

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111064.D
 Acq On : 28 Nov 2018 23:52
 Operator : JU/SJ
 Sample : J6085-02 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-STONE

Manual Integrations
 APPROVED

mohammad
 11/29/2018 1:58:54 PM

Quant Time: Nov 29 04:02:49 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	6.95	152	4983	20.00	ng	0.01
21) Naphthalene-d8	8.23	136	21194	20.00	ng	0.01
39) Acenaphthene-d10	9.98	164	11392	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	13852	20.00	ng	0.00
76) Chrysene-d12	14.14	240	12051	20.00	ng	0.00
87) Perylene-d12	15.69	264	8671	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	24250m	80.70	ng	0.04
7) Phenol-d6	6.59	99	28728	73.36	ng	0.02
23) Nitrobenzene-d5	7.54	82	21301m	57.52	ng	0.03
42) 2,4,6-Tribromophenol	10.78	330	4492	39.70	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	43007	54.69	ng	0.00
79) Terphenyl-d14	13.05	244	33988	54.90	ng	0.00

Target Compounds Qvalue

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

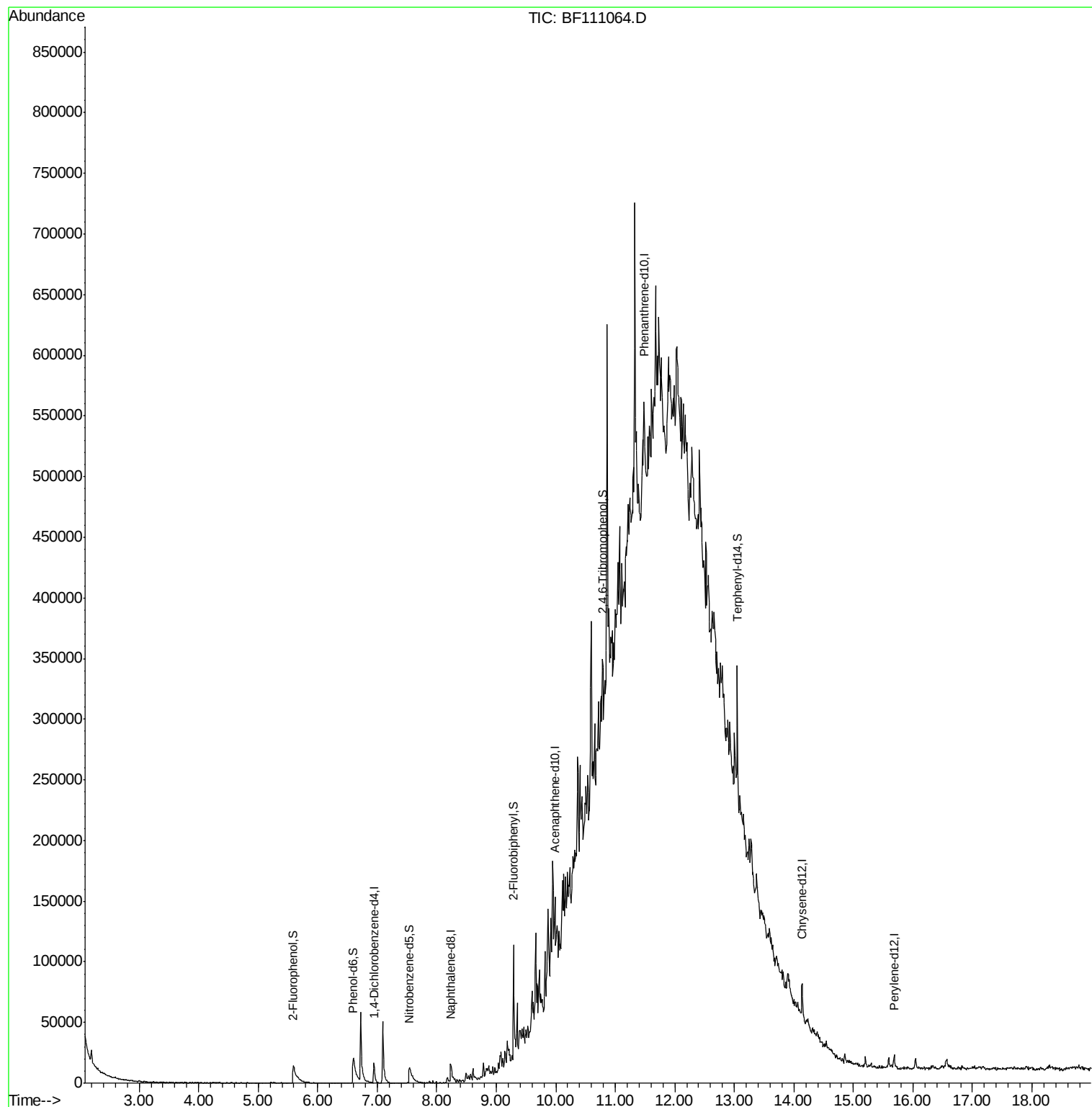
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111064.D
Acq On : 28 Nov 2018 23:52
Operator : JU/SJ
Sample : J6085-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

