

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102675.D
 Acq On : 1 Feb 2018 00:35
 Operator : SJ/JU
 Sample : J1384-14 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-CONCRETE

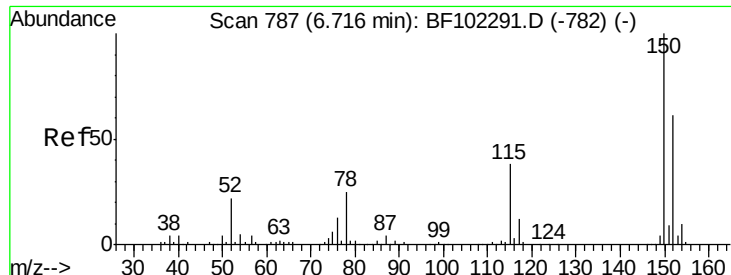
Manual Integrations
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Sohil
 2/1/2018 12:14:32 PM

Quant Time: Feb 01 07:32:16 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	6.71	152	131047	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	492127	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	172901	20.00	ng	0.01
63) Phenanthrene-d10	11.29	188	99236	20.00	ng	0.06
75) Chrysene-d12	13.93	240	181467	20.00	ng	0.06
86) Perylene-d12	15.33	264	158027	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	438943	50.79	ng	0.02
7) Phenol-d6	6.38	99	546295	52.43	ng	0.02
23) Nitrobenzene-d5	7.28	82	297624	34.75	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	55358	32.31	ng	0.04
44) 2-Fluorobiphenyl	9.07	172	539071	45.84	ng	0.00
78) Terphenyl-d14	12.89	244	169617	21.07	ng	0.08
Target Compounds						
32) Benzoic acid	7.79	122	19433	3.463	ng	95
49) Dimethylphthalate	9.47	163	41786	2.924	ng	# 90

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



#1

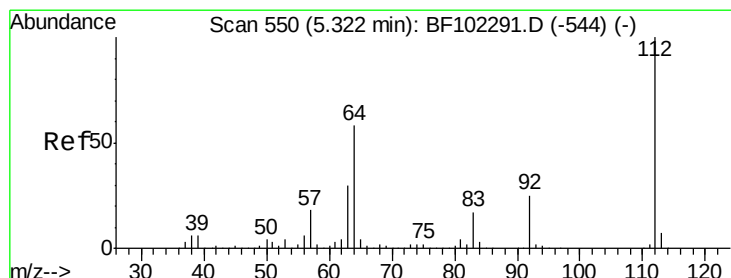
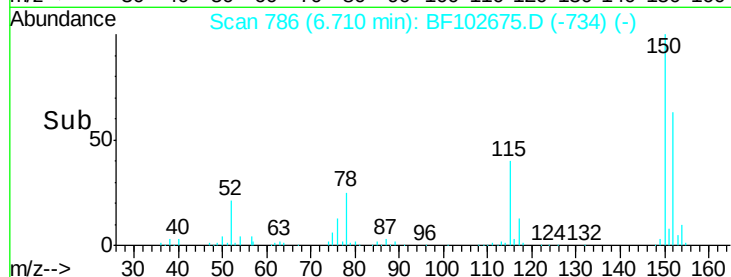
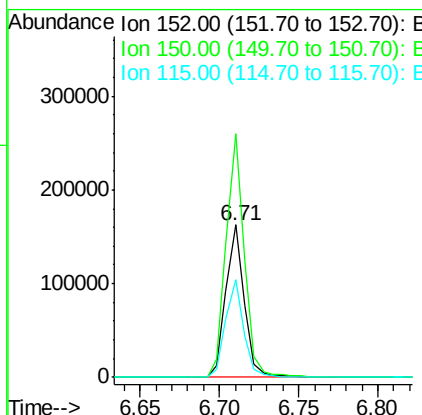
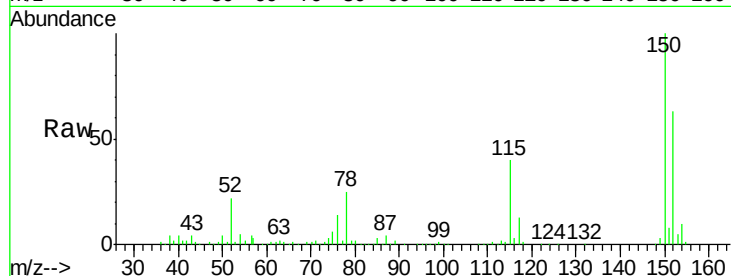
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Instrument :
BNA_F
ClientSampleId :
OILY-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.7	50.1	75.1

