

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111483.D
 Acq On : 15 Dec 2018 22:01
 Operator : JU/SJ
 Sample : J6373-10 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 16 02:01:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

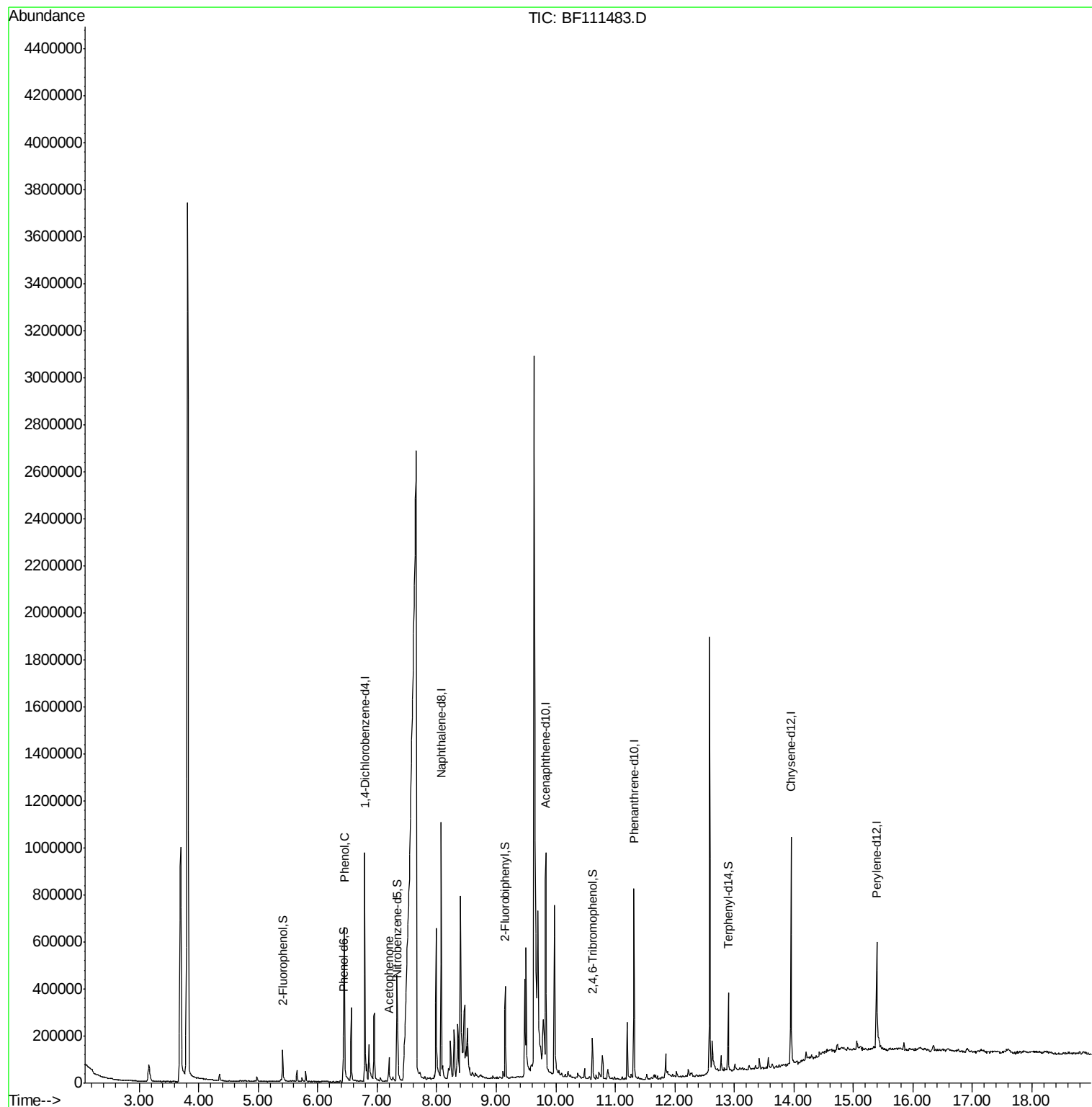
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131276	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462850	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	183411	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	322712	20.00	ng	0.00
76) Chrysene-d12	13.95	240	317093	20.00	ng	0.00
87) Perylene-d12	15.39	264	219996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	42892	5.44	ng	0.00
7) Phenol-d6	6.43	99	32683	3.11	ng	-0.01
23) Nitrobenzene-d5	7.35	82	61978	7.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	18133	11.04	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	117654	9.91	ng	0.00
79) Terphenyl-d14	12.90	244	115509	8.55	ng	0.00
Target Compounds						
10) Phenol	6.45	94	233232	19.952	ng	90
22) Acetophenone	7.20	105	32162	3.113	ng	# 82

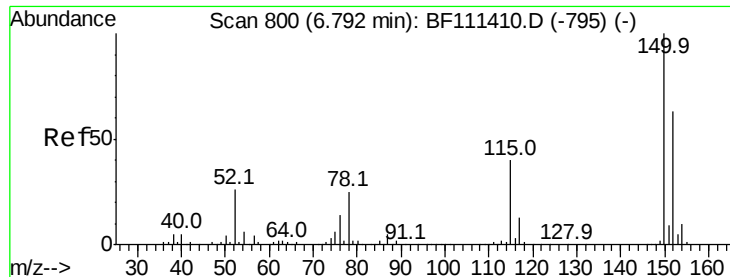
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