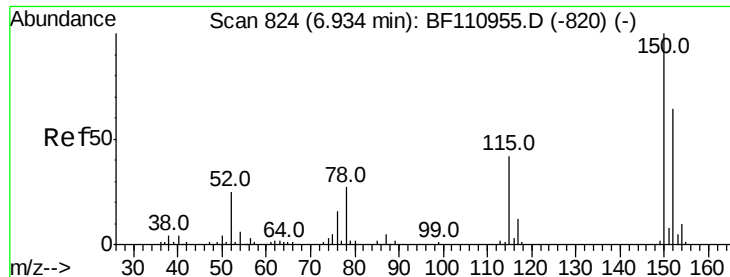
Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Manual Integrations
APPROVED

mohammad
11/29/2018 1:58:54 PM

Quant Time: Nov 29 04:02:49 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





#1

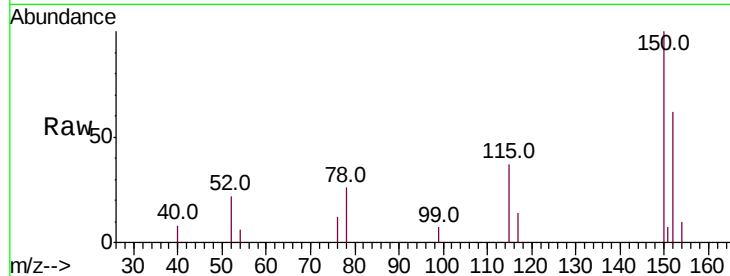
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.7	184.1
115	59.5	49.1	73.7

Manual Integrations
APPROVED

mohammad
11/29/2018 1:58:54 PM

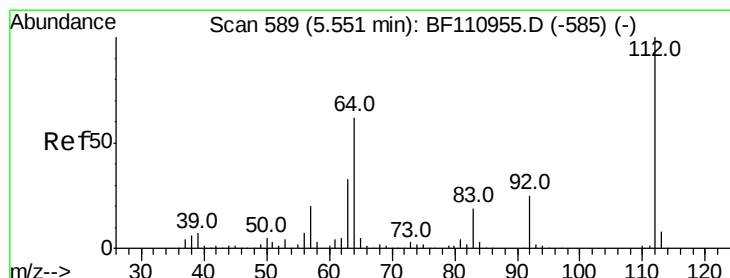
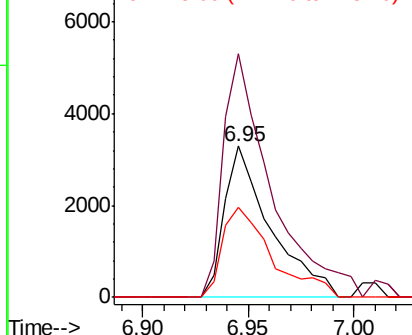
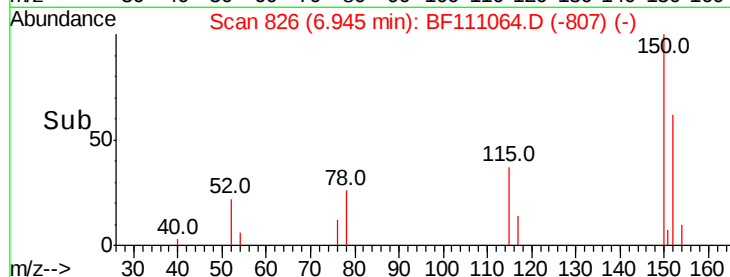


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

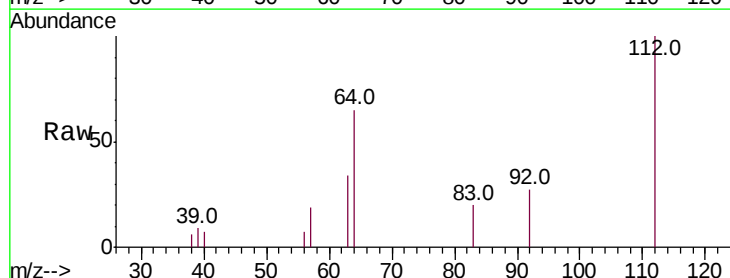
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.703 ng m
RT: 5.59 min Scan# 596
Delta R.T. 0.04 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	44.1	66.1
63	34.1	23.7	35.5

