

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102691.D
 Acq On : 1 Feb 2018 17:33
 Operator : SJ/JU
 Sample : J1388-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

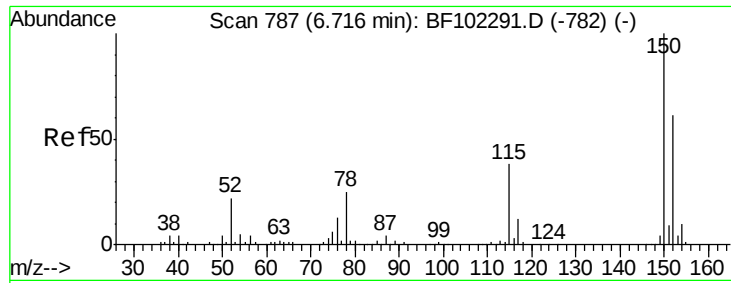
Manual Integrations
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Quant Time: Feb 02 00:58:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165226	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	692063	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	309024	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	466335	20.00	ng	0.00
75) Chrysene-d12	13.87	240	346292	20.00	ng	0.00
86) Perylene-d12	15.29	264	276607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	767103	70.40	ng	0.02
7) Phenol-d6	6.37	99	1033569	78.67	ng	0.01
23) Nitrobenzene-d5	7.27	82	606366	50.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	203260	66.38	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1111092	52.87	ng	0.00
78) Terphenyl-d14	12.82	244	881238	57.37	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	87042	2.519	ng	100
74) Fluoranthene	12.44	202	88468	3.192	ng	95
77) Pyrene	12.67	202	70948m	2.650	ng	
82) Chrysene	13.89	228	44465	2.054	ng	96
83) Bis(2-ethylhexyl)phthalate	13.83	149	233259	13.027	ng	# 97
87) Benzo(b)fluoranthene	14.89	252	47327m	2.640	ng	

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



#1

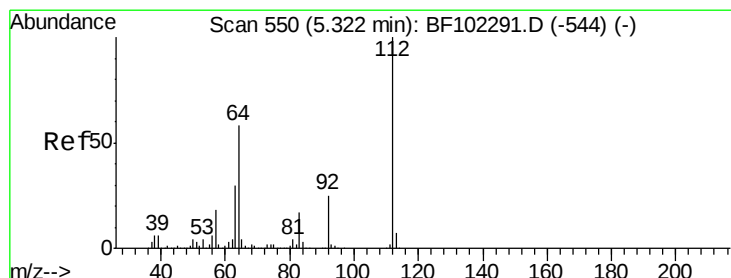
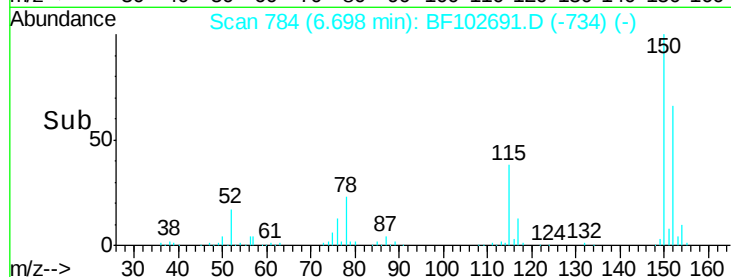
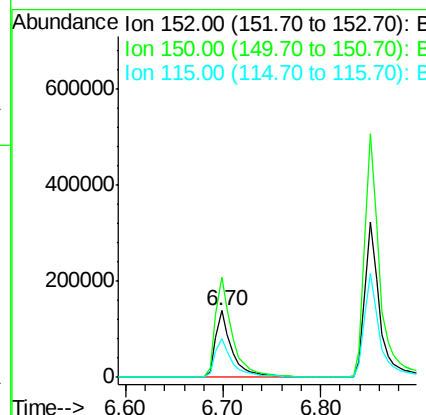
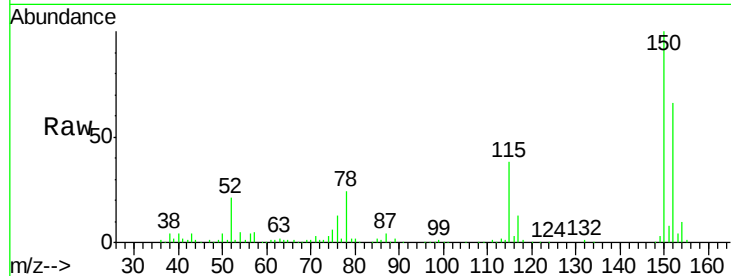
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	57.7	50.1	75.1

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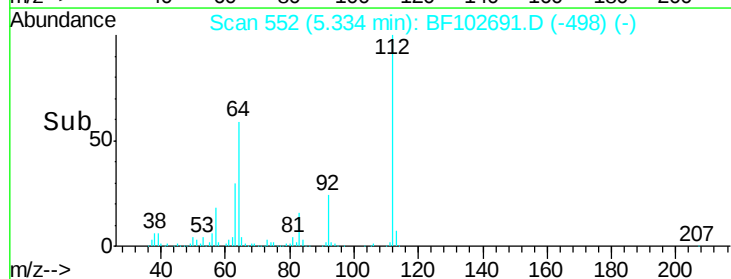
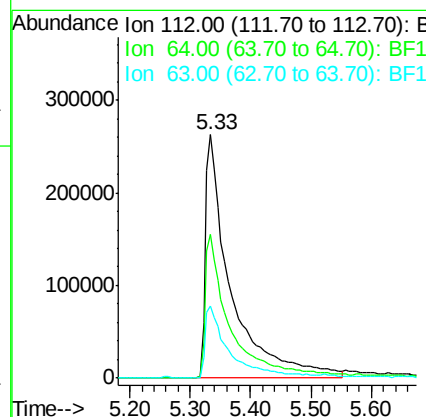
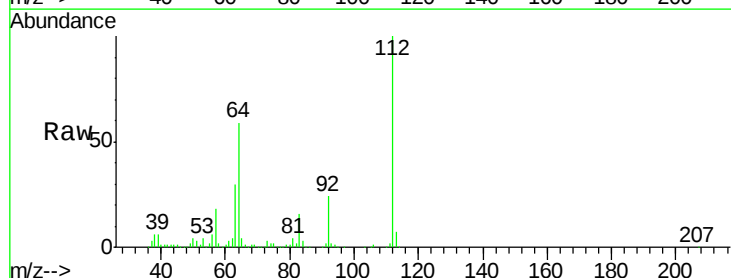
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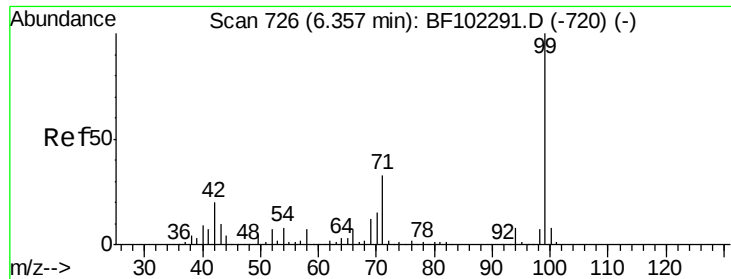