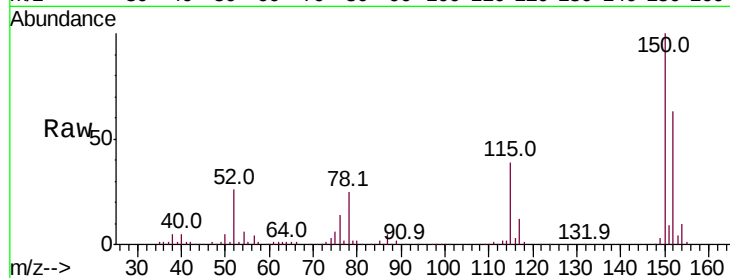
Tot Ion:152 Resp: 131276

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

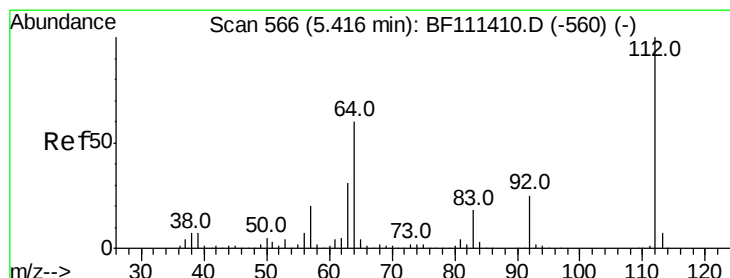
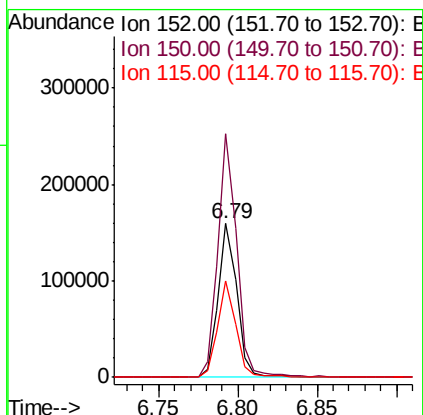
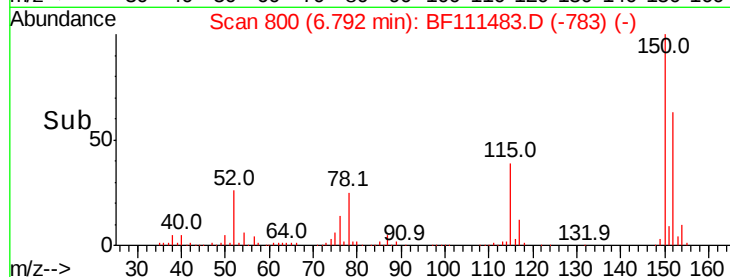
115 62.6 50.7 76.1



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: 5.437 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

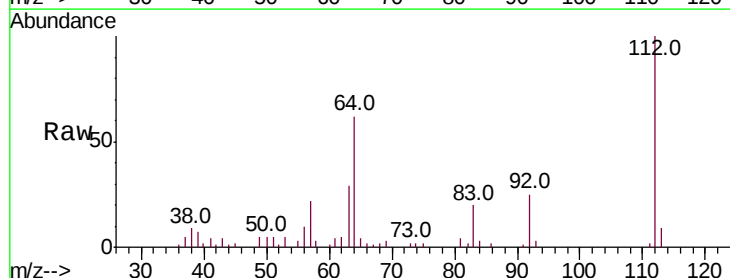
Tgt Ion:112 Resp: 42892

Ion Ratio Lower Upper

112 100

64 62.2 51.8 77.6

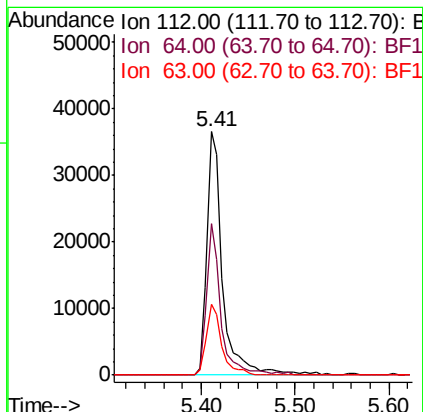
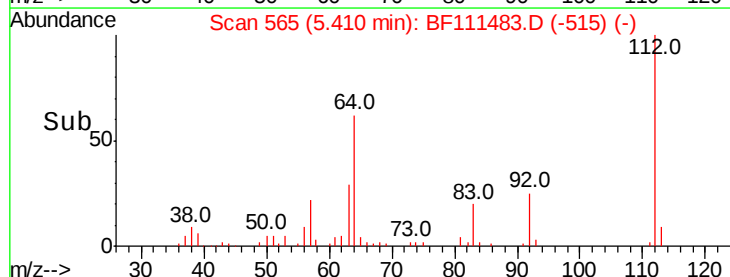
63 28.9 26.8 40.2

