

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111987.D
 Acq On : 10 Jan 2019 15:11
 Operator : JU/SJ
 Sample : K1083-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Manual Integrations
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Quant Time: Jan 11 01:10:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	105365	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	354180	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	174317	20.00	ng	-0.02
64) Phenanthrene-d10	11.41	188	266143	20.00	ng	0.00
76) Chrysene-d12	14.04	240	128390	20.00	ng	-0.02
87) Perylene-d12	15.52	264	139380	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	598202	97.13	ng	-0.01
7) Phenol-d6	6.52	99	805629	101.49	ng	-0.02
23) Nitrobenzene-d5	7.43	82	521652	78.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	214790	94.73	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	985372	82.43	ng	-0.02
79) Terphenyl-d14	12.99	244	801775	118.54	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.87	142	48774	4.682	ng	98
38) 1-Methylnaphthalene	8.97	142	20085m	2.010	ng	
50) Dimethylphthalate	9.62	163	74978	5.726	ng	# 94

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

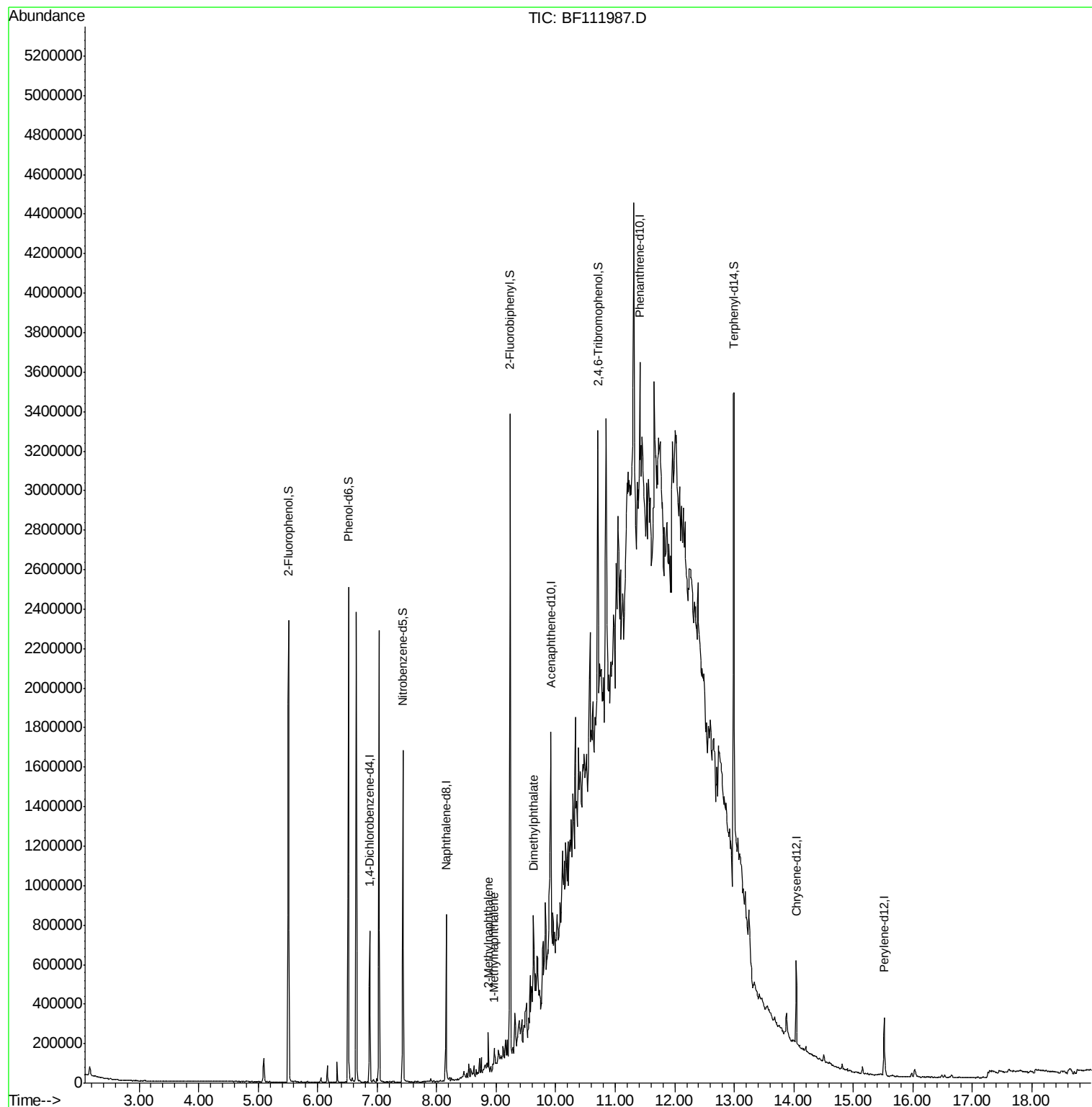
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
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ALS Vial : 7 Sample Multiplier: 1

