

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111063.D
 Acq On : 28 Nov 2018 23:24
 Operator : JU/SJ
 Sample : J6064-01DL 40X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOILDL

Manual Integrations
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mohammad
 11/29/2018 1:58:51 PM

Quant Time: Nov 29 03:58:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56320	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	212301	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86494	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	131289	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124695	20.00	ng	0.00
87) Perylene-d12	15.66	264	93064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1198	0.35	ng	-0.04
7) Phenol-d6	6.56	99	412	0.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	4985	1.34	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	1431	1.67	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	11502	1.93	ng	0.00
79) Terphenyl-d14	13.05	244	9018	1.41	ng	0.00
Target Compounds						
22) Acetophenone	7.35	105	16341	3.284	ng	Qvalue # 91
31) Naphthalene	8.24	128	413310	41.532	ng	99
37) 2-Methylnaphthalene	8.93	142	153230	23.311	ng	99
38) 1-Methylnaphthalene	9.03	142	59235m	9.265	ng	

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

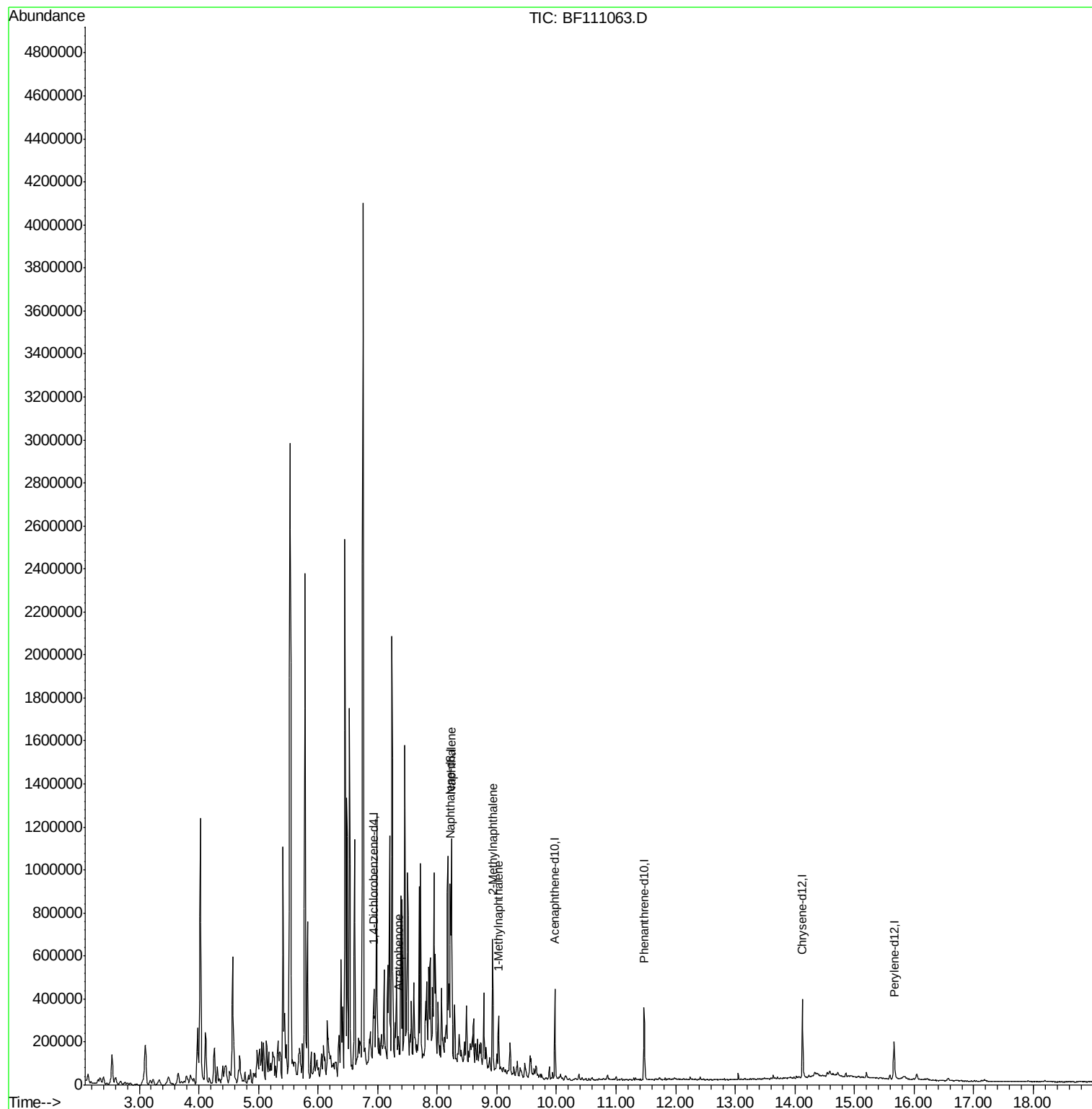
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111063.D
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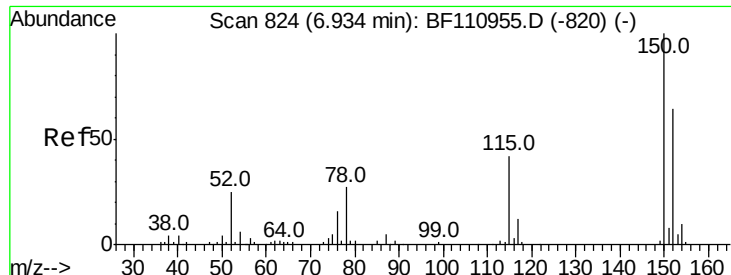
Instrument :
BNA_F
ClientSampleId :
OILY-SOILD