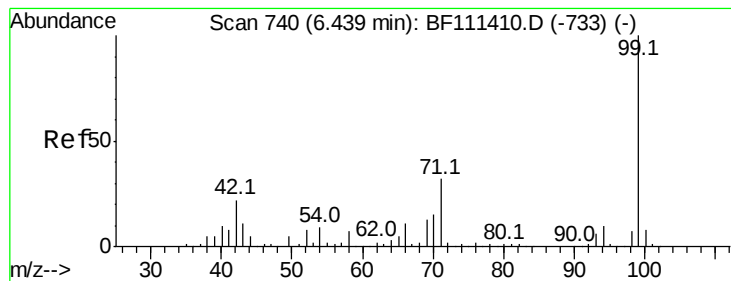


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 3.115 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

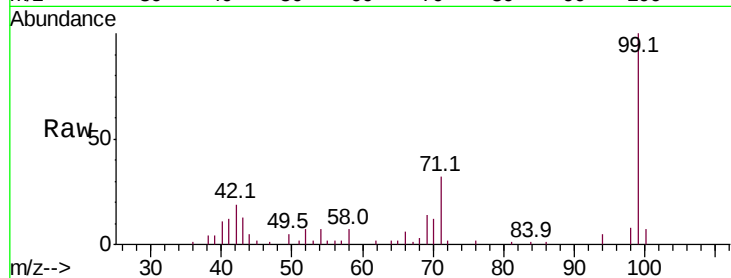
Tot Ion: 99 Resp: 32683

Ion Ratio Lower Upper

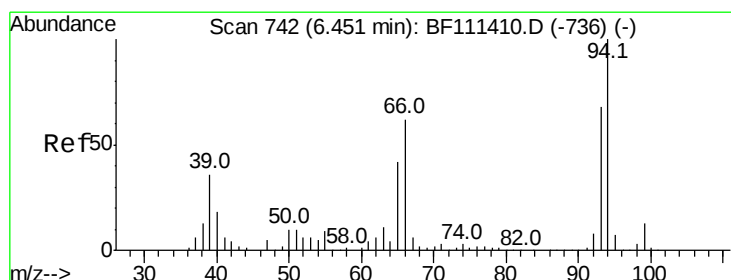
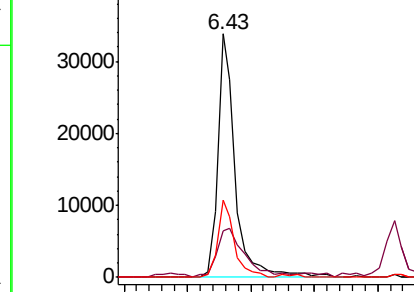
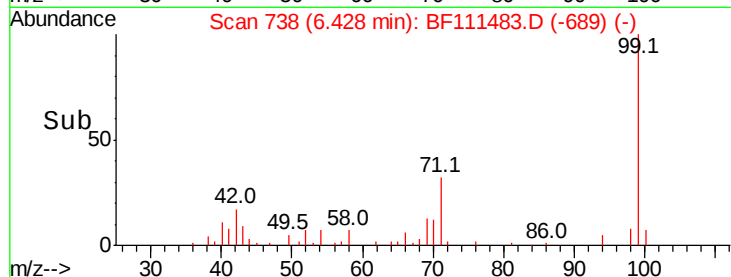
99 100

42 19.1 17.4 26.0

71 31.6 26.1 39.1



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



#10

Phenol

Concen: 19.952 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

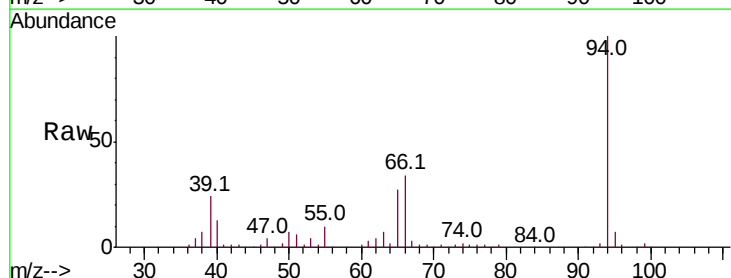
Tgt Ion: 94 Resp: 233232

Ion Ratio Lower Upper

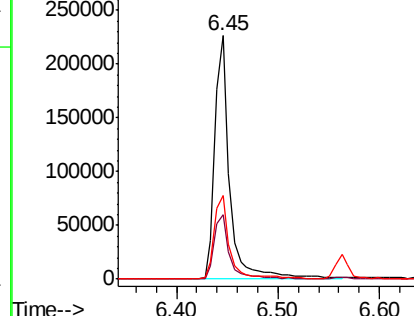
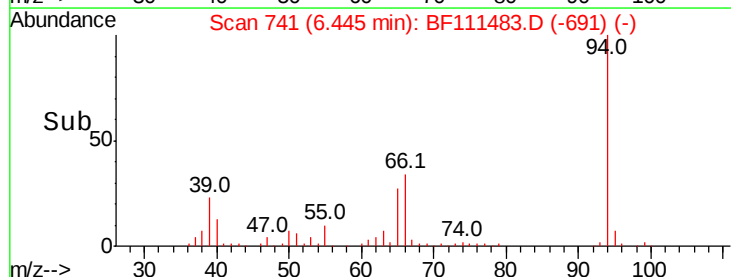
94 100