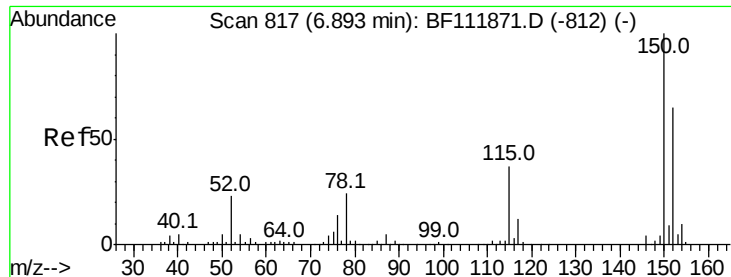
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
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#1

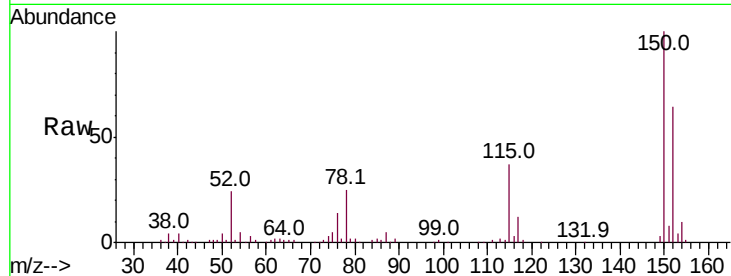
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Instrument :
BNA_F
ClientSampled :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	57.6	45.2	67.8

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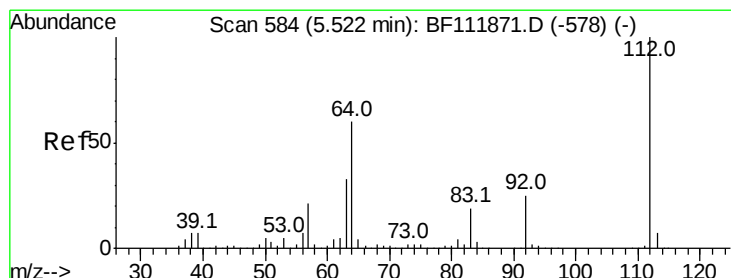
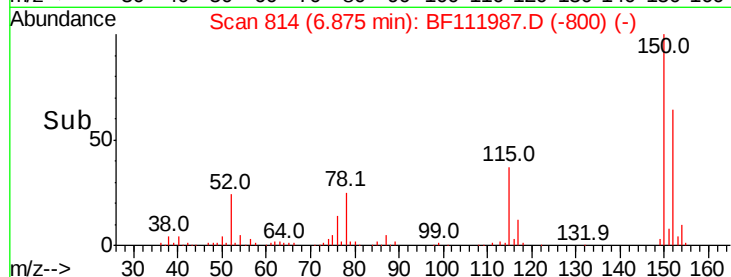
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

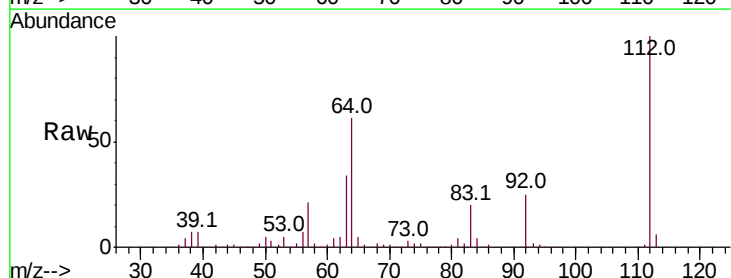
Time-->



#5

2-Fluorophenol
Concen: 97.130 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.3	72.5
63	33.6	26.1	39.1



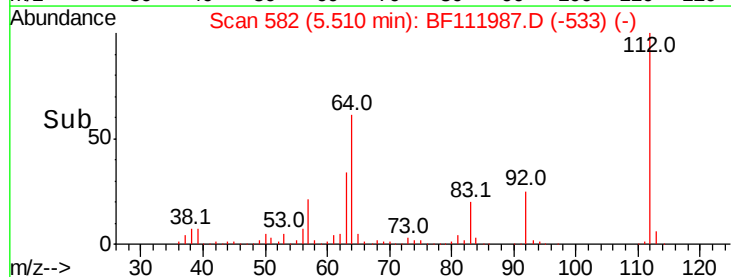
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 101.491 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