#5

2-Fluorophenol
Concen: 70.396 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 78.675 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

Tot Ion: 99 Resp: 1033569

Ion Ratio Lower Upper

99 100

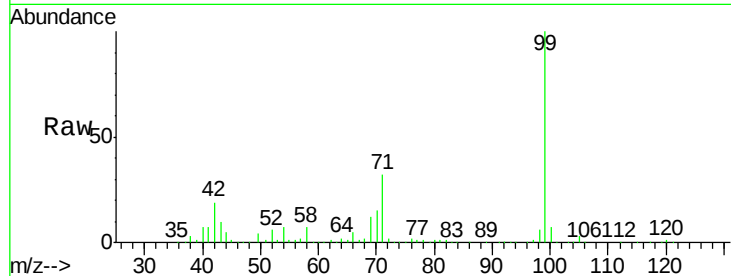
42 18.5 14.5 21.7

71 32.2 25.4 38.0

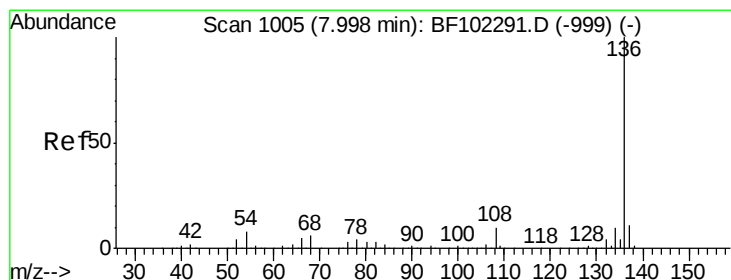
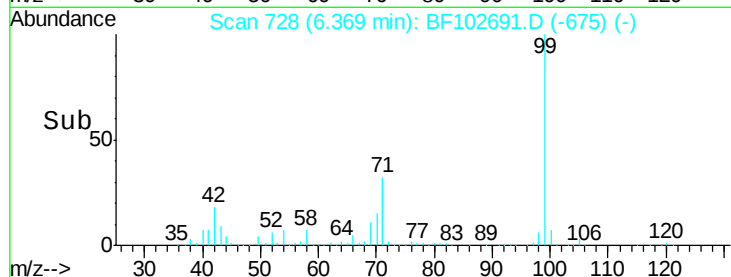
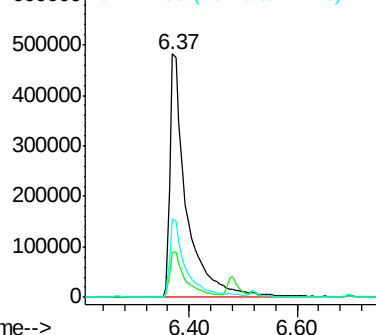
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Tgt Ion: 136 Resp: 692063

Ion Ratio Lower Upper

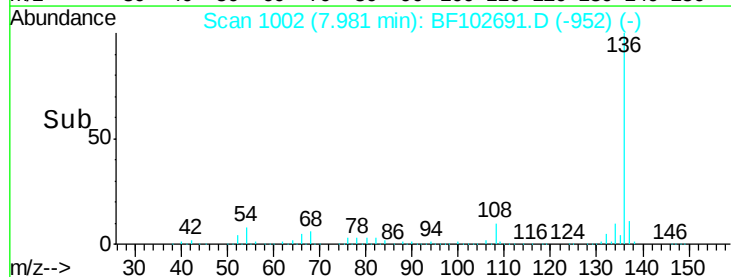
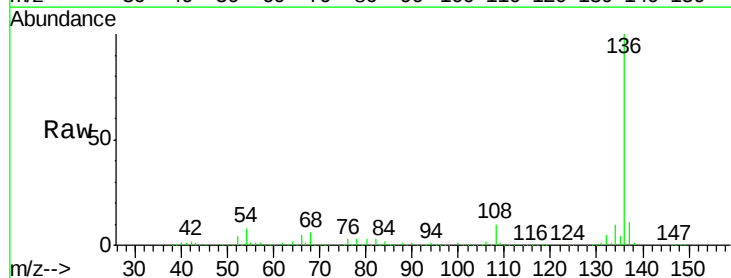
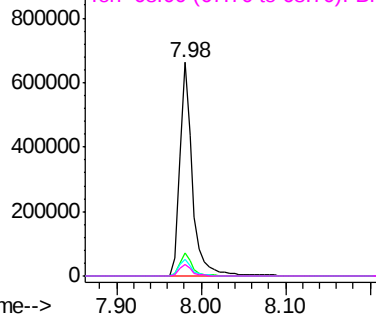
136 100