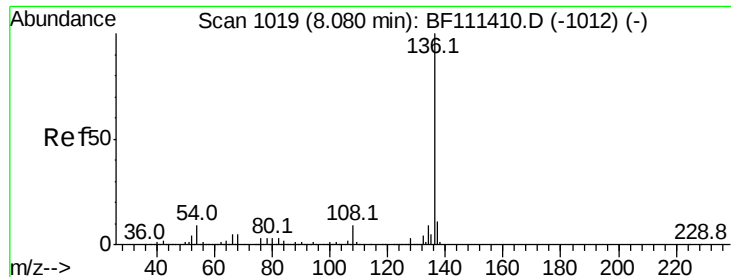
65 26.6 11.7 51.7

66 34.5 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

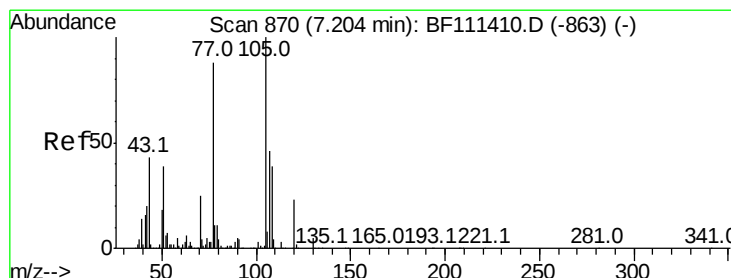
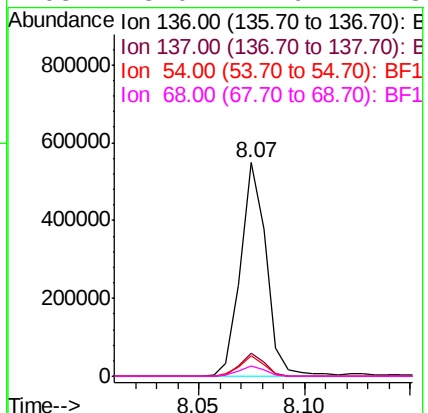
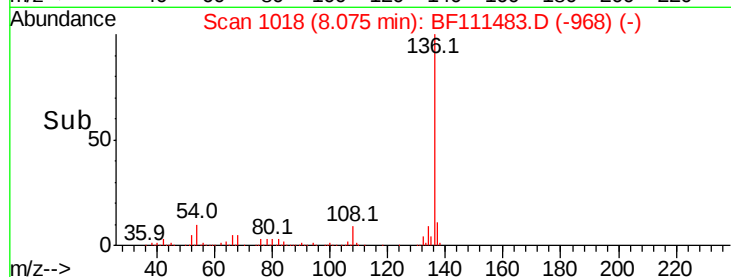
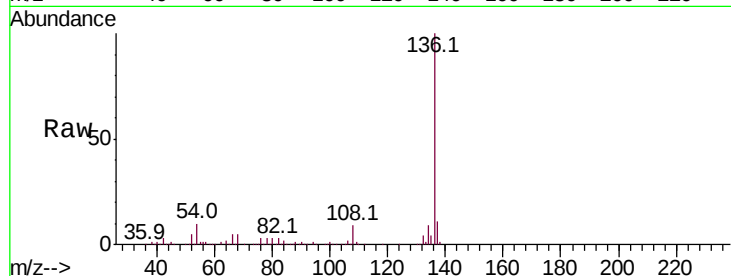




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

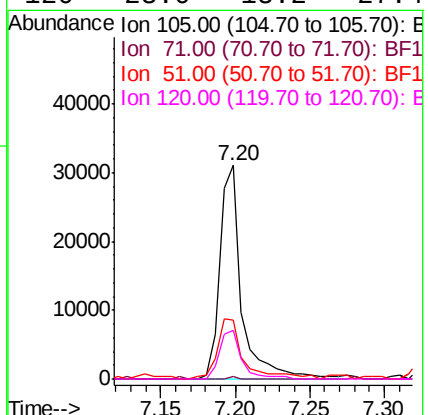
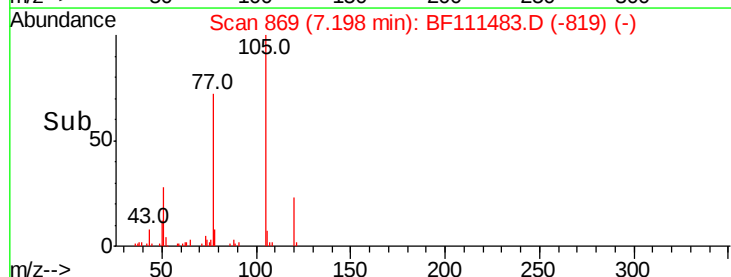
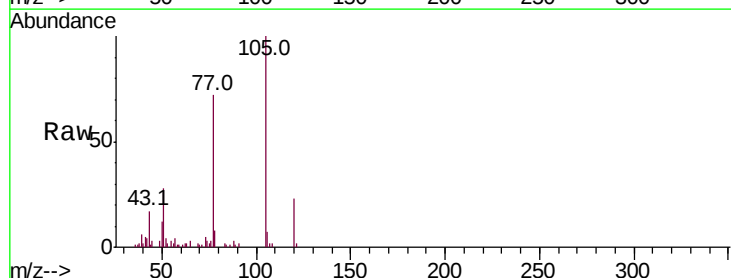
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