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#1

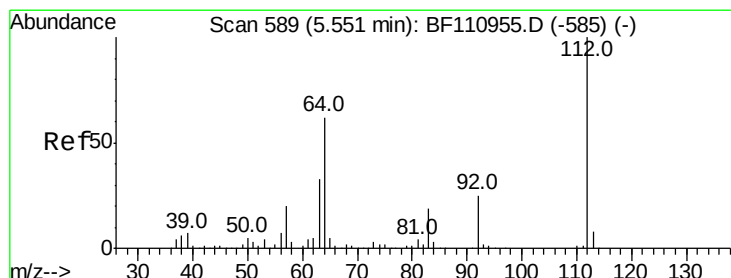
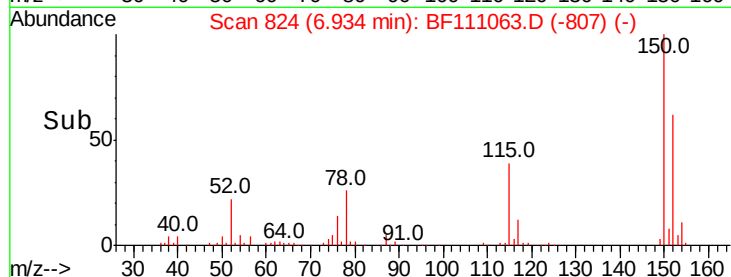
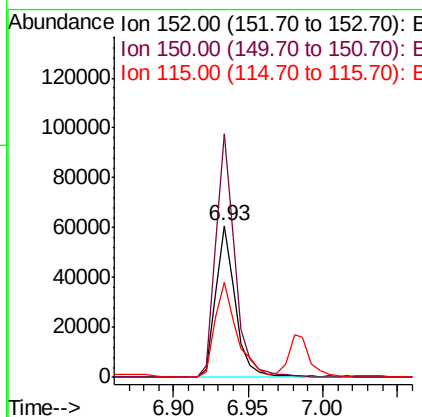
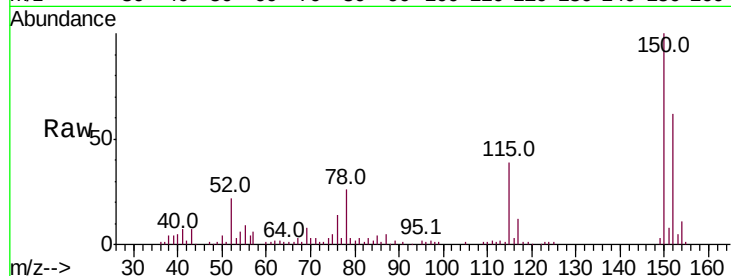
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
OILY-SOILD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.7	184.1
115	62.7	49.1	73.7

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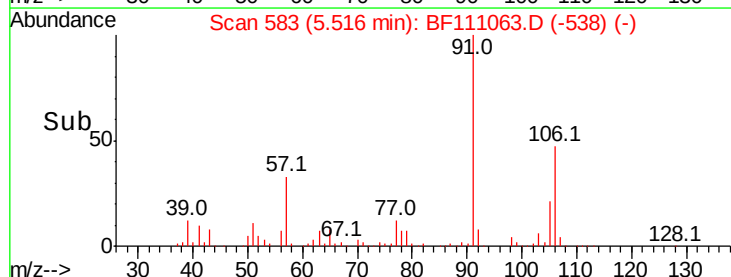
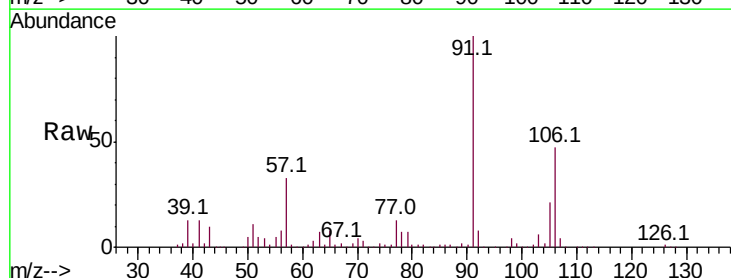
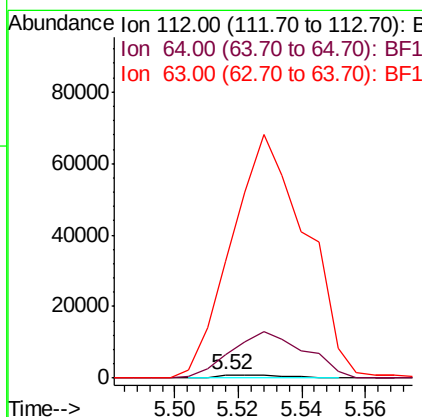
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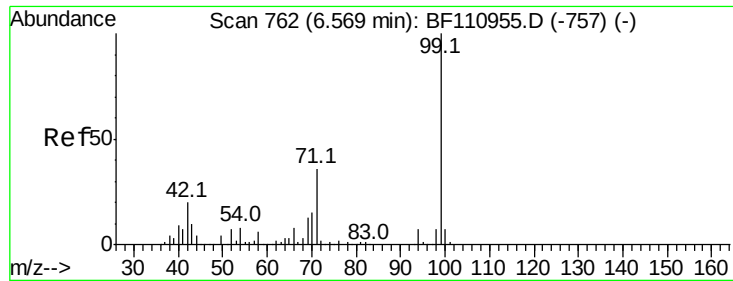


#5

2-Fluorophenol
Concen: 0.353 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.04 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	791.4	44.1	66.1#
63	3877.0	23.7	35.5#





#7

Phenol-d6

Concen: 0.093 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF111063.D

Acq: 28 Nov 2018 23:24

Instrument :

