

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111242.D
 Acq On : 10 Dec 2018 15:07
 Operator : JU/SJ
 Sample : J6269-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:29 AM

Quant Time: Dec 10 18:05:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	573357	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2207181	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1059626	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1761607	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1013304	20.00	ng	0.00
87) Perylene-d12	15.39	264	932965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3575235	98.46	ng	0.02
7) Phenol-d6	6.43	99	4414431	97.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	3158094	80.25	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1077876	114.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4862988	77.72	ng	0.00
79) Terphenyl-d14	12.91	244	4118654	97.49	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	2066748	21.455	ng	99
37) 2-Methylnaphthalene	8.79	142	605294	9.464	ng	99
38) 1-Methylnaphthalene	8.89	142	381691m	6.094	ng	

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

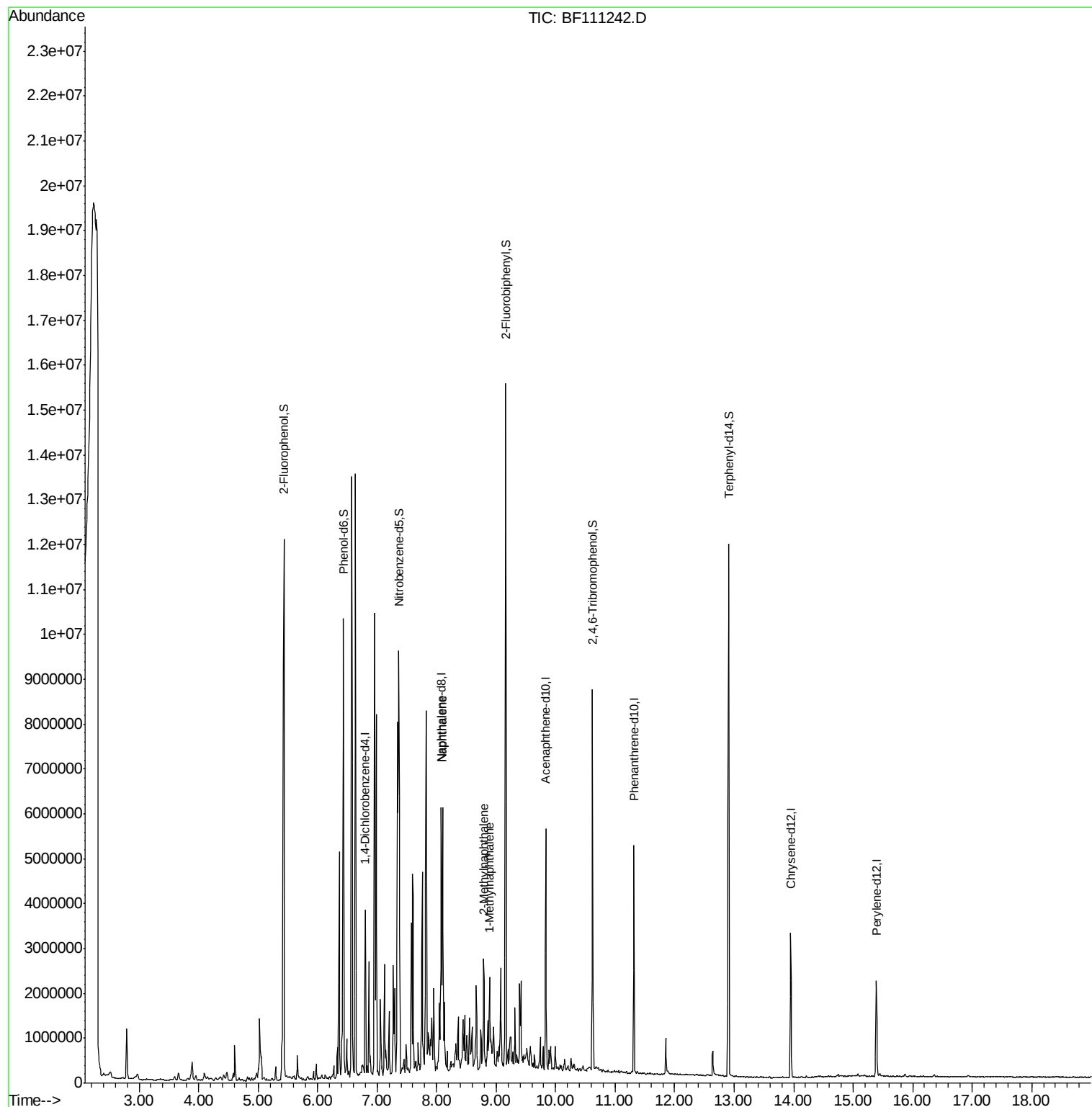
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111242.D
Acq On : 10 Dec 2018 15:07
Operator : JU/SJ
Sample : J6269-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

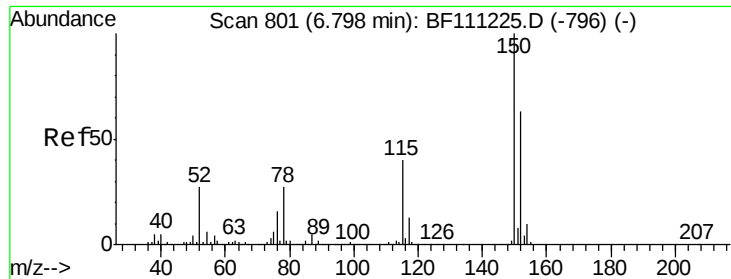
Instrument :
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Quant Time: Dec 10 18:05:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

