

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102483.D
 Acq On : 26 Jan 2018 21:50
 Operator : SJ/JU
 Sample : J1257-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13(0-5)

Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:47:24 PM

Quant Time: Jan 26 23:18:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154956	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	630151	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	244368	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	302705	20.00	ng	0.01
75) Chrysene-d12	13.91	240	201024	20.00	ng	0.03
86) Perylene-d12	15.35	264	160011	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	178028	17.42	ng	0.00
7) Phenol-d6	6.36	99	223289	18.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	96651	8.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	25656	10.60	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	222447	13.38	ng	0.00
78) Terphenyl-d14	12.85	244	112685	12.64	ng	0.02
Target Compounds						
65) n-Nitrosodiphenylamine	10.42	169	22460	2.022	ng	# 51
70) Phenanthrene	11.27	178	79116	4.485	ng	# 91
74) Fluoranthene	12.47	202	80409	4.470	ng	# 87
77) Pyrene	12.70	202	91151	5.865	ng	# 88
80) Benzo(a)anthracene	13.90	228	30849	2.493	ng	# 54
82) Chrysene	13.93	228	35406	2.817	ng	# 69
83) Bis(2-ethylhexyl)phthalate	13.87	149	76783	7.387	ng	# 88
87) Benzo(b)fluoranthene	14.94	252	38626m	3.724	ng	#
91) Benzo(g,h,i)perylene	17.18	276	16463	2.201	ng	# 55

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

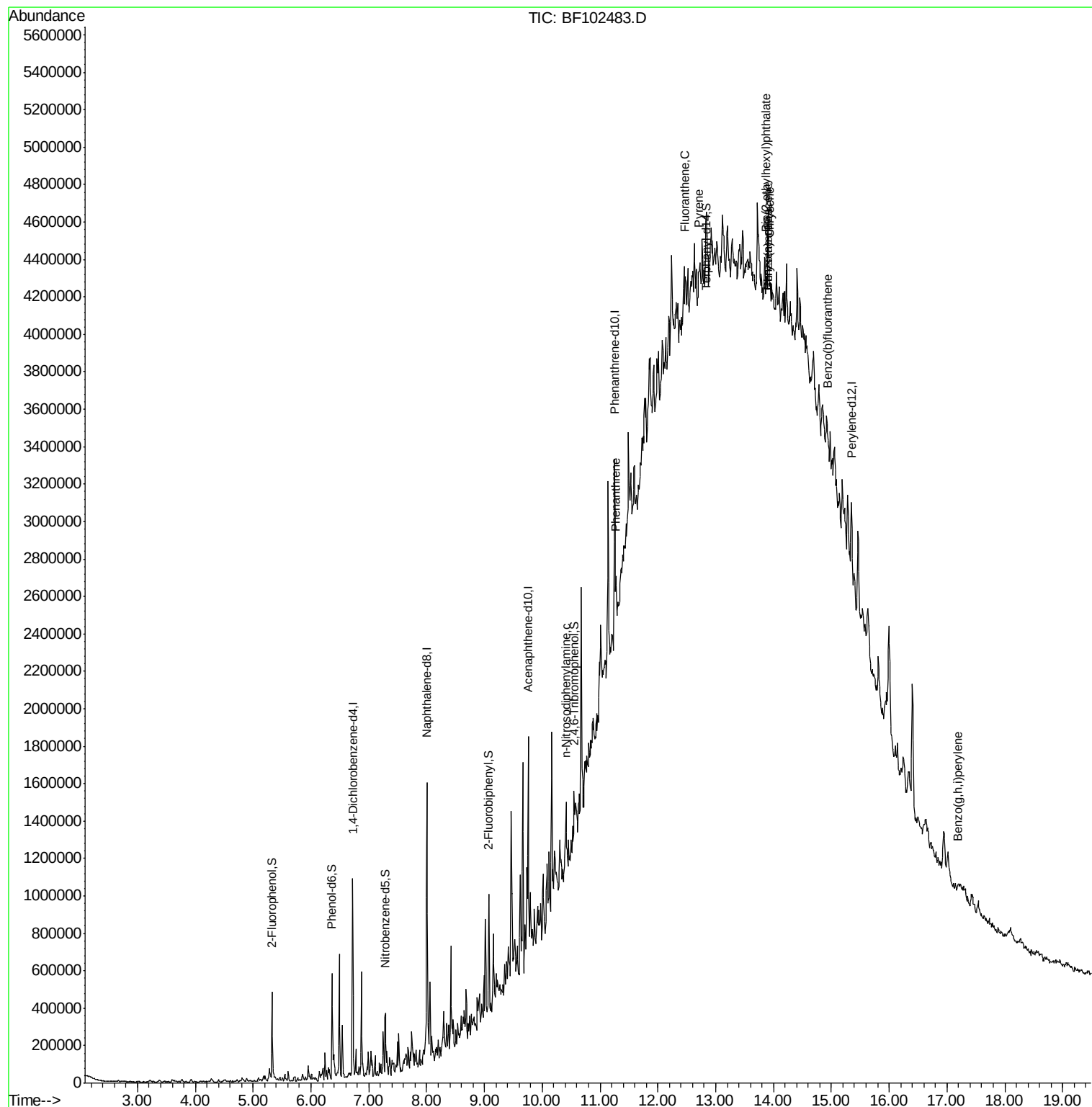
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

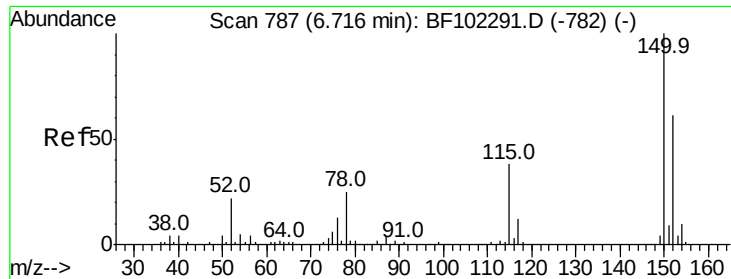
Instrument :
BNA_F
ClientSampleId :
WC-13(0-5)

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#1

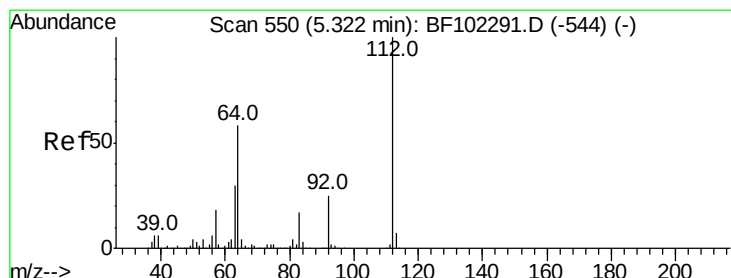
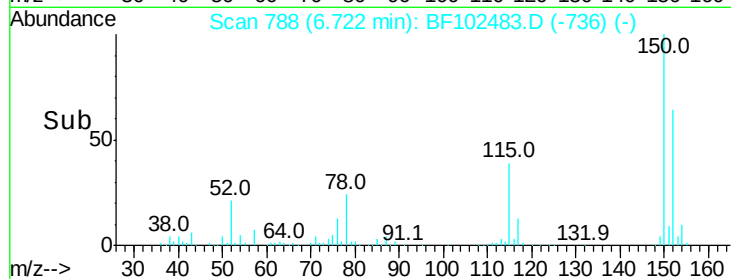
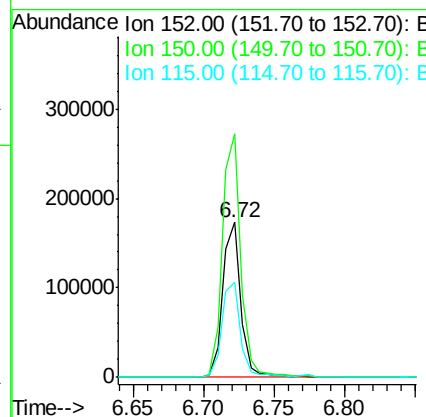
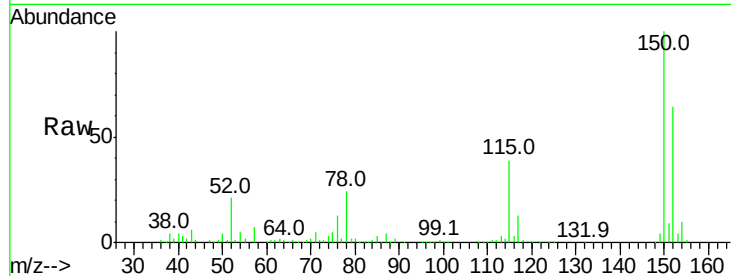
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Instrument :
BNA_F
ClientSampleId :
WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.3	50.1	75.1