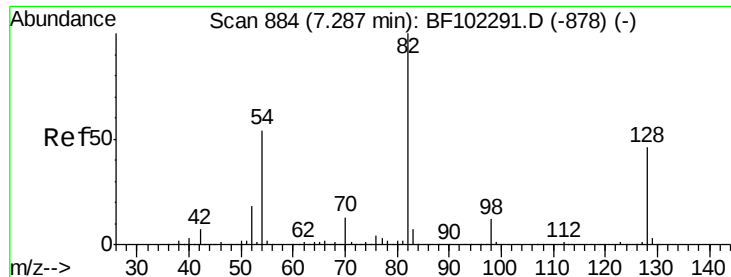
137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 5.6 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: 50.351 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Instrument :

BNA_F

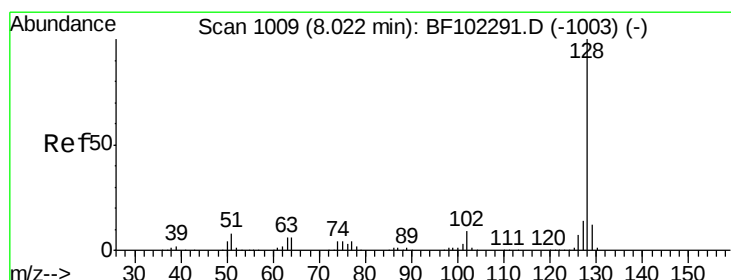
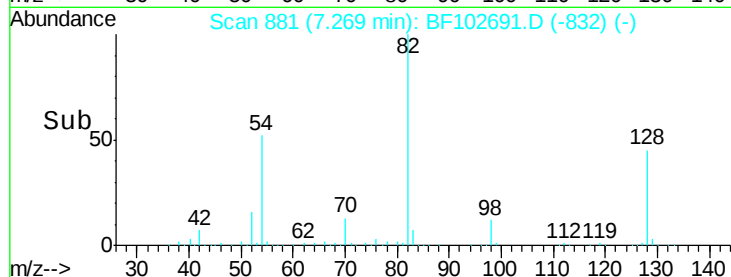
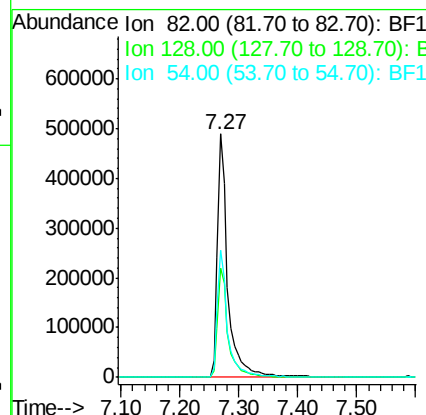
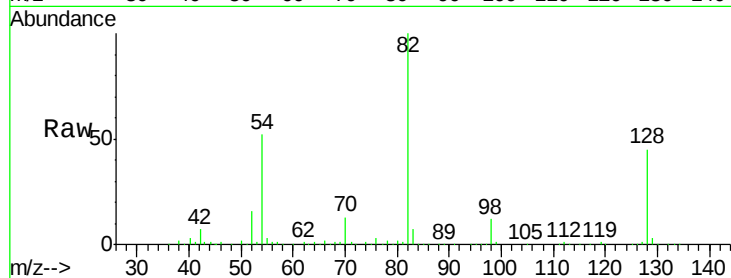
ClientSampleId :

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Tot Ion:	82	Resp:	606366
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.1	54.1
54	52.2	41.4	62.2

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#31

Naphthalene

Concen: 2.519 ng

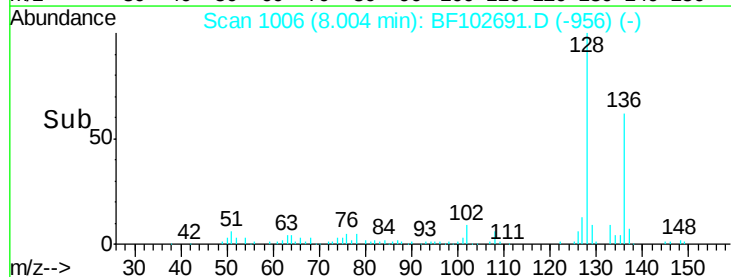
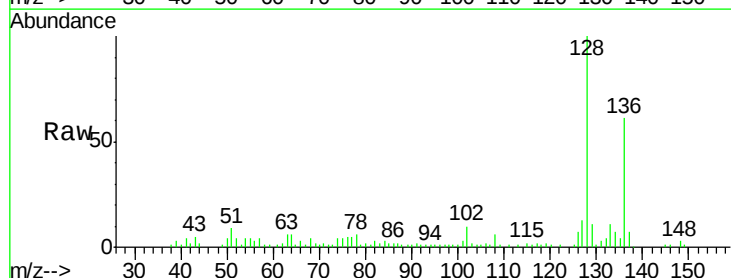
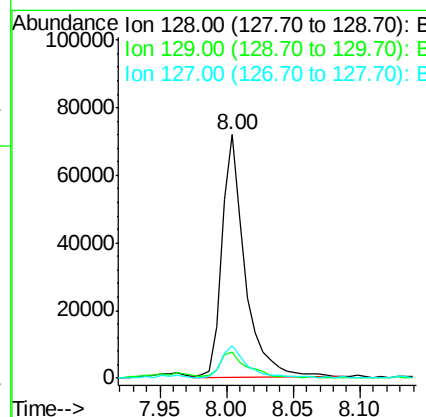
RT: 8.00 min Scan# 1006

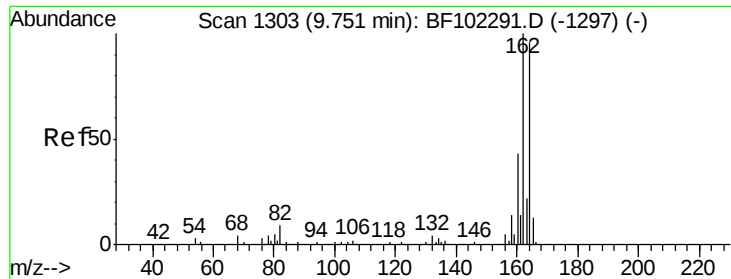
Delta R.T. -0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Tgt Ion:	128	Resp:	87042
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.5	10.9	16.3