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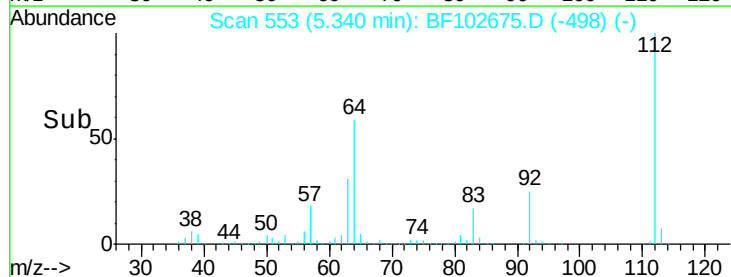
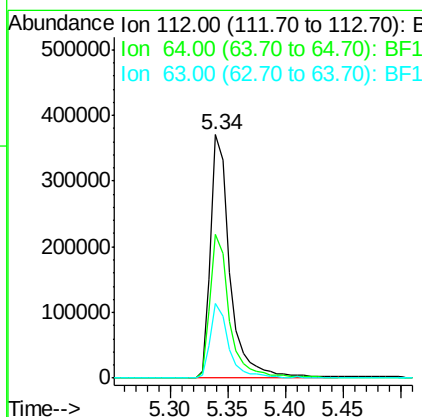
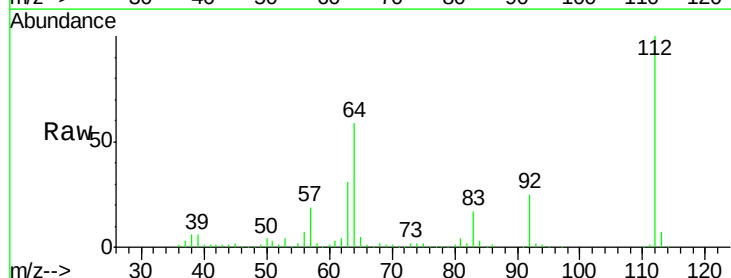
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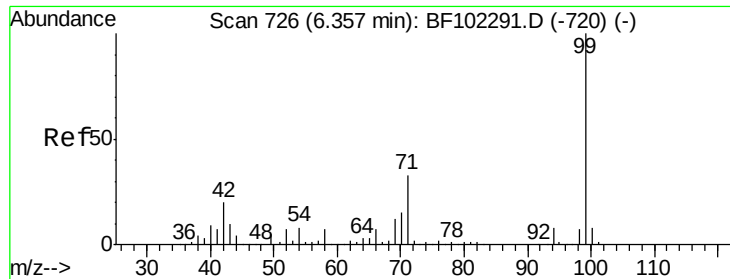


#5

2-Fluorophenol
Concen: 50.787 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 52.429 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Instrument :

BNA_F

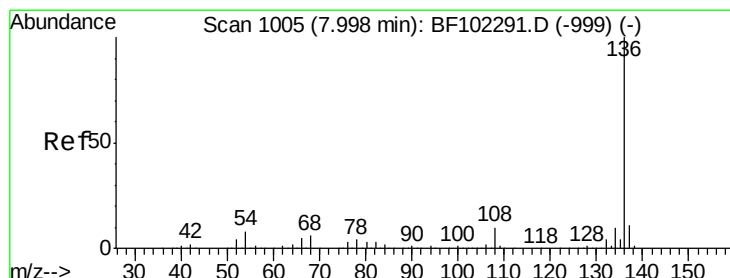
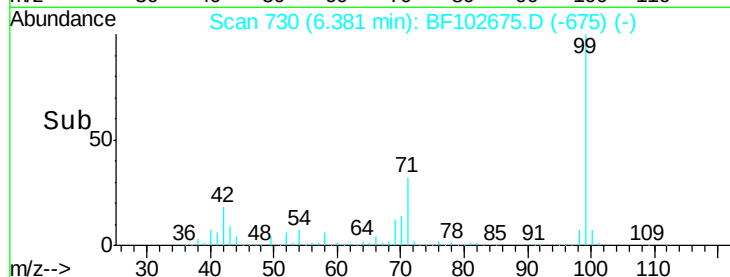
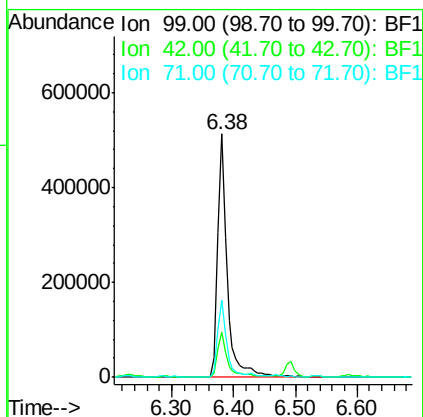
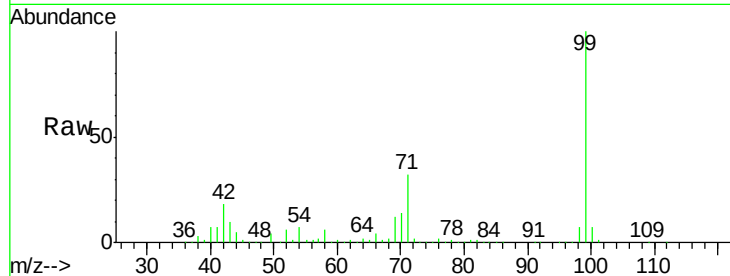
ClientSampleId :

