

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111288.D
 Acq On : 11 Dec 2018 20:42
 Operator : JU/SJ
 Sample : J6157-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-DISSOLVED

Quant Time: Dec 12 00:26:51 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

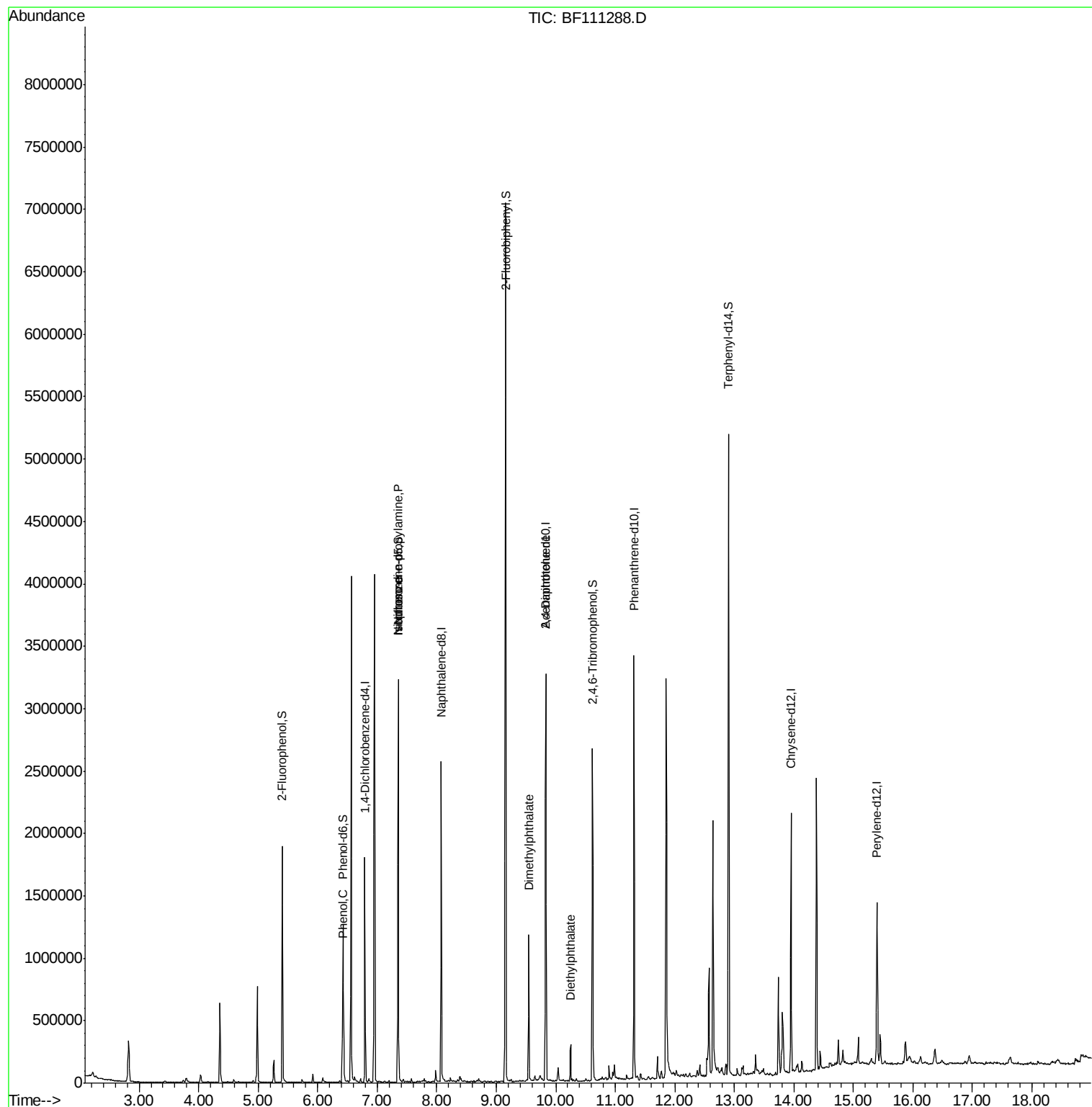
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	260862	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1129302	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	594815	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1088488	20.00	ng	0.00
76) Chrysene-d12	13.95	240	687765	20.00	ng	0.00
87) Perylene-d12	15.40	264	551252	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	488846	29.59	ng	0.00
7) Phenol-d6	6.42	99	404360	19.70	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1012623	50.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	260329	49.41	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2039219	52.84	ng	0.00
79) Terphenyl-d14	12.90	244	1714855	59.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2179	Below Cal		Qvalue
10) Phenol	6.43	94	187475	7.810 ng	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	135087	9.822 ng	#	93
25) Isophorone	7.35	82	1005444	29.319 ng	#	80
46) 1,1'-Biphenyl	9.25	154	4116	Below Cal		64
50) Dimethylphthalate	9.55	163	416043	9.480 ng		87
57) 2,4-Dinitrotoluene	9.83	165	75738	6.339 ng	#	98
60) Diethylphthalate	10.25	149	96658	2.310 ng		24
						96