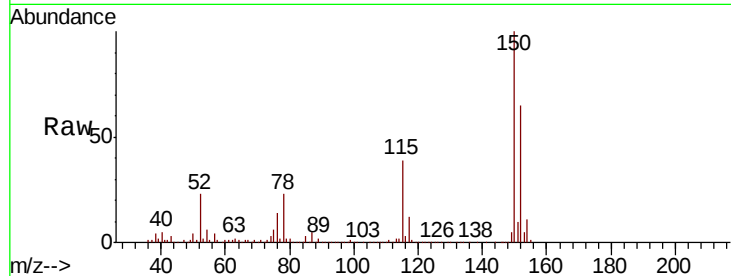
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	59.4	50.7	76.1

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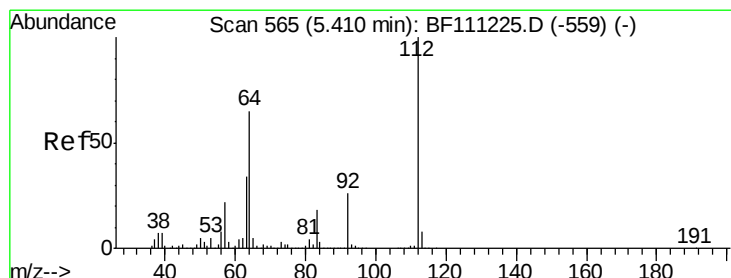
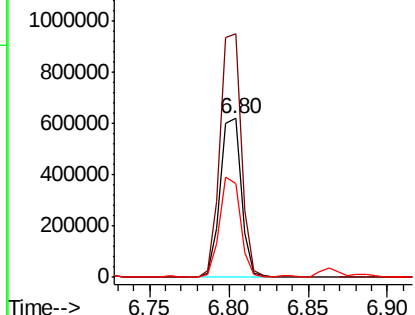
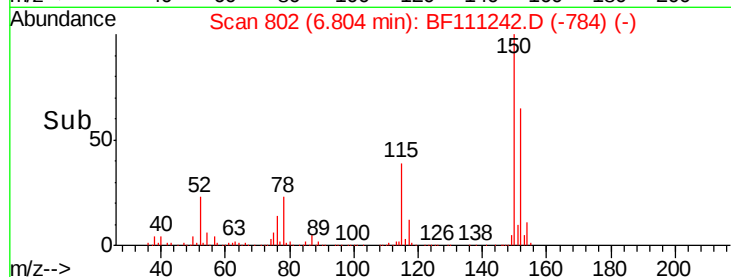


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

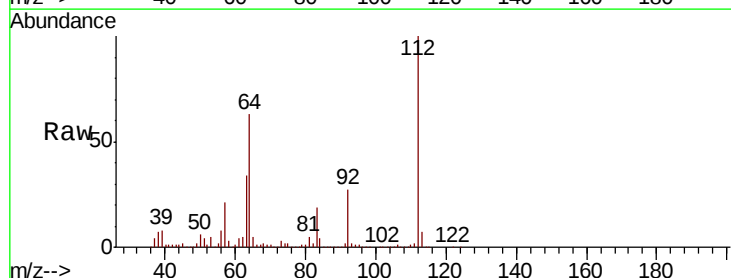
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.465 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.8	77.6
63	34.2	26.8	40.2

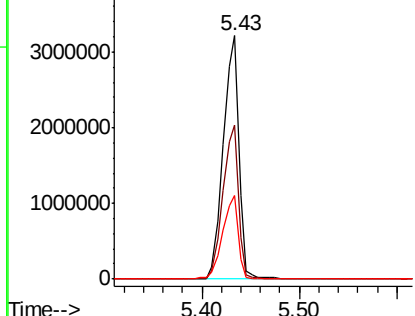
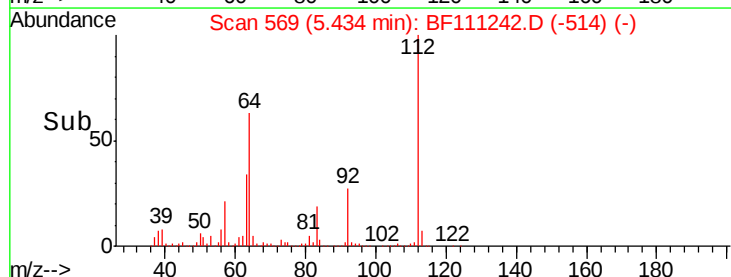


