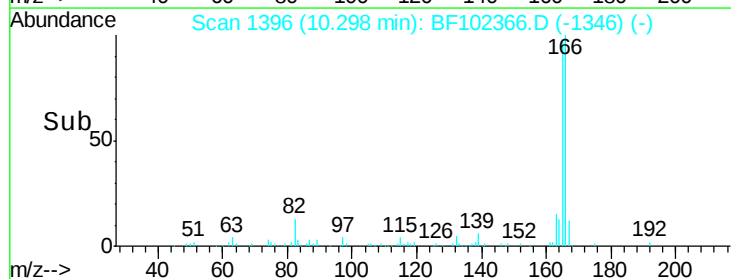
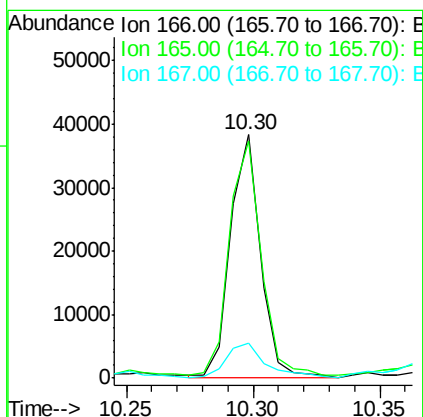
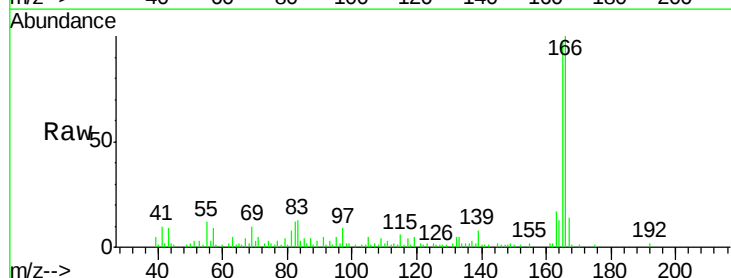
Manual Integrations
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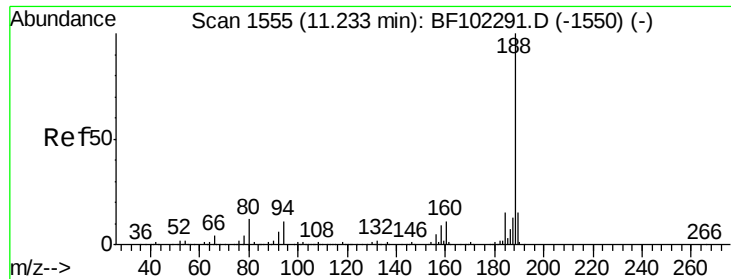
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#57
Fluorene
Concen: 2.023 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.3	79.8	119.8
167	14.3	10.6	16.0





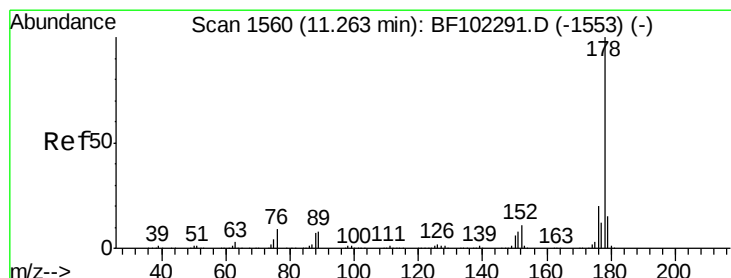
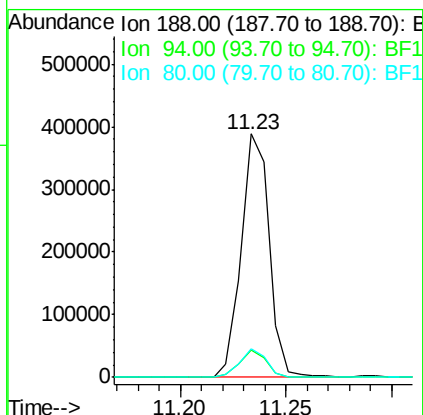
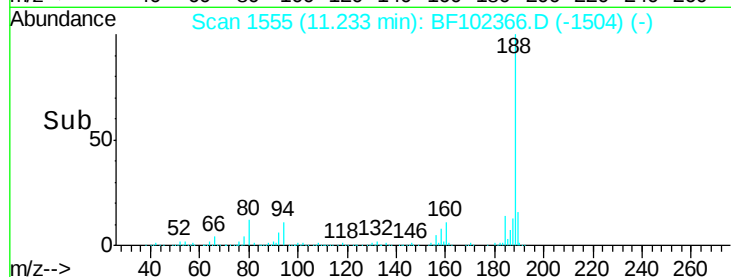
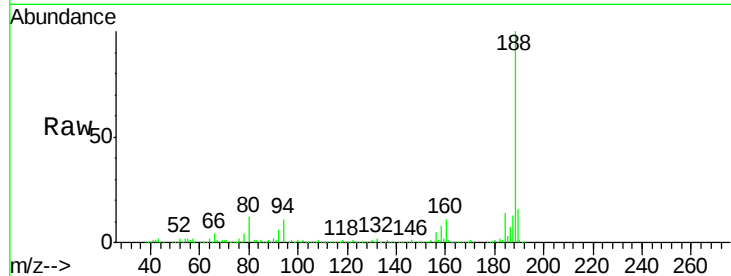
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampled :
TW-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8