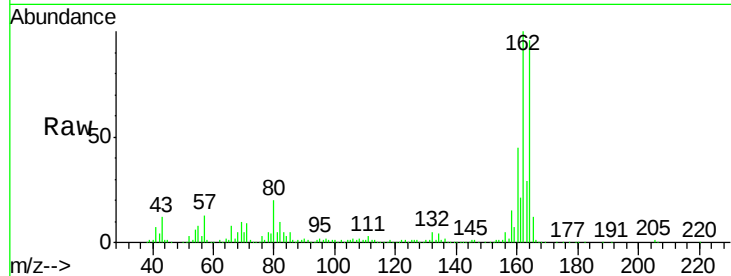
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102691.D
 Acq: 1 Feb 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

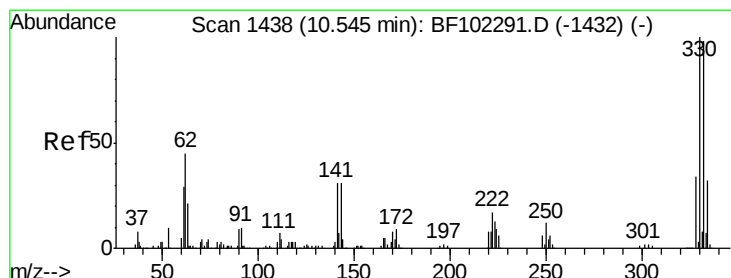
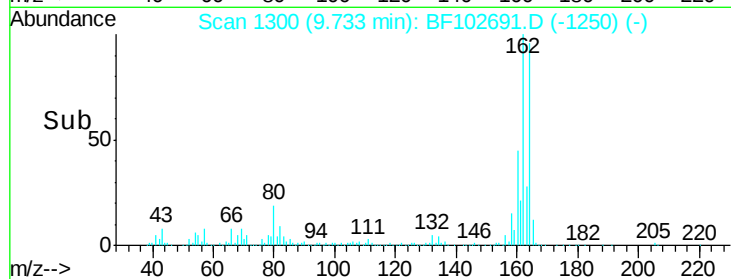
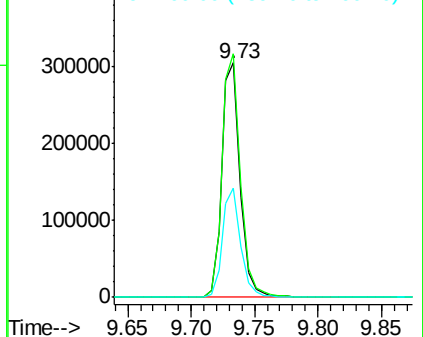
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	86.1	129.1	
160	46.8	38.3	57.5	

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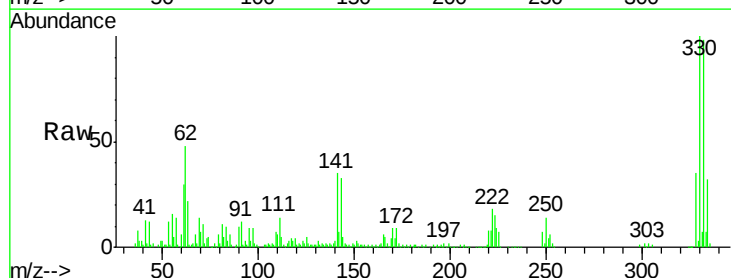


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

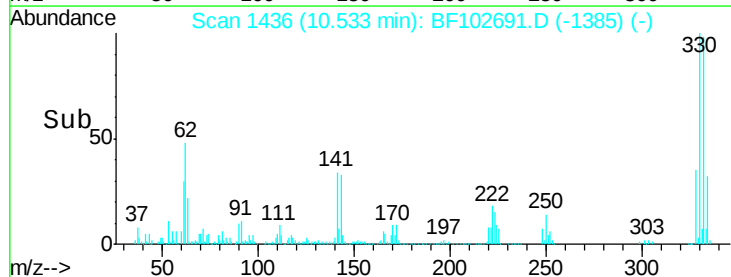
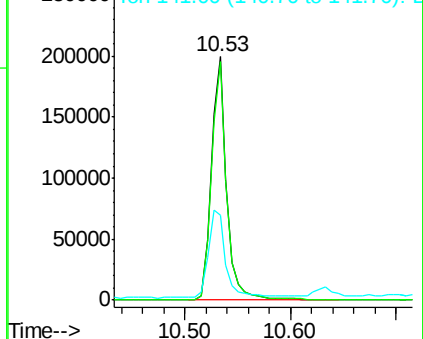


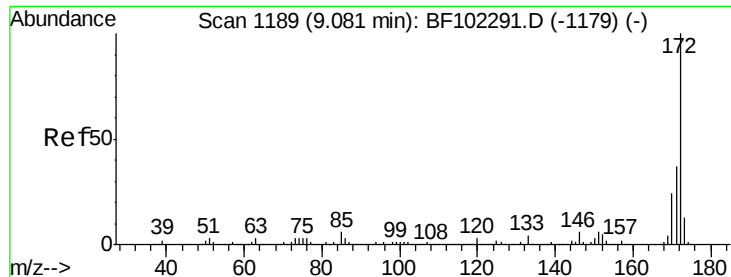
#41
 2,4,6-Tribromophenol
 Concen: 66.382 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102691.D
 Acq: 1 Feb 2018 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	40.2	29.9	44.9	