OILY-CONCRETE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		546295		
42	18.3	14.5	21.7		
71	31.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

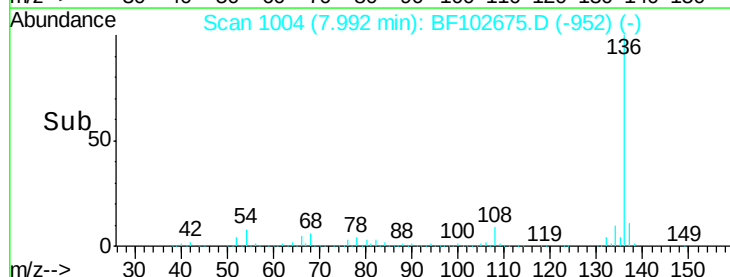
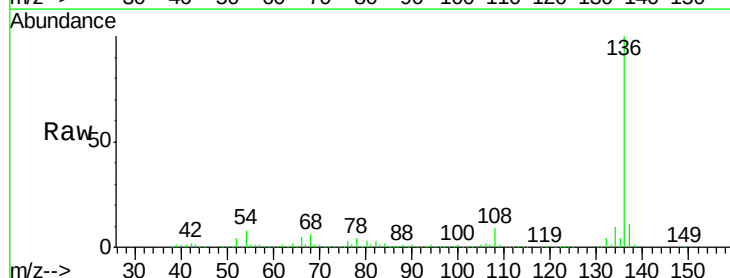
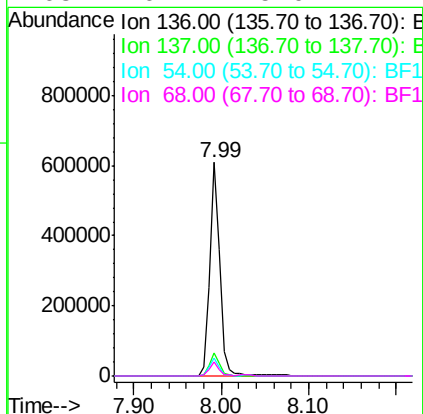
RT: 7.99 min Scan# 1004

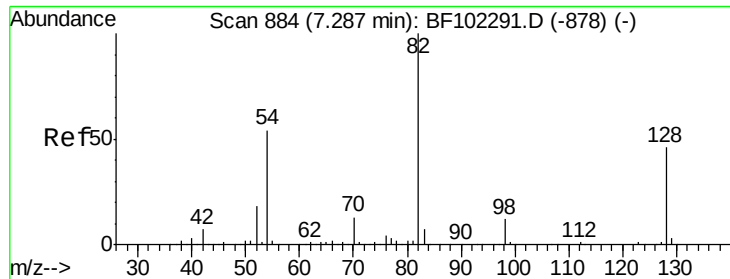
Delta R.T. 0.01 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		492127		
137	10.7	8.9	13.3		
54	8.4	6.6	9.8		
68	6.4	5.0	7.4		