BNA_F

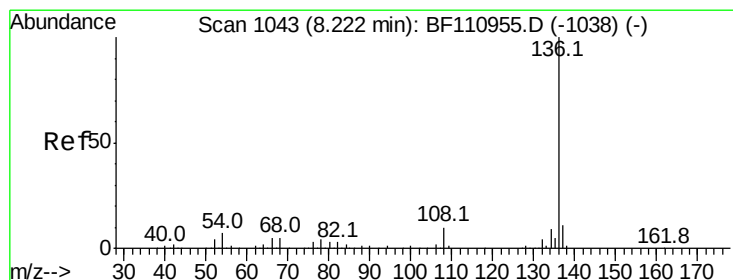
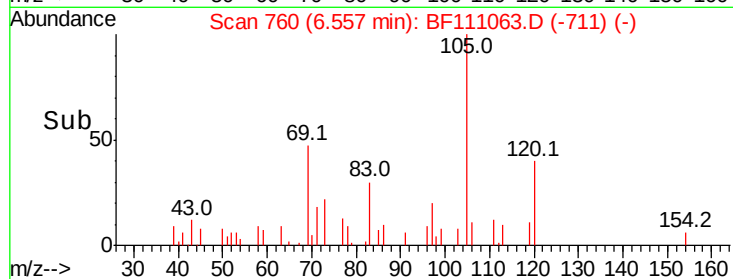
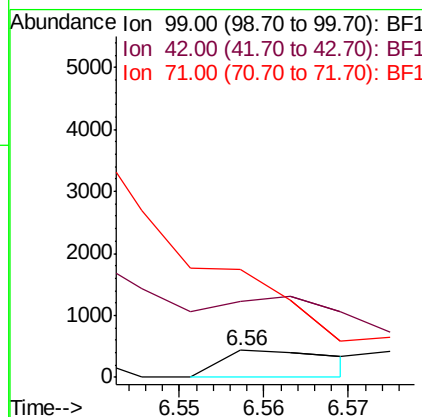
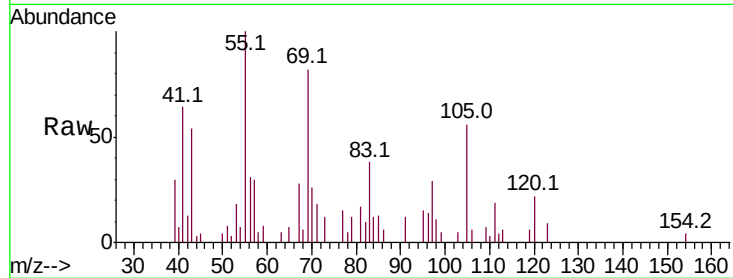
ClientSampled :

OILY-SOILDL

Tot Ion:	99	Resp:	412
Ion Ratio	Lower	Upper	
99	100		
42	283.1	15.8	23.6#
71	403.0	28.0	42.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

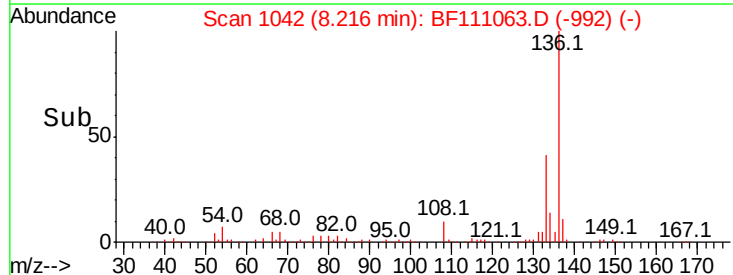
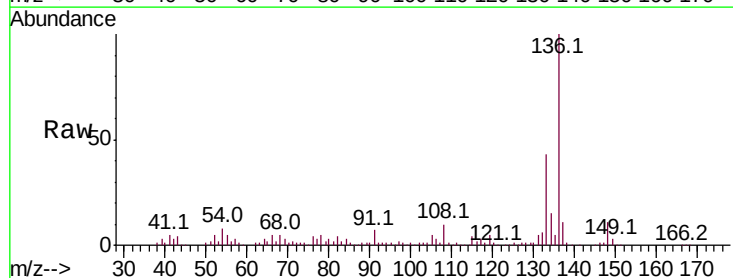
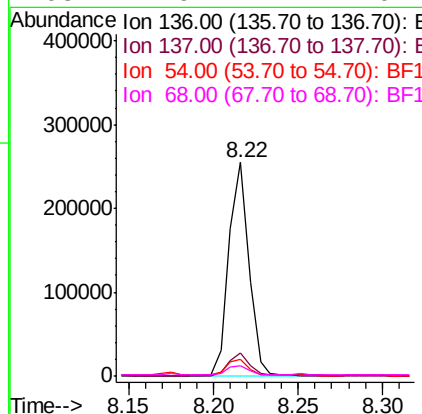
RT: 8.22 min Scan# 1042

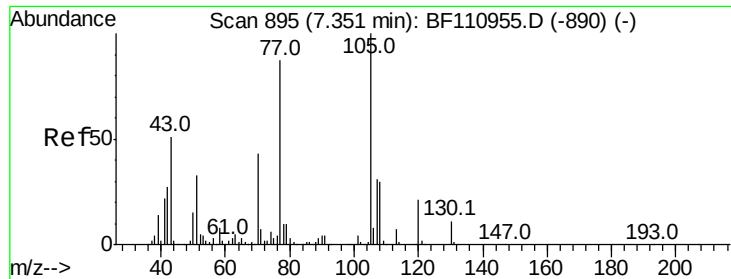
Delta R.T. -0.01 min

Lab File: BF111063.D

Acq: 28 Nov 2018 23:24

Tgt Ion:	136	Resp:	212301
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.8	5.4	8.2
68	4.9	4.2	6.2





