

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103751.D
 Acq On : 19 Mar 2018 12:37
 Operator : JU/SJ
 Sample : J1913-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS-M8

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:26:23 PM

Quant Time: Mar 19 13:32:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164064	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	670982	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	314826	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	576169	20.00	ng	0.00
75) Chrysene-d12	14.16	240	537007	20.00	ng	0.00
86) Perylene-d12	15.69	264	480609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1266867	117.45	ng	0.01
7) Phenol-d6	6.60	99	1401955	106.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	1073061	111.52	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	415462	153.48	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1705299	86.40	ng	0.00
78) Terphenyl-d14	13.10	244	1832231	79.20	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	87585	2.584	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	14760	3.213	ng	97
69) Pentachlorophenol	11.30	266	121731	31.360	ng	98

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

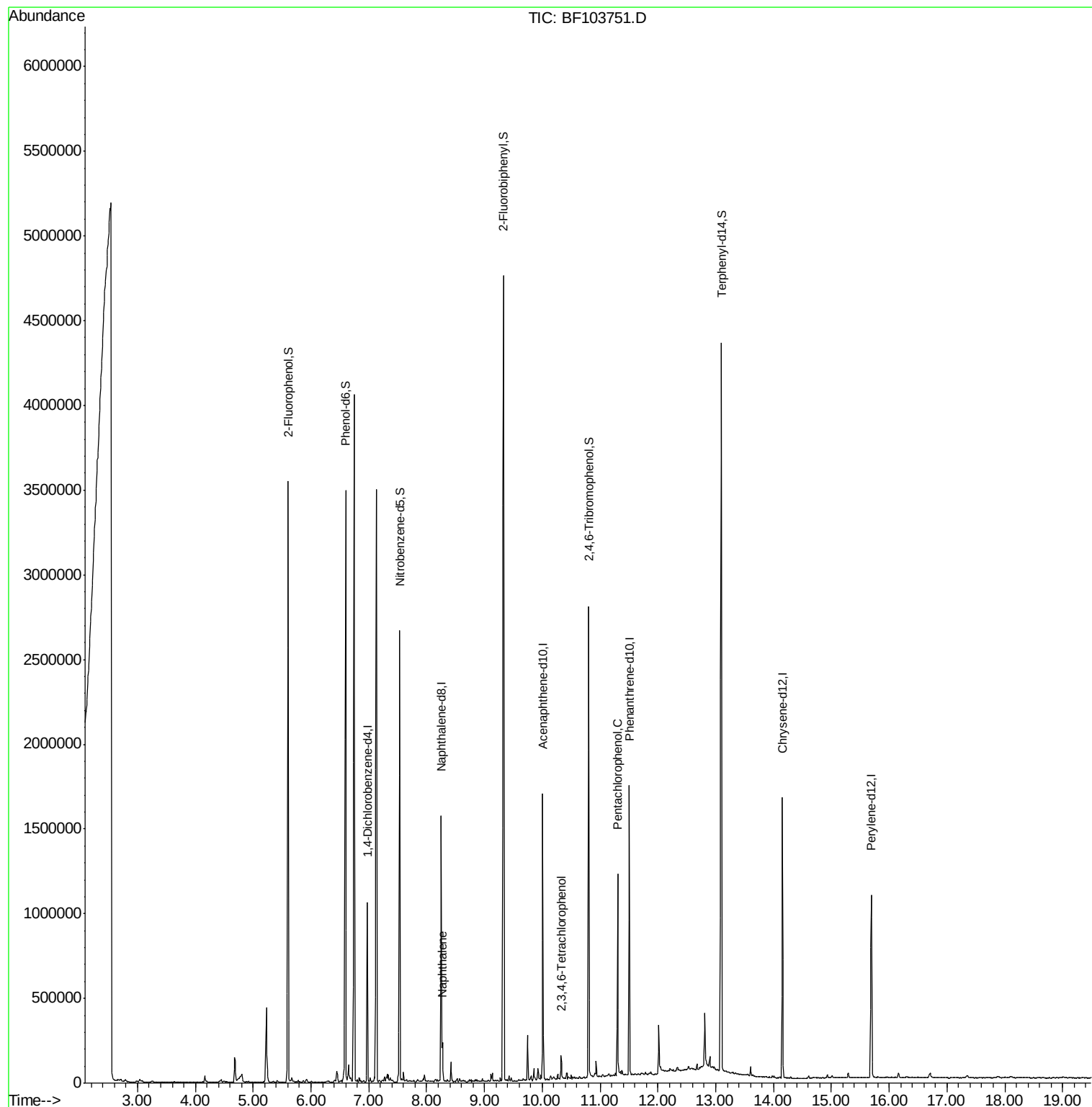
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103751.D
Acq On : 19 Mar 2018 12:37
Operator : JU/SJ
Sample : J1913-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

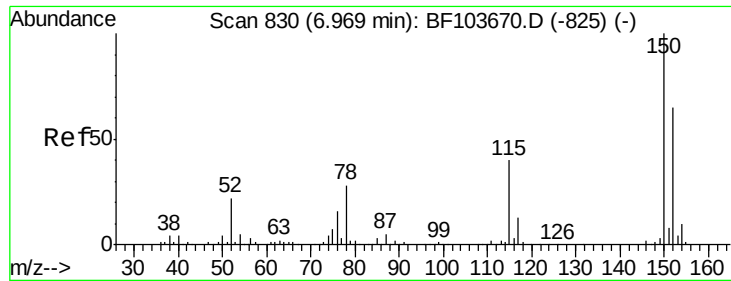
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Manual Integrations
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#1