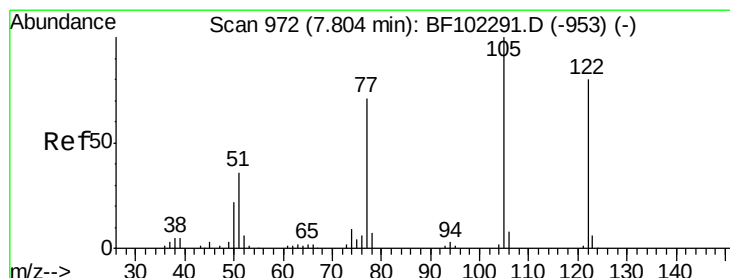
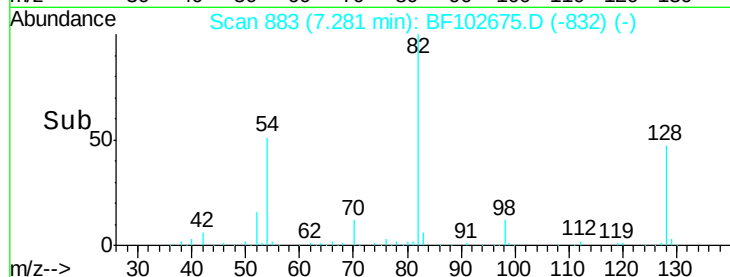
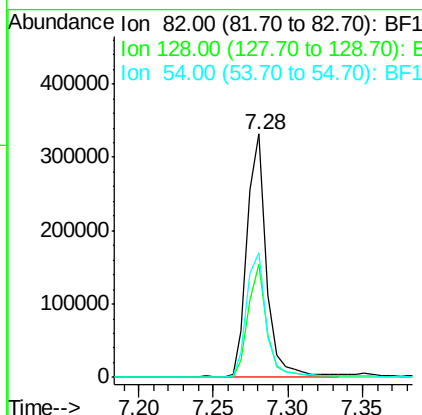
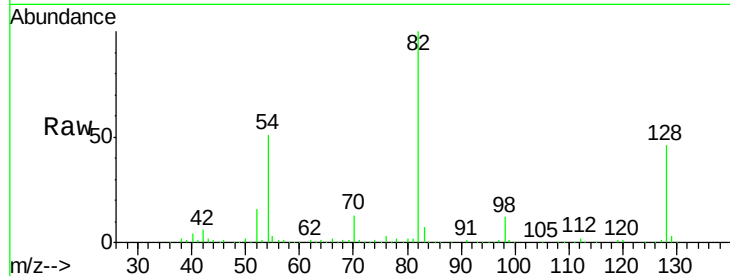
#23
Nitrobenzene-d5
Concen: 34.754 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Instrument :
BNA_F
ClientSampleId :
OILY-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	51.4	41.4	62.2

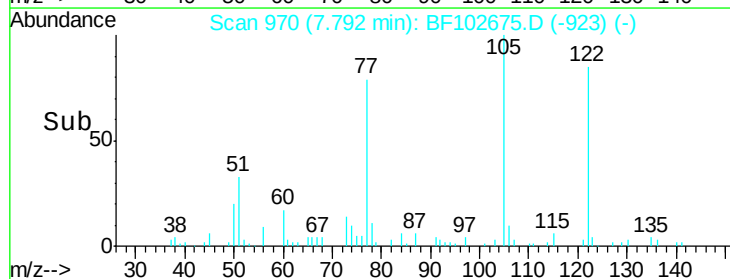
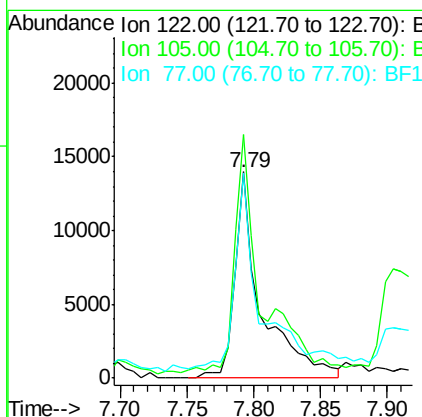
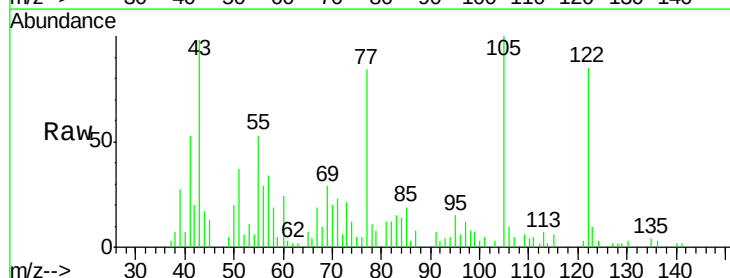
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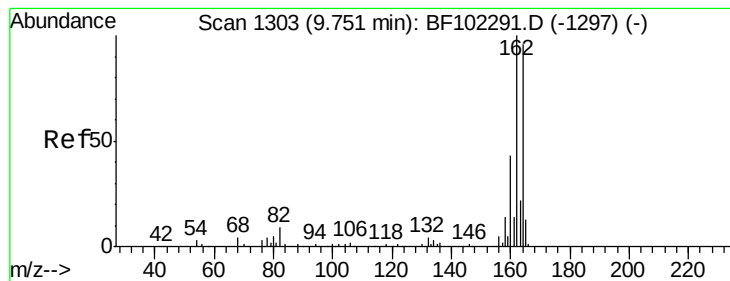
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#32
Benzoic acid
Concen: 3.463 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.1	141.1
77	99.4	70.7	110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Instrument :

BNA_F

ClientSampleId :