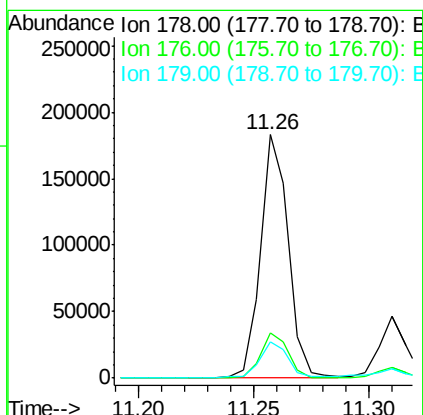
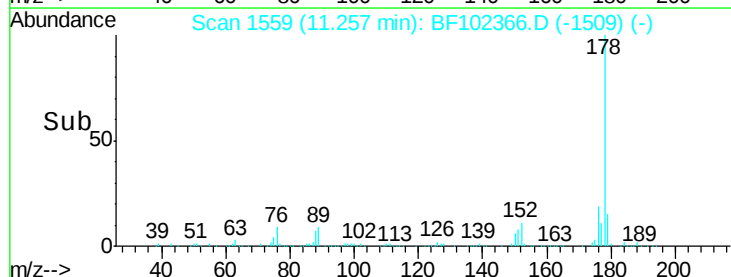
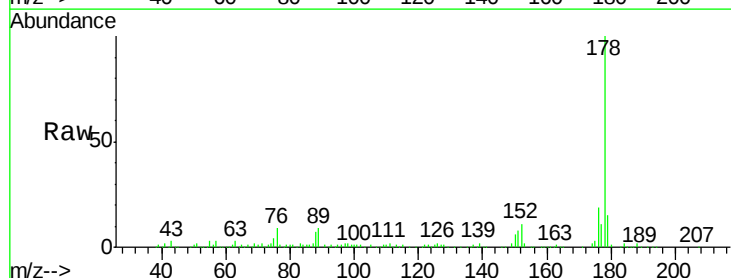
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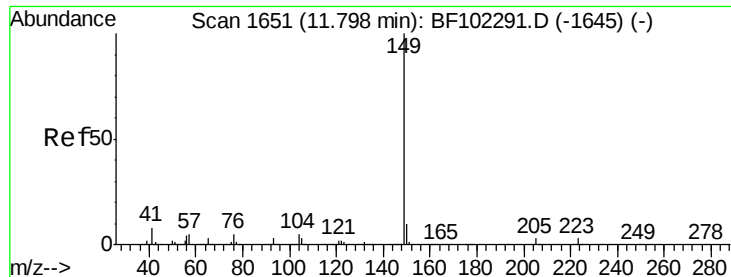
Sohil
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#70
Phenanthrene
Concen: 7.403 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.7	15.8	23.8
179	15.1	13.0	19.6