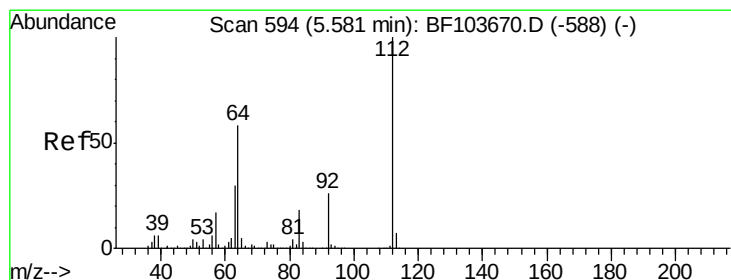
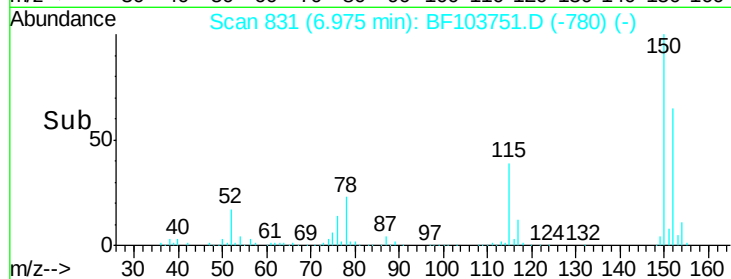
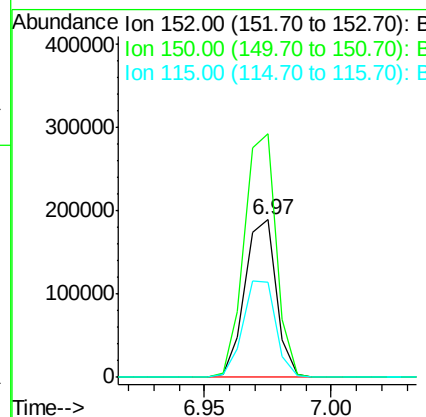
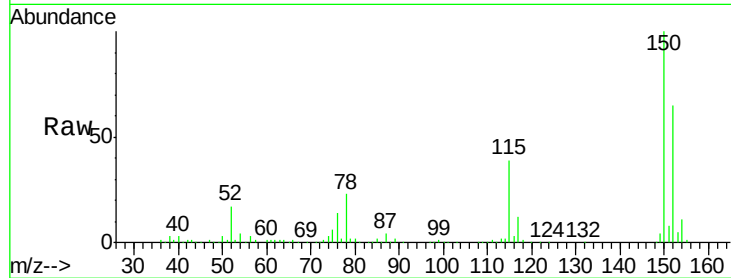
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	60.1	50.1	75.1

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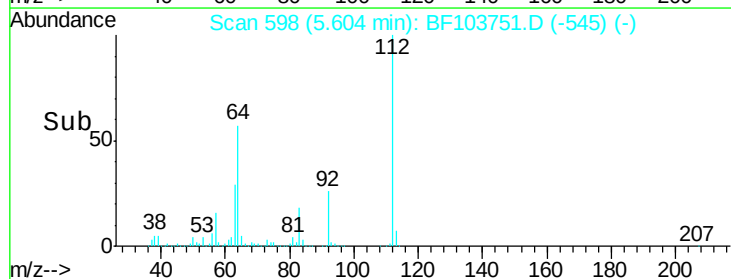
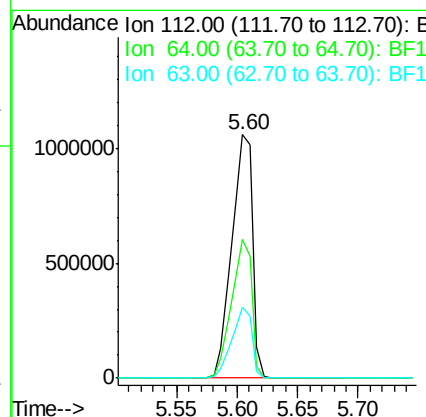
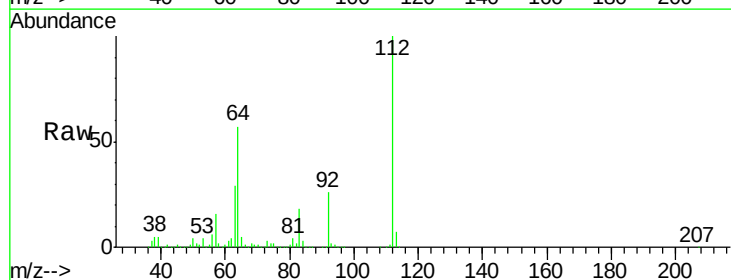
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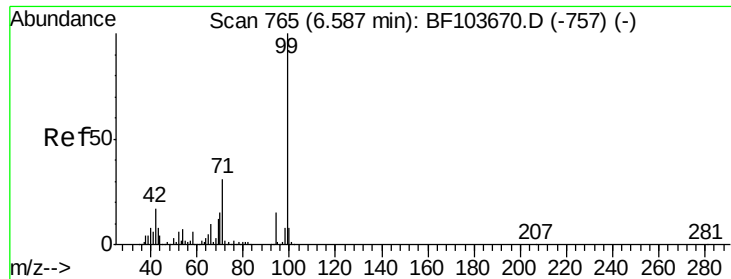


#5

2-Fluorophenol
Concen: 117.448 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 106.235 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103751.D