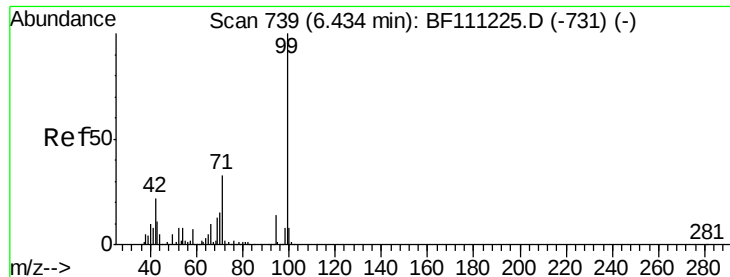
Abundance

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





#7

Phenol-d6

Concen: 97.829 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

Tot Ion: 99 Resp: 4414431

Ion Ratio Lower Upper

99 100

42 23.7 17.4 26.0

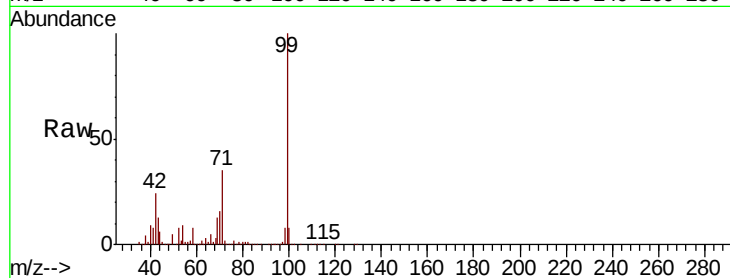
71 35.1 26.1 39.1

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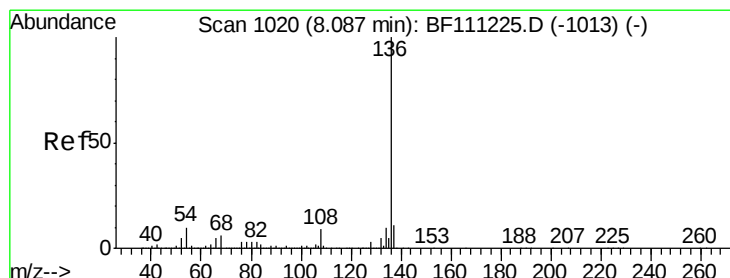
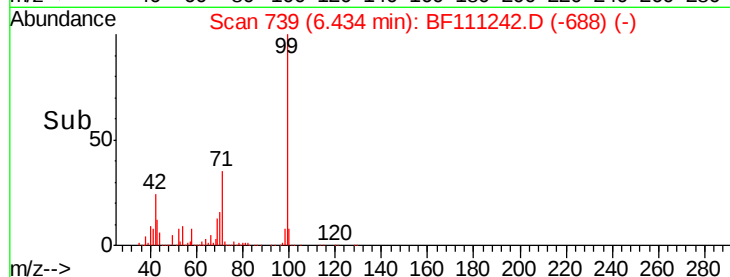
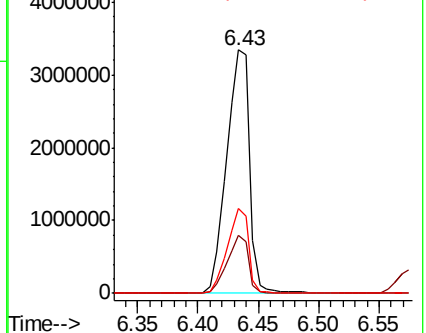
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111242.D

Acq: 10 Dec 2018 15:07

Tgt Ion: 136 Resp: 2207181

Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.3 7.7 11.5

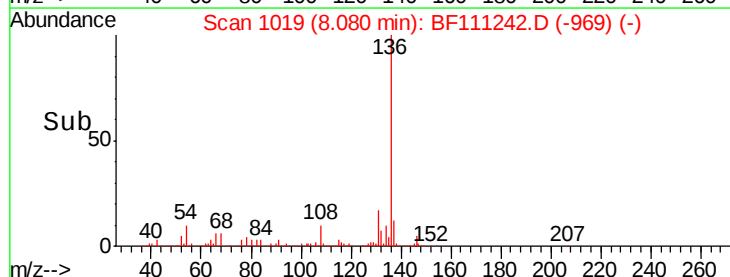
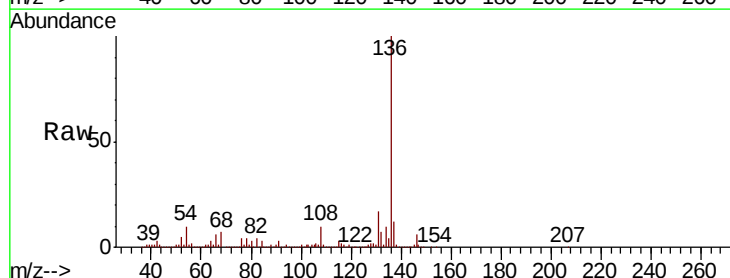
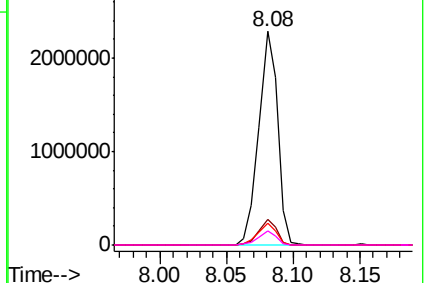
68 6.6 4.9 7.3

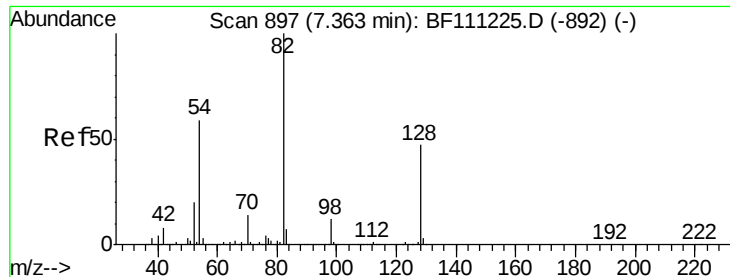
Abundance Ion 136.00 (135.70 to 136.70): E

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





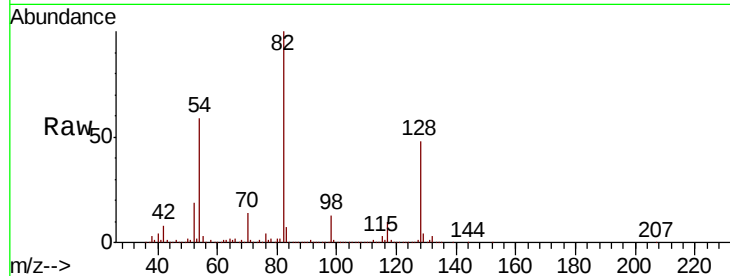
#23
Nitrobenzene-d5
Concen: 80.253 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