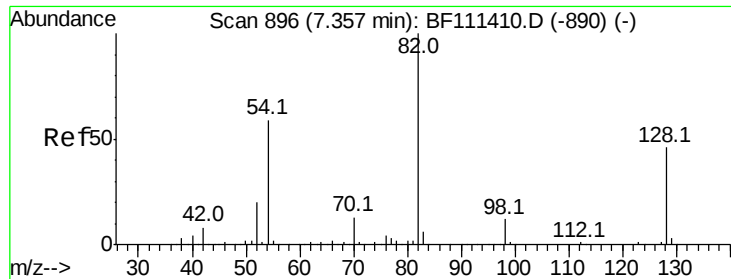
Tot Ion:136	Resp:	462850	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.1	13.7	
54 9.6	7.7	11.5	
68 5.0	4.9	7.3	



#22
Acetophenone
Concen: 3.113 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

Tgt	Ion:105	Resp:	32162
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.1	4.7#
51	27.8	36.6	54.8#
120	23.0	18.2	27.4

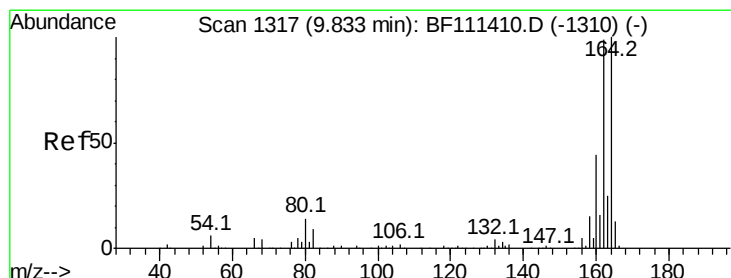
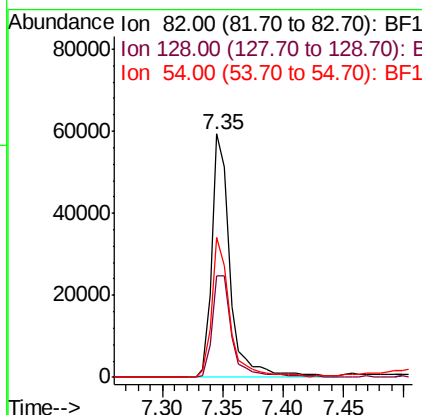
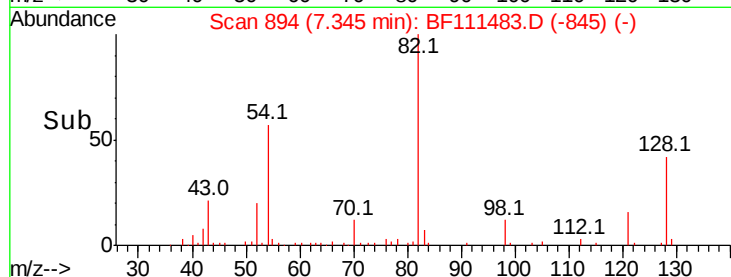
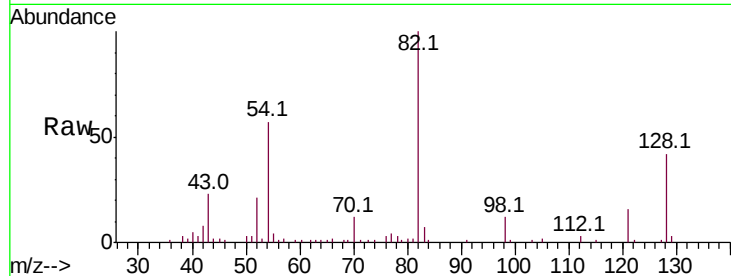




#23
 Nitrobenzene-d5
 Concen: 7.974 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

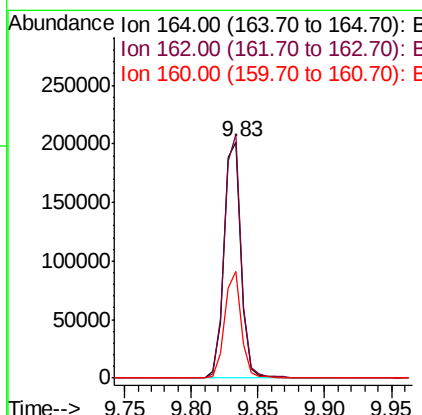
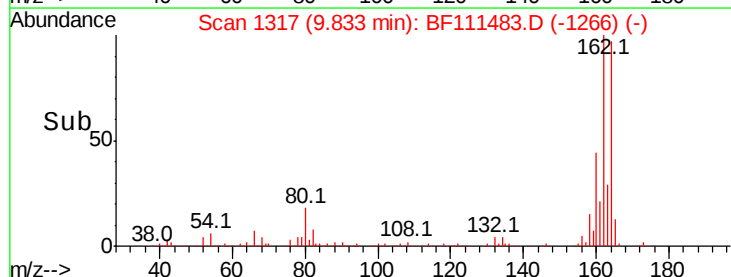
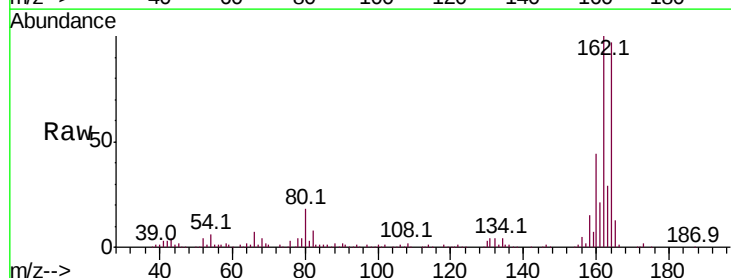
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