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





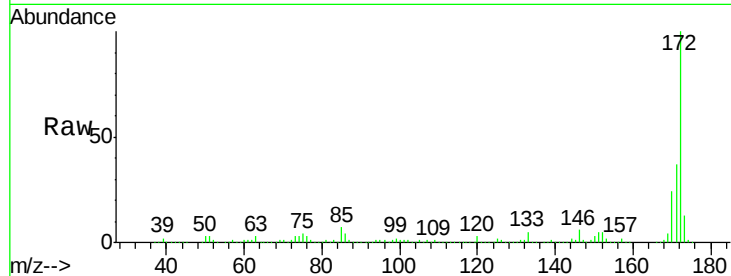
#44
2-Fluorobiphenyl
Concen: 52.866 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Instrument :
BNA_F
ClientSampleId :
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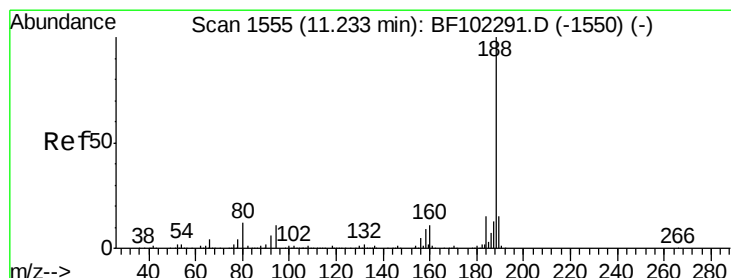
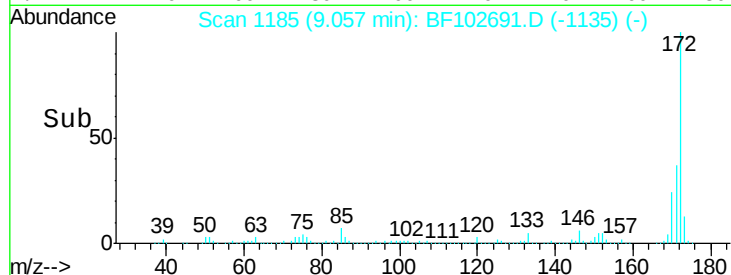
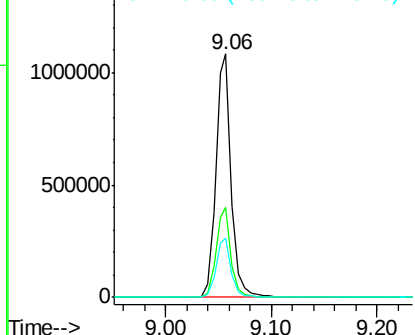
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4

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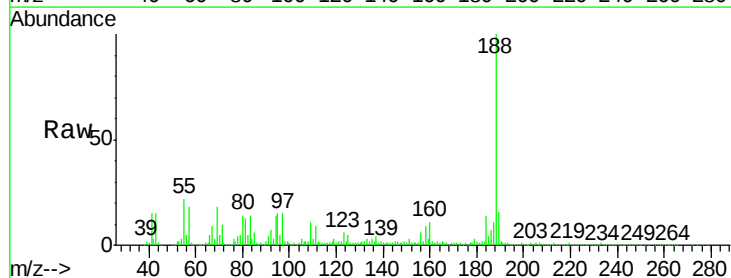


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

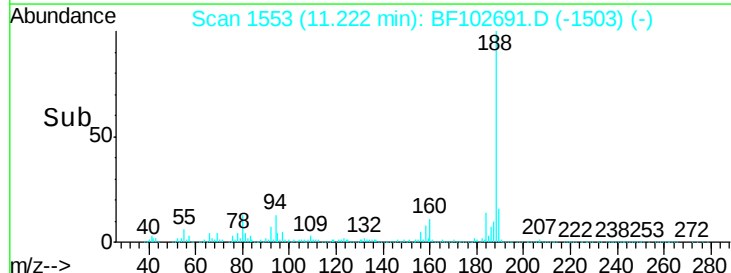
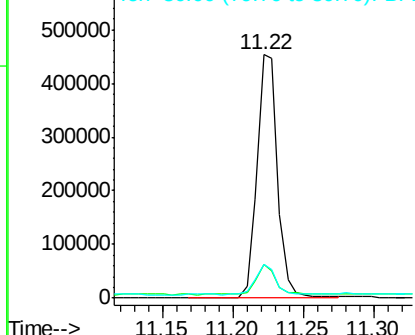


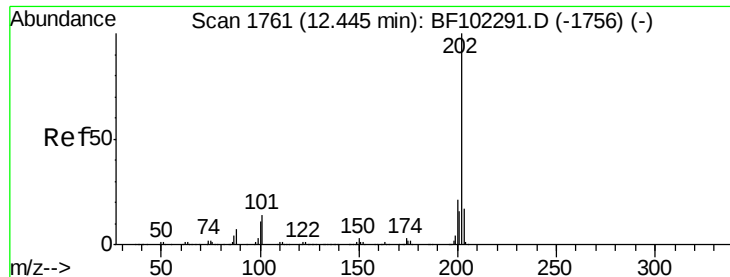
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.6	8.5	12.7#
80	13.9	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 3.192 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Instrument :

BNA_F

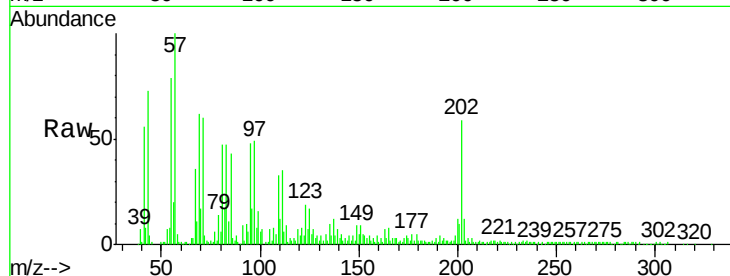
ClientSampleId :

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Tot Ion:	202	Resp:	88468
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.1
203	20.2	0.0	38.1