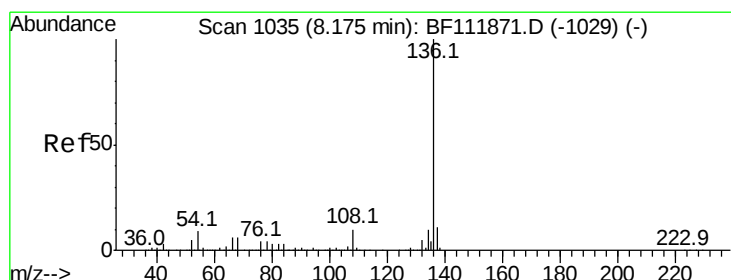
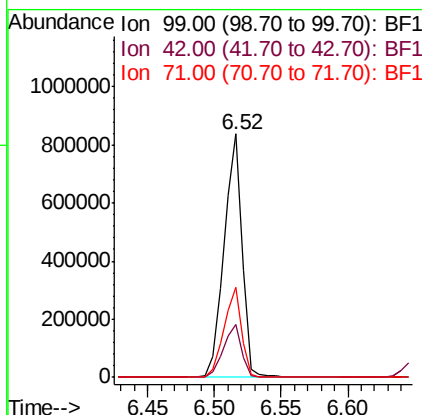
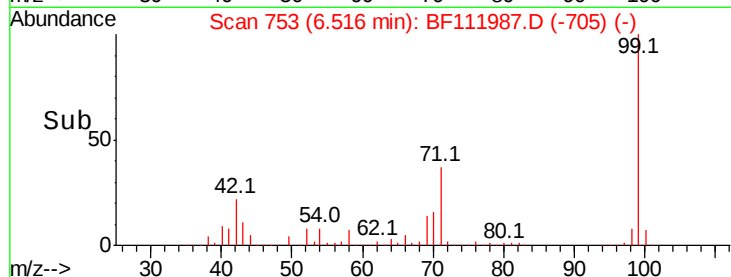
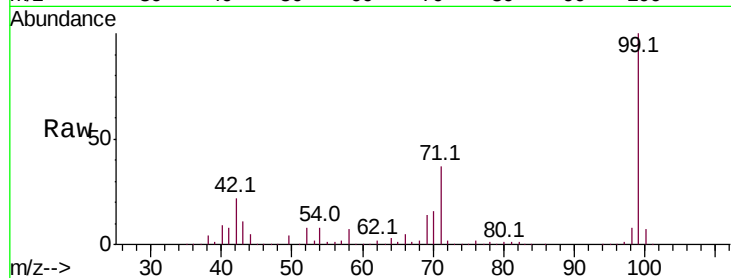
ClientSampleId :

OILY-STONES

Tot Ion:	99	Resp:	805629
Ion Ratio	Lower	Upper	
99	100		
42	21.9	17.9	26.9
71	37.2	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

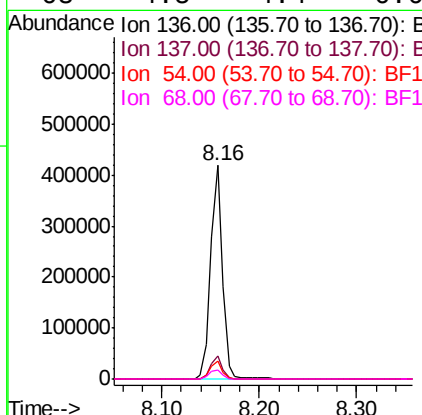
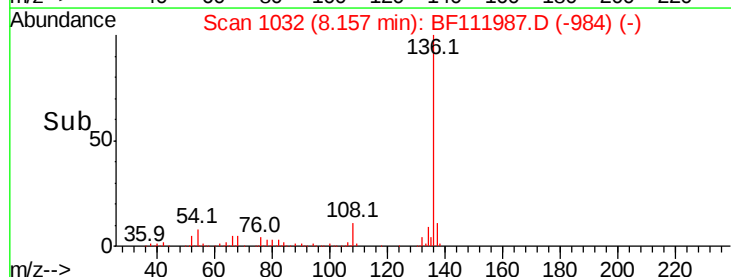
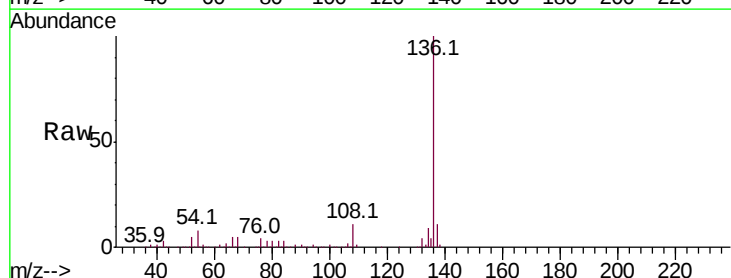
RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Tgt Ion:	136	Resp:	354180
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.3	7.2	10.8
68	4.5	4.4	6.6





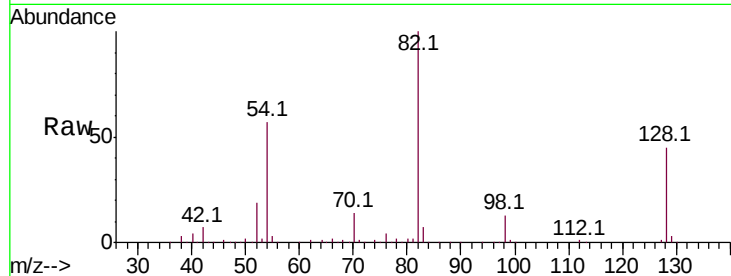
#23
 Nitrobenzene-d5
 Concen: 78.717 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	56.9	45.8	68.8