#73

Di-n-butylphthalate

Concen: 28.155 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

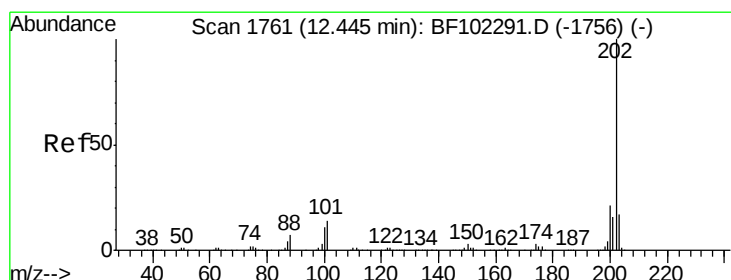
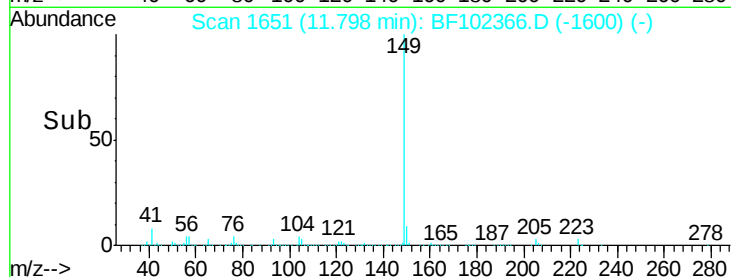
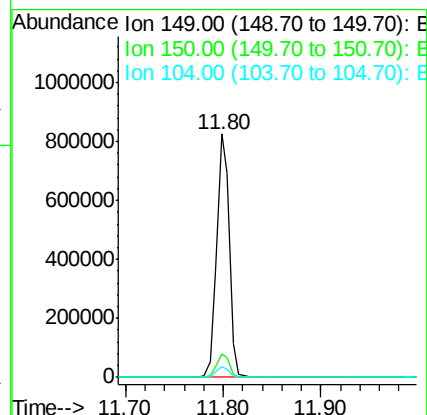
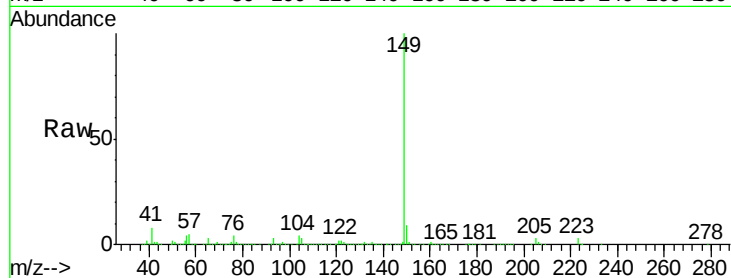
ClientSampled :

TW-2

Tgt Ion:	149	Resp:	727433
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 7.128 ng

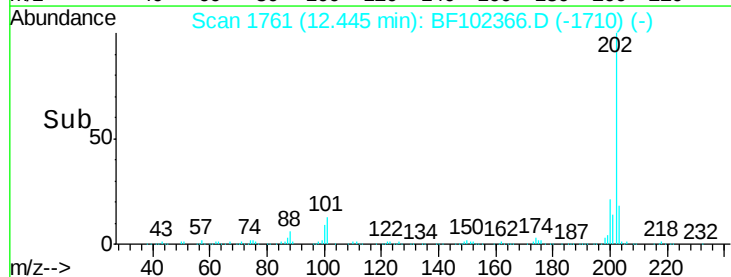
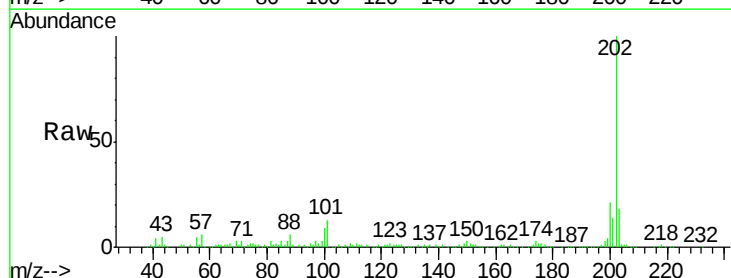
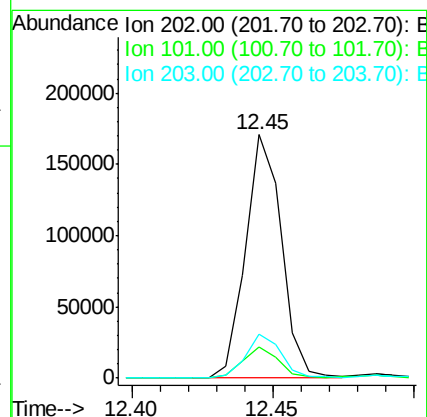
RT: 12.45 min Scan# 1761

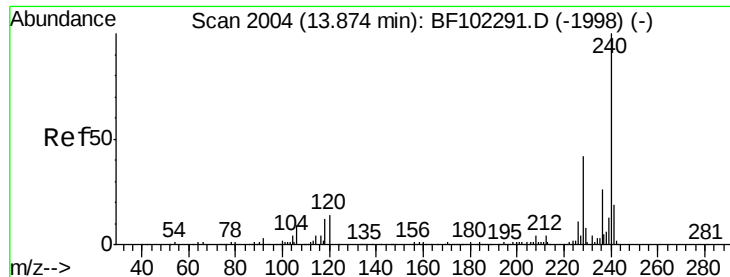
Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:	202	Resp:	150880
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