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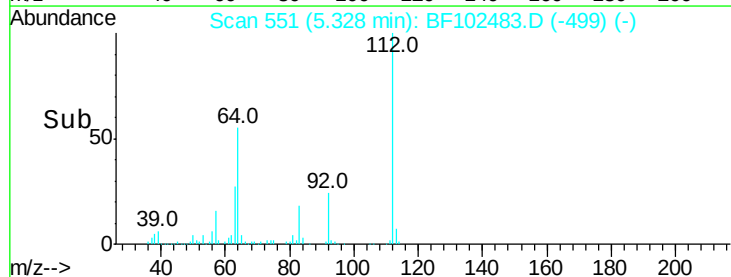
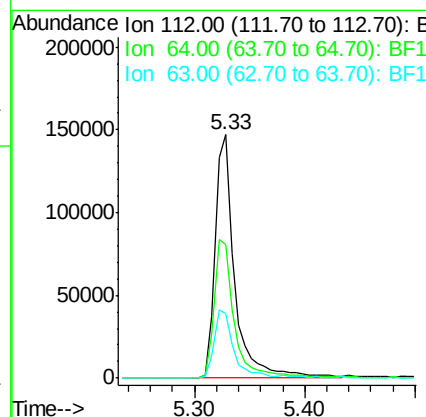
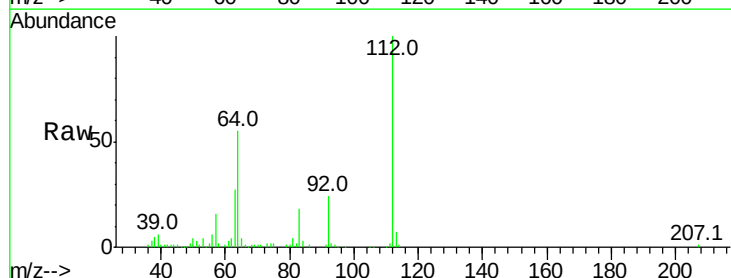
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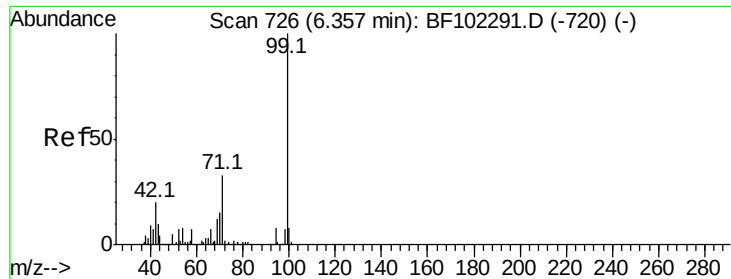


#5

2-Fluorophenol
Concen: 17.420 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 18.123 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Instrument :

BNA_F

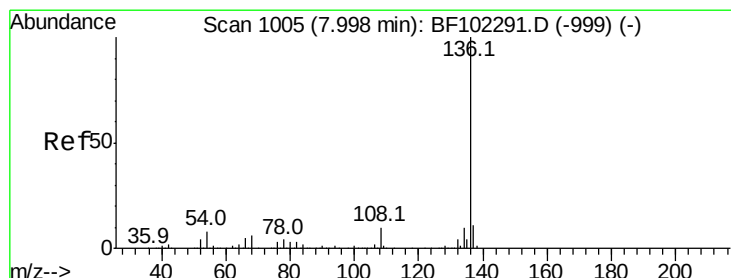
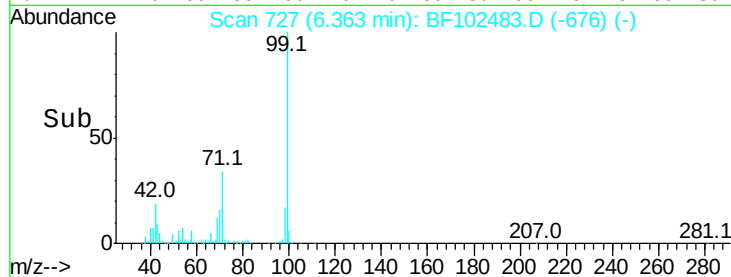
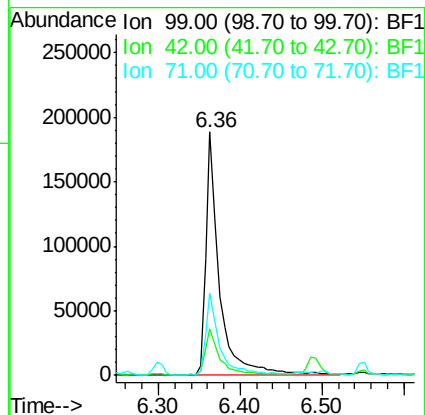
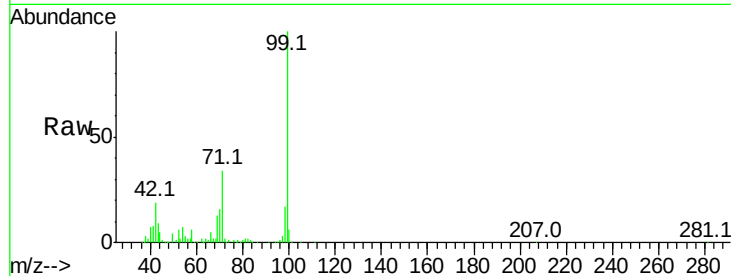
ClientSampled :

WC-13(0-5)

Tot Ion	99	Resp	223289
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	34.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

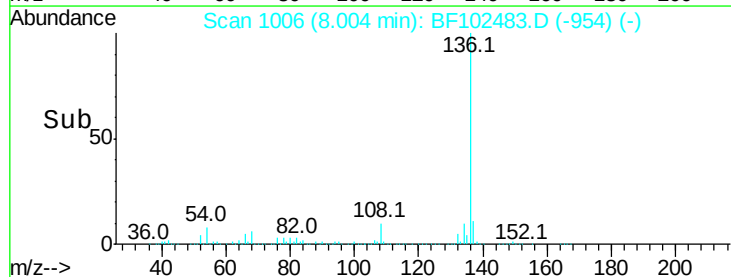
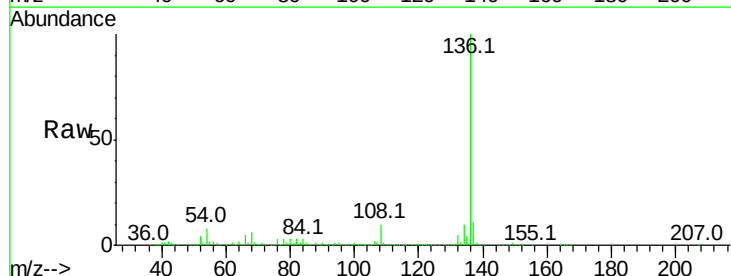
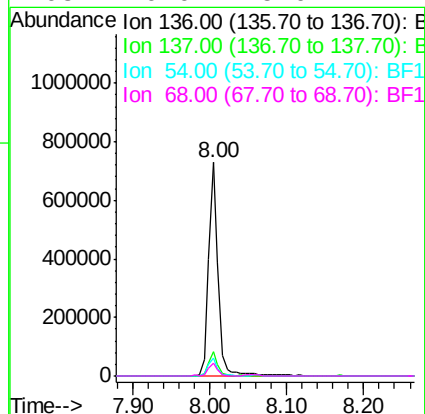
RT: 8.00 min Scan# 1006