OILY-CONCRETE

Tot Ion:164 Resp: 172901

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

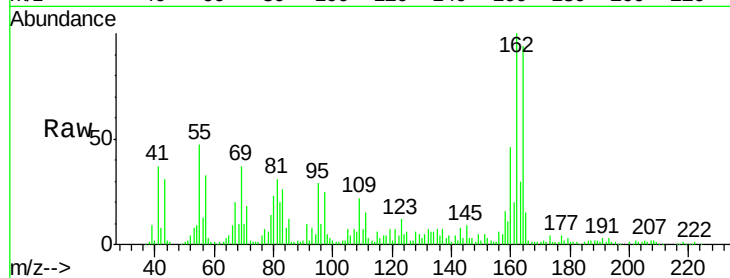
160 48.2 38.3 57.5

Manual Integrations

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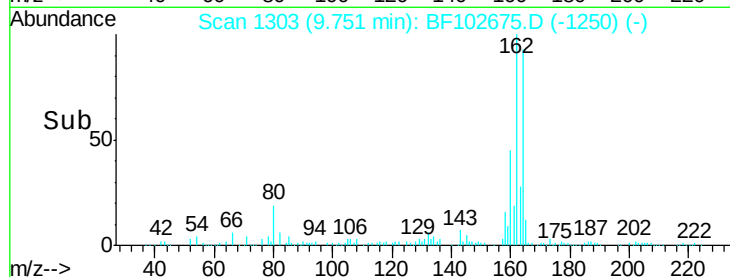


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

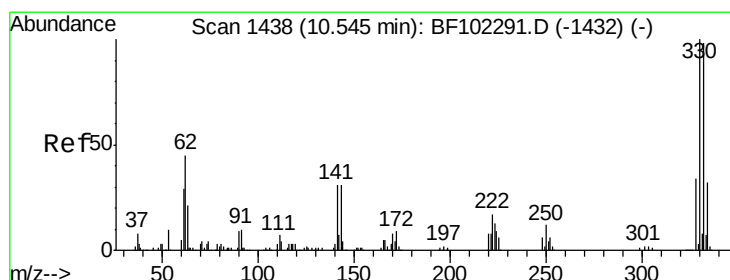
Ion 160.00 (159.70 to 160.70): E

Time-->



Abundance

Time-->



#41

2,4,6-Tribromophenol

Concen: 32.313 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.04 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