Acq: 19 Mar 2018 12:37

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-M8

Tot Ion: 99 Resp: 1401955

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

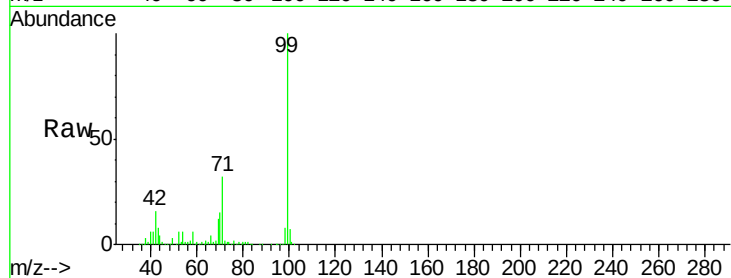
71 32.0 25.4 38.0

Manual Integrations

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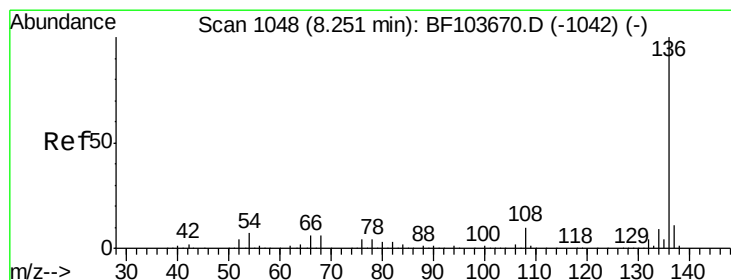
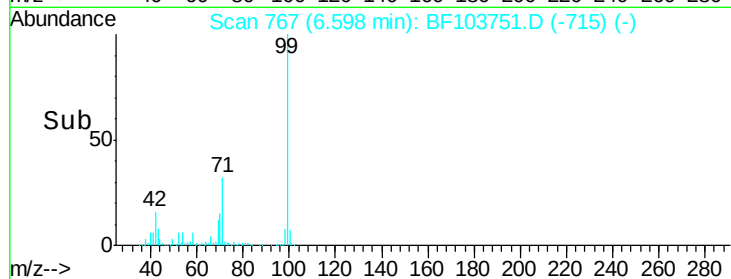
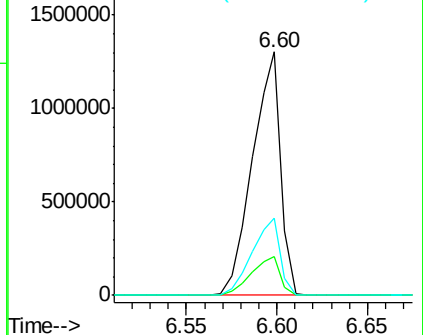
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103751.D

Acq: 19 Mar 2018 12:37

Tgt Ion: 136 Resp: 670982

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

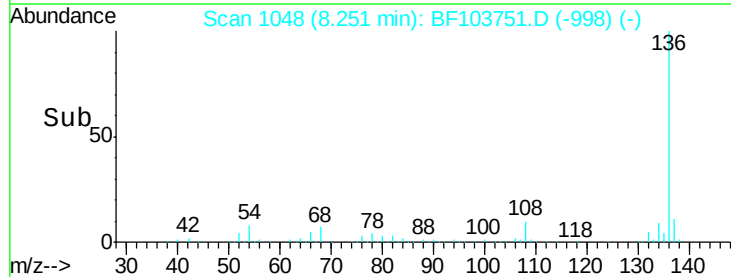
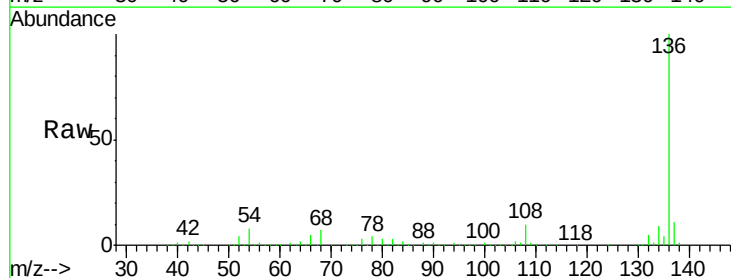
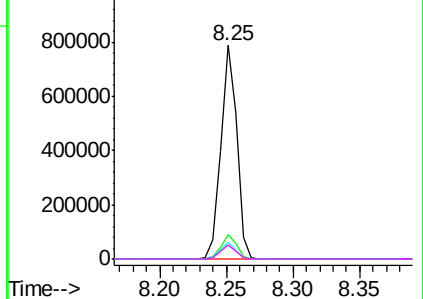
68 6.6 5.0 7.4

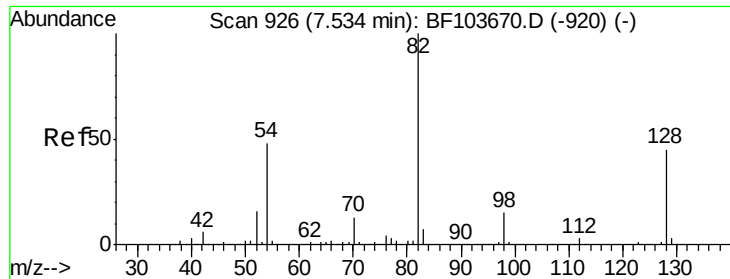
Abundance Ion 136.00 (135.70 to 136.70): E