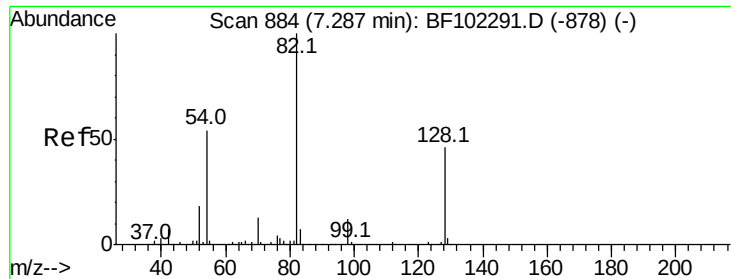
Delta R.T. 0.01 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Tgt Ion	136	Resp	630151
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.0	5.0	7.4





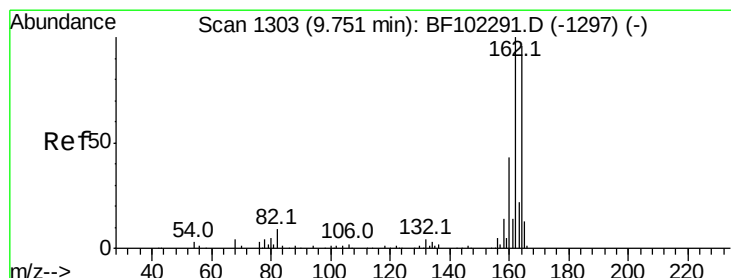
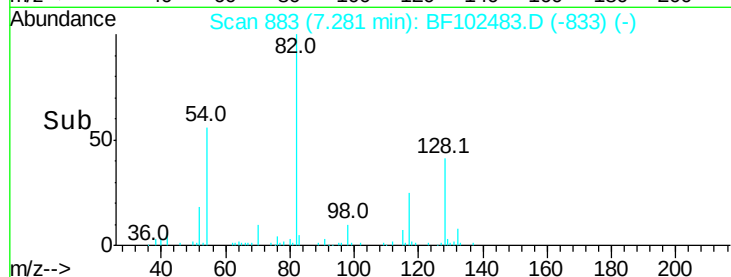
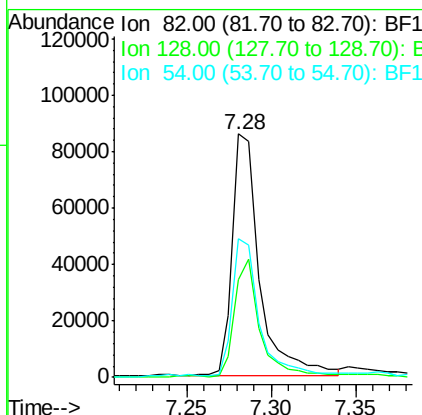
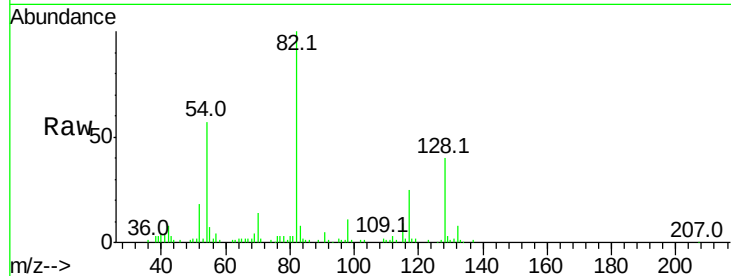
#23
 Nitrobenzene-d5
 Concen: 8.814 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102483.D
 Acq: 26 Jan 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	56.8	41.4	62.2

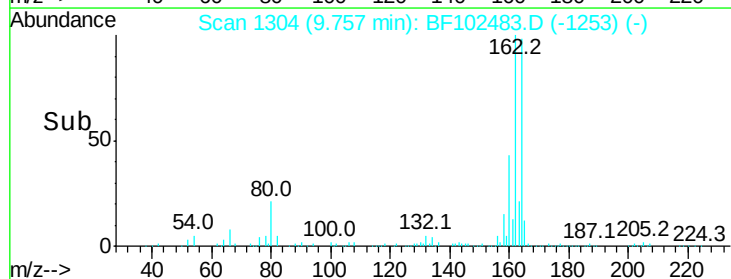
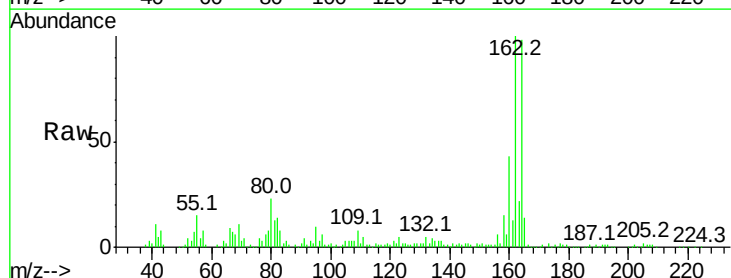
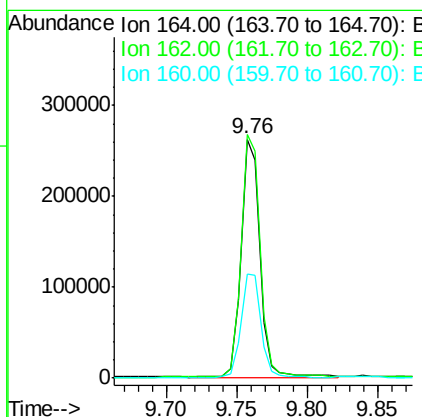
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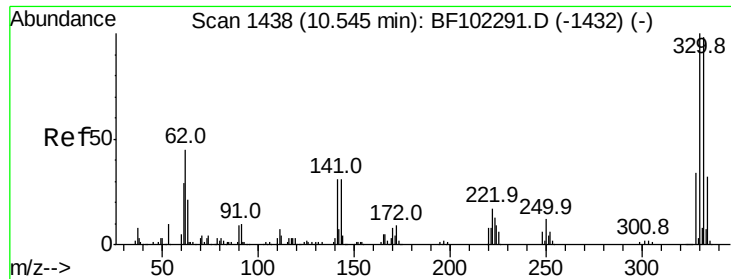
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102483.D
 Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	43.6	38.3	57.5