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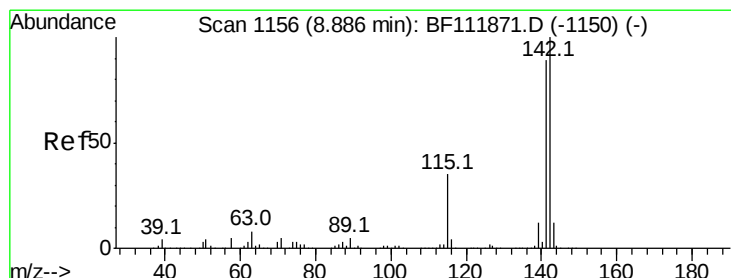
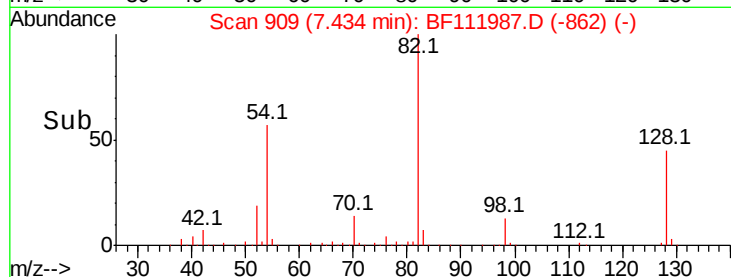
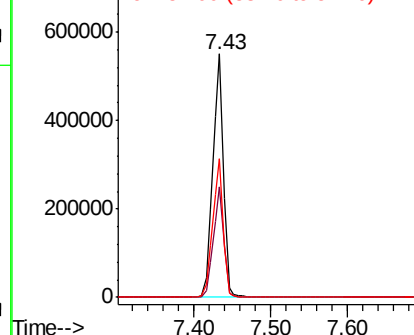


Abundance

Ion 82.00 (81.70 to 82.70): BF1

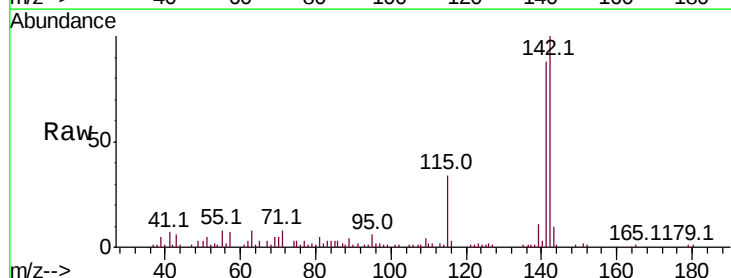
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#37
 2-Methylnaphthalene
 Concen: 4.682 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	33.9	28.3	42.5

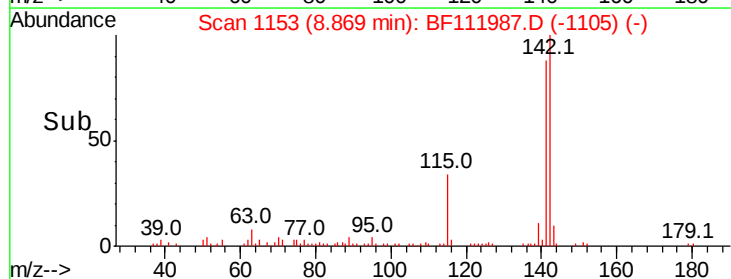
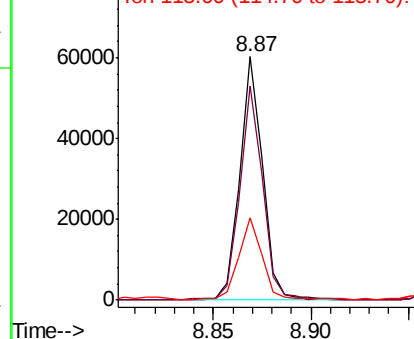