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





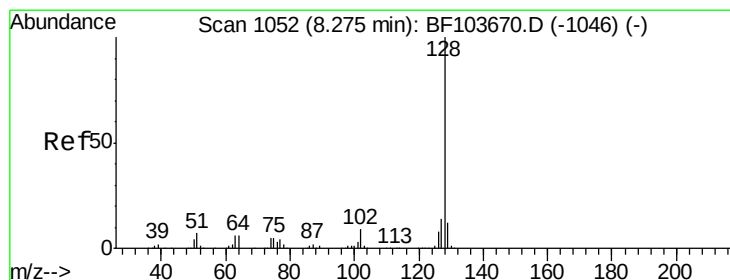
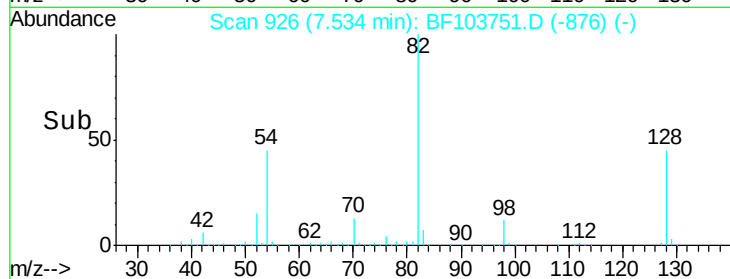
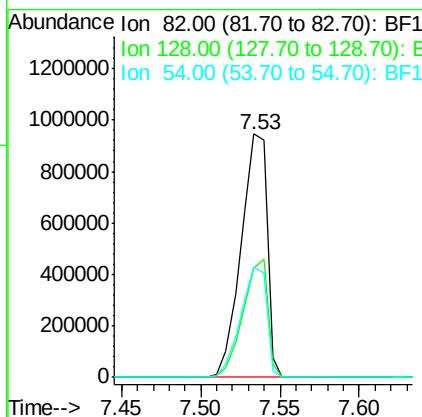
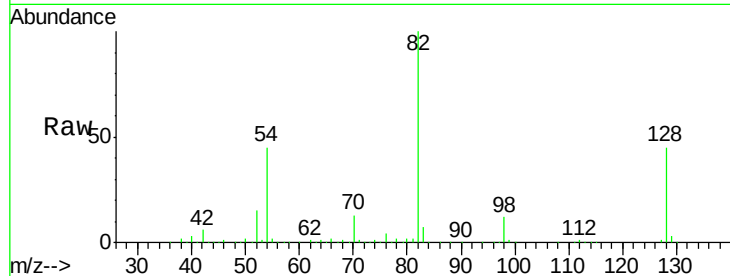
#23
Nitrobenzene-d5
Concen: 111.524 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion: 82 Resp: 1073061
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 45.4 41.4 62.2

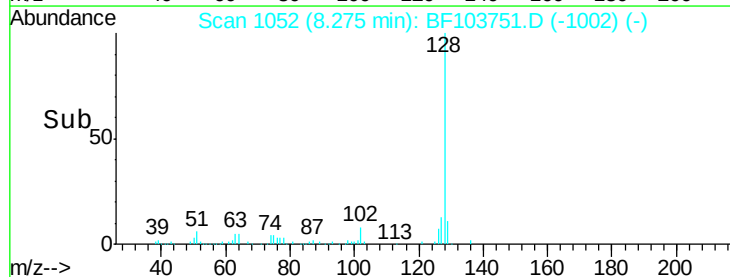
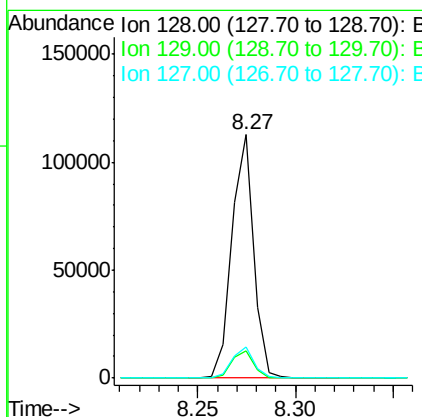
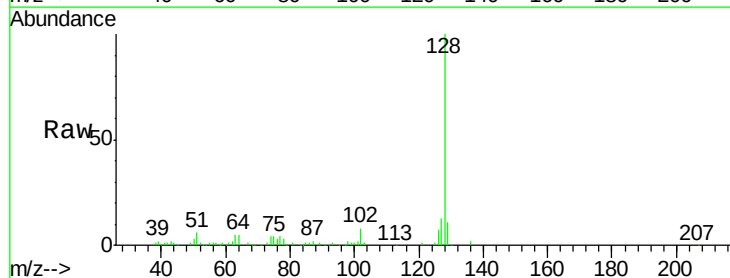
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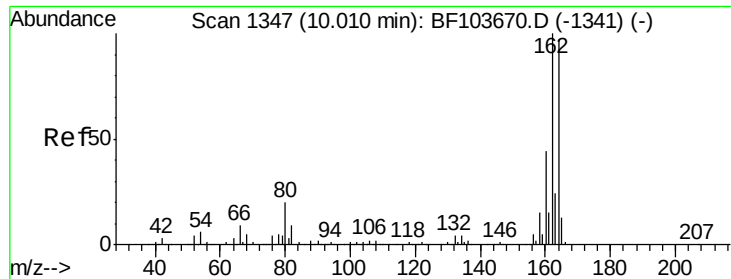
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#31
Naphthalene
Concen: 2.584 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tgt Ion: 128 Resp: 87585
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.9 16.3