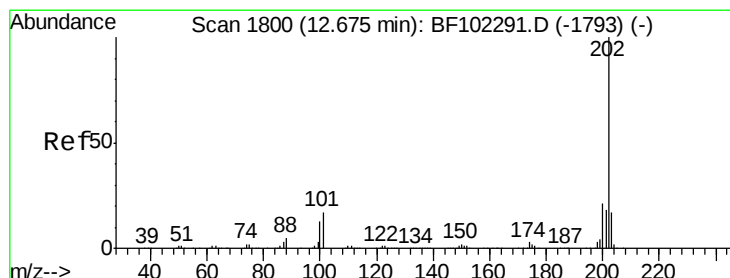
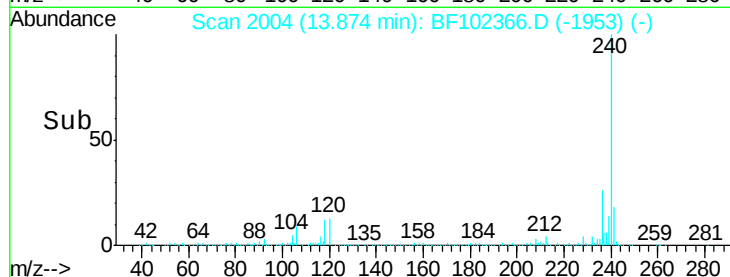
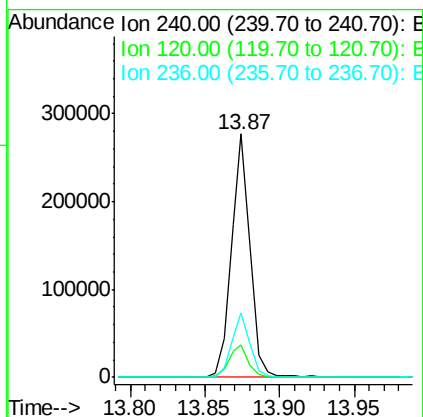
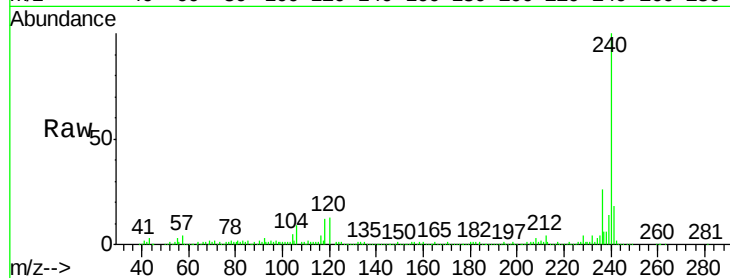
ClientSampled :

TW-2

Tgt Ion:	240	Resp:	244505
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	26.4	20.7	31.1

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#77

Pyrene

Concen: 7.044 ng

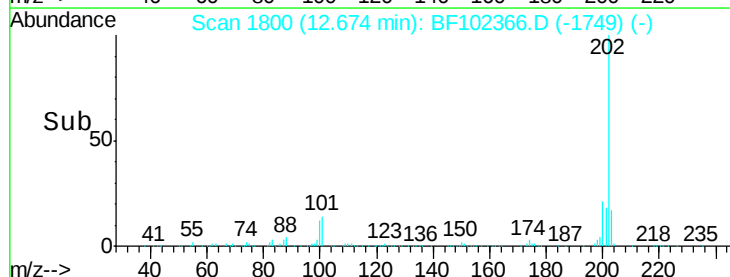
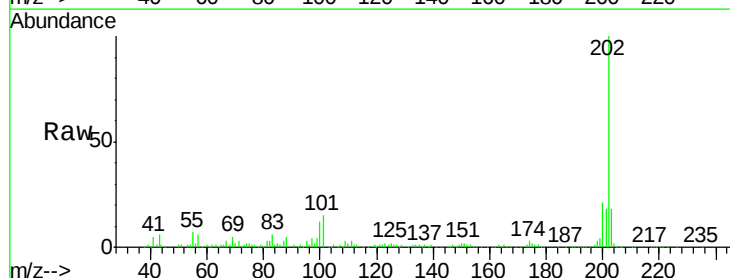
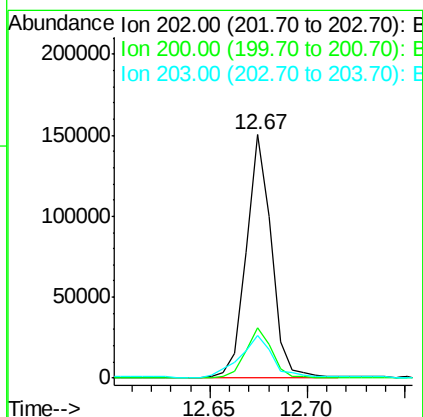
RT: 12.67 min Scan# 1800

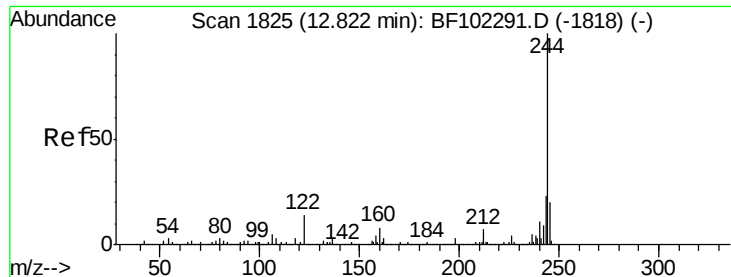
Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:	202	Resp:	133169
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 88.896 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