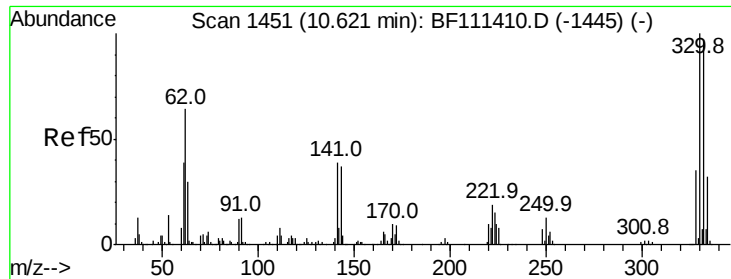
Tot Ion: 82 Resp: 61978
 Ion Ratio Lower Upper
 82 100
 128 41.7 37.4 56.2
 54 57.5 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

Tgt Ion:164 Resp: 183411
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.0
 160 45.1 35.7 53.5

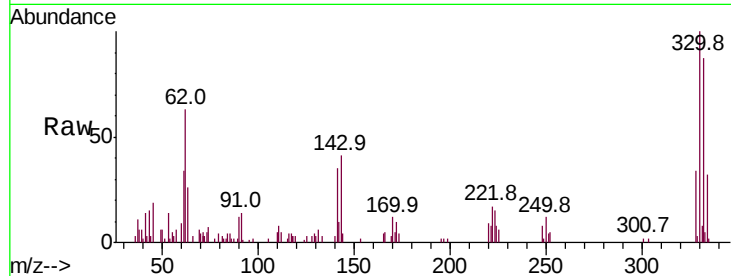




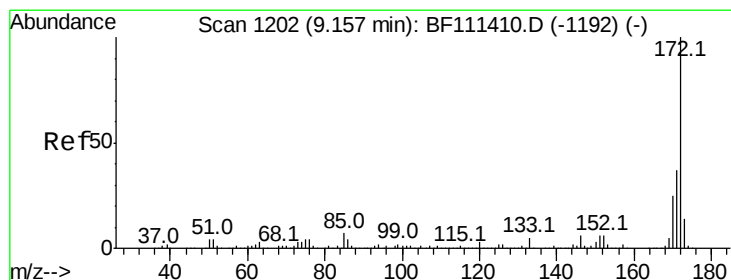
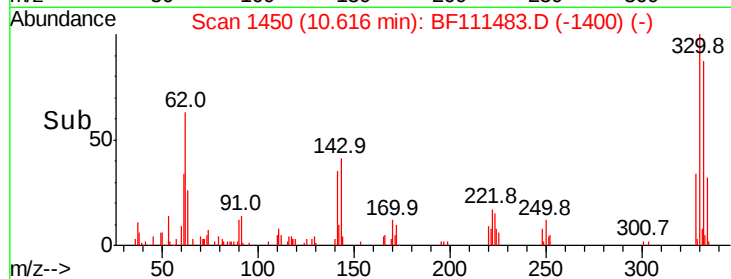
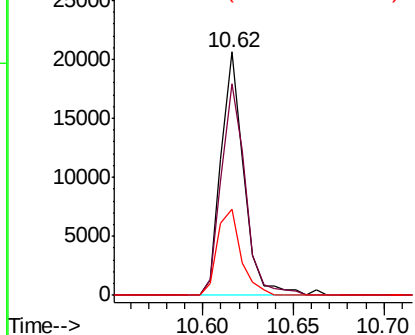
#42
 2,4,6-Tribromophenol
 Concen: 11.037 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.6	76.0	114.0
141	36.6	31.0	46.6

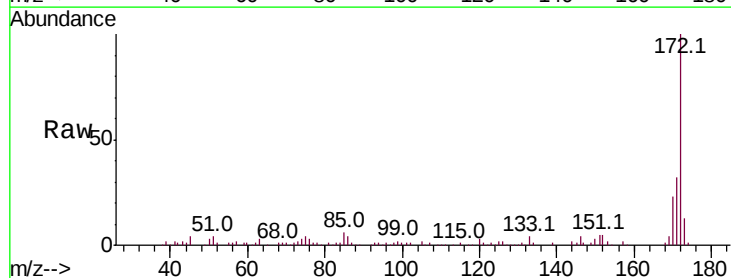


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

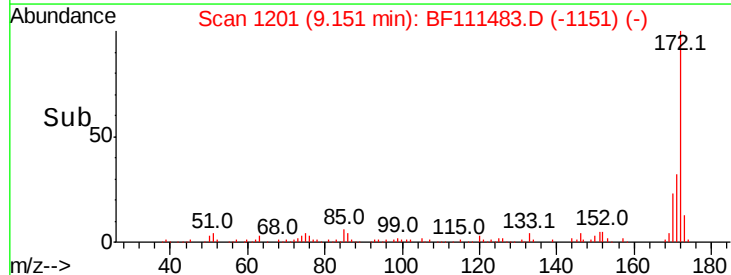
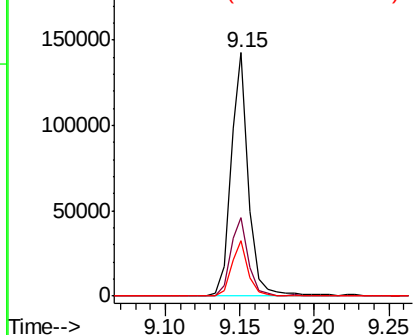