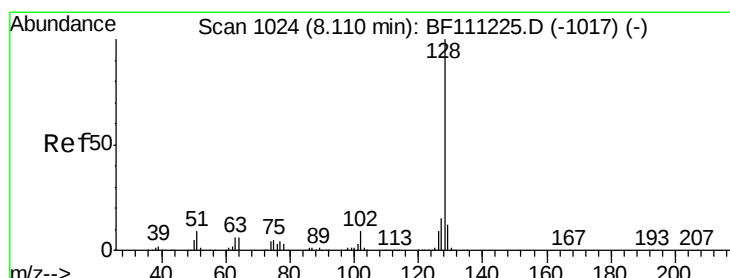
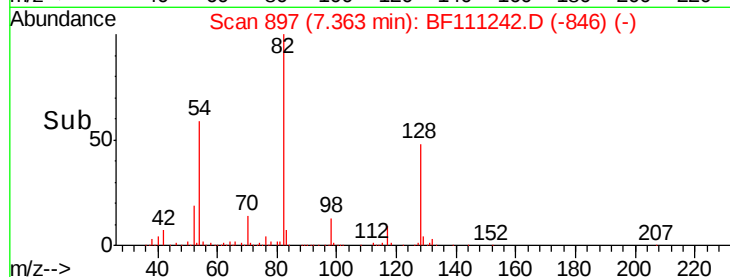
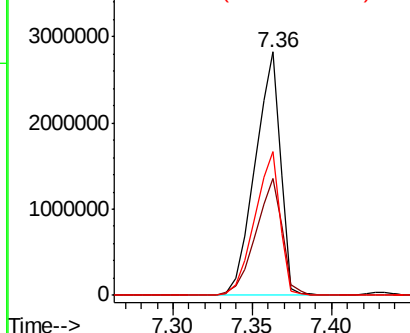
Tot Ion: 82 Resp: 3158094
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 59.1 47.6 71.4

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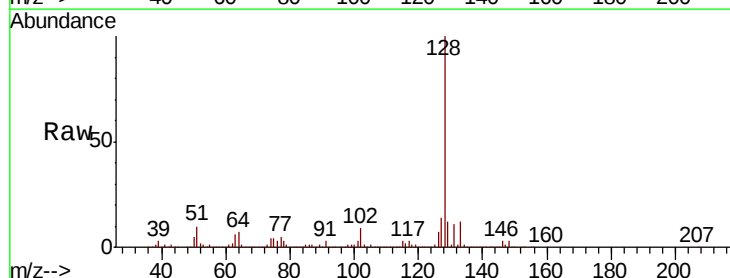


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

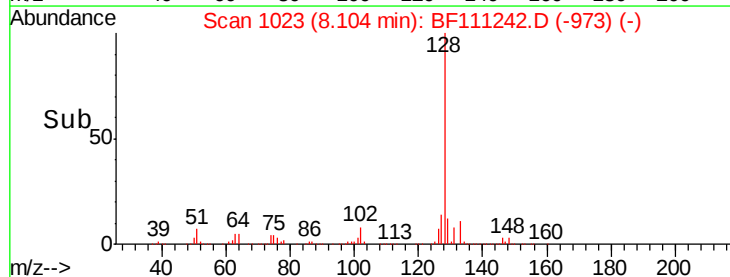
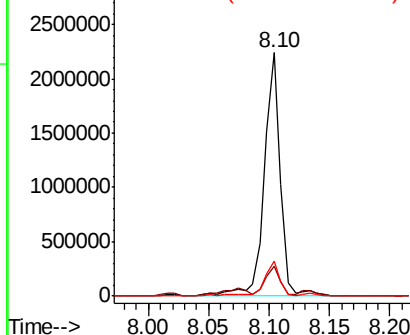


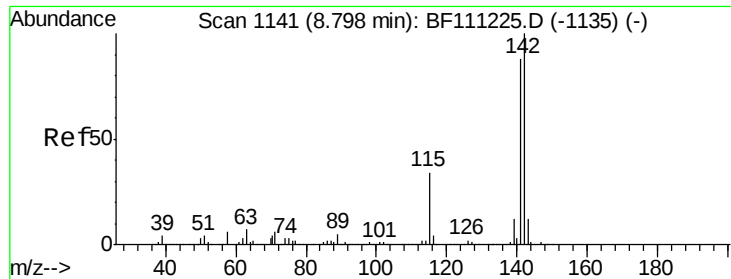
#31
Naphthalene
Concen: 21.455 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion:128 Resp: 2066748
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.8
127 14.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