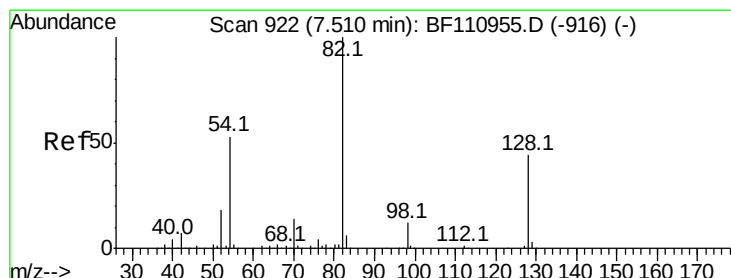
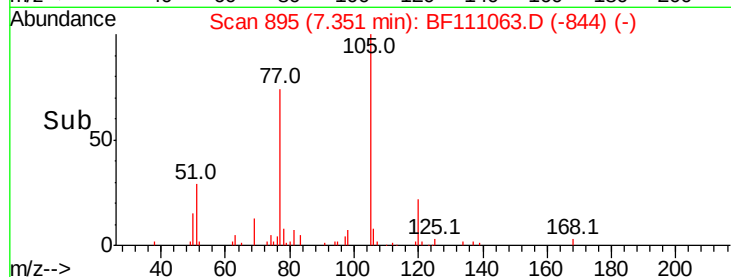
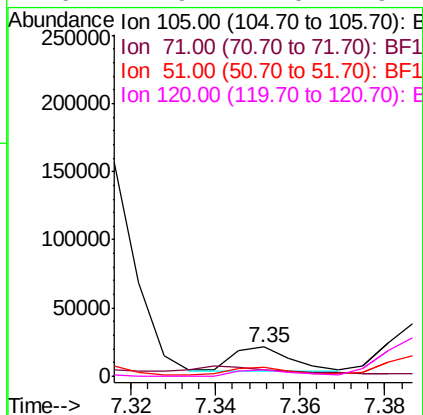
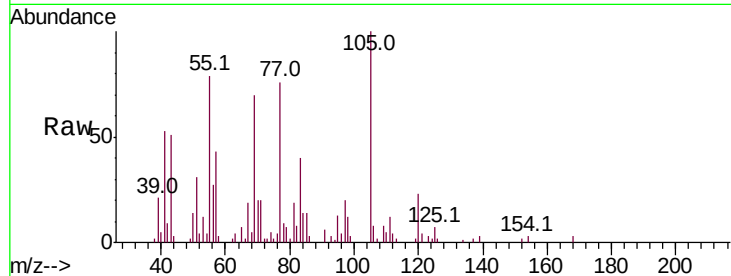
#22
Acetophenone
Concen: 3.284 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
OILY-SOILD

Tot Ion	Ratio	Lower	Upper
105	100		
71	20.1	5.2	7.8#
51	30.7	21.8	32.8
120	22.9	17.0	25.4

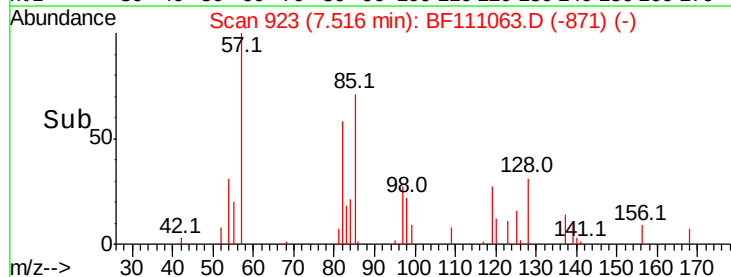
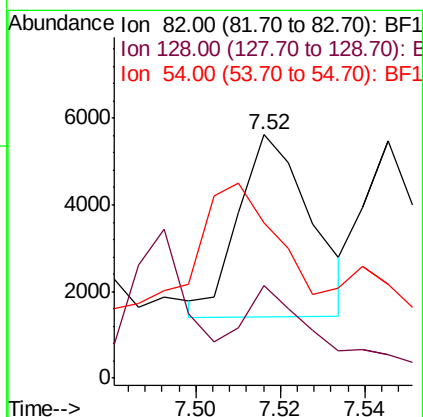
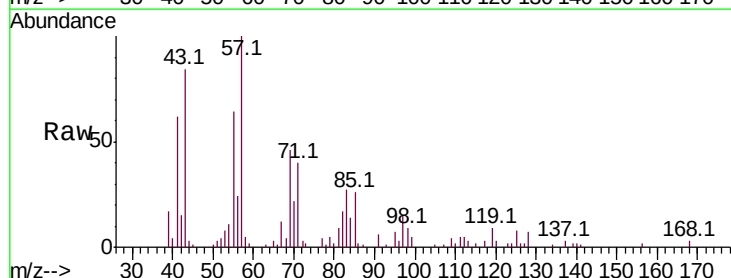
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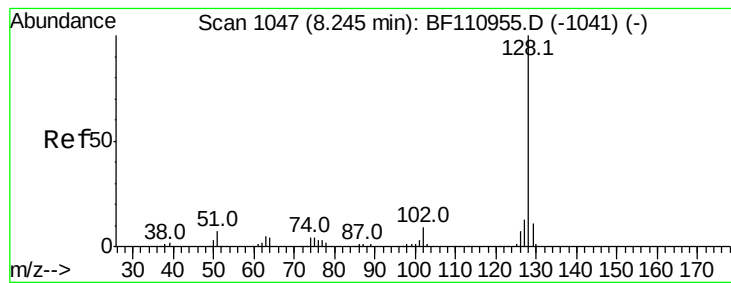
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#23
Nitrobenzene-d5
Concen: 1.344 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.2	51.2
54	63.8	38.6	58.0#





#31

Naphthalene

Concen: 41.532 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111063.D

Acq: 28 Nov 2018 23:24

Instrument :