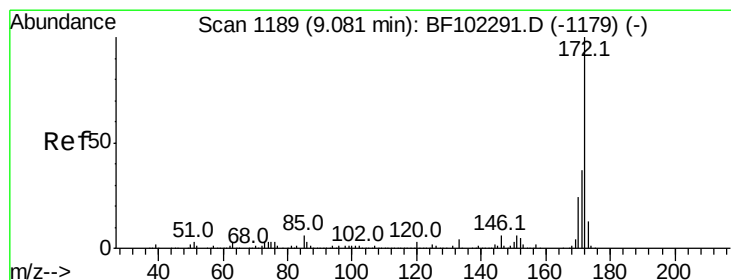
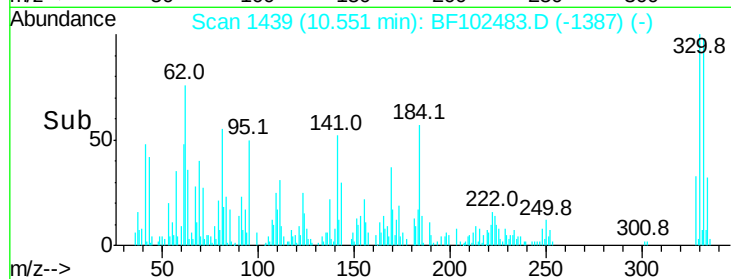
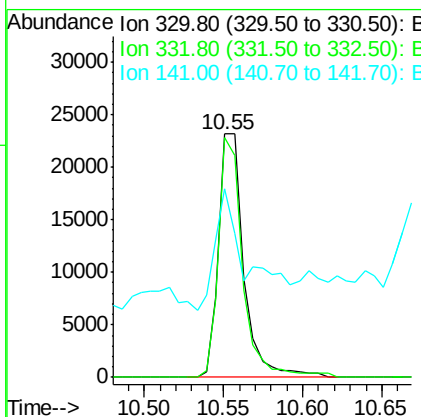
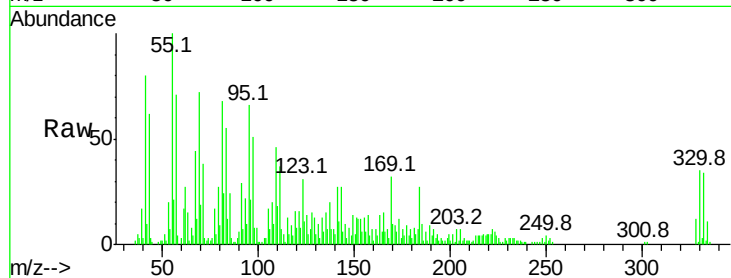
#41
 2,4,6-Tribromophenol
 Concen: 10.596 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102483.D
 Acq: 26 Jan 2018 21:50

Instrument :
 BNA_F
 ClientSampled :
 WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	51.9	29.9	44.9

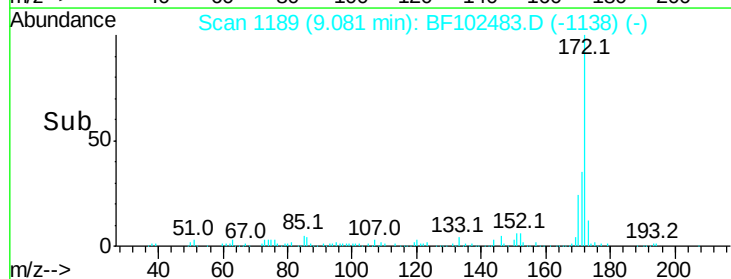
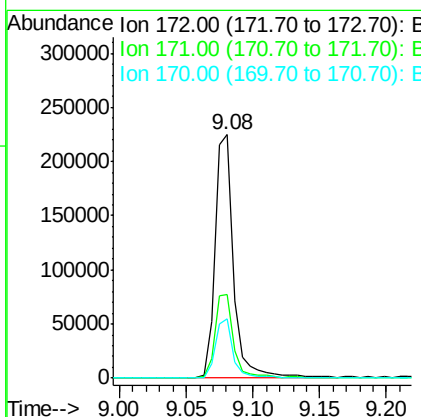
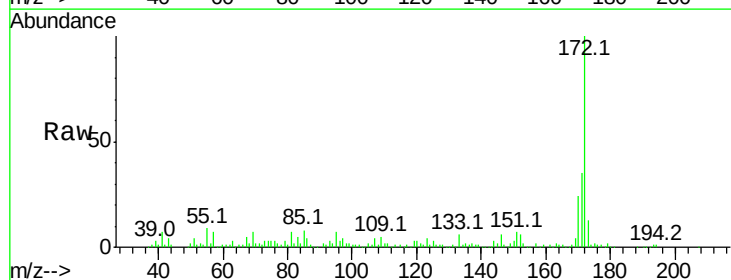
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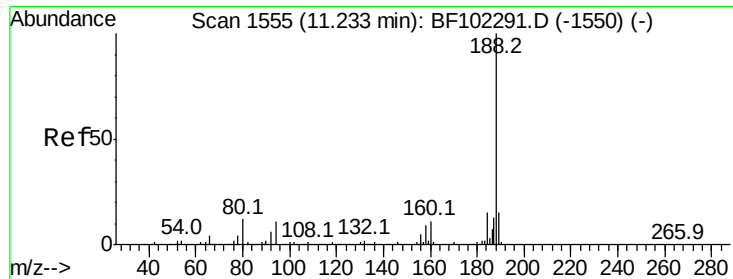
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#44
 2-Fluorobiphenyl
 Concen: 13.385 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102483.D
 Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	24.1	19.6	29.4





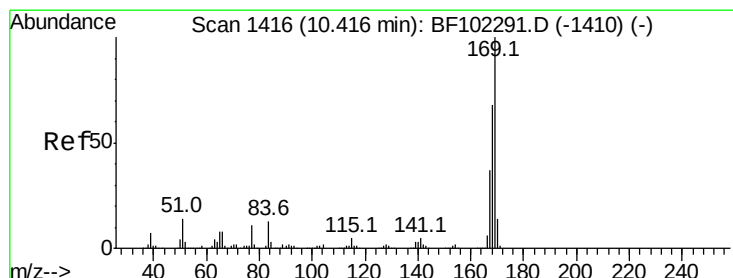
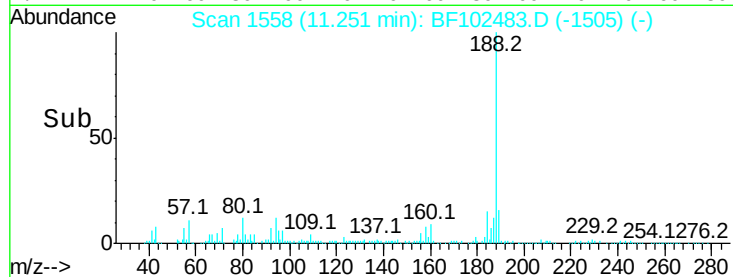
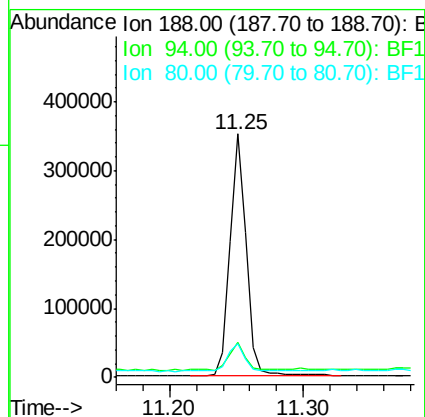
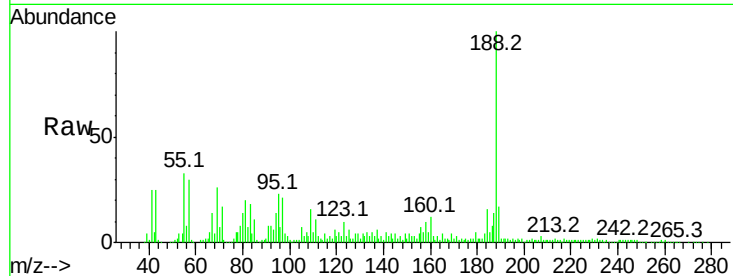
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Instrument :
BNA_F
ClientSampleId :
WC-13(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	14.1	8.5	12.7#
80	14.1	9.2	13.8#