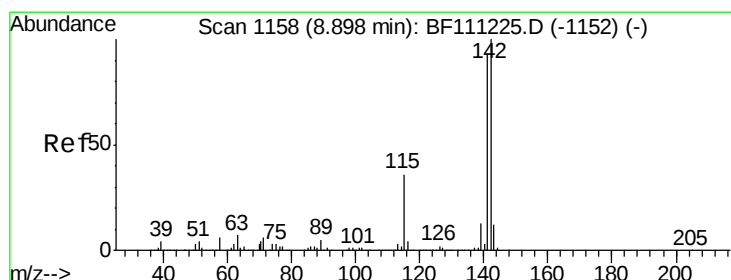
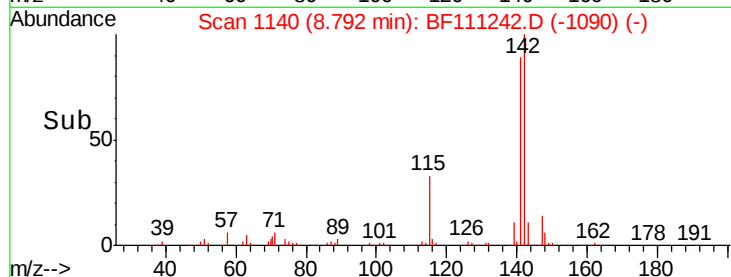
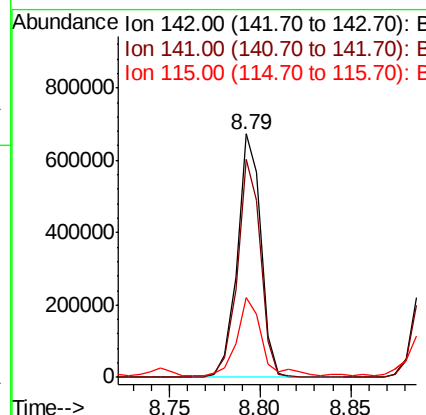
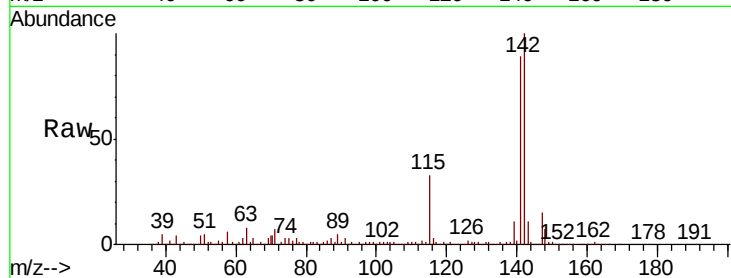
#37
2-Methylnaphthalene
Concen: 9.464 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	105.8
115	33.0	27.0	40.6

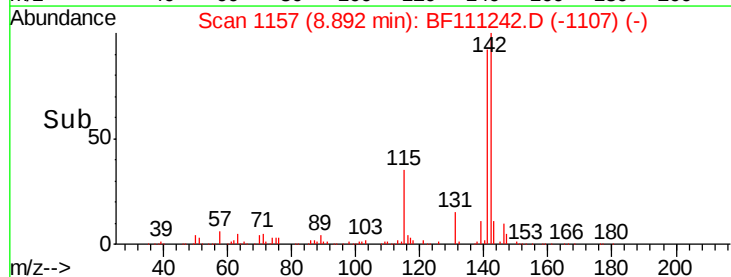
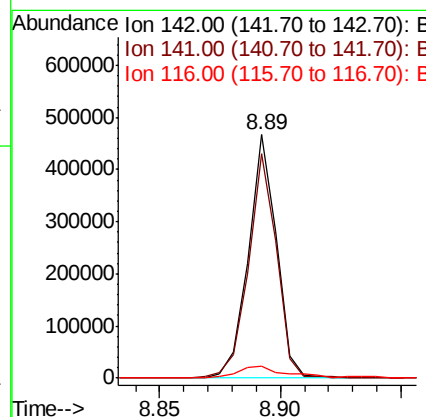
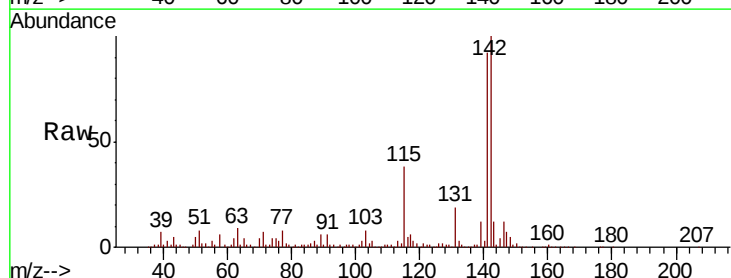
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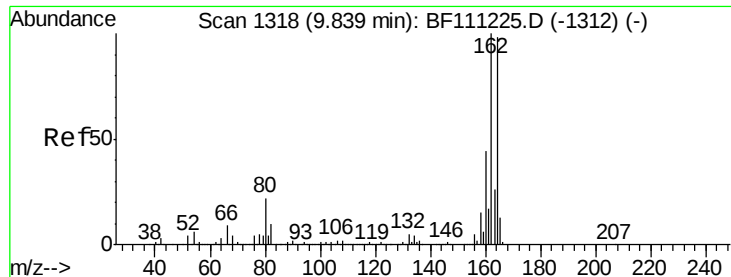
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#38
1-Methylnaphthalene
Concen: 6.094 ng m
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	4.8	2.9	4.3#





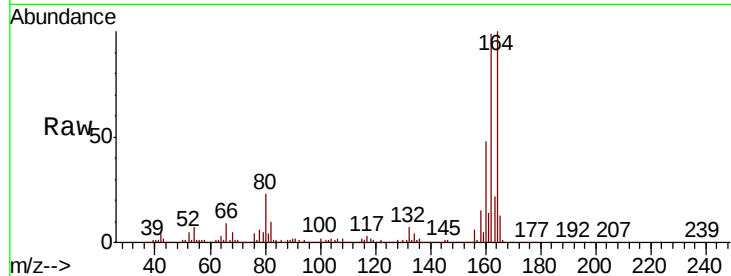
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	48.2	35.7	53.5