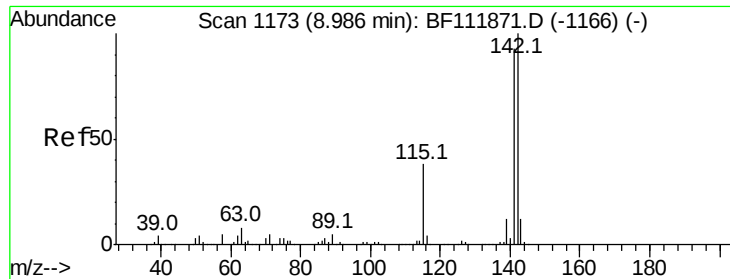
Abundance

Ion 142.00 (141.70 to 142.70): BF1

Ion 141.00 (140.70 to 141.70): BF1

Ion 115.00 (114.70 to 115.70): BF1





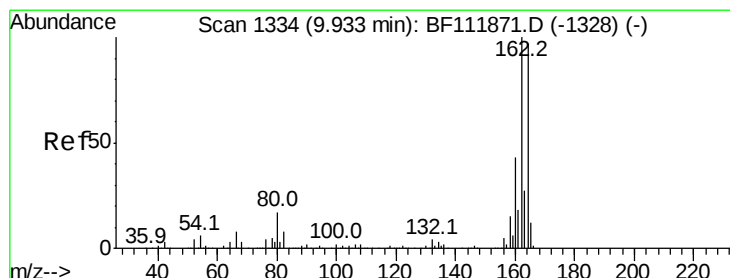
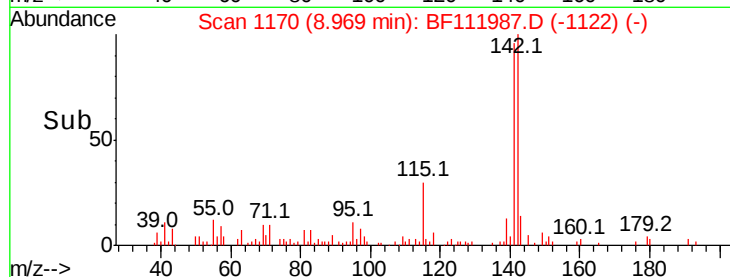
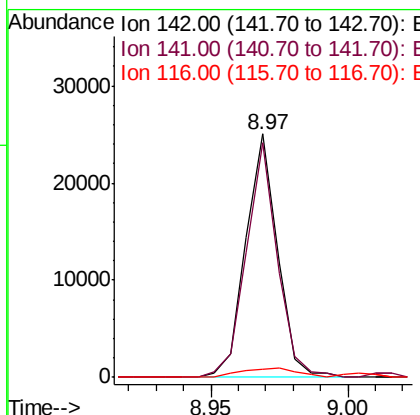
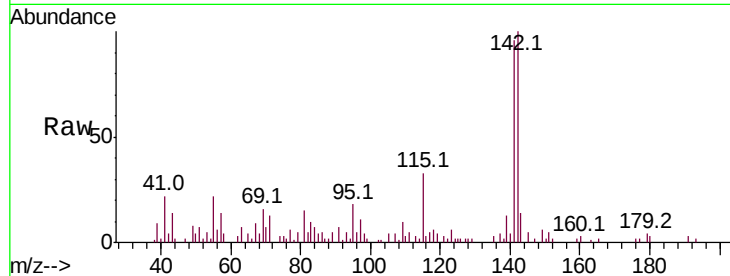
#38
1-Methylnaphthalene
Concen: 2.010 ng m
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.5	74.8	112.2
116	3.1	3.1	4.7#

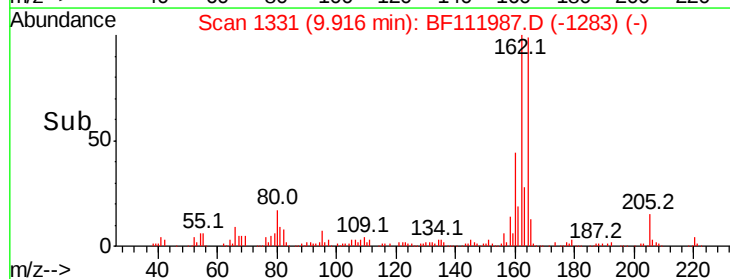
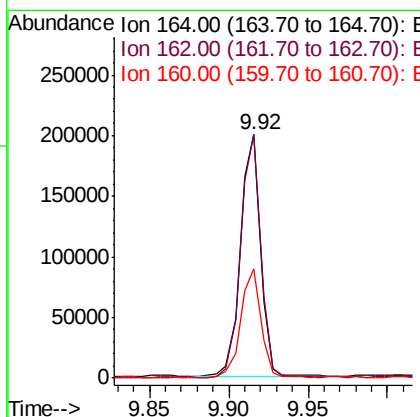
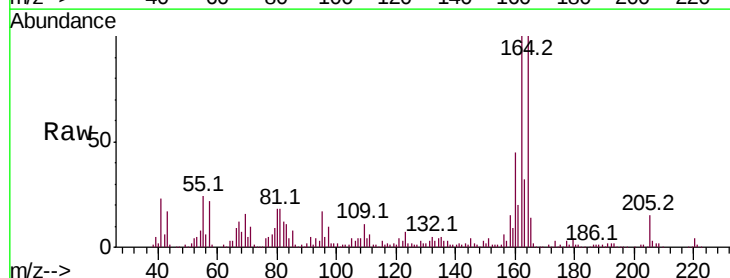
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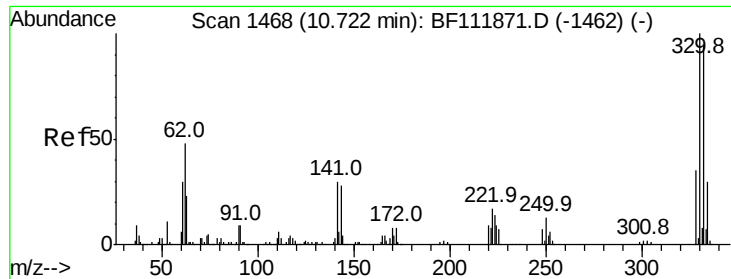
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.8	35.5	53.3





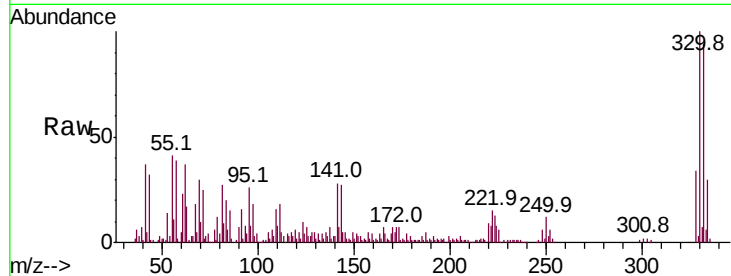
#42
 2,4,6-Tribromophenol
 Concen: 94.732 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