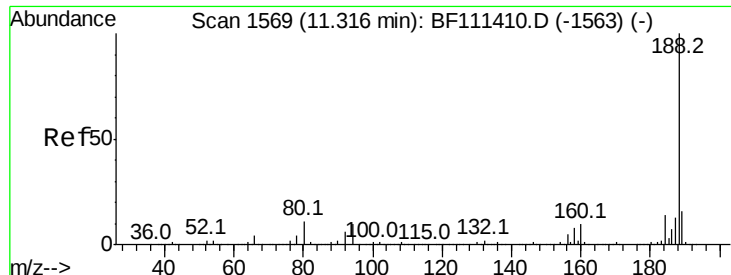
#45
 2-Fluorobiphenyl
 Concen: 9.909 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111483.D
 Acq: 15 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.1	33.0	49.4#
170	22.6	22.3	33.5



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

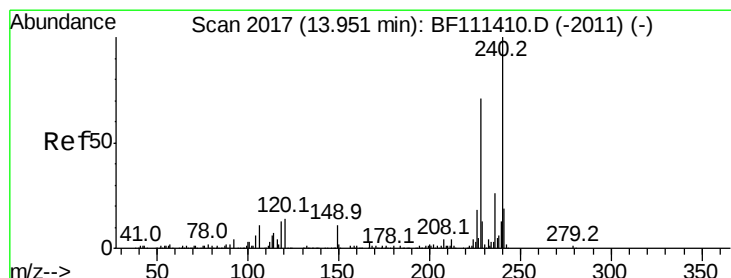
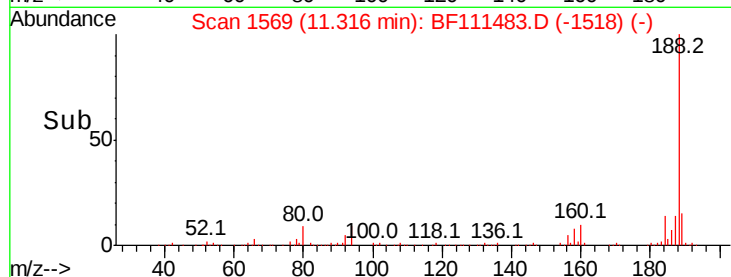
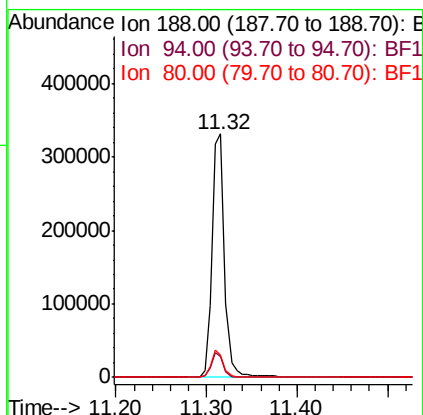
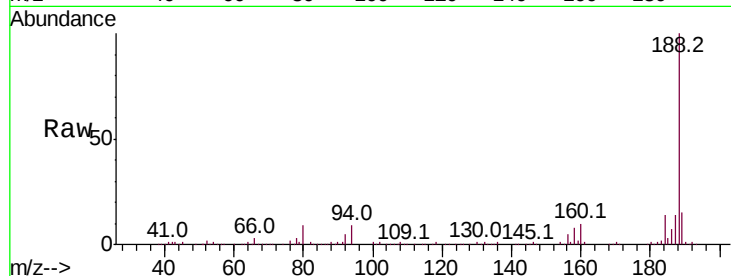




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

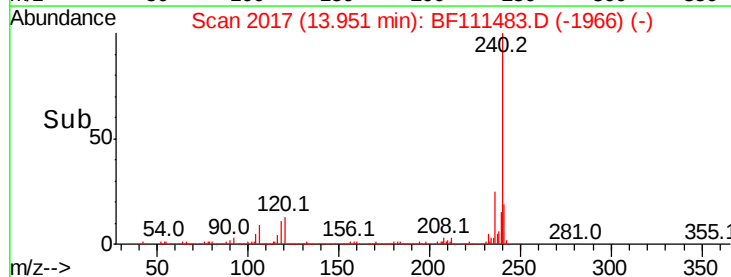
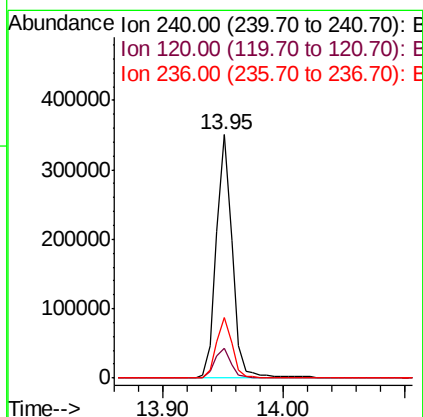
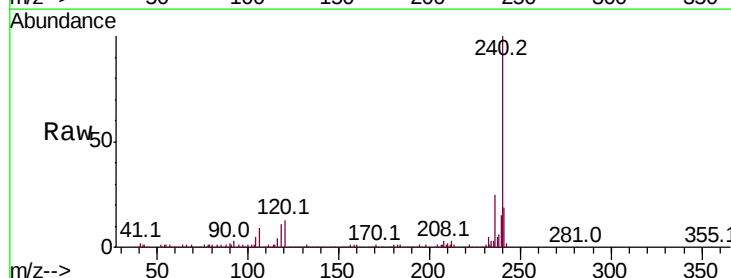
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