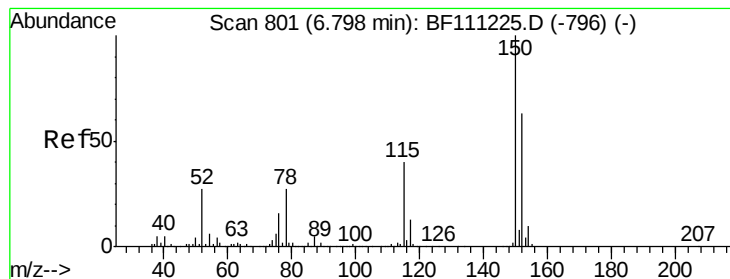
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Quant Time: Dec 12 00:26:51 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



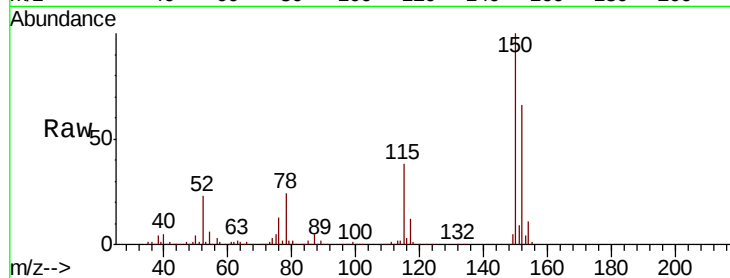


#1

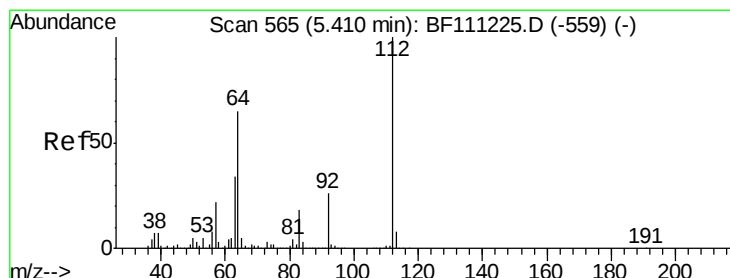
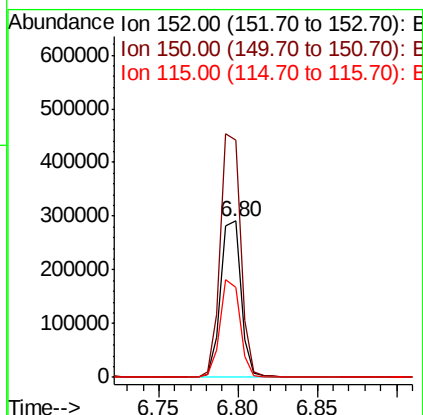
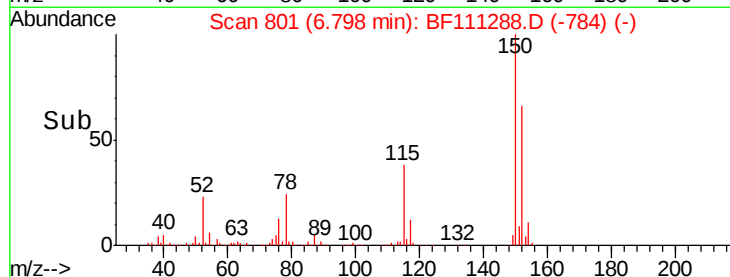
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Tgt Ion:152 Resp: 260862
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 57.6 50.7 76.1