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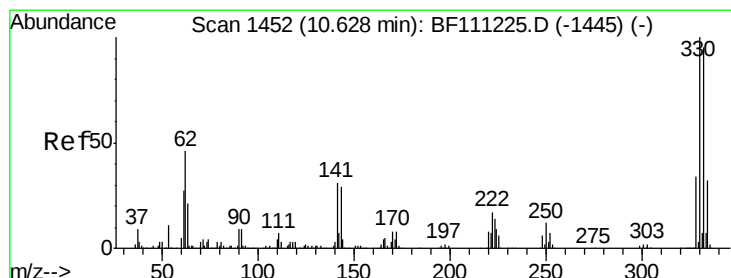
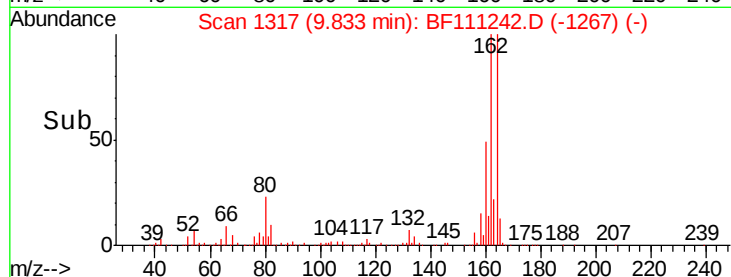
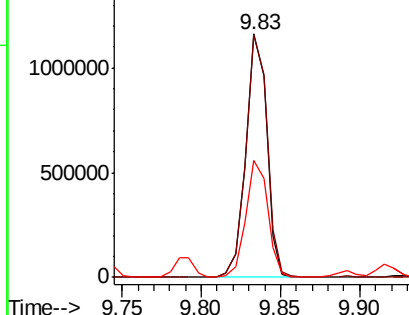


Abundance

Ion 164.00 (163.70 to 164.70): E

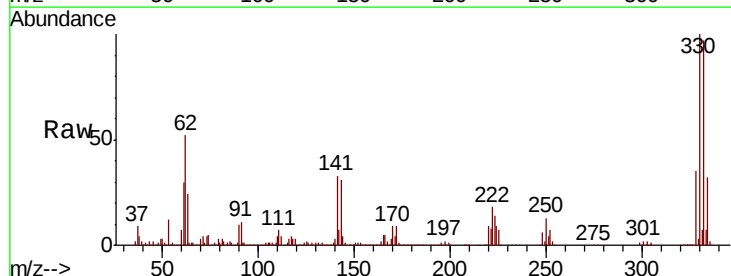
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 114.835 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	38.6	31.0	46.6

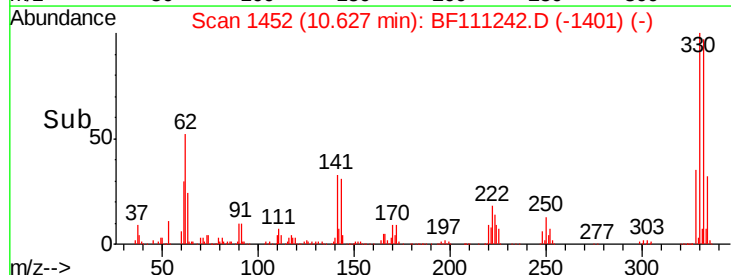
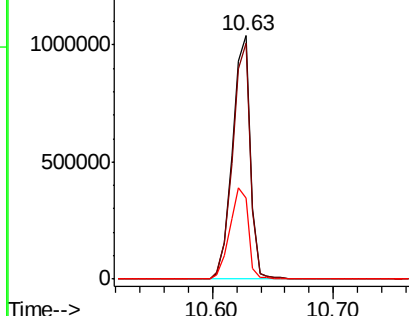


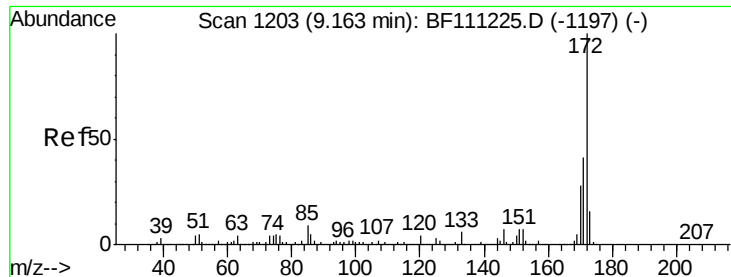
Abundance

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





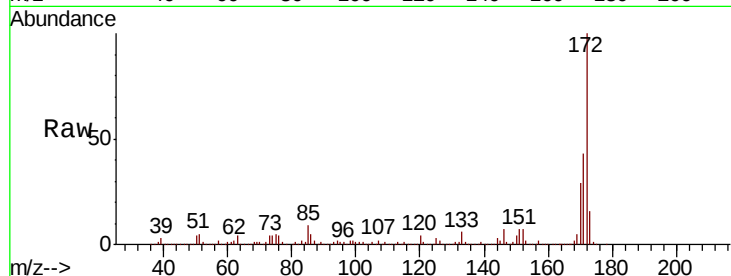
#45
2-Fluorobiphenyl
Concen: 77.724 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