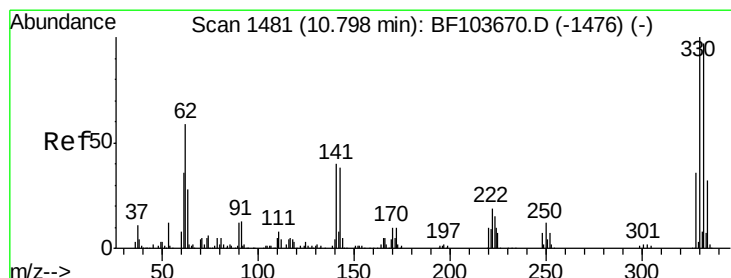
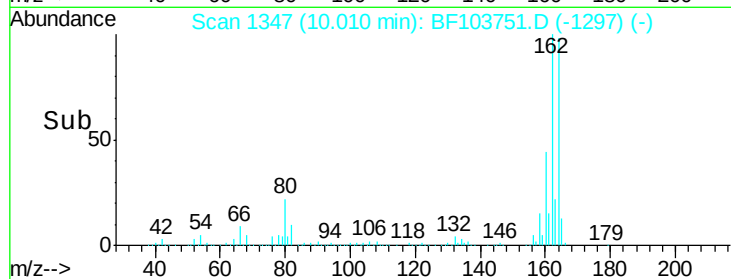
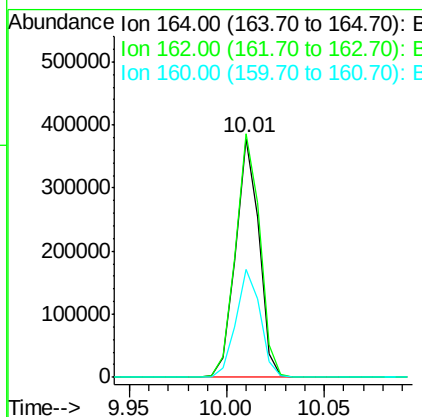
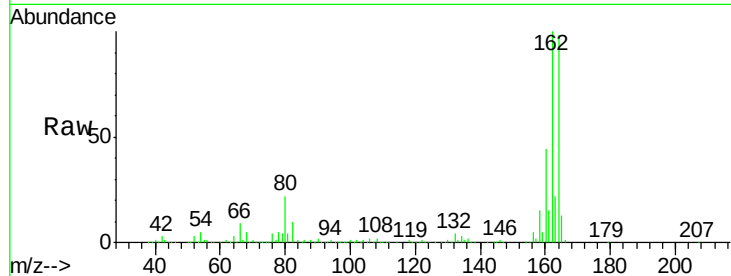
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.0	38.3	57.5

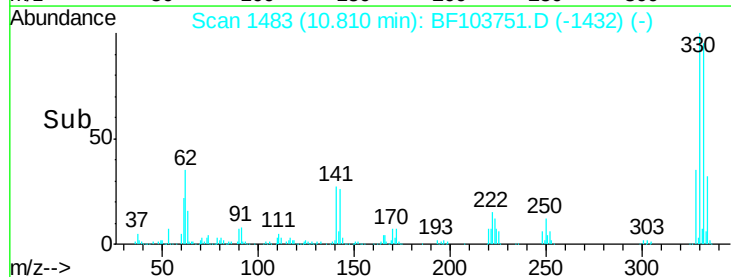
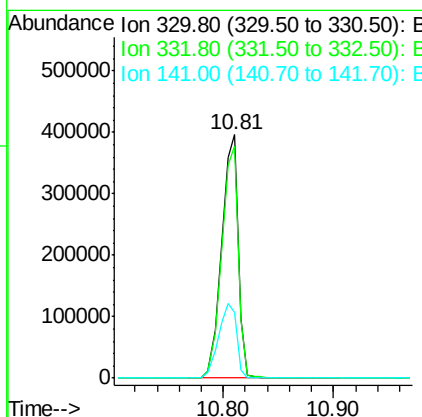
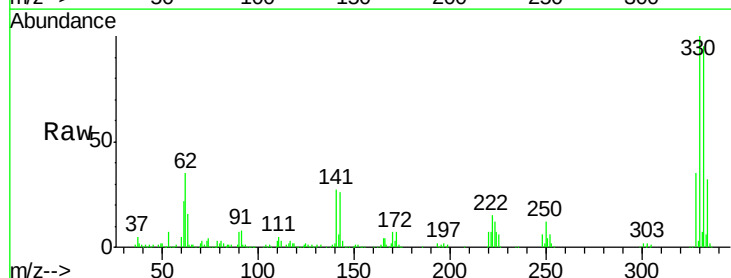
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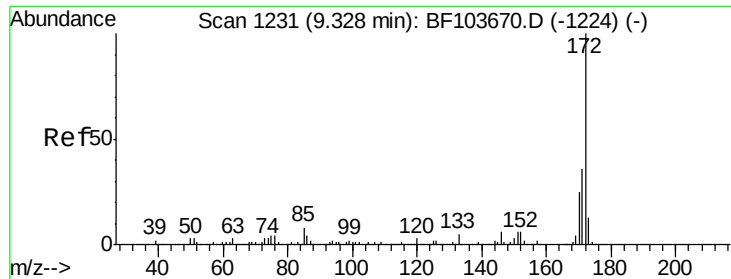
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#41
2,4,6-Tribromophenol
Concen: 153.483 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.1	29.9	44.9