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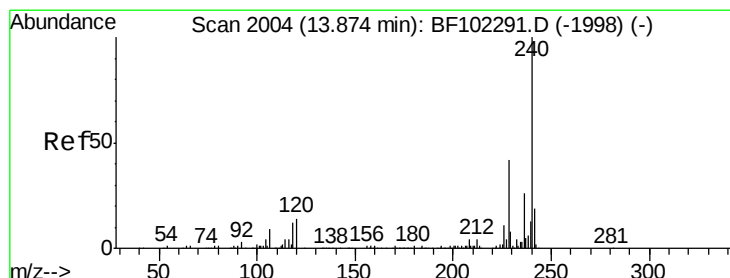
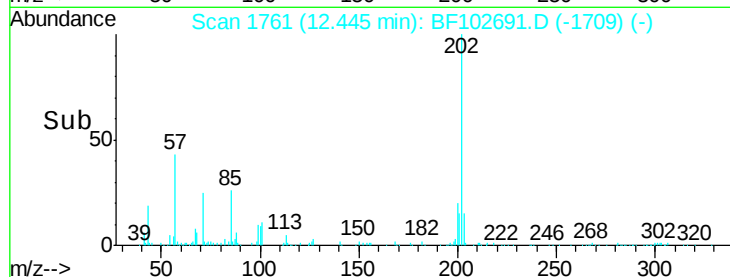
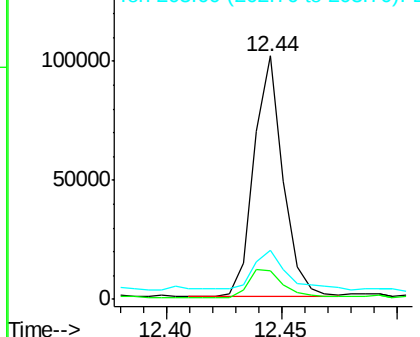
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102691.D

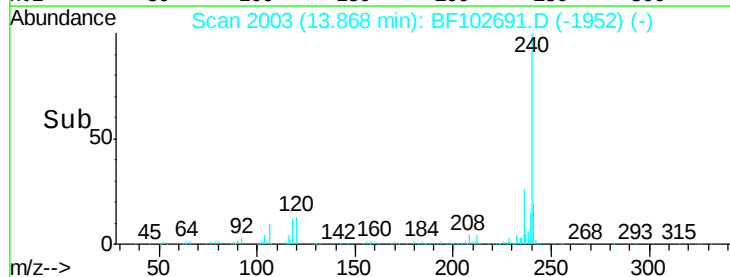
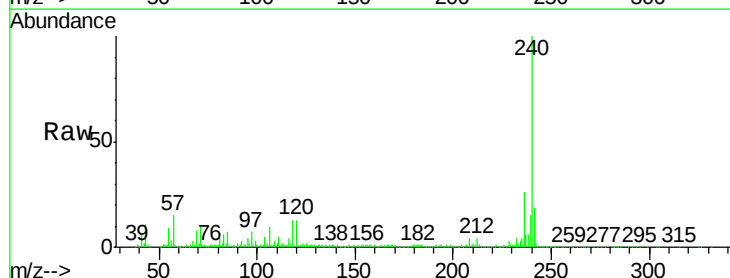
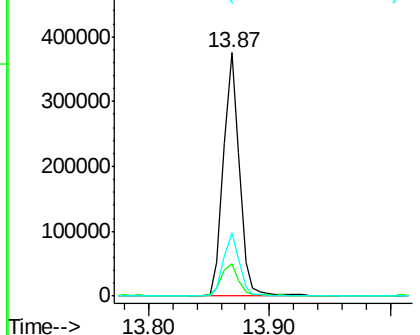
Acq: 1 Feb 2018 17:33

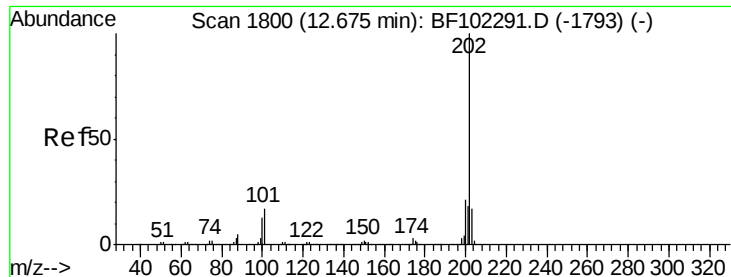
Tgt Ion:	240	Resp:	346292
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	26.1	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.650 ng/mL

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Instrument :

BNA_F

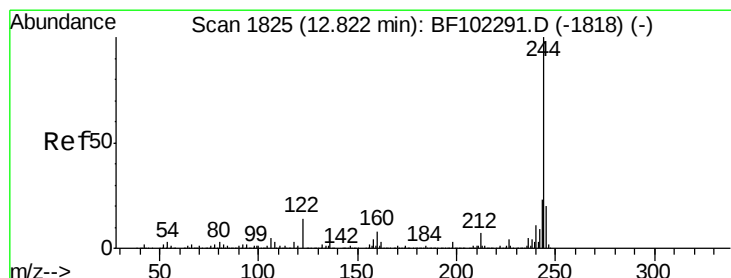
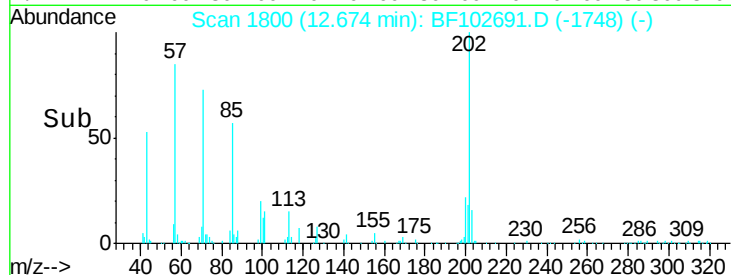
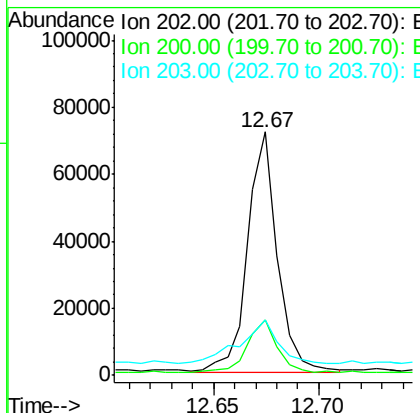
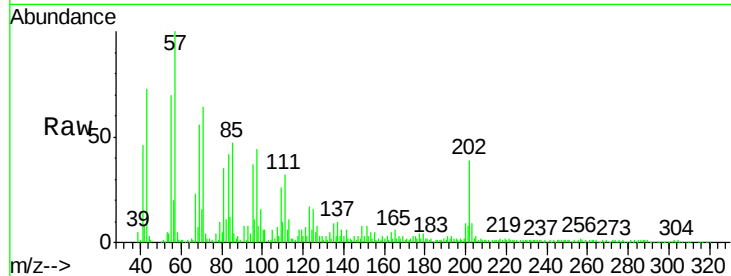
ClientSampleID :