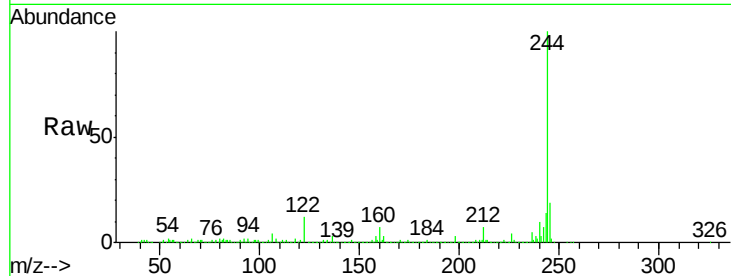
ClientSampleId :

TW-2

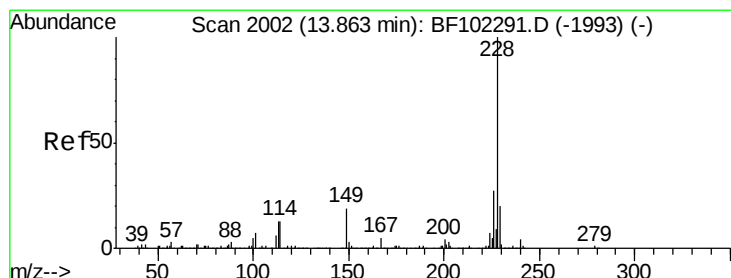
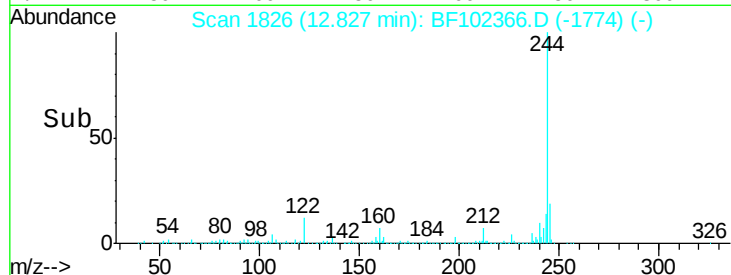
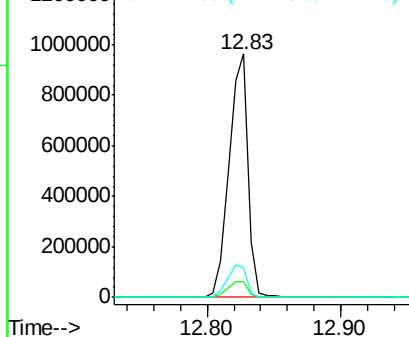
Tgt Ion:	244	Resp:	964151
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.583 ng

RT: 13.86 min Scan# 2002

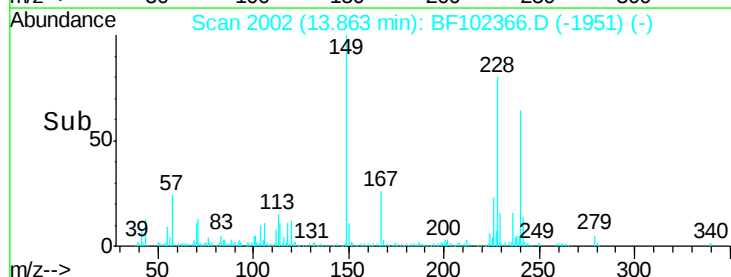
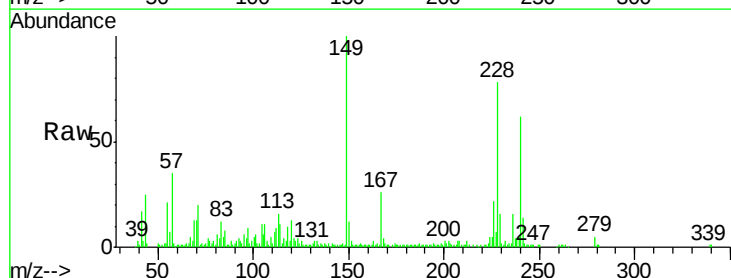
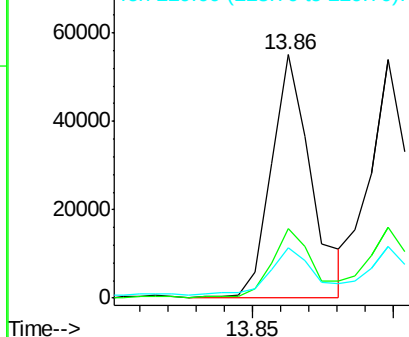
Delta R.T. -0.00 min