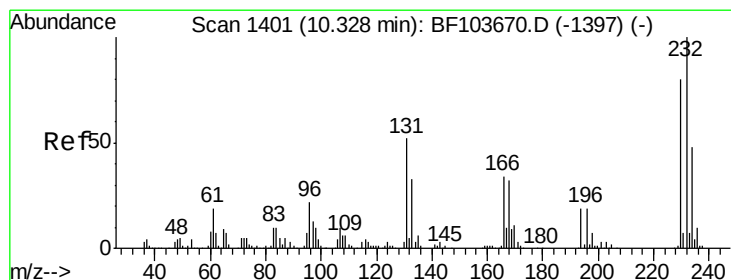
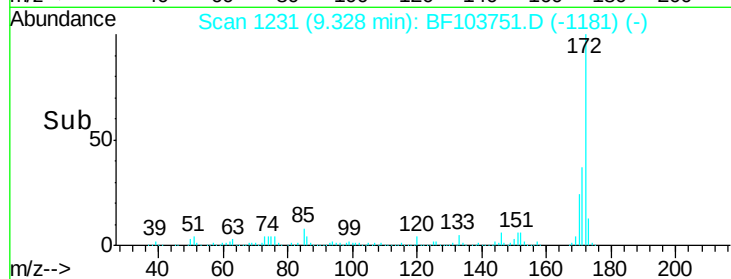
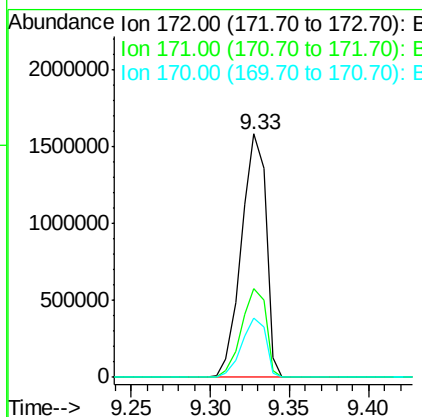
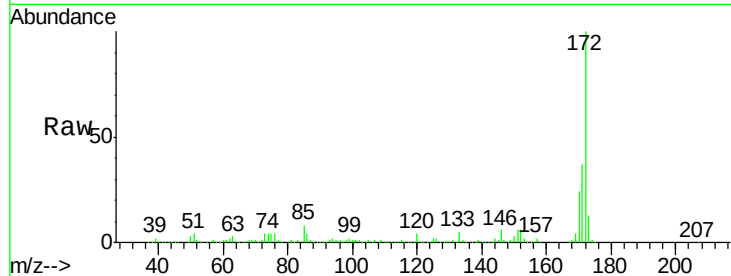
#44
2-Fluorobiphenyl
Concen: 86.404 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion:172 Resp: 1705299
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.4 19.6 29.4

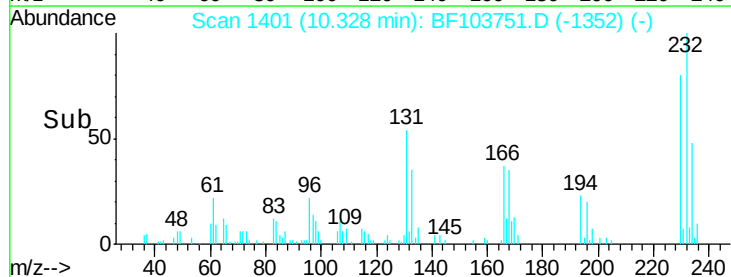
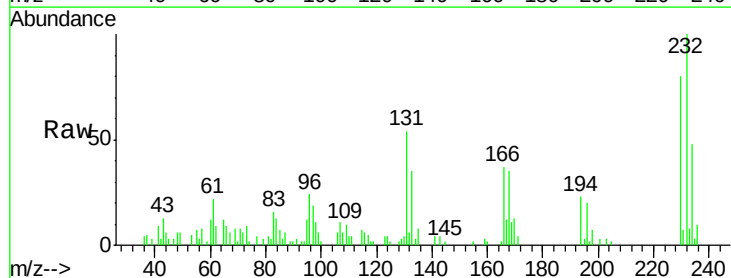
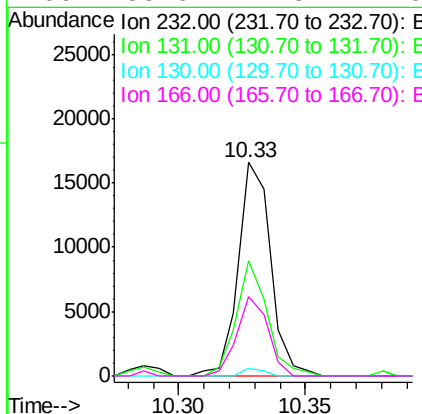
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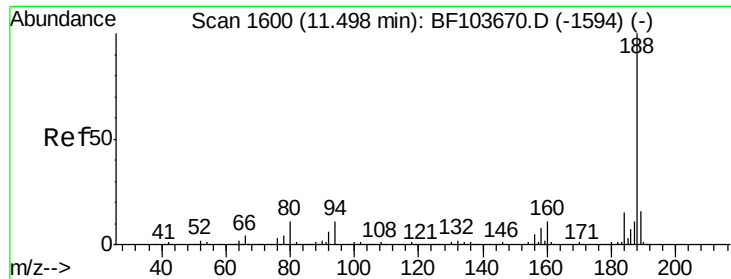
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#58
2,3,4,6-Tetrachlorophenol
Concen: 3.213 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tgt Ion:232 Resp: 14760
Ion Ratio Lower Upper
232 100
131 51.5 43.8 65.8
130 2.5 2.1 3.1
166 35.6 27.8 41.6





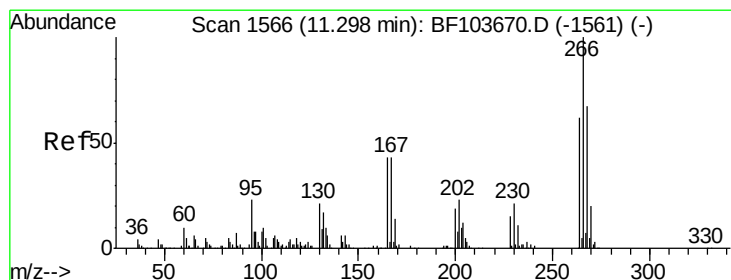
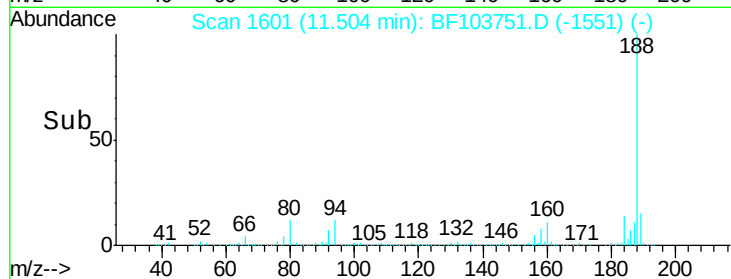
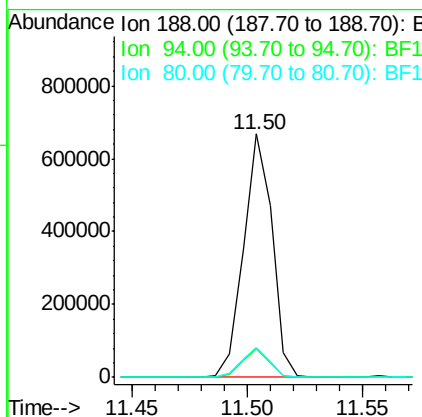
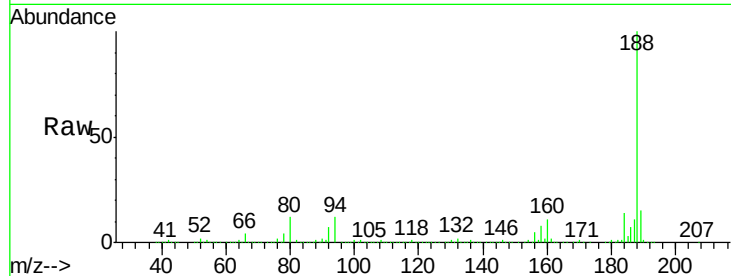
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion	Ratio	Resp	Lower	Upper
188	100	576169		
94	11.6		8.5	12.7
80	12.5		9.2	13.8