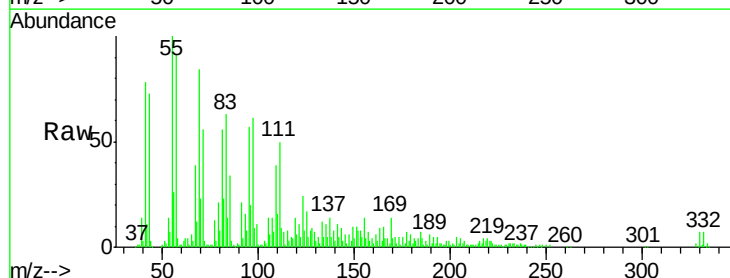
Tgt Ion:330 Resp: 55358

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 0.0 29.9 44.9#

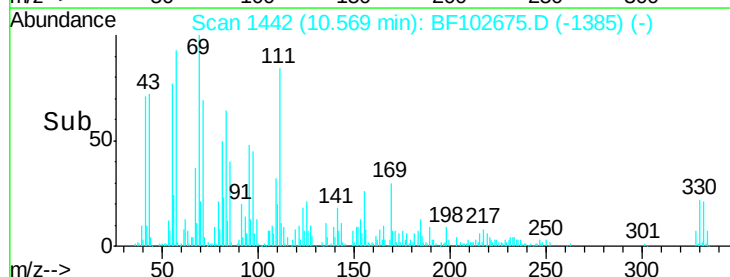


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

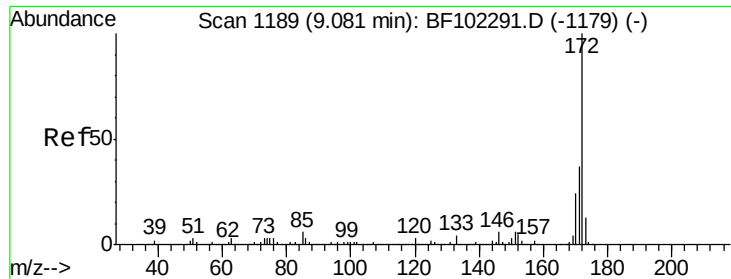
Ion 141.00 (140.70 to 141.70): E

Time-->



Abundance

Time-->



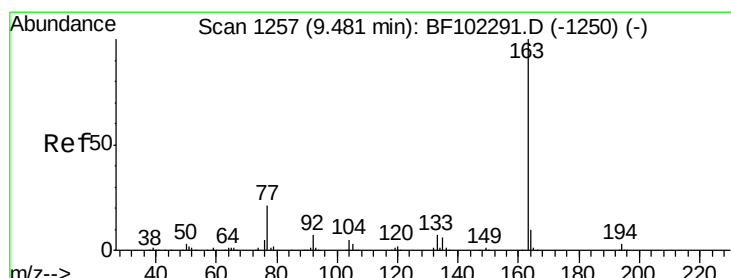
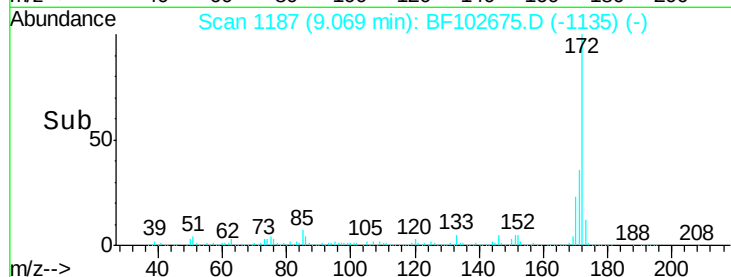
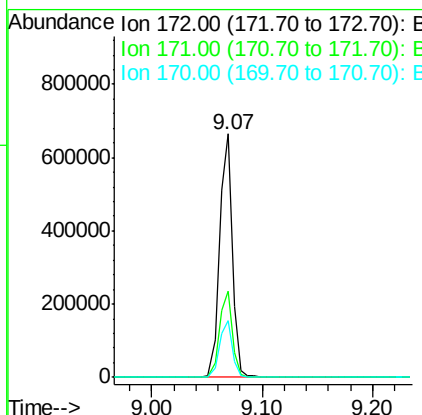
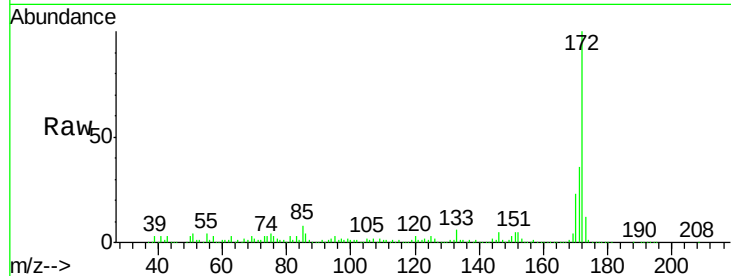
#44
2-Fluorobiphenyl
Concen: 45.843 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Instrument :
BNA_F
ClientSampleId :
OILY-CONCRETE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4

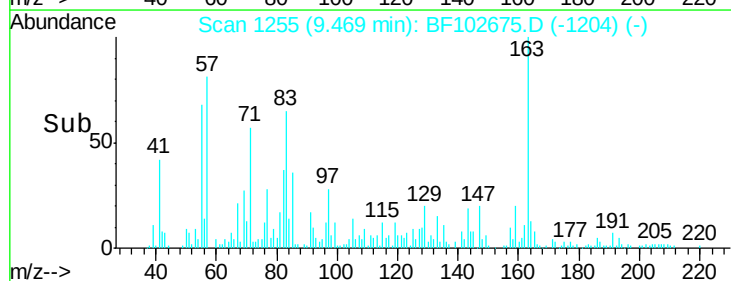
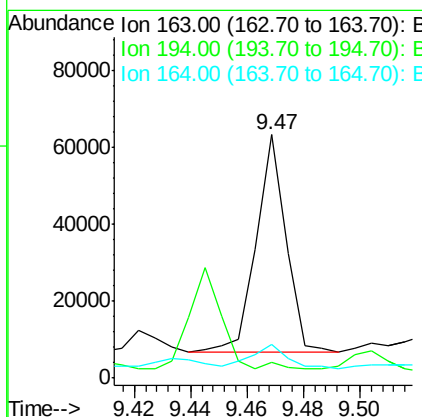
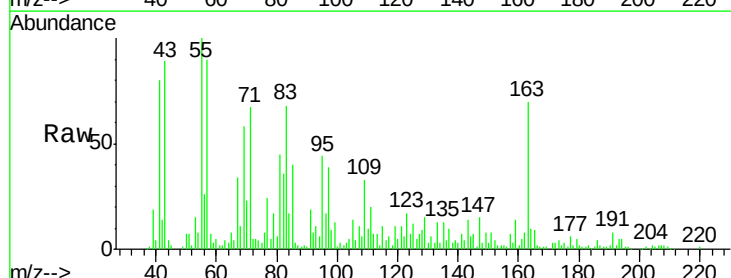
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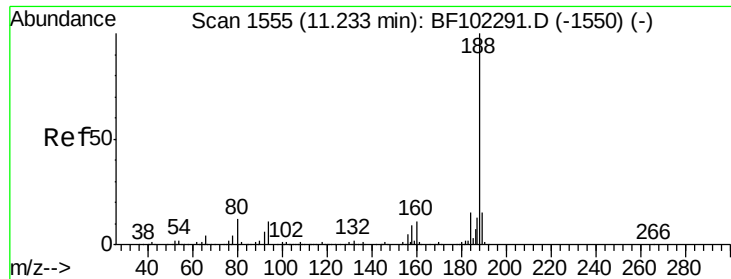
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#49
Dimethylphthalate
Concen: 2.924 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF102675.D
Acq: 1 Feb 2018 00:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	2.7	4.1#
164	14.0	8.2	12.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.06 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Instrument :