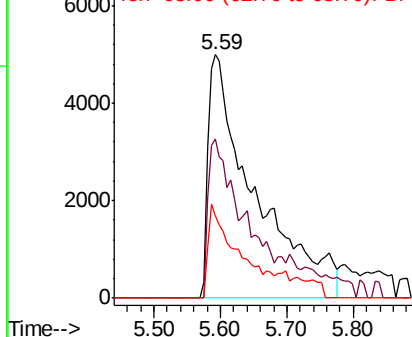
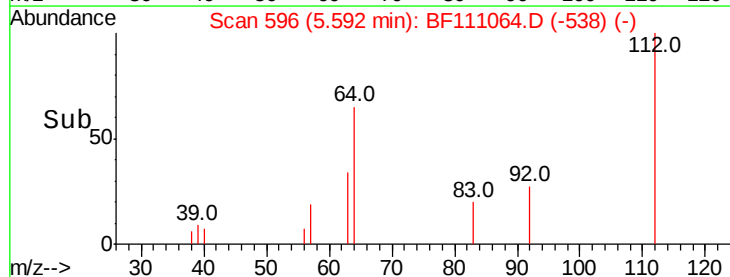


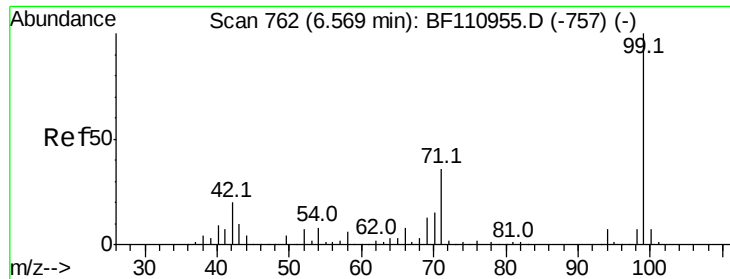
Abundance

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: 73.364 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF111064.D

Acq: 28 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

NS-OILY-STONE

Tot Ion: 99 Resp: 28728

Ion Ratio Lower Upper

99 100

42 21.9 15.8 23.6

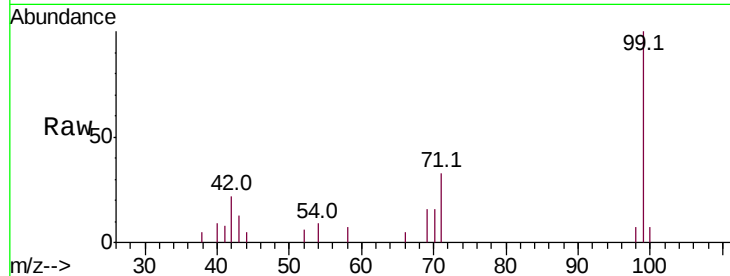
71 32.7 28.0 42.0

Manual Integrations

APPROVED

mohammad

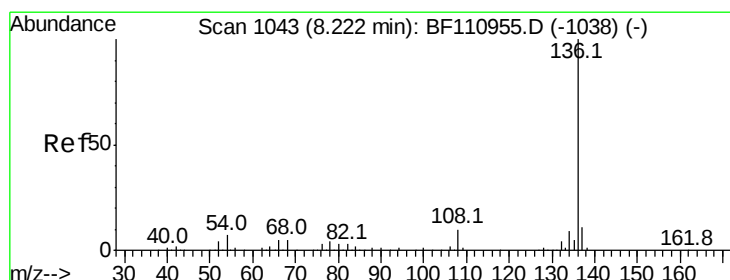
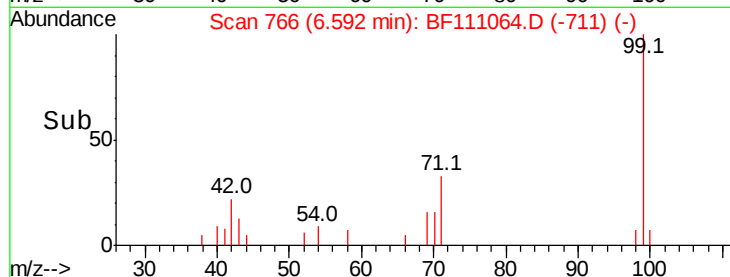
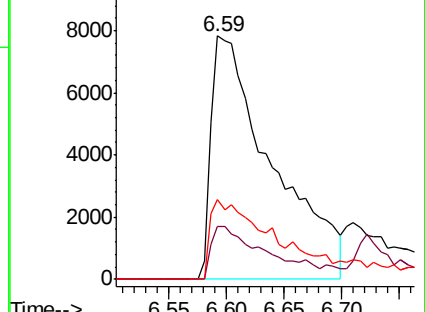
11/29/2018 1:58:54 PM