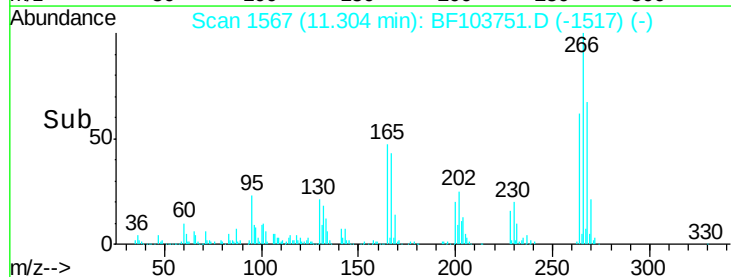
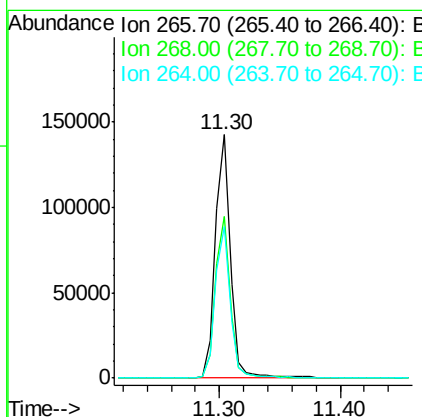
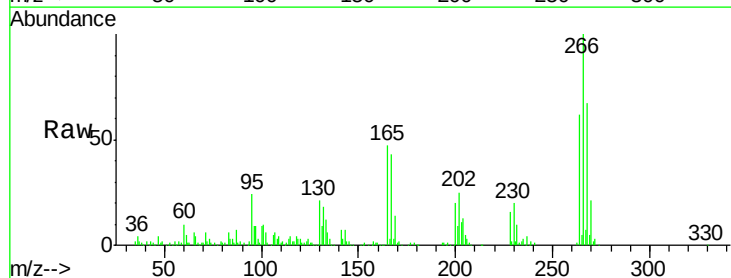
Manual Integrations
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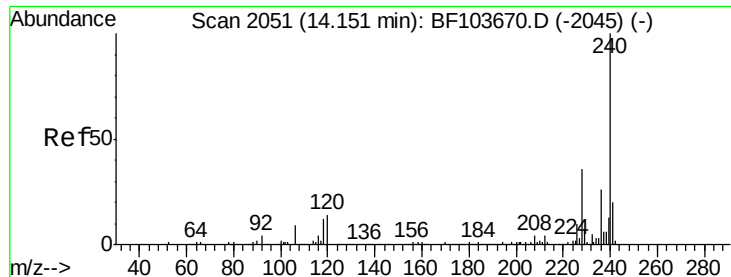
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#69
Pentachlorophenol
Concen: 31.360 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	121731		
268	66.5		51.1	76.7
264	62.2		49.5	74.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103751.D

Acq: 19 Mar 2018 12:37

Instrument :

BNA_F

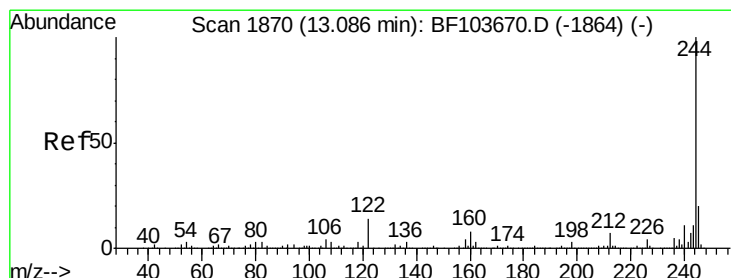
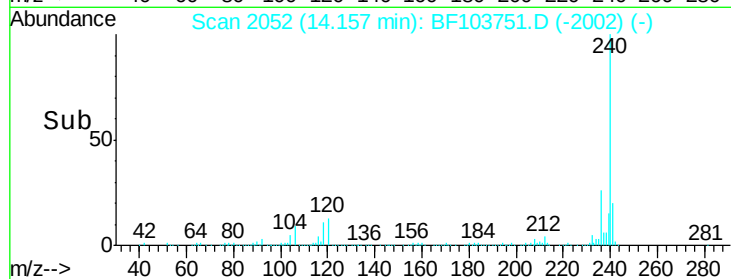
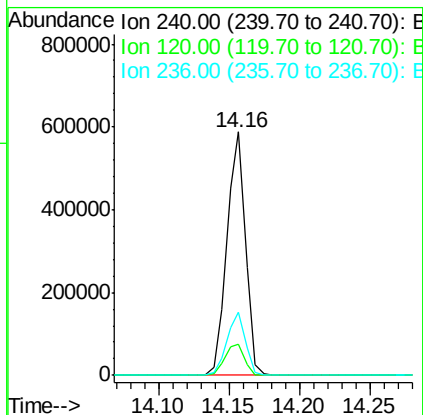
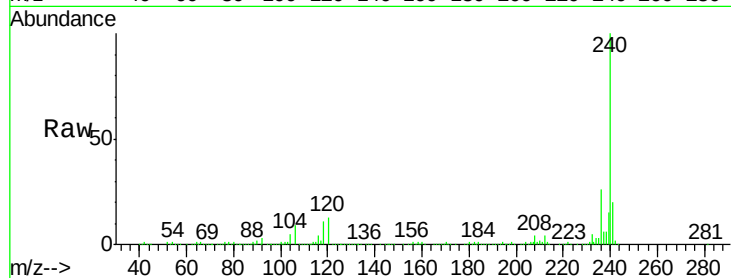
ClientSampleId :