BNA_F

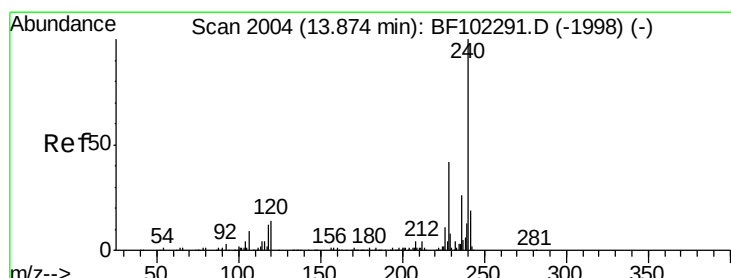
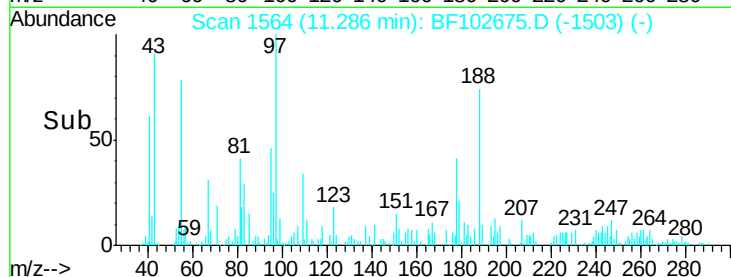
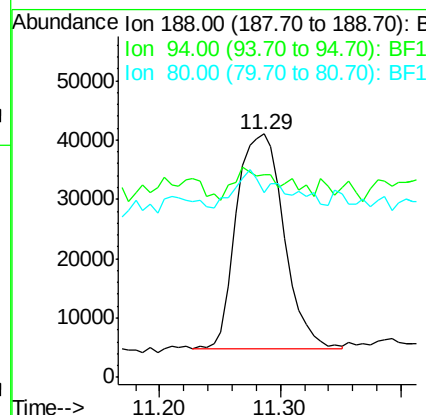
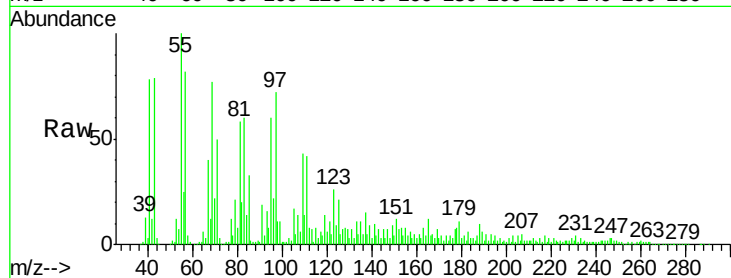
ClientSampleId :

OILY-CONCRETE

Tot Ion:	188	Resp:	99236
Ion Ratio	Lower	Upper	
188	100		
94	83.3	8.5	12.7#
80	75.7	9.2	13.8#

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#75

Chrysene-d12

Concen: 20.000 ng

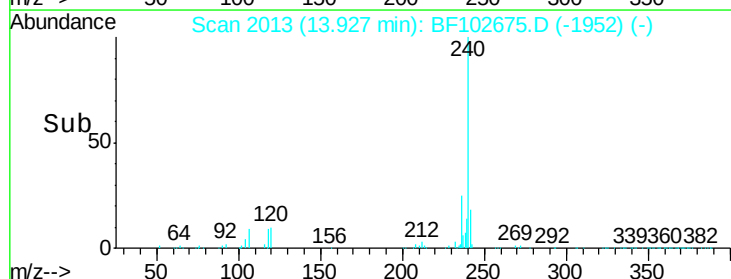
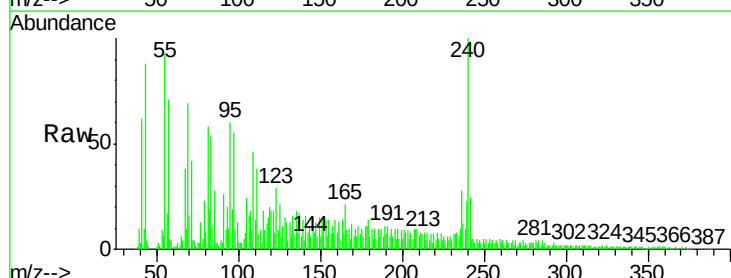
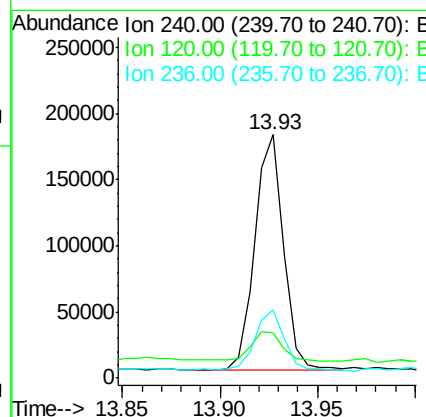
RT: 13.93 min Scan# 2013