BNA_F

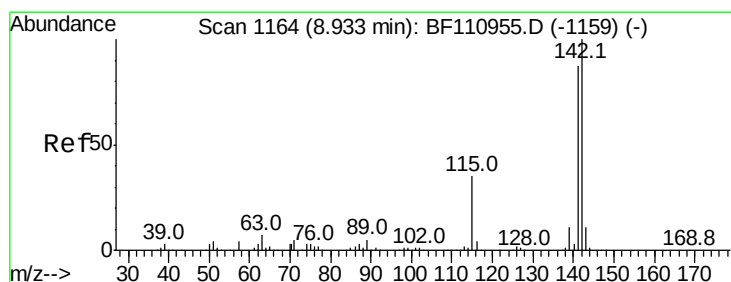
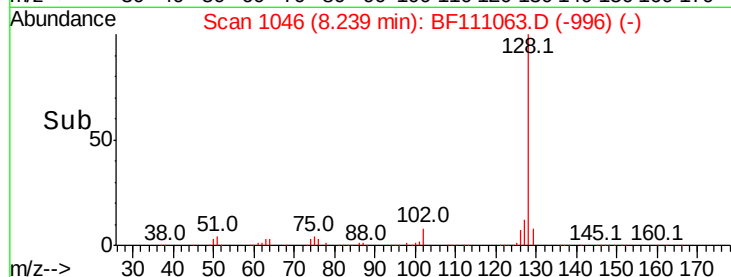
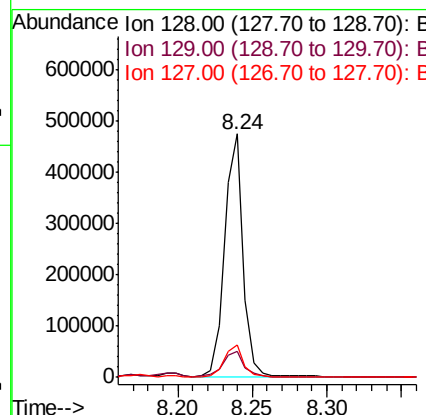
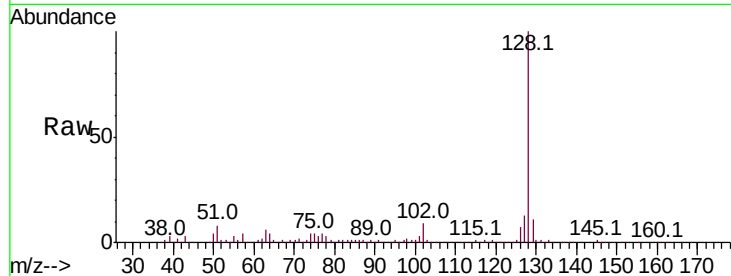
ClientSampleId :

OILY-SOILDL

Tot Ion:	128	Resp:	413310
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.2	10.8	16.2

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#37

2-Methylnaphthalene

Concen: 23.311 ng

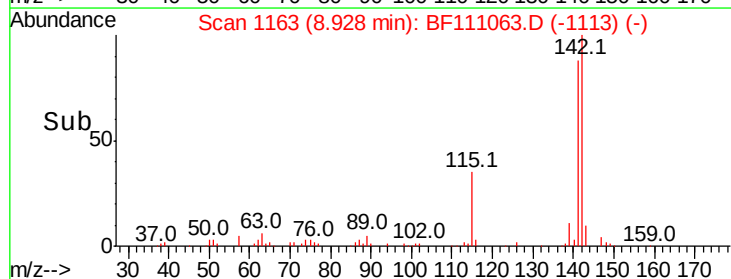
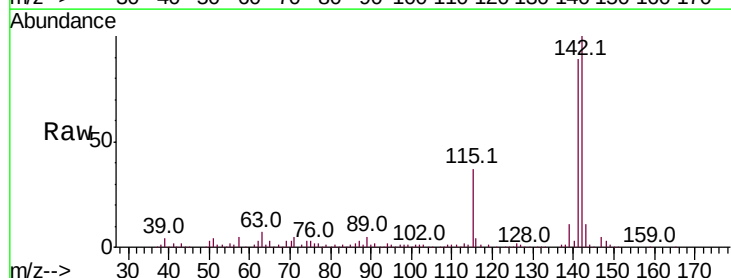
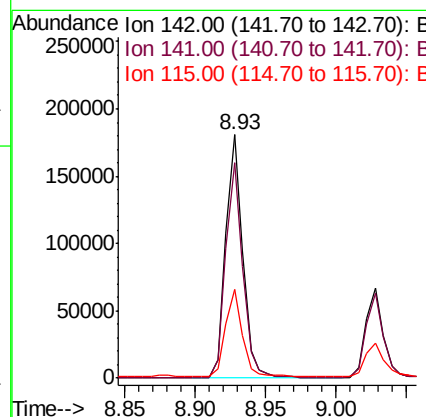
RT: 8.93 min Scan# 1163

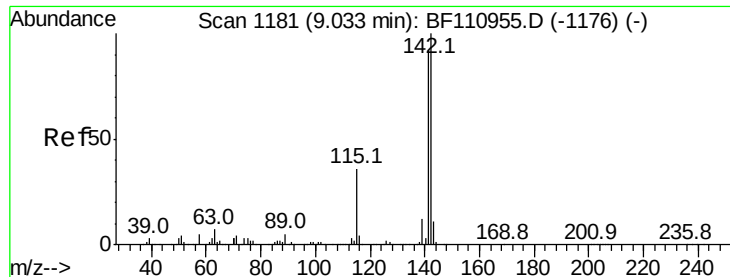
Delta R.T. -0.01 min

Lab File: BF111063.D

Acq: 28 Nov 2018 23:24

Tgt Ion:	142	Resp:	153230
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.4	107.2
115	36.7	28.7	43.1