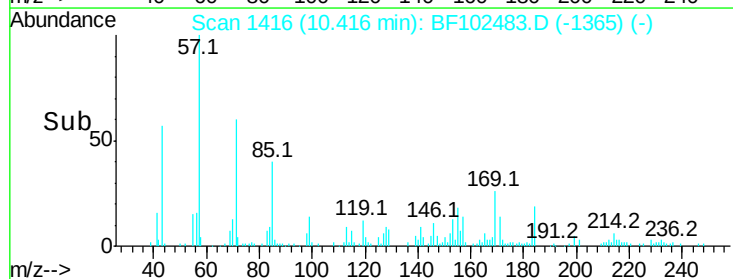
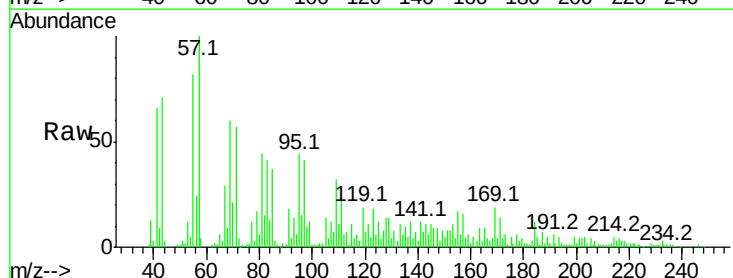
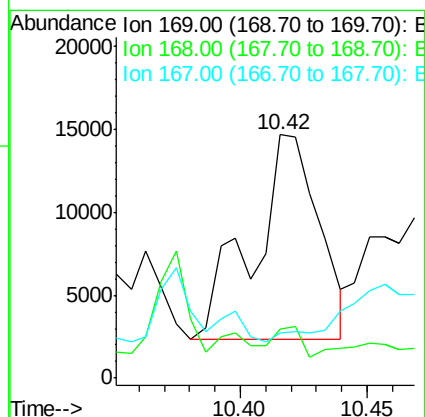
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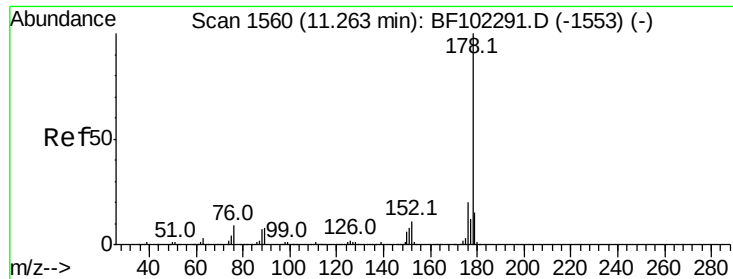
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#65
n-Nitrosodiphenylamine
Concen: 2.022 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	20.4	54.4	81.6#
167	18.4	29.8	44.6#





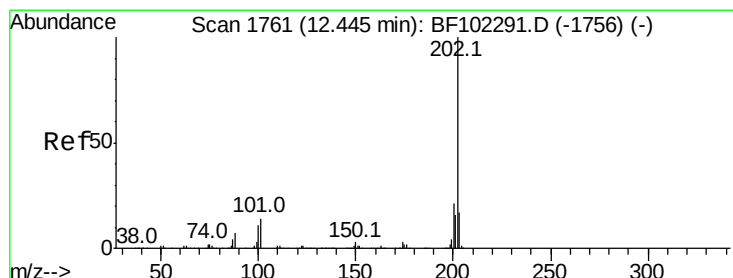
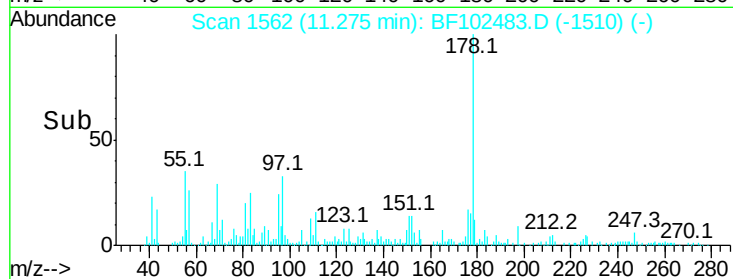
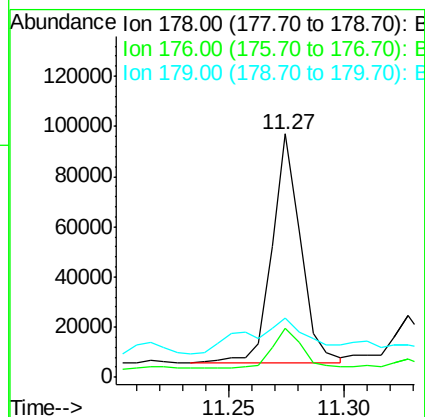
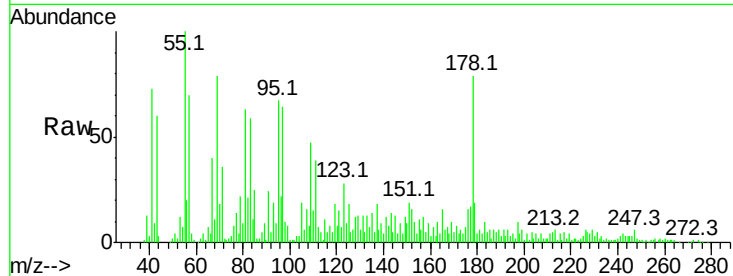
#70
Phenanthrene
Concen: 4.485 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Instrument :
BNA_F
ClientSampleId :
WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	24.5	13.0	19.6

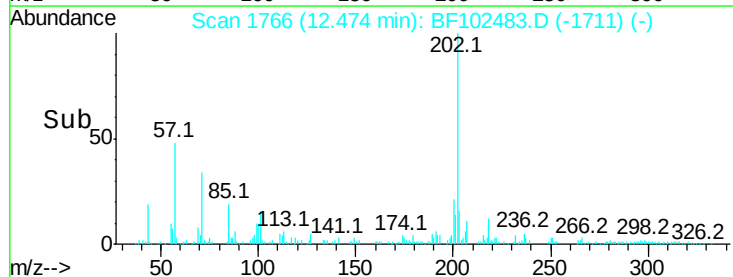
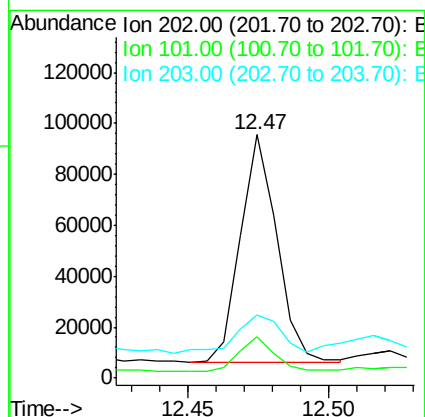
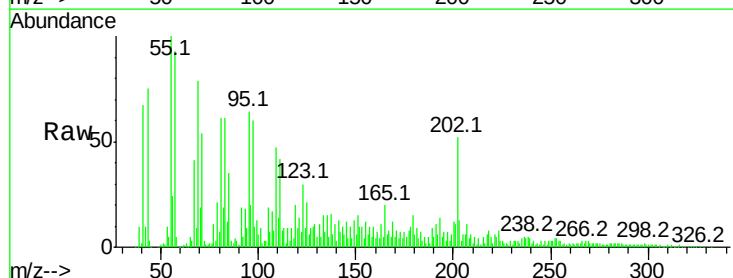
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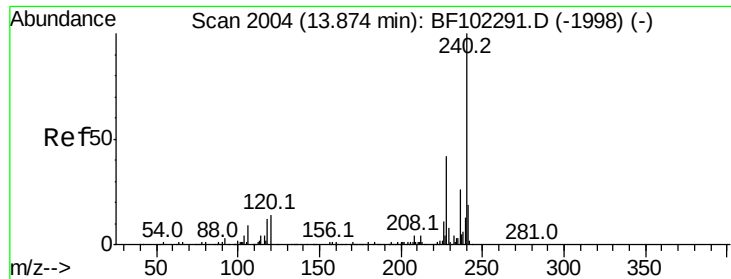
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#74
Fluoranthene
Concen: 4.470 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.02 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	34.1
203	25.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.03 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Instrument :