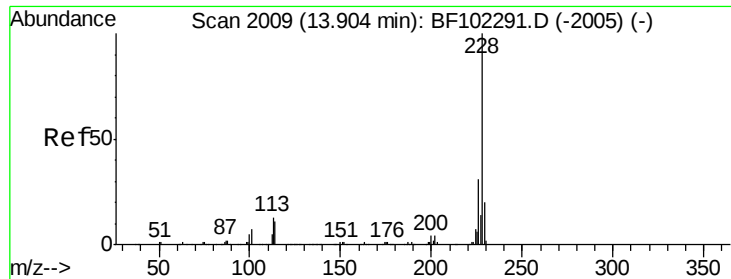
Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:	228	Resp:	53936
Ion Ratio		Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.9	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





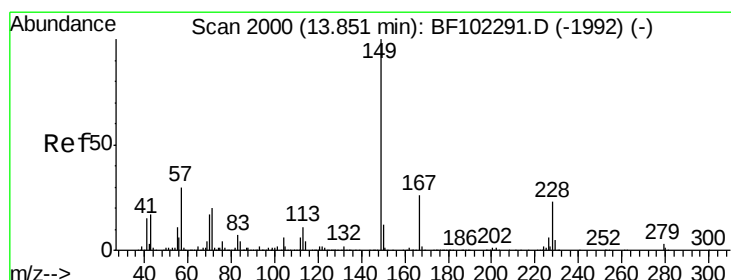
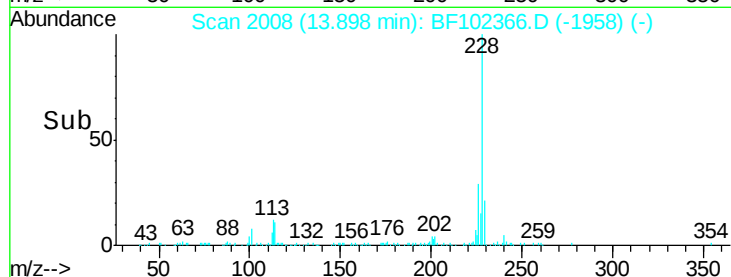
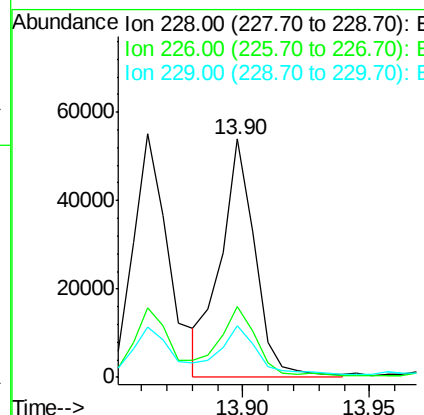
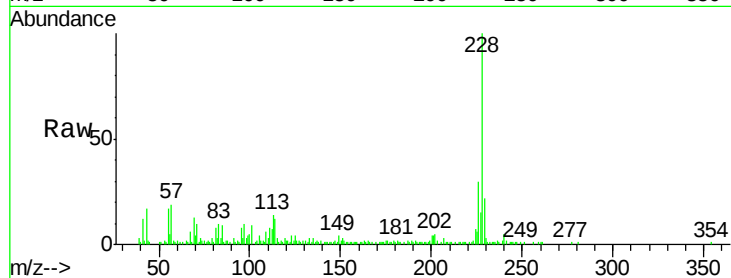
#82
Chrysene
 Concen: 3.338 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.7	16.2	24.4

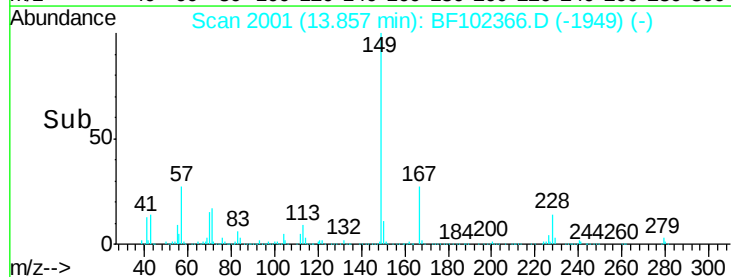
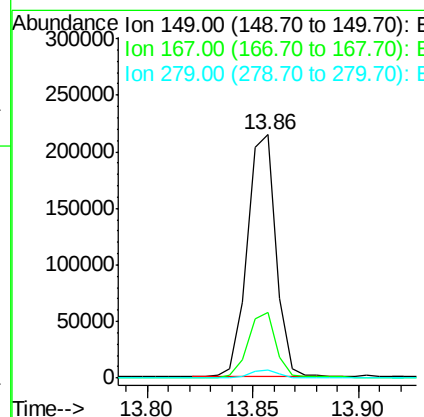
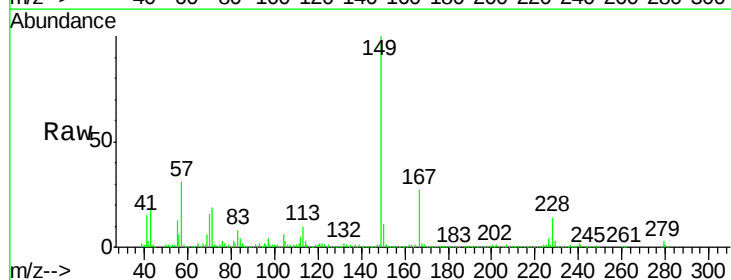
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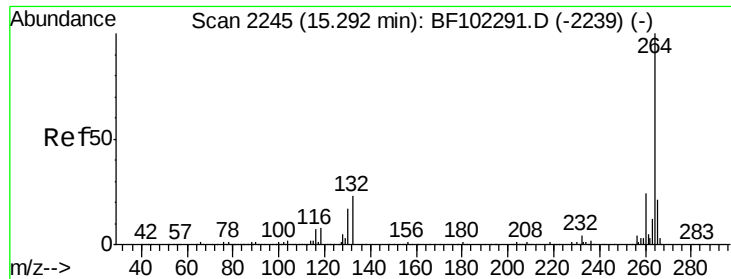
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 15.749 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	3.0	4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