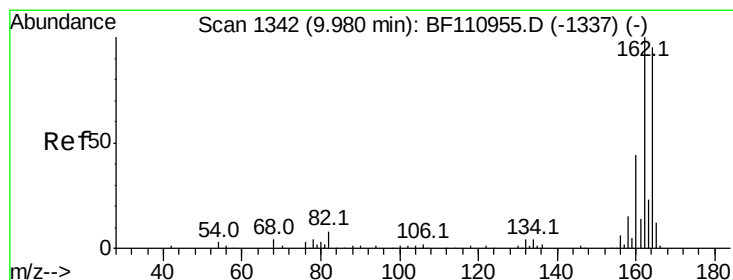
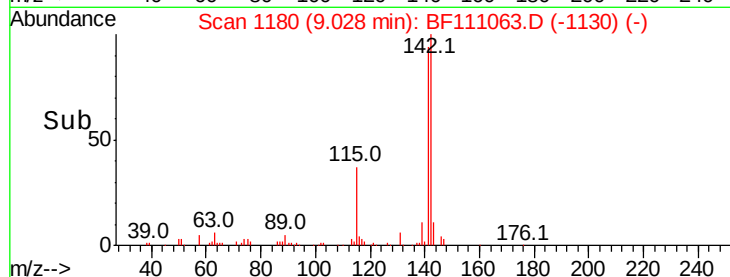
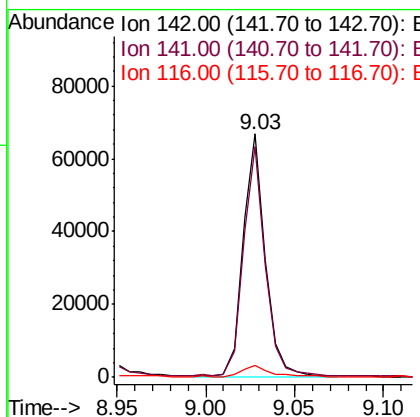
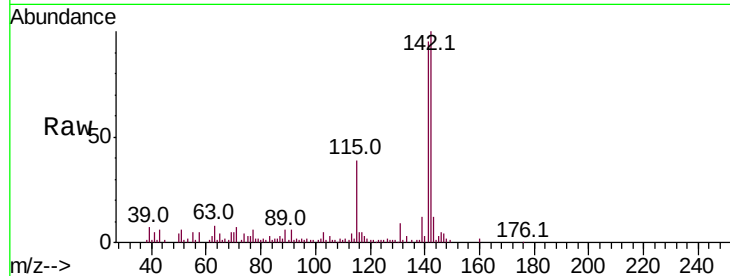
#38
1-Methylnaphthalene
Concen: 9.265 ng m
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
OILY-SOILD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.2	111.4
116	4.7	2.6	4.0#

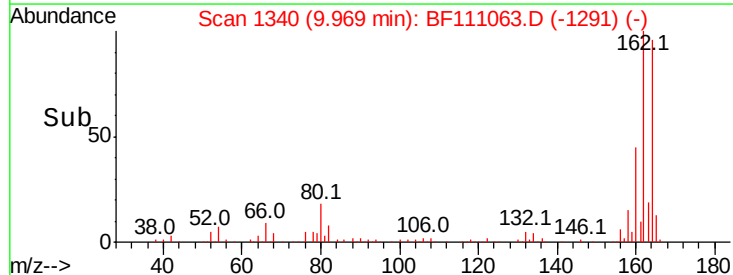
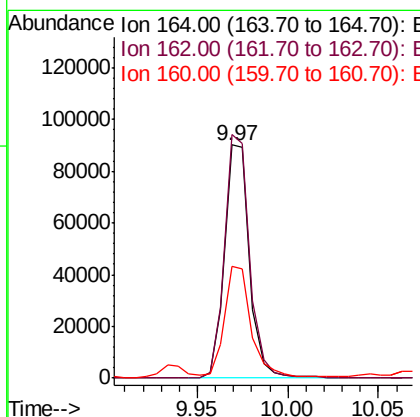
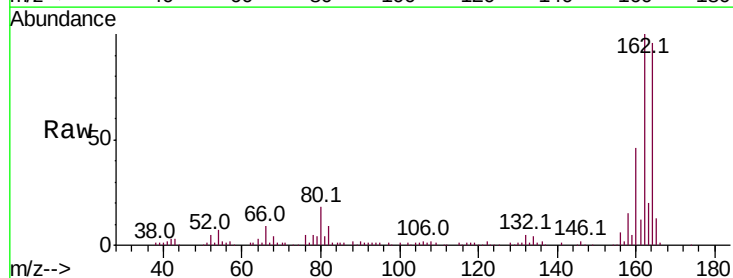
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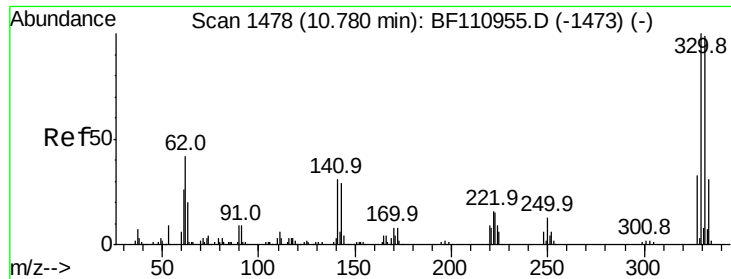
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	47.7	37.0	55.6





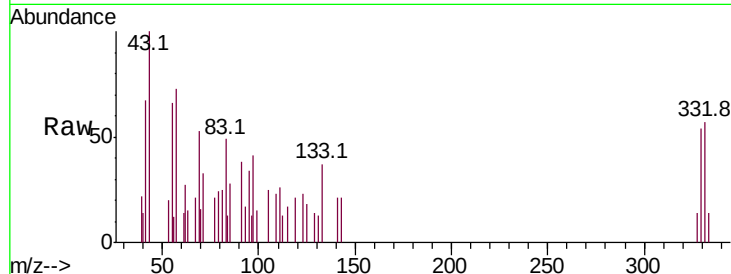
#42
 2,4,6-Tribromophenol
 Concen: 1.666 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF111063.D
 Acq: 28 Nov 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOILDL

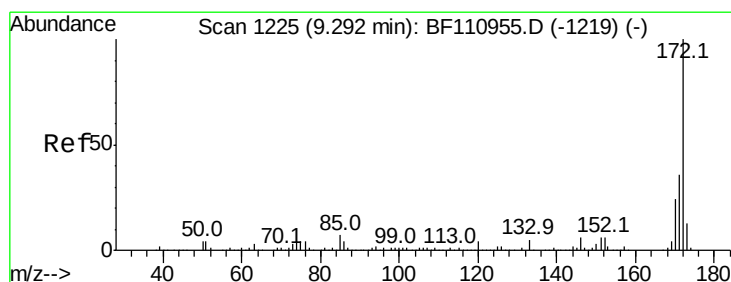
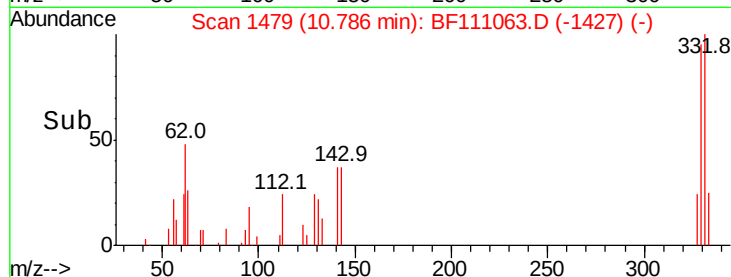
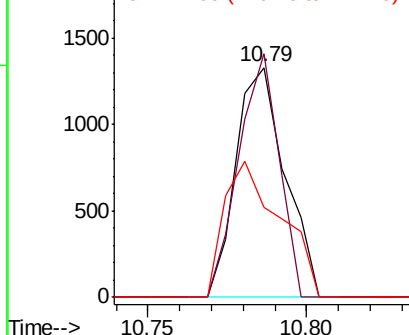
Tot Ion	Ratio	Lower	Upper
330	100		
332	86.7	77.1	115.7
141	67.4	27.0	40.4#