BNA_F

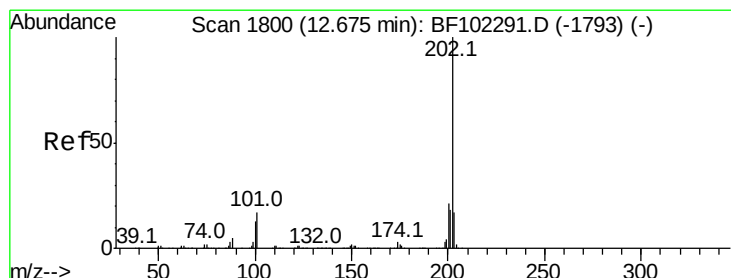
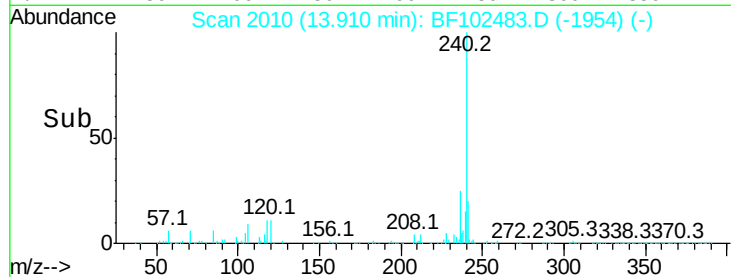
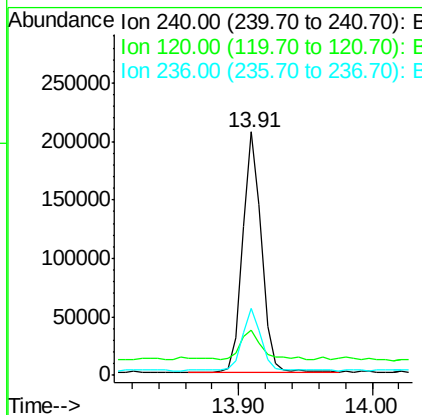
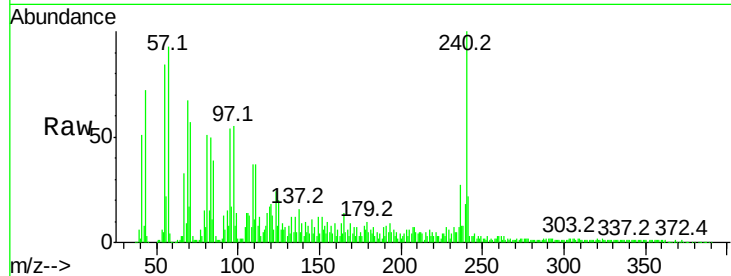
ClientSampled :

WC-13(0-5)

Tot Ion:	240	Resp:	201024
Ion Ratio	Lower	Upper	
240	100		
120	18.4	9.5	14.3#
236	27.4	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.865 ng

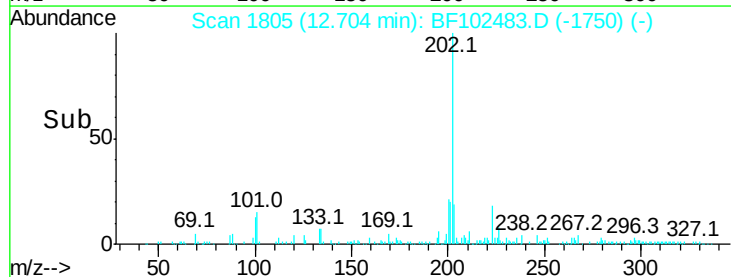
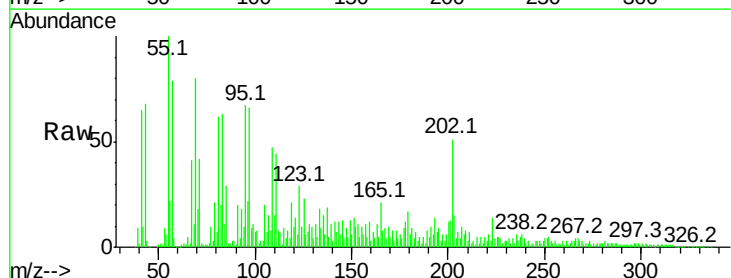
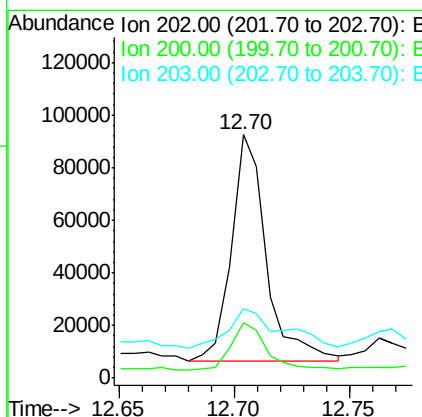
RT: 12.70 min Scan# 1805

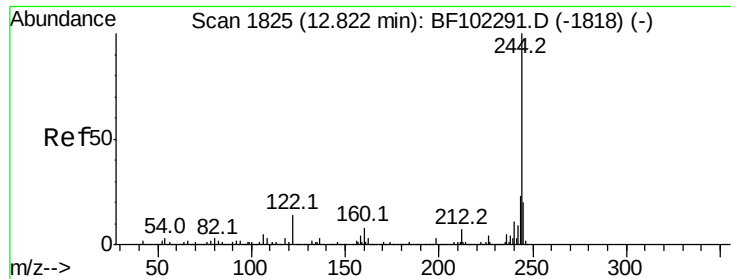
Delta R.T. 0.02 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Tgt Ion:	202	Resp:	91151
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.4	26.2
203	28.6	14.3	21.5#





#78

Terphenyl-d14

Concen: 12.637 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.02 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Instrument :

BNA_F

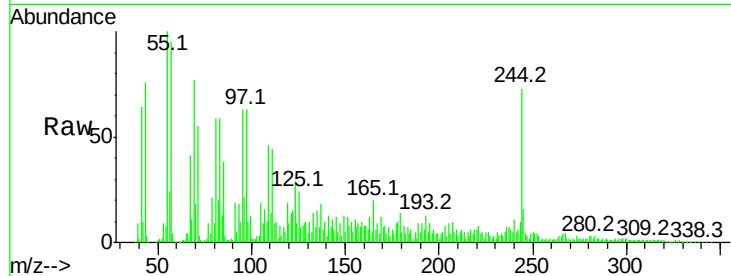
ClientSampled :

WC-13(0-5)

Tot Ion:	244	Resp:	112685
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.4	8.0#
122	20.2	11.0	16.4#

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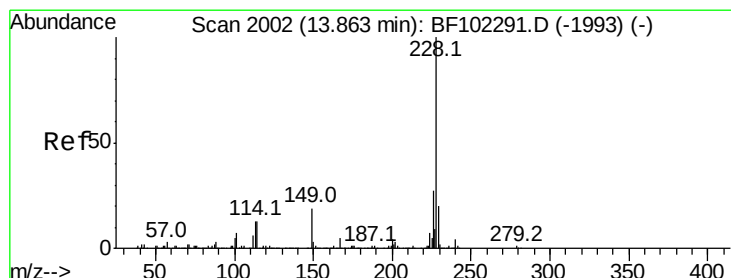
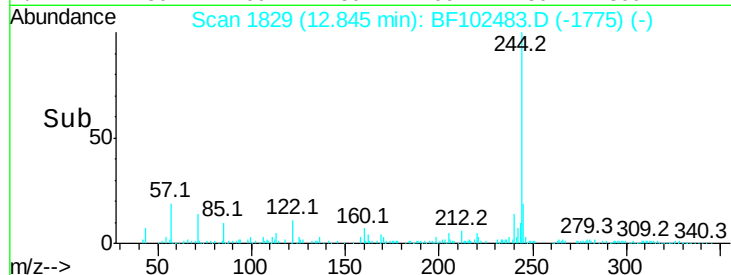