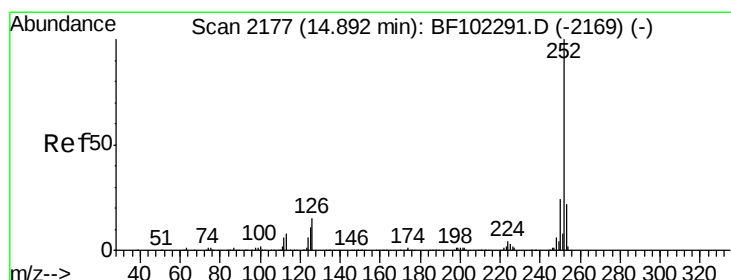
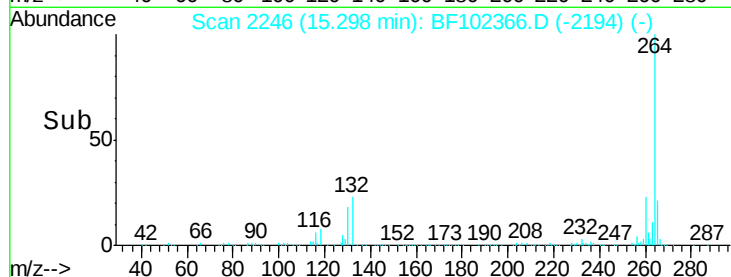
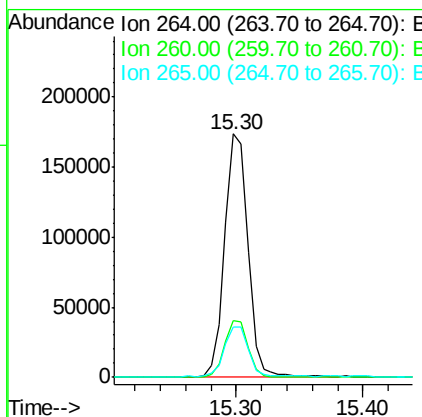
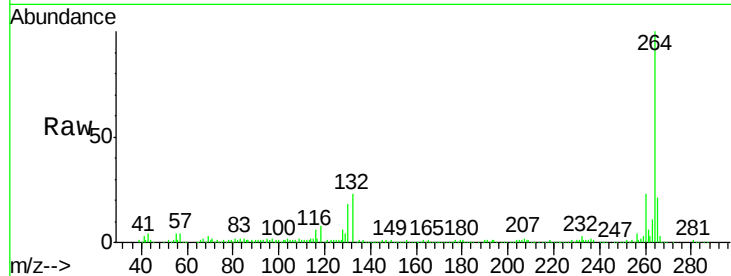
ClientSampleId :

TW-2

Tgt Ion:	264	Resp:	222658
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 3.991 ng m