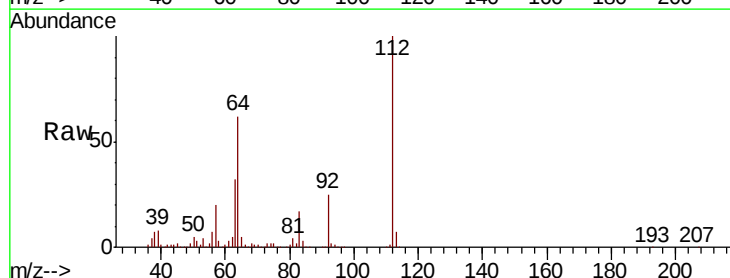
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



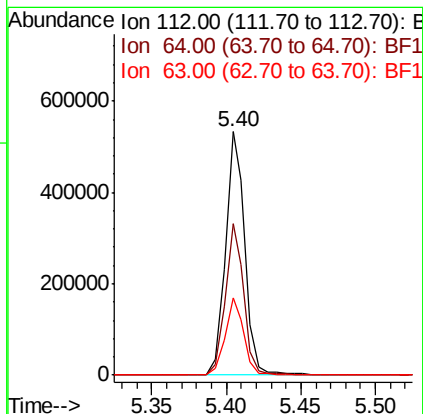
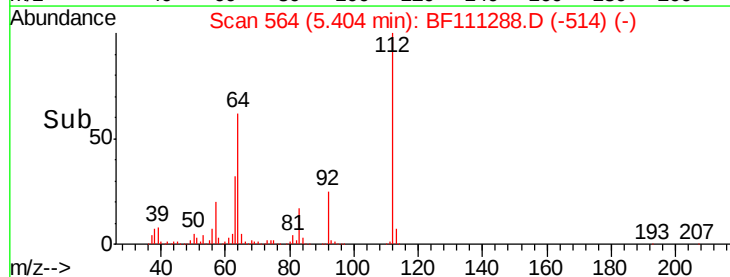
#5

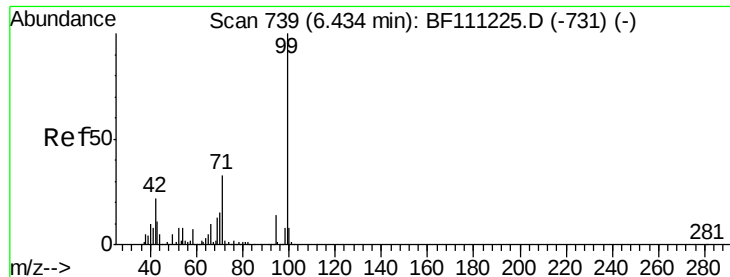
2-Fluorophenol
Concen: 29.591 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Tgt Ion:112 Resp: 488846
Ion Ratio Lower Upper
112 100
64 62.0 51.8 77.6
63 31.9 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: 19.696 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-DISSOLVED