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: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF111064.D

Acq: 28 Nov 2018 23:52

Tgt Ion: 136 Resp: 21194

Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 9.2 5.4 8.2#

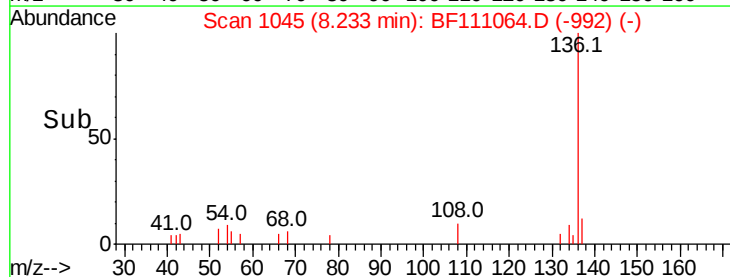
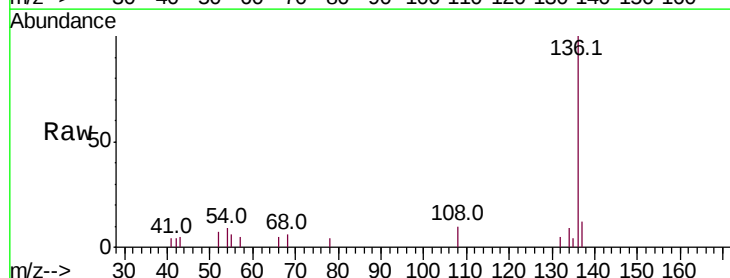
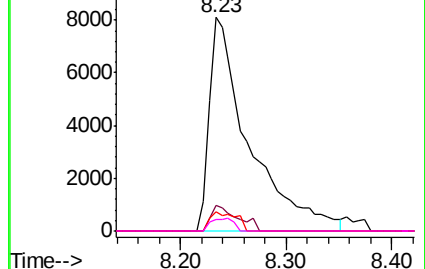
68 5.6 4.2 6.2

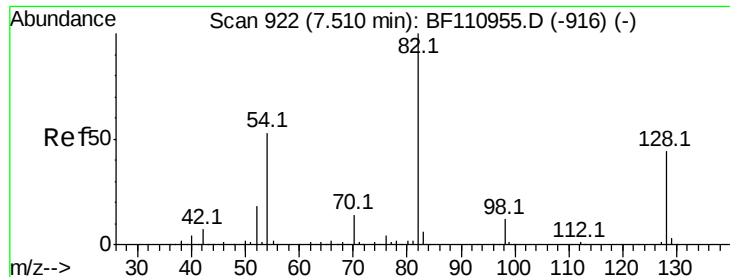
Abundance Ion 136.00 (135.70 to 136.70): E

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





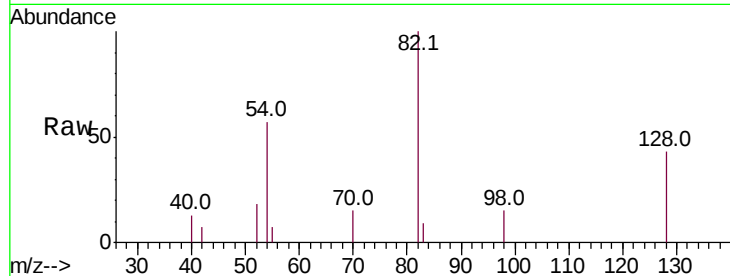
#23
Nitrobenzene-d5
Concen: 57.520 ng m
RT: 7.54 min Scan# 927
Delta R.T. 0.03 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