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Tot Ion:	202	Resp:	70948
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.4	26.2
203	22.6	14.3	21.5#

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#78

Terphenyl-d14

Concen: 57.369 ng/mL

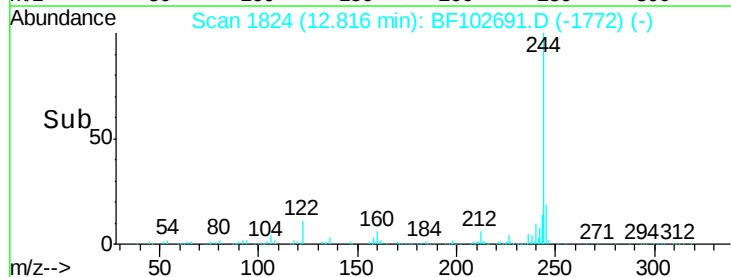
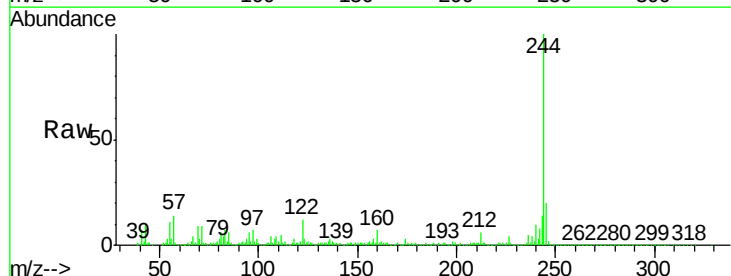
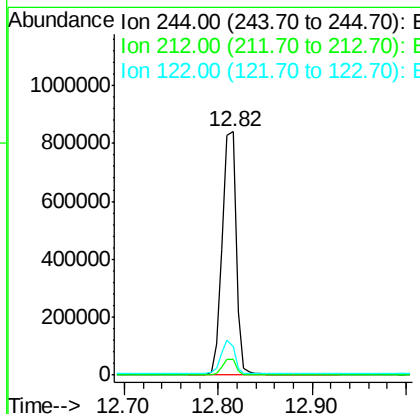
RT: 12.82 min Scan# 1824

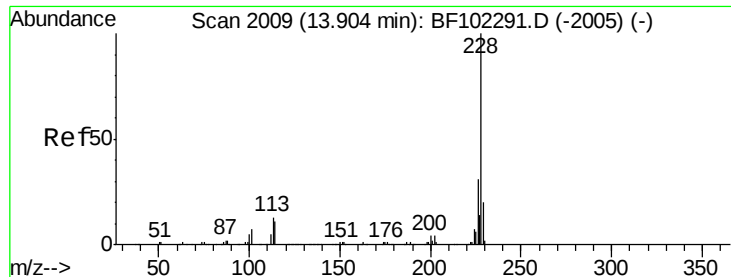
Delta R.T. 0.01 min

Lab File: BF102691.D

Acq: 1 Feb 2018 17:33

Tgt Ion:	244	Resp:	881238
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.0	11.0	16.4





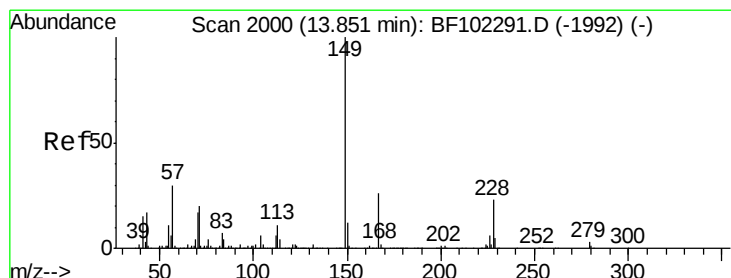
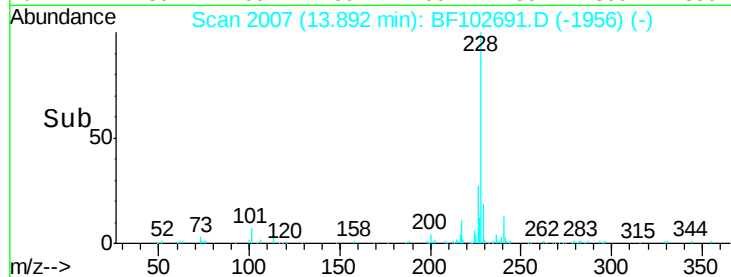
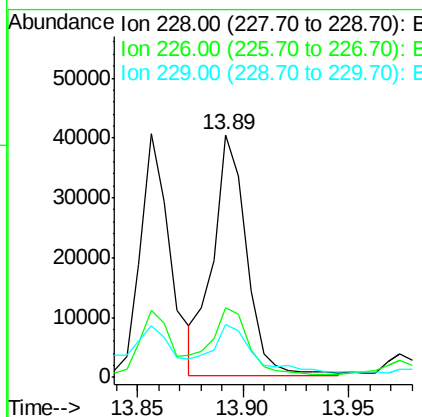
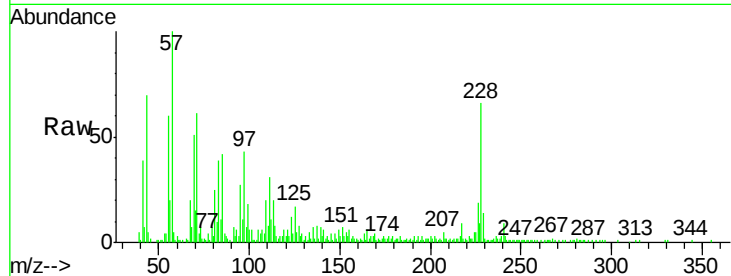
#82
Chrysene
Concen: 2.054 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	21.6	16.2	24.4