Manual Integrations
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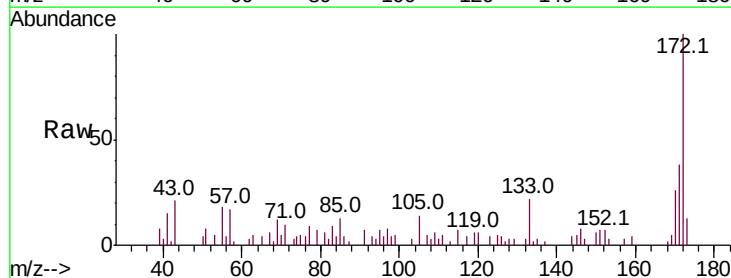


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

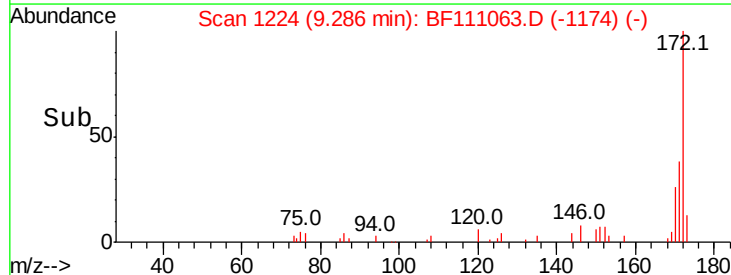
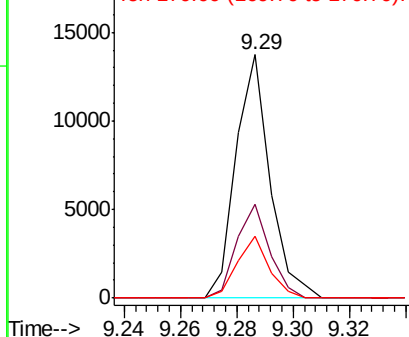


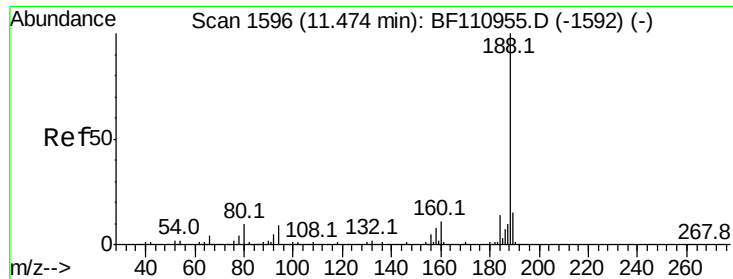
#45
 2-Fluorobiphenyl
 Concen: 1.927 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111063.D
 Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.6	43.0
170	25.7	19.7	29.5



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





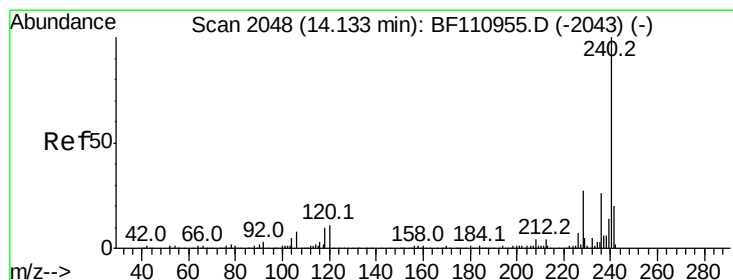
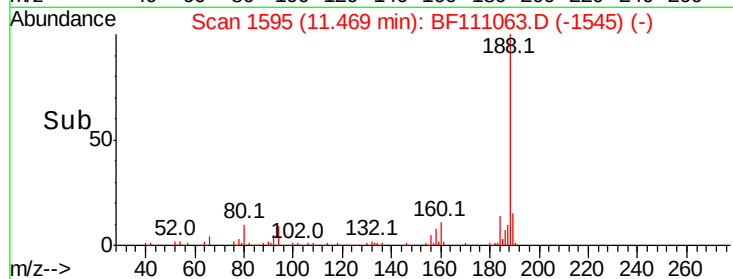
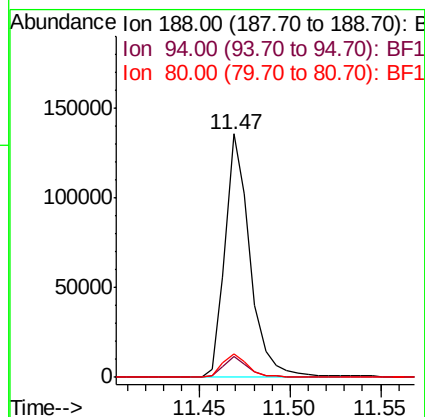
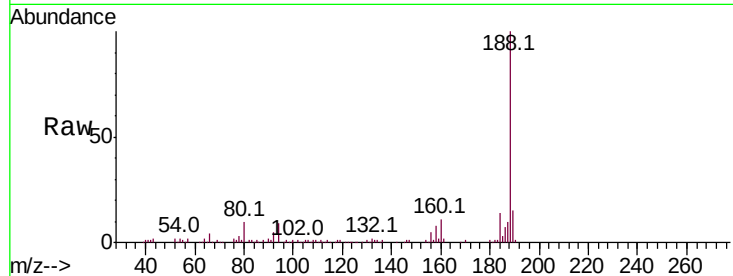
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
OILY-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	7.2	10.8	
80	9.7	7.9	11.9	