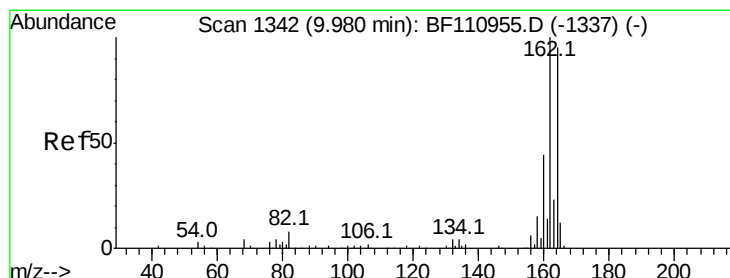
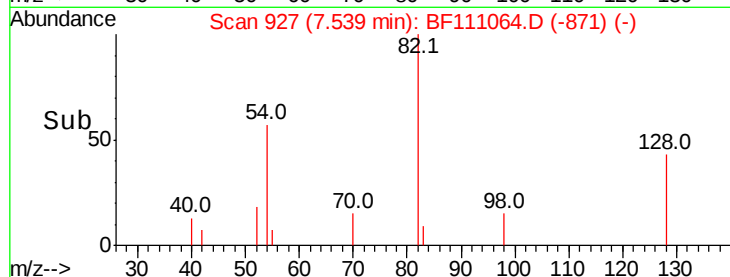
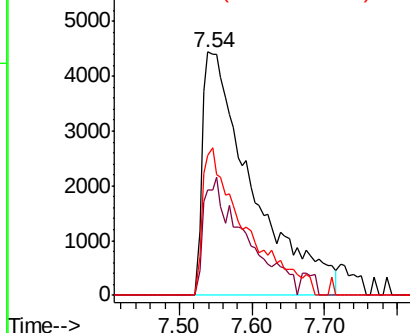
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	57.2	38.6	58.0

Manual Integrations
APPROVED

mohammad
11/29/2018 1:58:54 PM



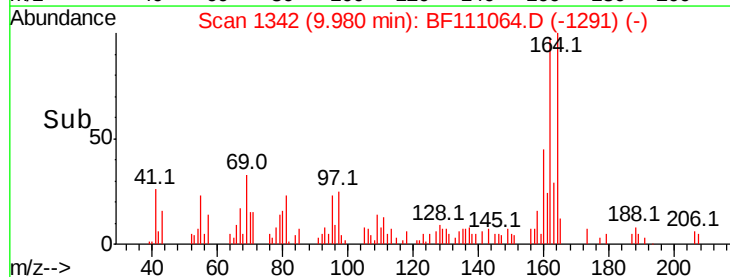
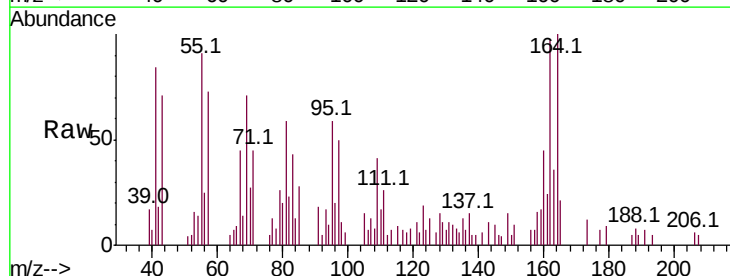
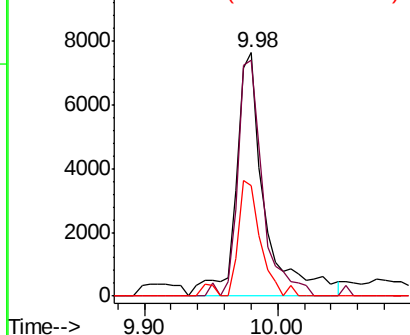
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

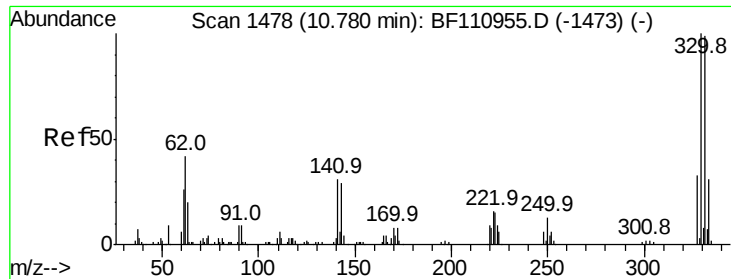


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	83.0	124.6
160	45.4	37.0	55.6