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.75 12.80 12.85 12.90



#80

Benzo(a)anthracene

Concen: 2.493 ng

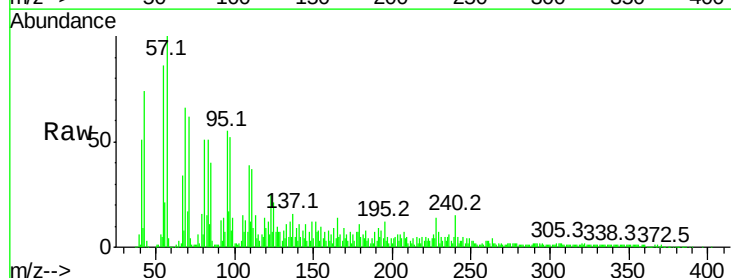
RT: 13.90 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Tgt Ion:	228	Resp:	30849
Ion Ratio	Lower	Upper	
228	100		
226	41.6	22.6	33.8#
229	53.8	15.8	23.6#

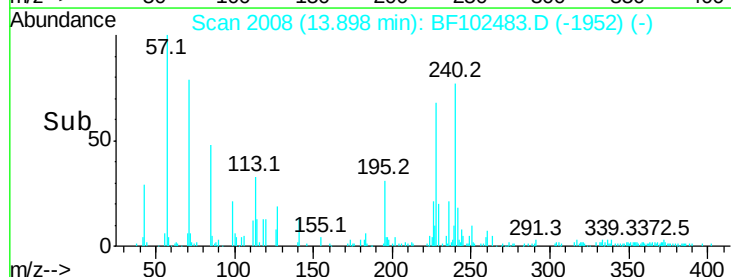


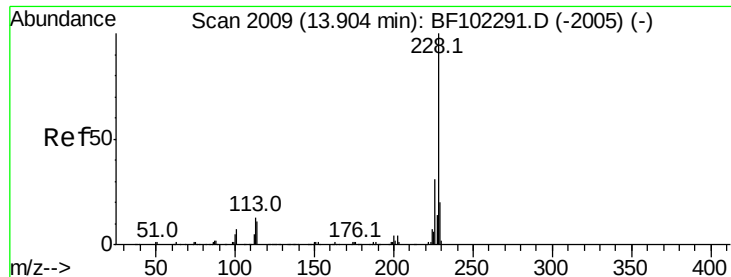
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 13.85 13.90





#82

Chrysene

Concen: 2.817 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Instrument :

BNA_F

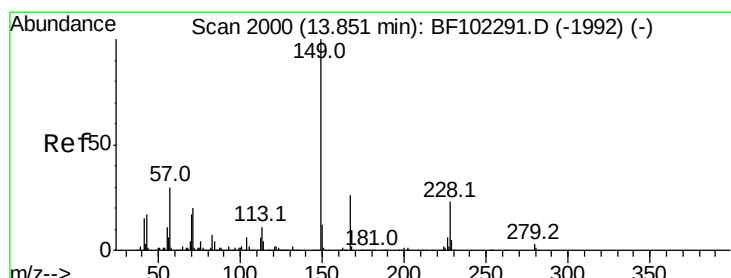
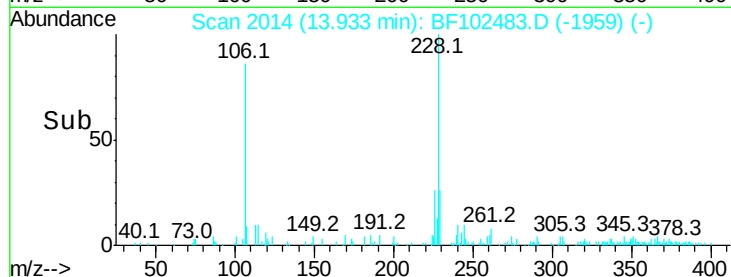
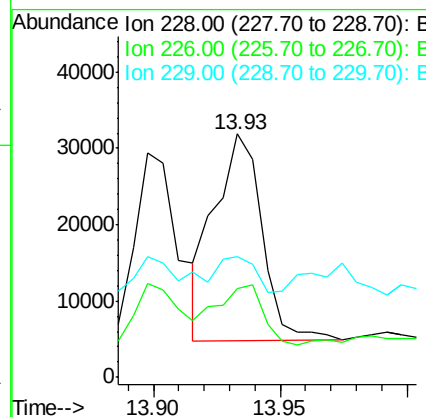
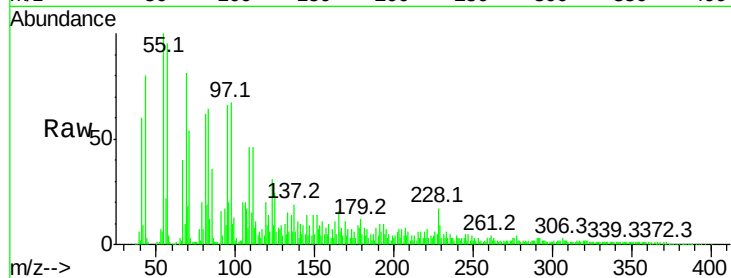
ClientSampled :

WC-13(0-5)

Tot Ion:	228	Resp:	35406
Ion Ratio	Lower	Upper	
228	100		
226	36.7	25.0	37.6
229	49.6	16.2	24.4#

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 7.387 ng

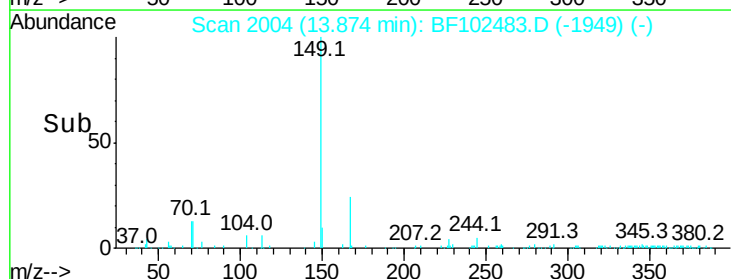
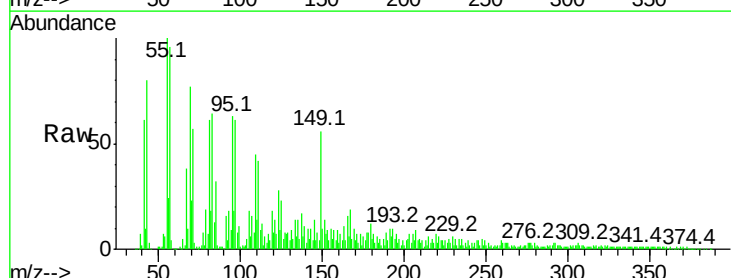
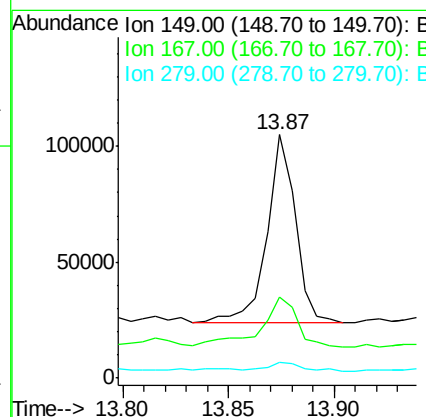
RT: 13.87 min Scan# 2004