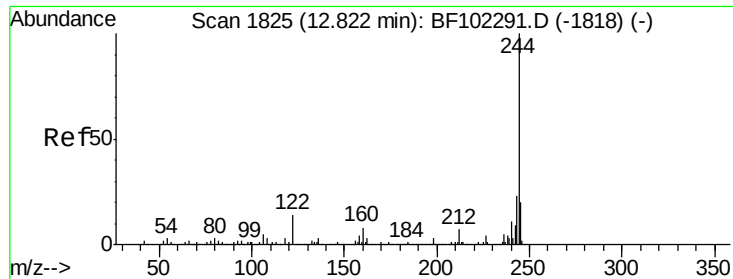
Delta R.T. 0.06 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Tgt Ion:	240	Resp:	181467
Ion Ratio	Lower	Upper	
240	100		
120	18.5	9.5	14.3#
236	28.3	20.7	31.1





#78

Terphenyl-d14

Concen: 21.071 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.08 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Instrument :

BNA_F

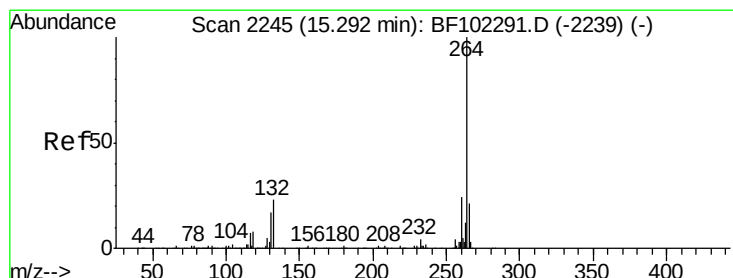
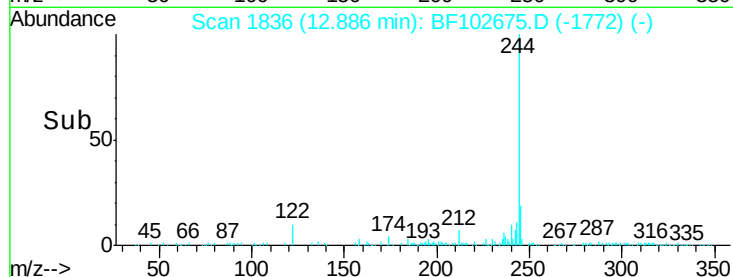
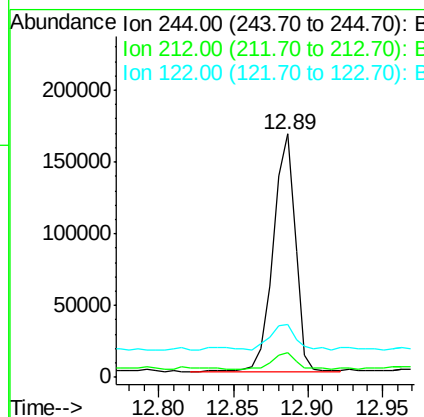
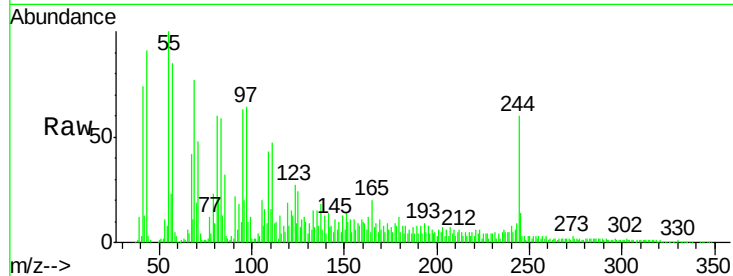
ClientSampleId :

OILY-CONCRETE

Tot Ion:	244	Resp:	169617
Ion Ratio	Lower	Upper	
244	100		
212	10.1	5.4	8.0#
122	21.8	11.0	16.4#

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.05 min

Lab File: BF102675.D

Acq: 1 Feb 2018 00:35

Tgt Ion:	264	Resp:	158027
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	23.0	17.5	26.3