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





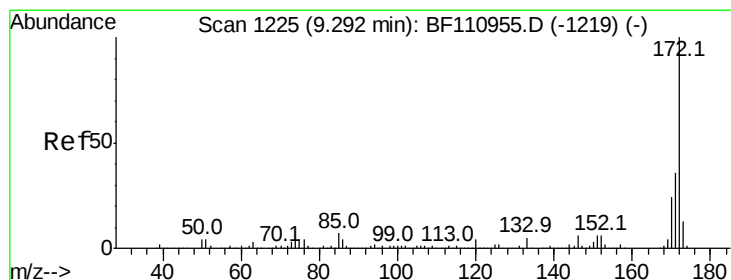
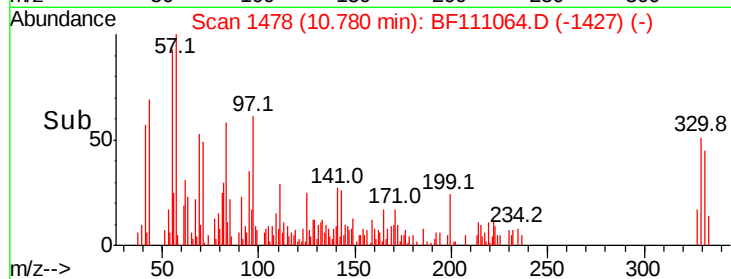
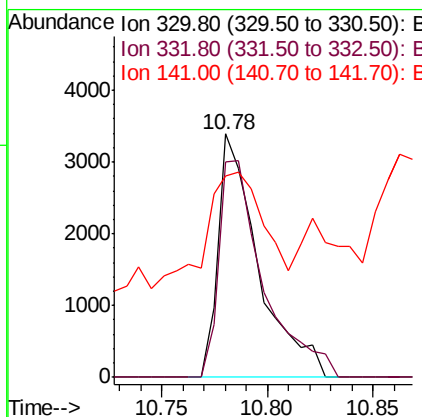
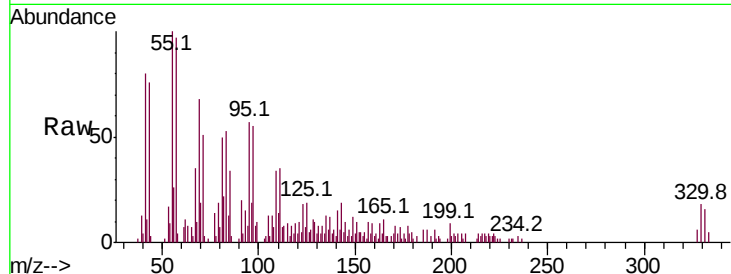
#42
 2,4,6-Tribromophenol
 Concen: 39.704 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111064.D
 Acq: 28 Nov 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	69.0	27.0	40.4#

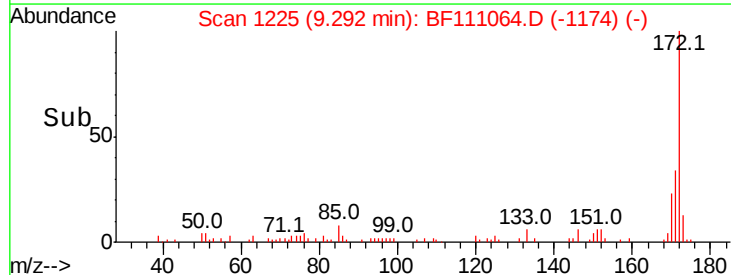
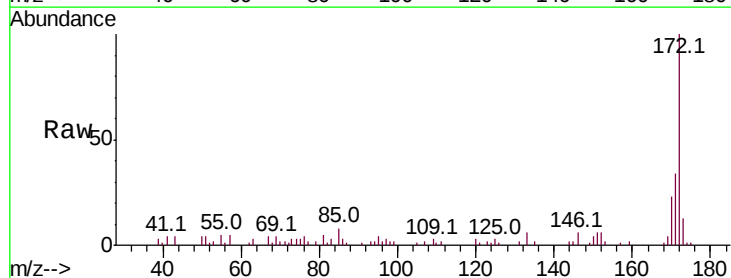
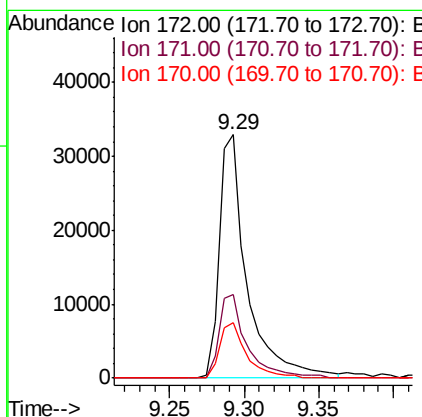
Manual Integrations
 APPROVED

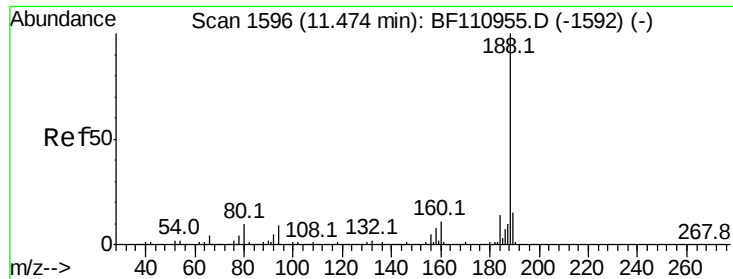
mohammad
 11/29/2018 1:58:54 PM



#45
 2-Fluorobiphenyl
 Concen: 54.694 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111064.D
 Acq: 28 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.6	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111064.D