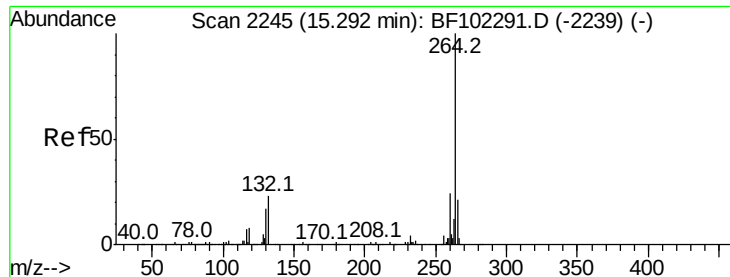
Delta R.T. 0.02 min

Lab File: BF102483.D

Acq: 26 Jan 2018 21:50

Tgt Ion:	149	Resp:	76783
Ion Ratio	Lower	Upper	
149	100		
167	33.2	21.3	31.9#
279	6.2	3.0	4.4#





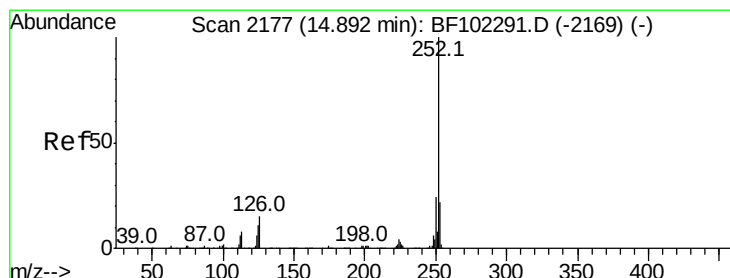
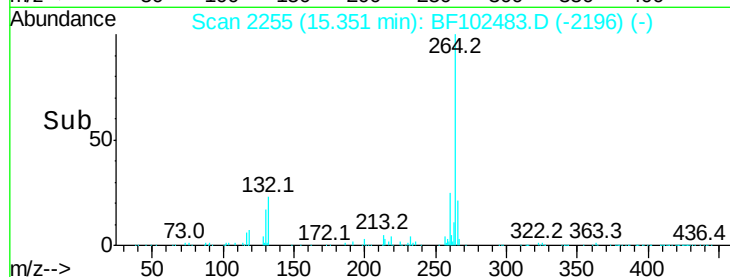
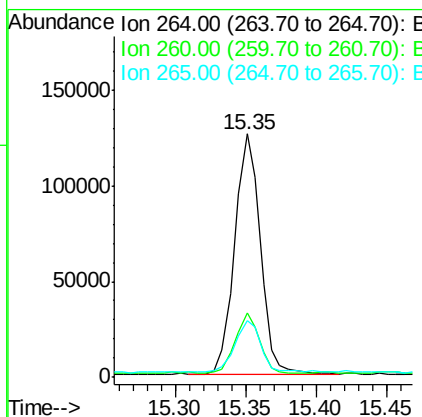
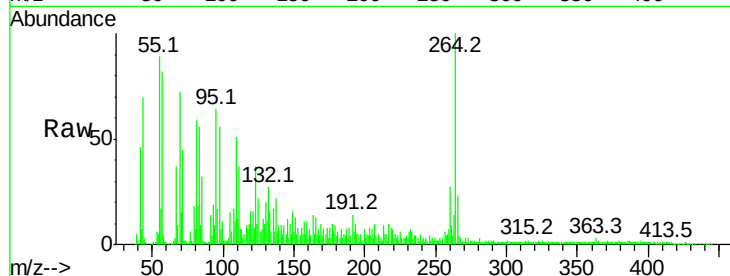
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.05 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Instrument :
BNA_F
ClientSampled :
WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.2	28.8
265	23.4	17.5	26.3

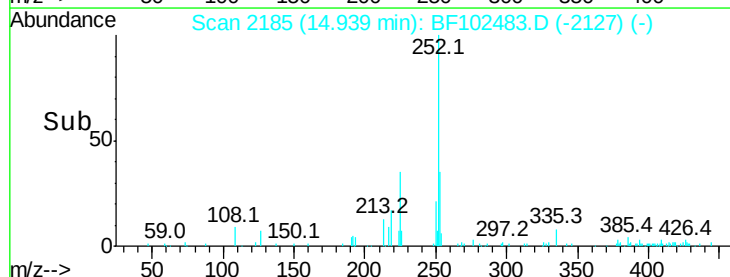
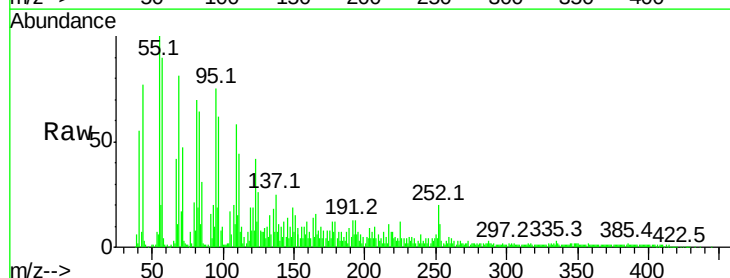
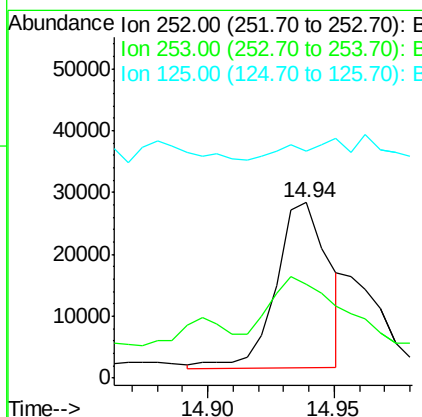
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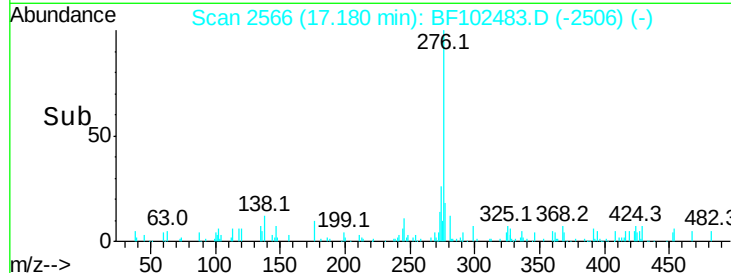
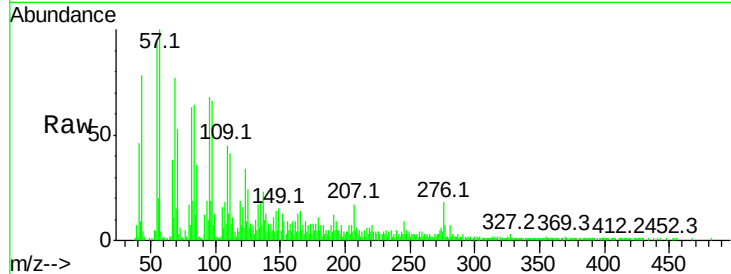
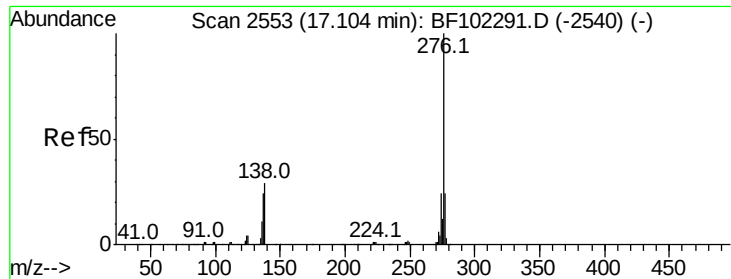
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#87
Benzo(b)fluoranthene
Concen: 3.724 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.04 min
Lab File: BF102483.D
Acq: 26 Jan 2018 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.7	17.0	25.6#
125	129.2	9.0	13.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.201 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. 0.05 min
 Lab File: BF102483.D
 Acq: 26 Jan 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-13(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	37.3	17.9	26.9#
138	56.4	21.8	32.8#

Manual Integrations
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