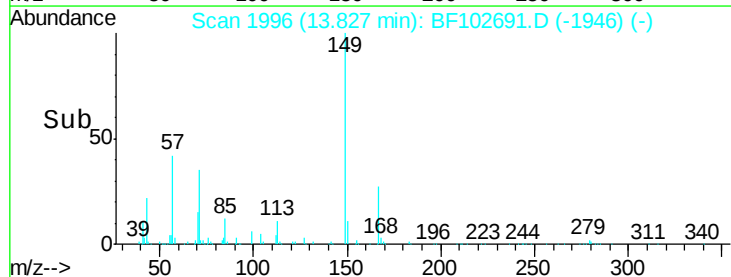
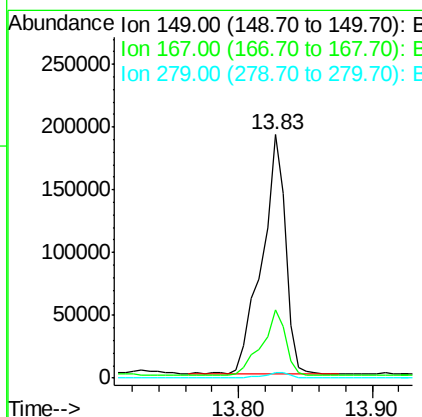
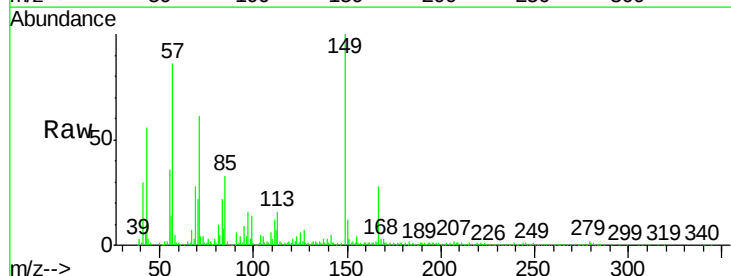
Manual Integrations
APPROVED

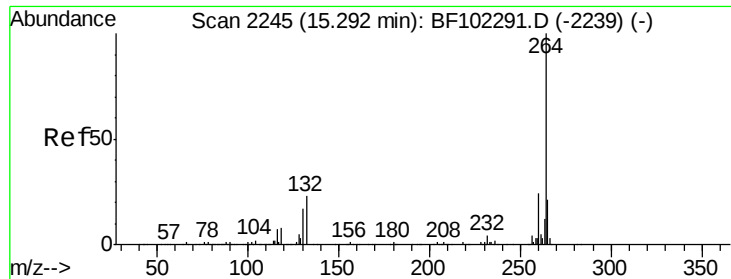
Sohil
2/2/2018 9:52:51 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 13.027 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	2.3	3.0	4.4#





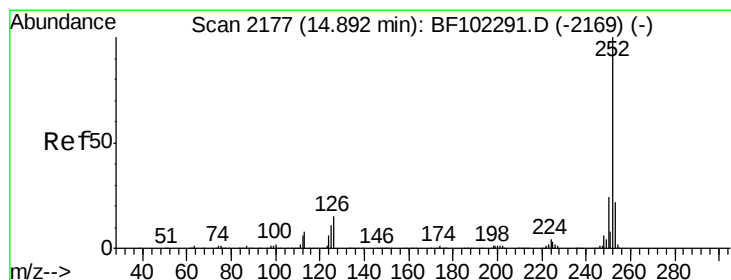
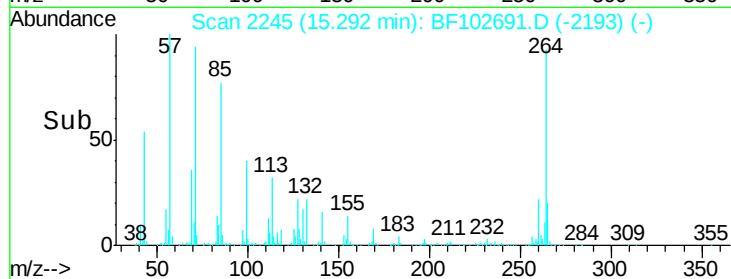
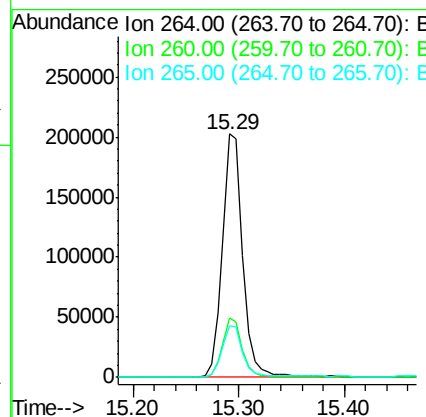
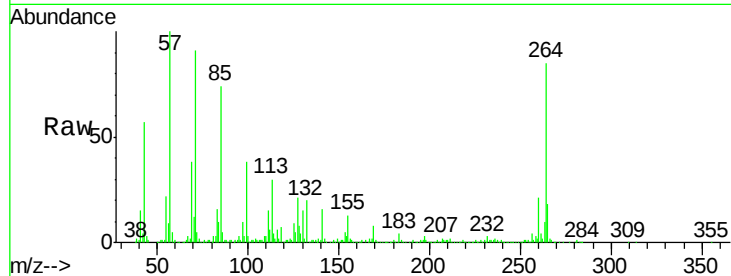
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/2/2018 9:52:51 AM



#87
Benzo(b)fluoranthene
Concen: 2.640 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF102691.D
Acq: 1 Feb 2018 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	25.6	9.0	13.6#