Acq: 28 Nov 2018 23:52

Instrument :

BNA_F

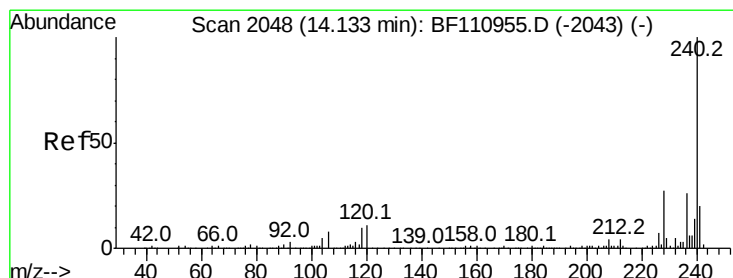
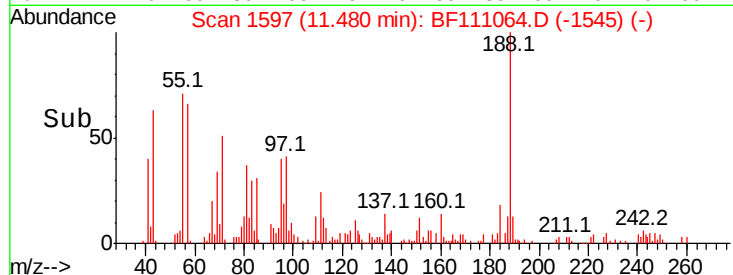
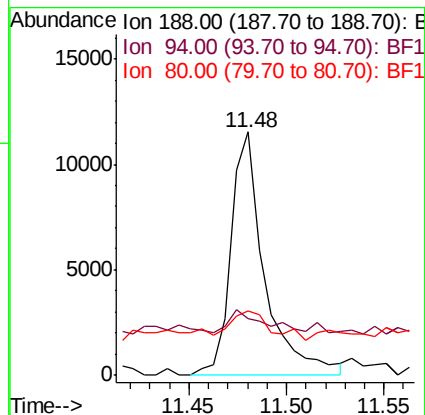
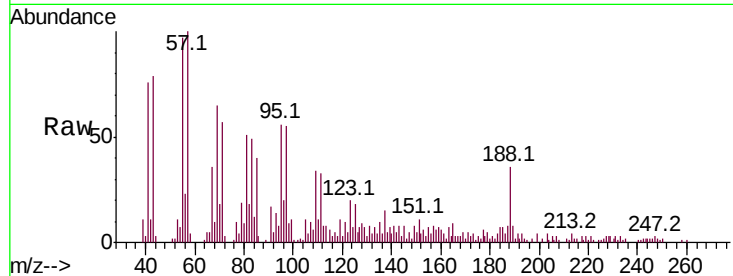
ClientSampleId :

NS-OILY-STONE

Tot Ion:	188	Resp:	13852
Ion Ratio	Lower	Upper	
188	100		
94	23.0	7.2	10.8#
80	26.5	7.9	11.9#

Manual Integrations
APPROVED

mohammad
11/29/2018 1:58:54 PM



#76

Chrysene-d12

Concen: 20.000 ng

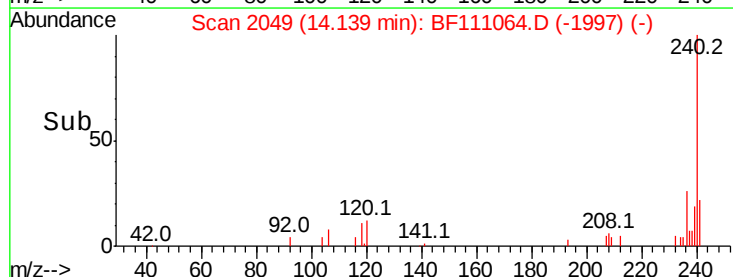
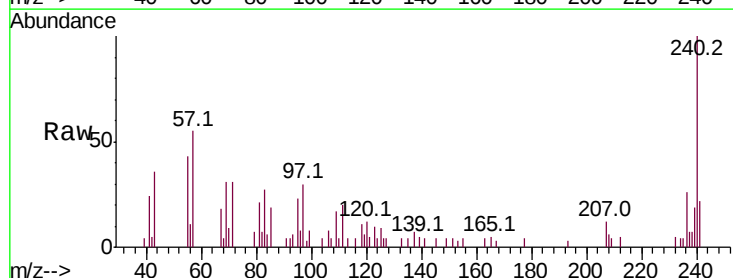
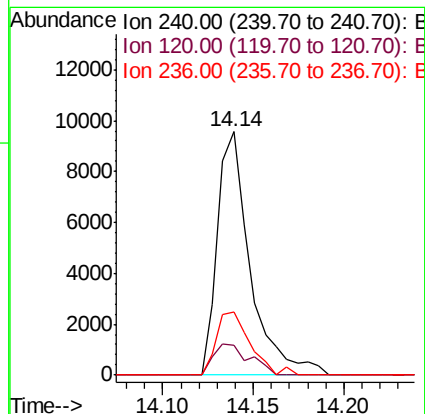
RT: 14.14 min Scan# 2049