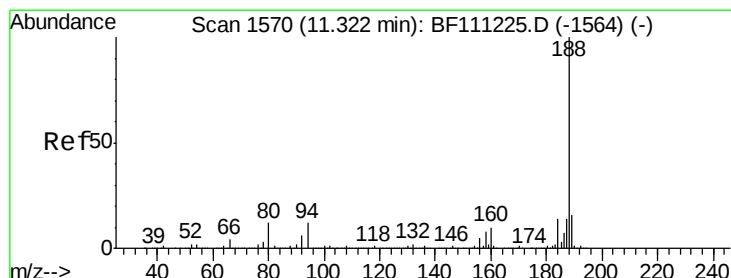
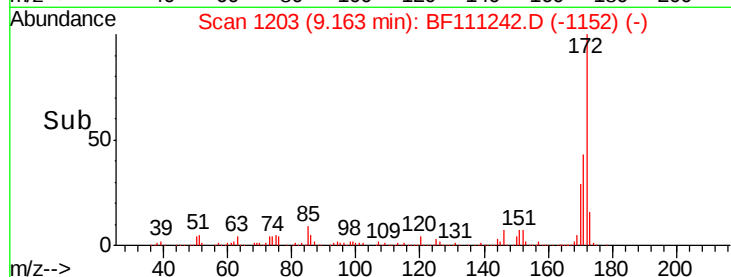
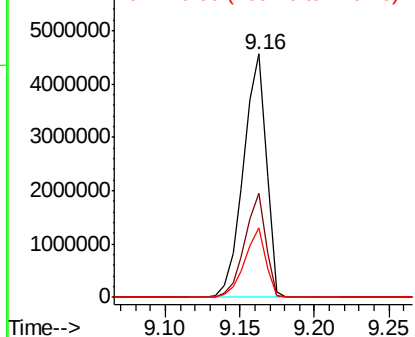
Tot Ion:172 Resp: 4862988
Ion Ratio Lower Upper
172 100
171 42.7 33.0 49.4
170 28.8 22.3 33.5

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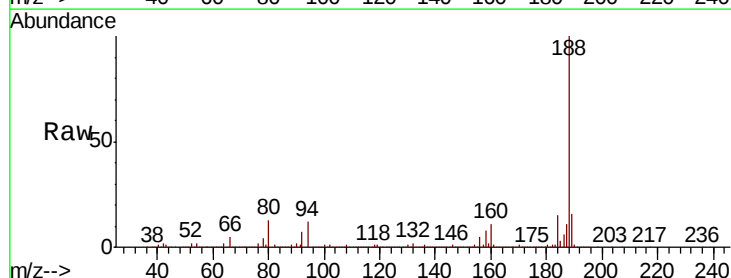


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

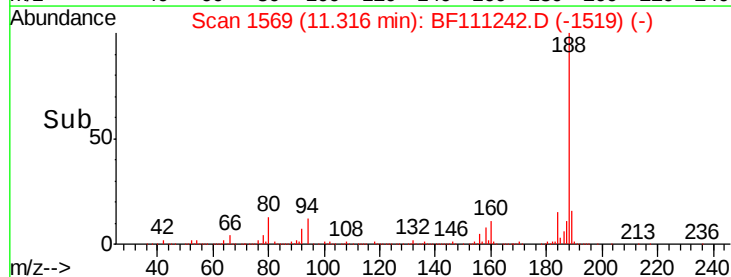
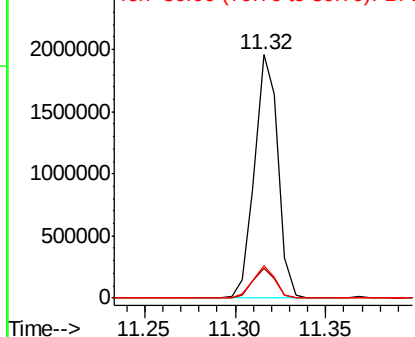


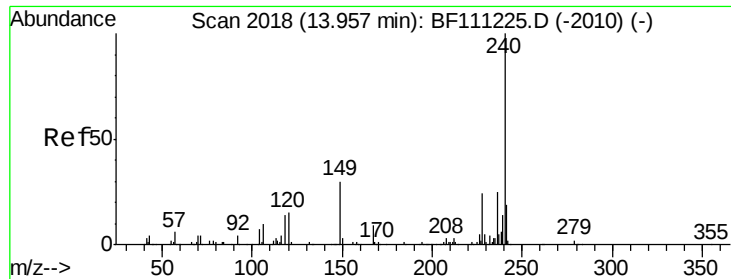
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion:188 Resp: 1761607
Ion Ratio Lower Upper
188 100
94 12.4 9.6 14.4
80 13.2 9.8 14.6



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





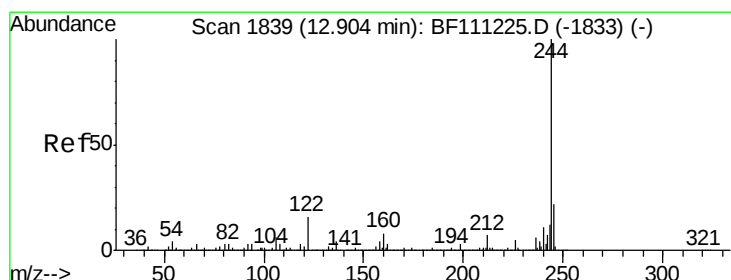
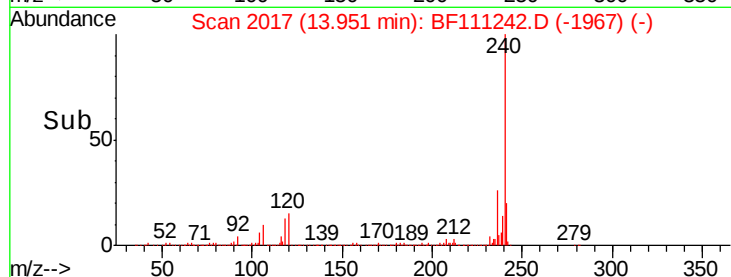
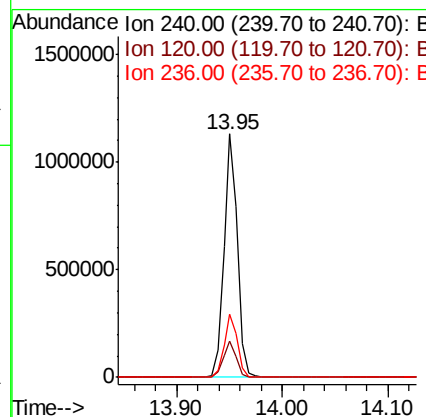
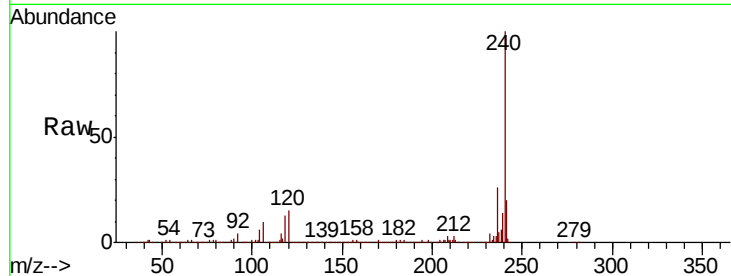
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	12.2	18.2
236	25.8	20.2	30.2