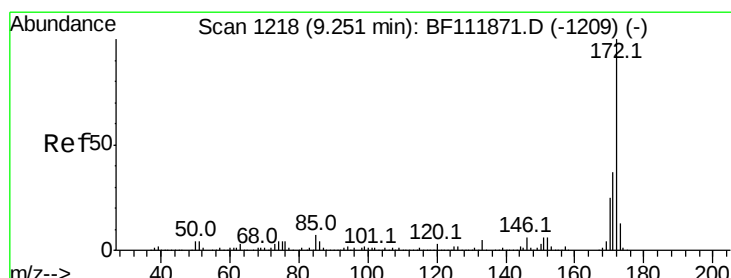
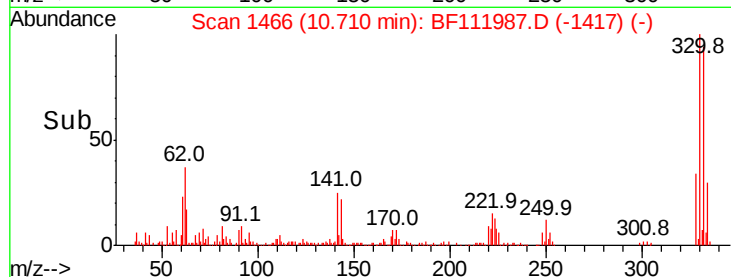
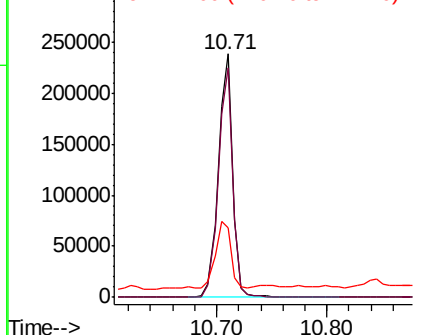
Tot Ion	Ratio	Resp	Lower	Upper
330	100	214790		
332	95.4	76.9	115.3	
141	31.5	23.7	35.5	

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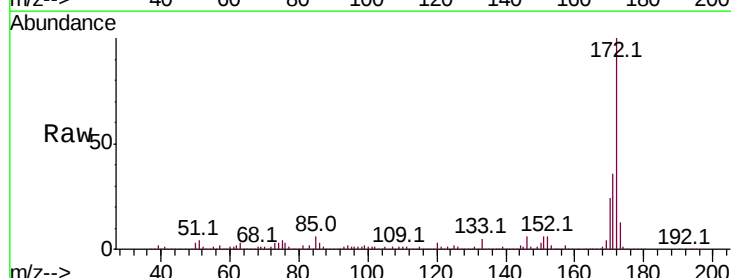


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

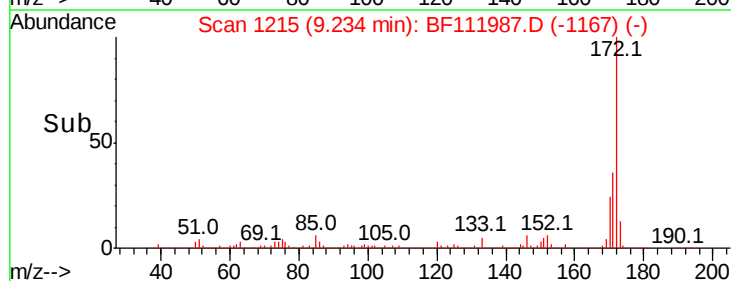
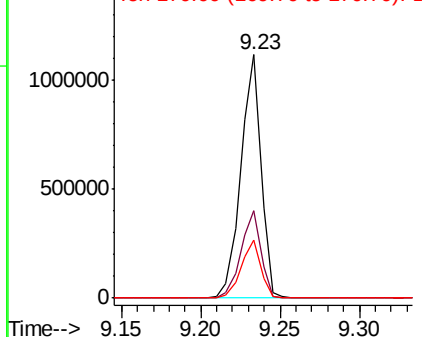


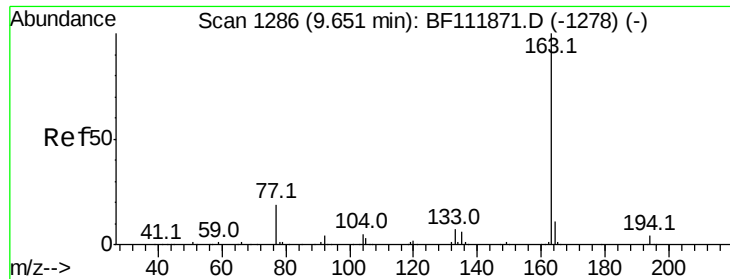
#45
 2-Fluorobiphenyl
 Concen: 82.429 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985372		
171	36.1	29.6	44.4	
170	23.9	19.8	29.8	