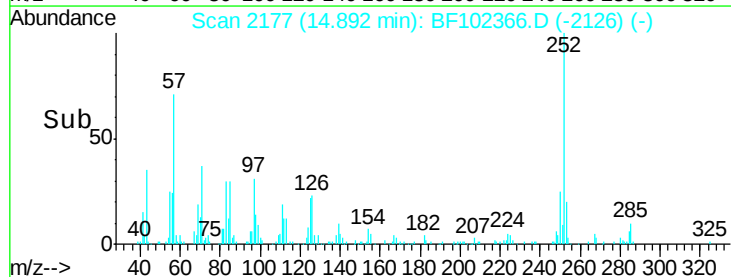
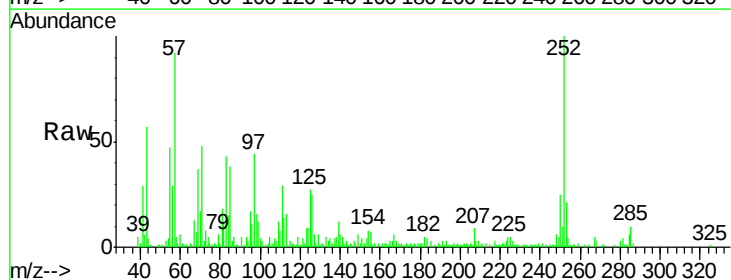
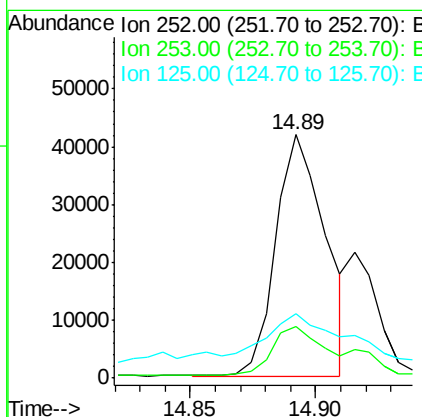
RT: 14.89 min Scan# 2177

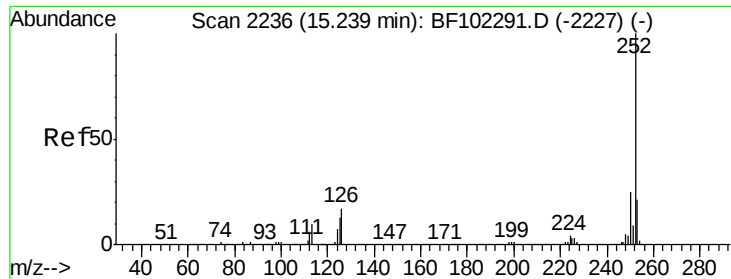
Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:	252	Resp:	57592
Ion Ratio		Lower	Upper
252	100		
253	21.0	17.0	25.6
125	26.7	9.0	13.6#





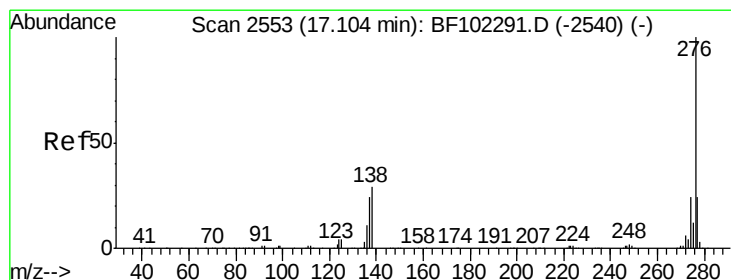
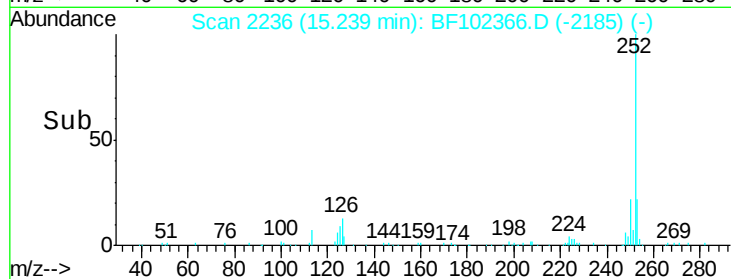
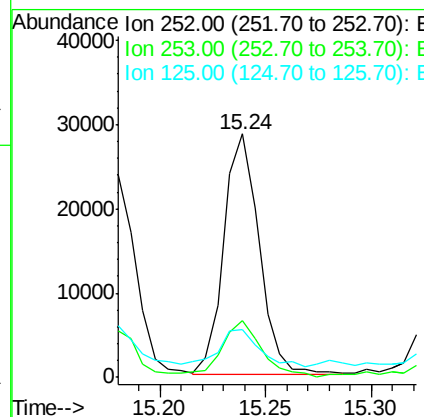
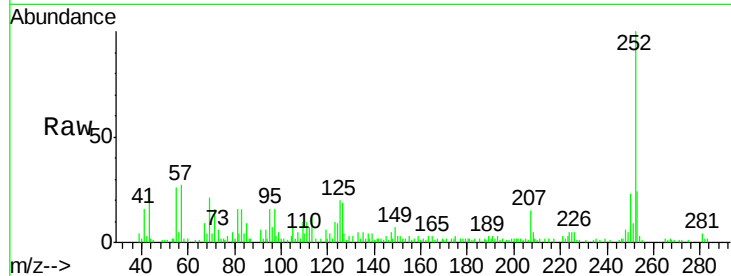
#89
Benzo(a)pyrene
Concen: 2.537 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampled :
TW-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.1	25.7
125	19.6	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.003 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.0	17.9	26.9
138	25.3	21.8	32.8