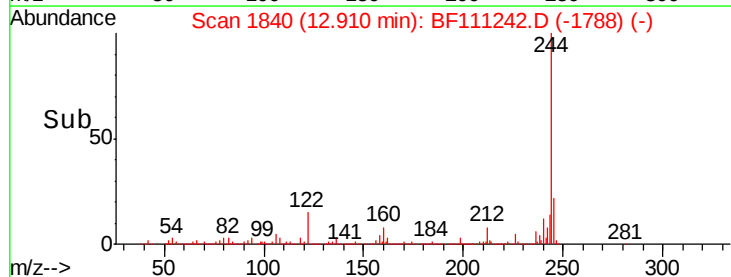
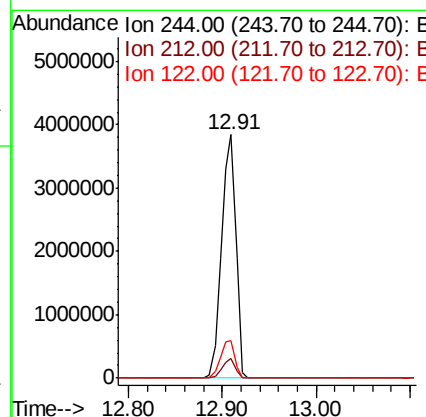
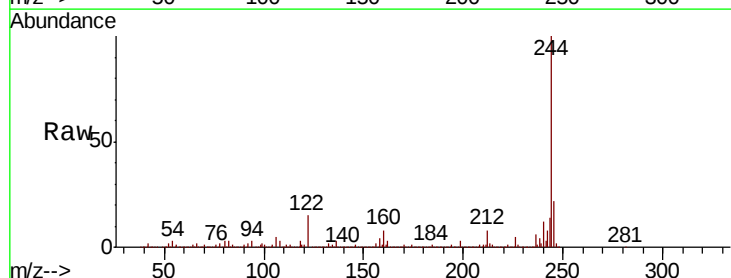
Manual Integrations
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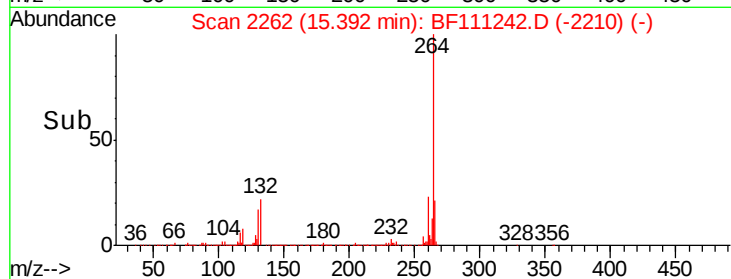
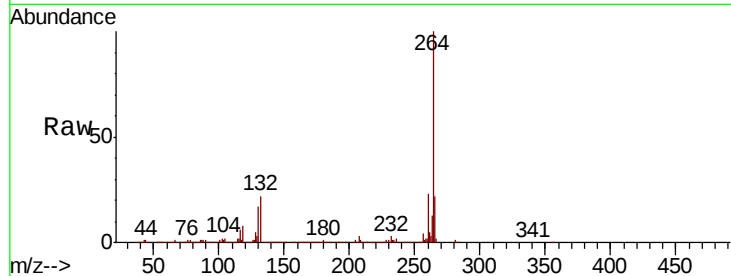
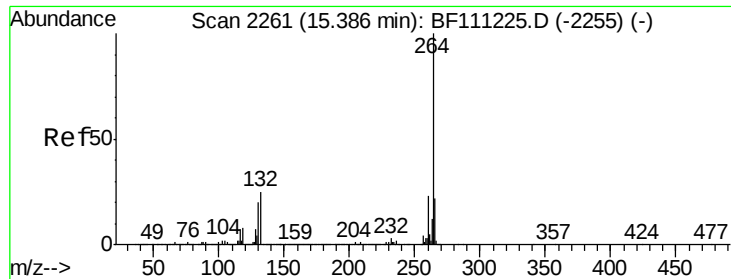
Sohil
12/11/2018 8:42:29 AM



#79
Terphenyl-d14
Concen: 97.495 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111242.D
Acq: 10 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	15.5	13.1	19.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111242.D
 Acq: 10 Dec 2018 15:07

Tot Ion:	264	Resp:	932965
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.3	27.5
265	21.5	17.7	26.5

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:29 AM