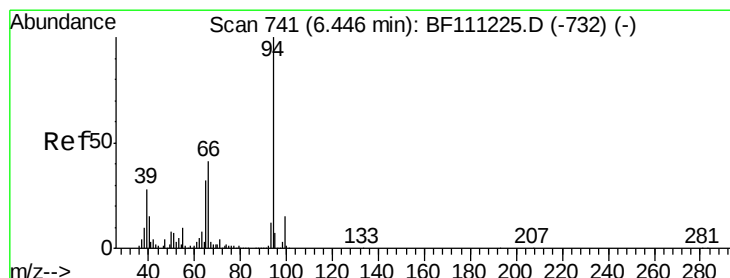
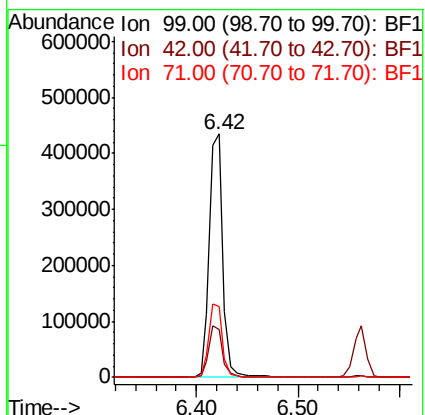
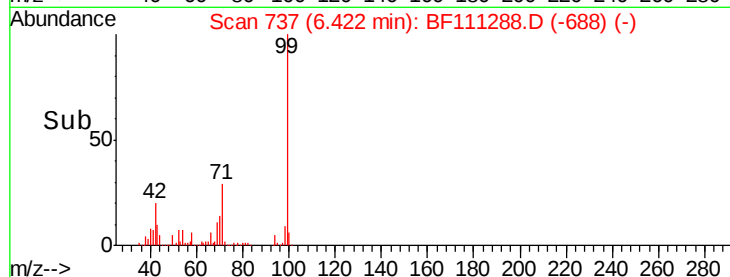
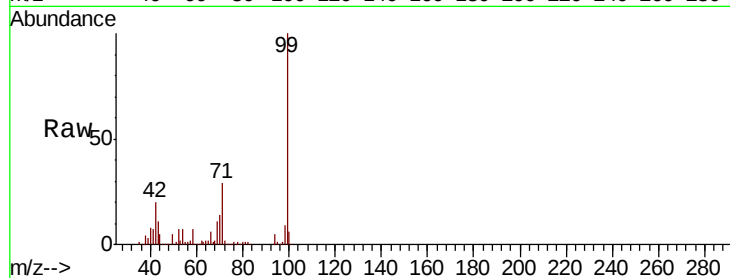
Tgt Ion: 99 Resp: 404360

Ion Ratio Lower Upper

99 100

42 19.6 17.4 26.0

71 29.0 26.1 39.1



#10

Phenol

Concen: 7.810 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

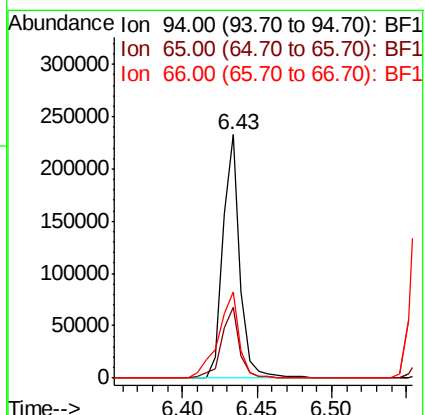
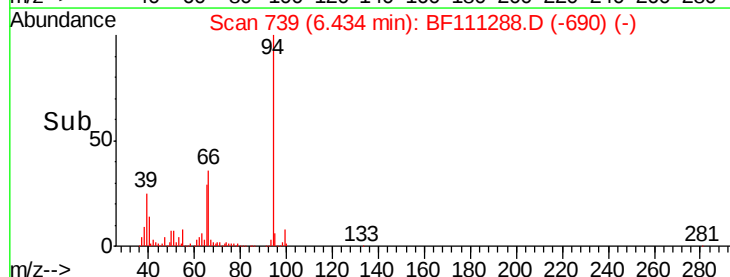
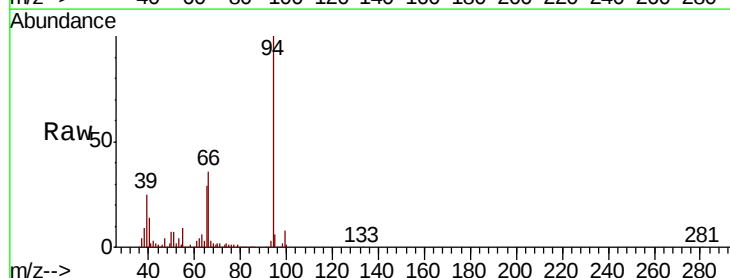
Tgt Ion: 94 Resp: 187475