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





#50

Dimethylphthalate

Concen: 5.726 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

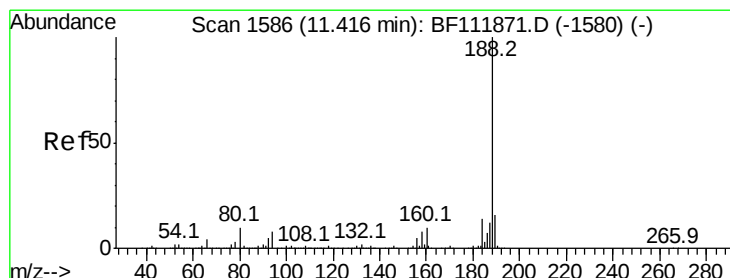
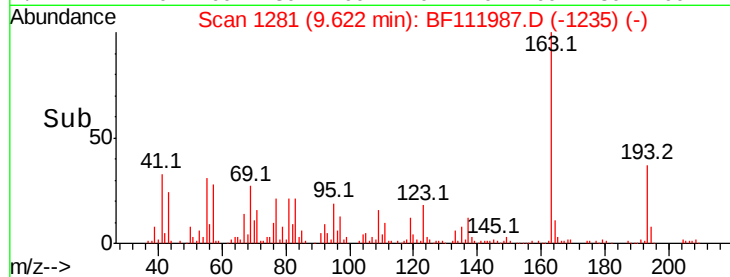
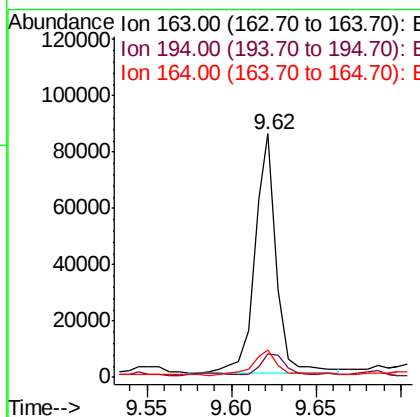
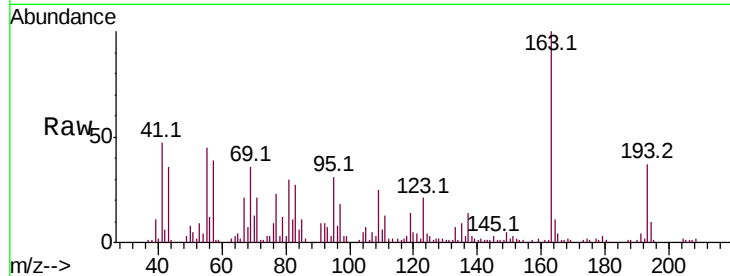
ClientSampleId :

OILY-STONES

Tot Ion:	163	Resp:	74978
Ion Ratio	Lower	Upper	
163	100		
194	9.7	3.4	5.2#
164	11.0	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

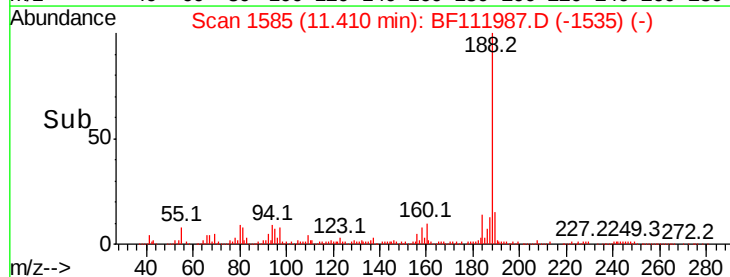
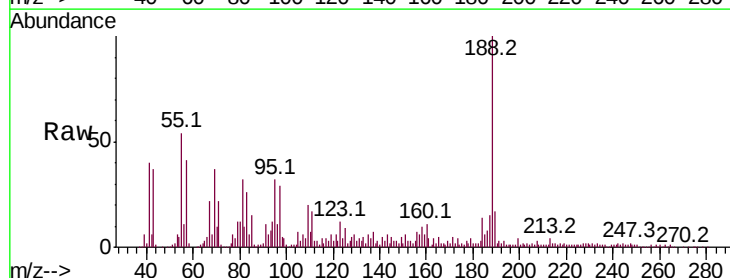
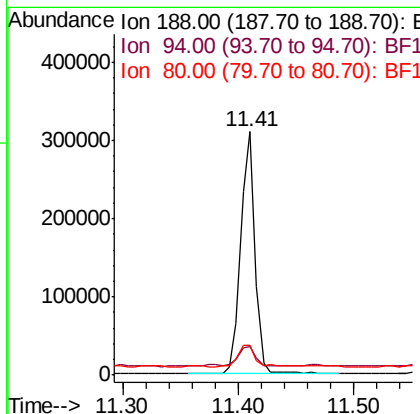
RT: 11.41 min Scan# 1585

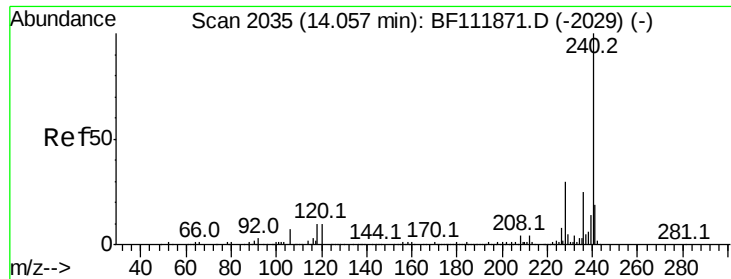
Delta R.T. -0.01 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Tgt Ion:	188	Resp:	266143
Ion Ratio	Lower	Upper	
188	100		
94	11.9	6.6	10.0#
80	12.1	7.7	11.5#