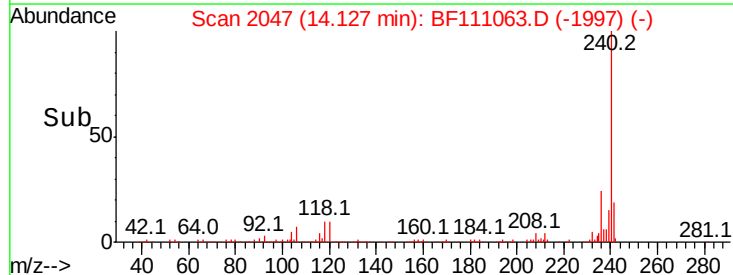
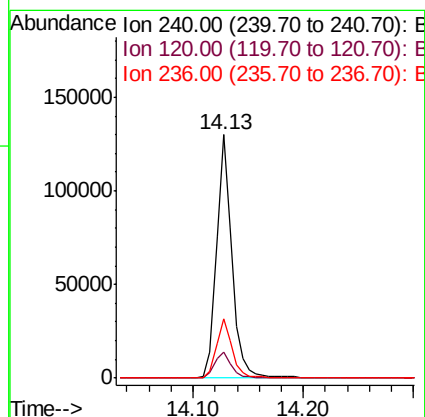
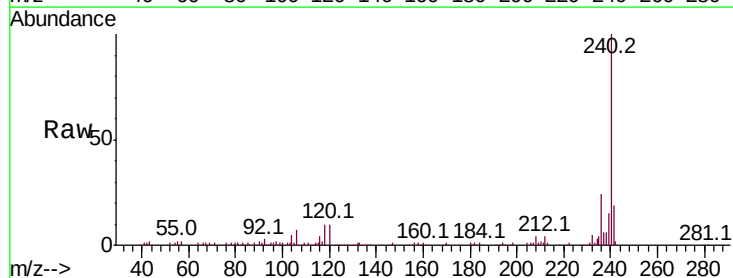
Manual Integrations
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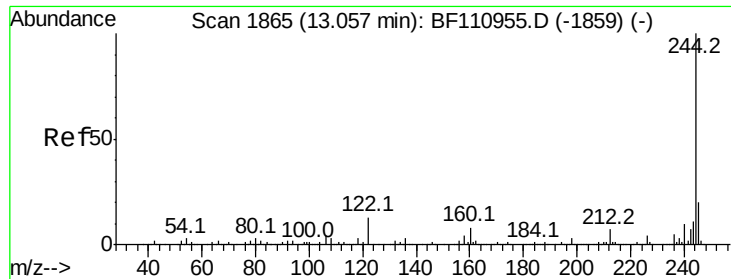
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111063.D
Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.5	8.3	12.5	
236	24.5	21.2	31.8	





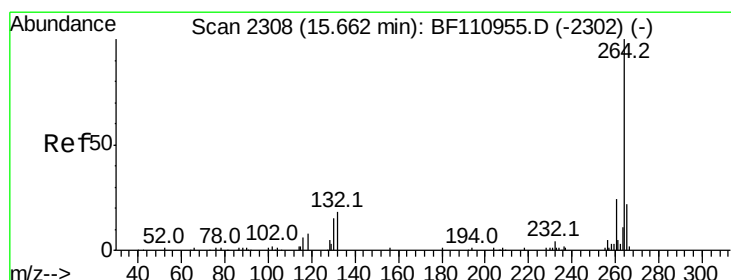
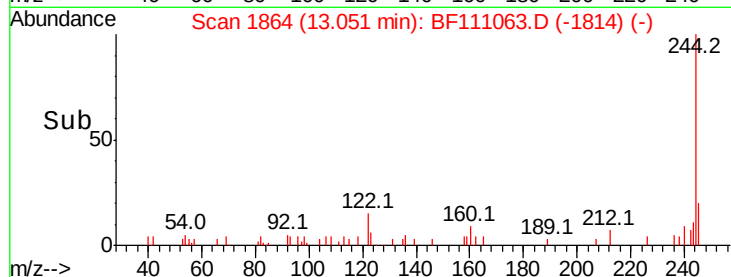
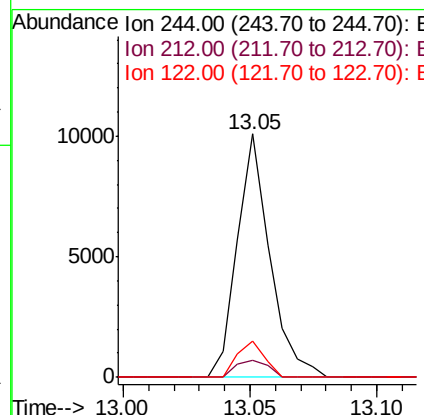
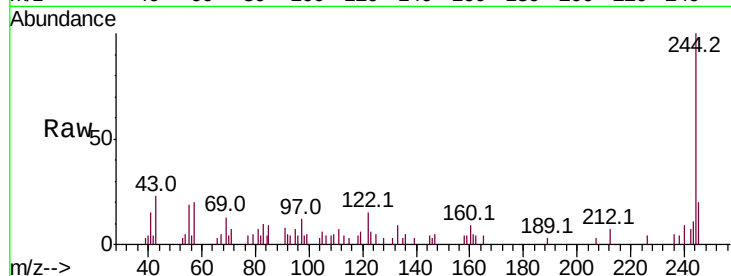
#79
 Terphenyl-d14
 Concen: 1.408 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111063.D
 Acq: 28 Nov 2018 23:24

Instrument :
 BNA_F
 ClientSampleID :
 OILY-SOILDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	15.0	8.7	13.1

Manual Integrations
 APPROVED

mohammad
 11/29/2018 1:58:51 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111063.D
 Acq: 28 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	16.7	25.1