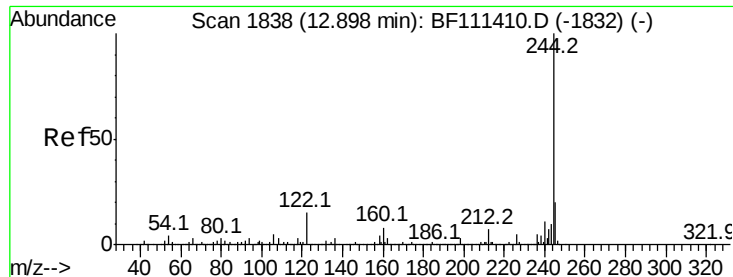
Tot Ion:188 Resp: 322712
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 8.9 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF111483.D
Acq: 15 Dec 2018 22:01

Tgt Ion:240 Resp: 317093
Ion Ratio Lower Upper
240 100
120 12.5 12.2 18.2
236 24.9 20.2 30.2





#79

Terphenyl-d14

Concen: 8.554 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

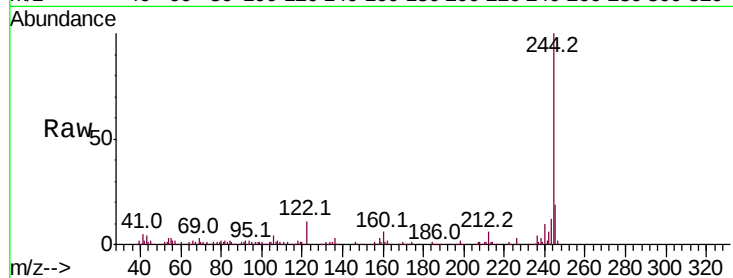
Tot Ion:244 Resp: 115509

Ion Ratio Lower Upper

244 100

212 5.6 5.7 8.5#

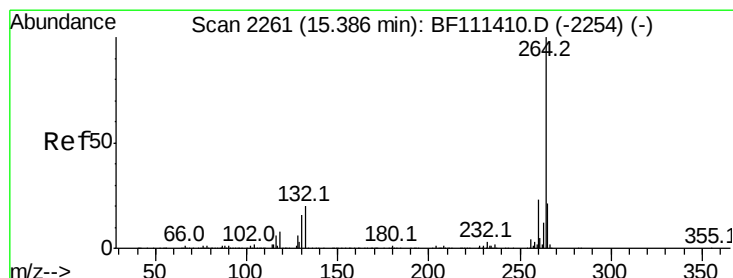
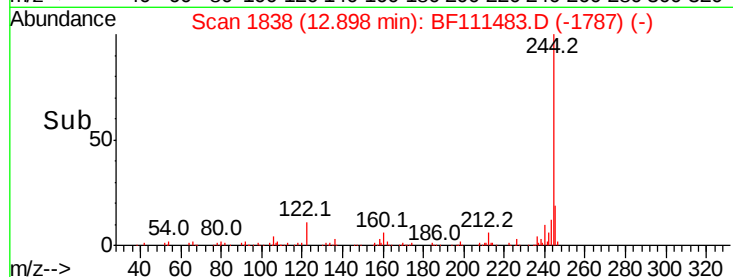
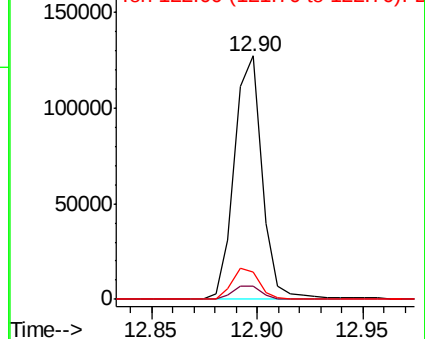
122 11.1 13.1 19.7#



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111483.D

Acq: 15 Dec 2018 22:01

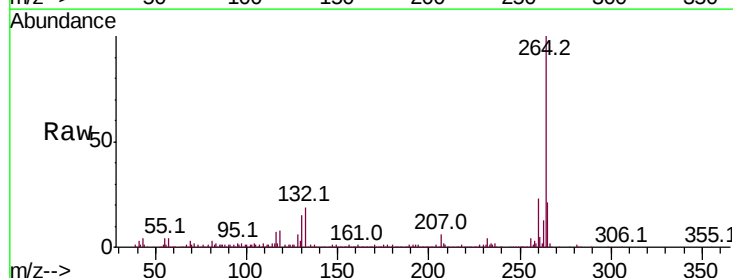
Tgt Ion:264 Resp: 219996

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.1 17.7 26.5



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