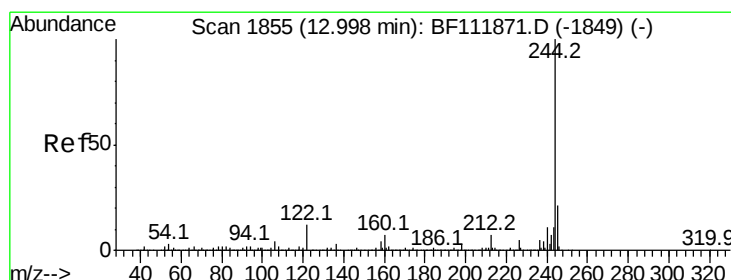
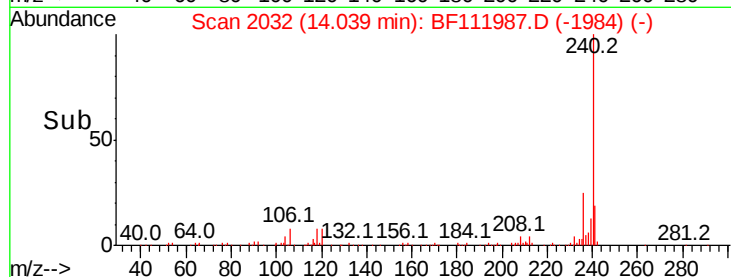
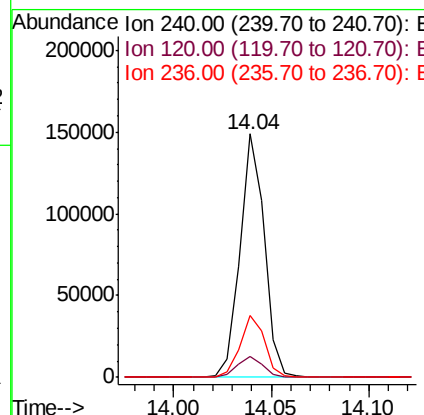
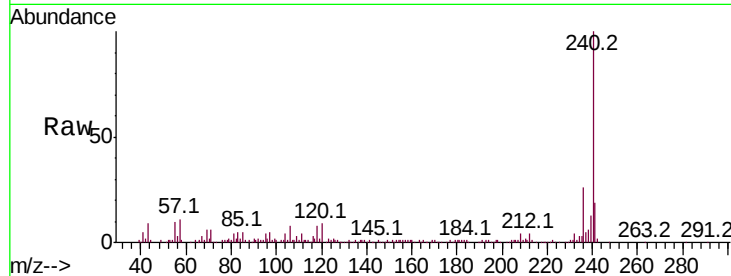
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	8.2	12.2
236	25.6	20.2	30.4

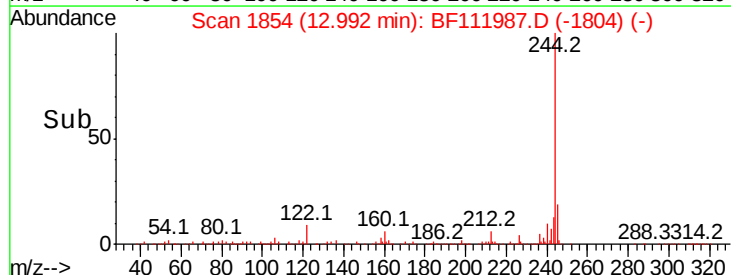
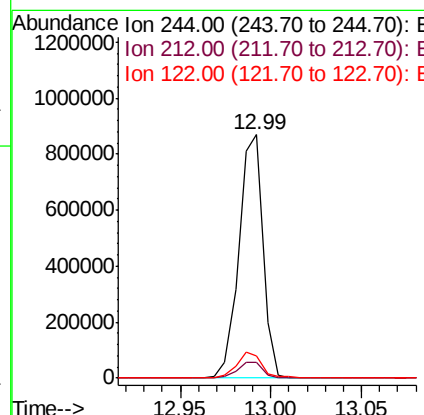
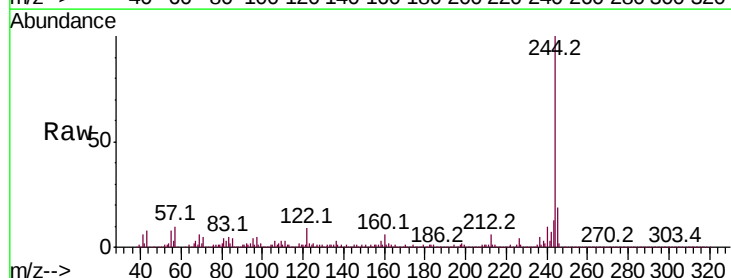
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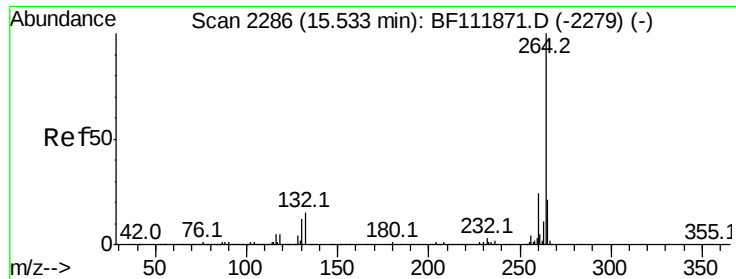
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#79
 Terphenyl-d14
 Concen: 118.541 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.0	9.5	14.3#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:	264	Resp:	139380
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	21.1	17.1	25.7

Manual Integrations
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