OILY-DEBRIS-M8

Tot Ion:	240	Resp:	537007
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 79.196 ng

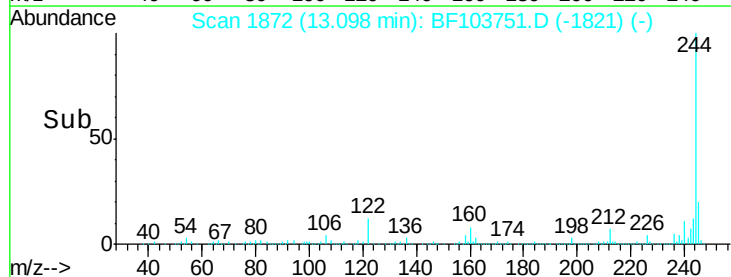
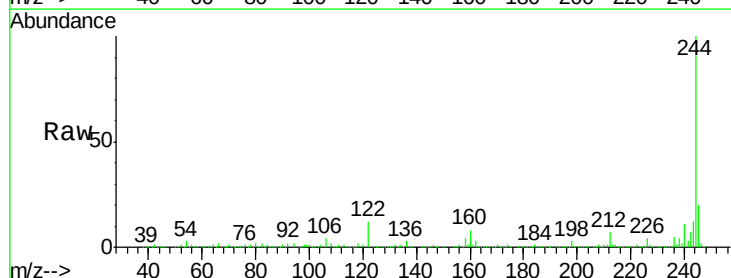
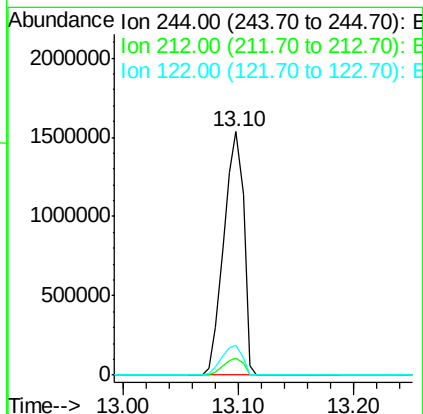
RT: 13.10 min Scan# 1872

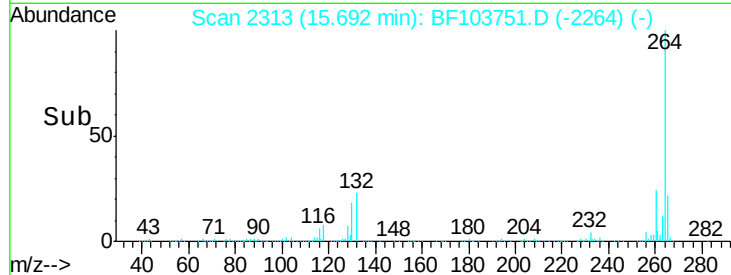
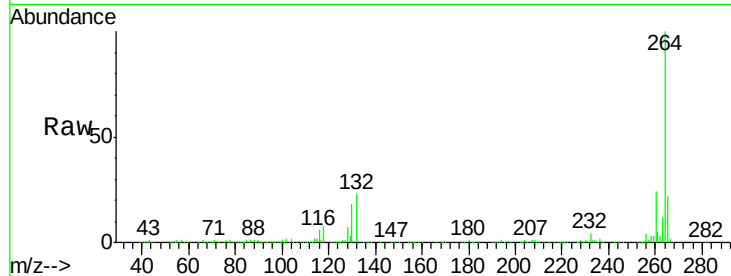
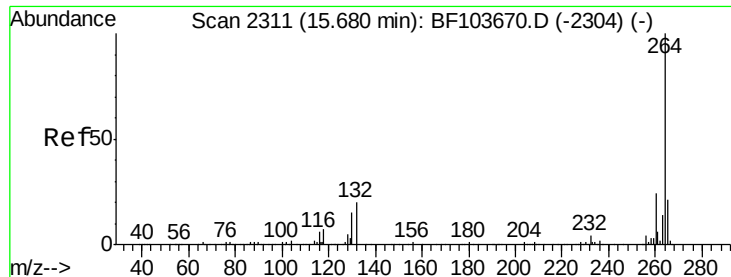
Delta R.T. 0.00 min

Lab File: BF103751.D

Acq: 19 Mar 2018 12:37

Tgt Ion:	244	Resp:	1832231
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103751.D
Acq: 19 Mar 2018 12:37

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.2	28.8	
265	22.1	17.5	26.3	

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-M8

Manual Integrations
APPROVED

Sohil
3/20/2018 6:26:23 PM