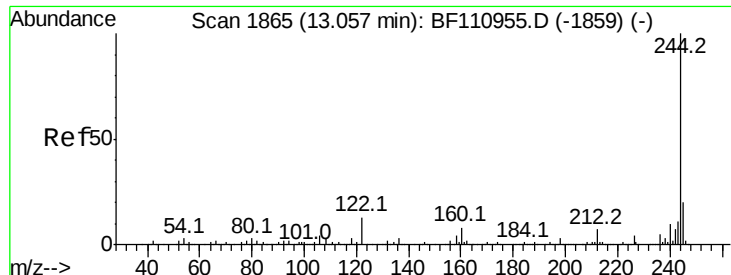
Delta R.T. 0.01 min

Lab File: BF111064.D

Acq: 28 Nov 2018 23:52

Tgt Ion:	240	Resp:	12051
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	26.0	21.2	31.8





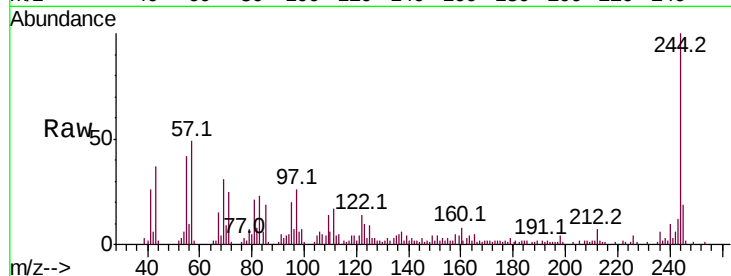
#79
 Terphenyl-d14
 Concen: 54.902 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111064.D
 Acq: 28 Nov 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	14.1	8.7	13.1

Manual Integrations
 APPROVED

mohammad
 11/29/2018 1:58:54 PM

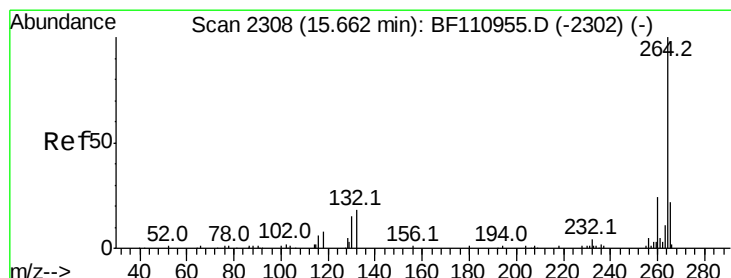
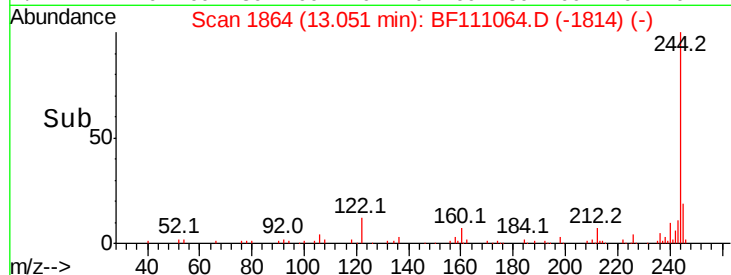
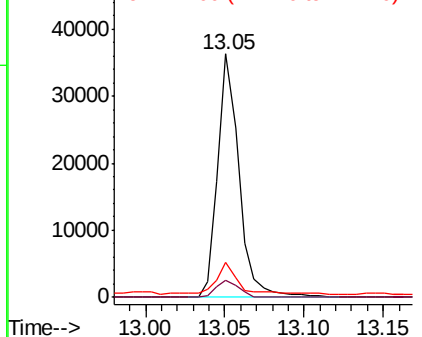


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.02 min
 Lab File: BF111064.D
 Acq: 28 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	16.7	25.1

Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