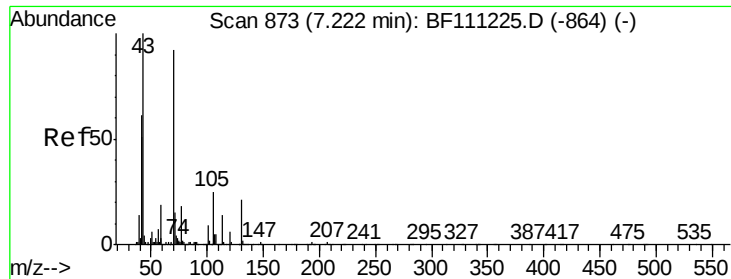
Ion Ratio Lower Upper

94 100

65 28.9 11.7 51.7

66 35.6 21.0 61.0

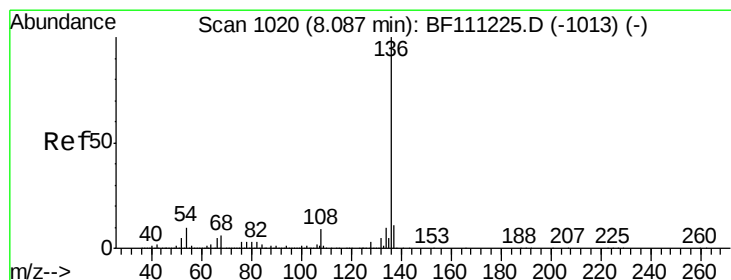
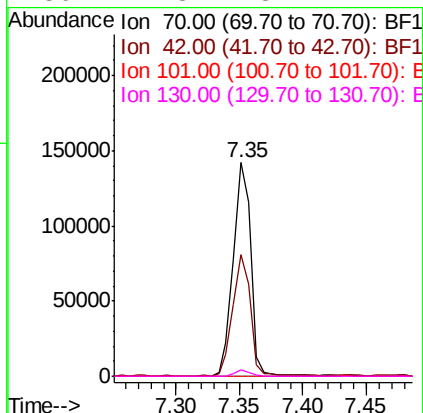
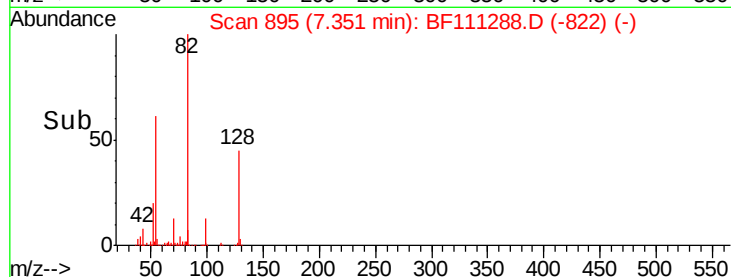
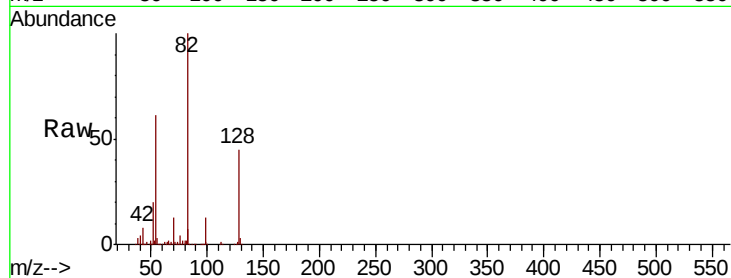




#19
n-Nitroso-di-n-propylamine
Concen: 9.822 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

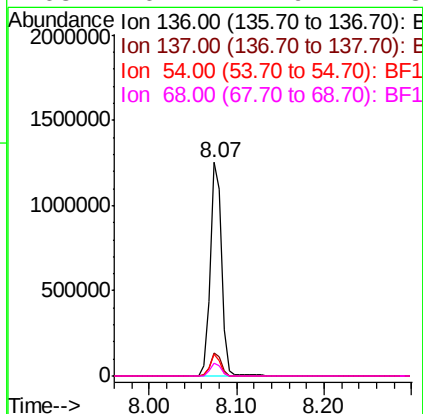
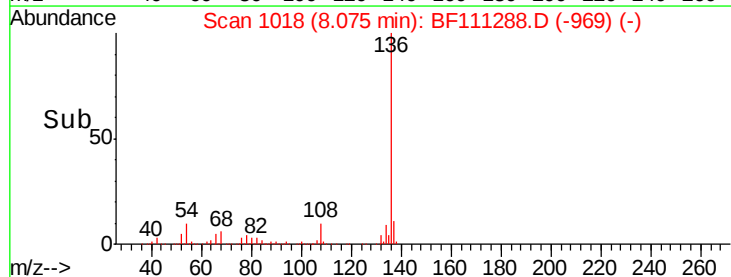
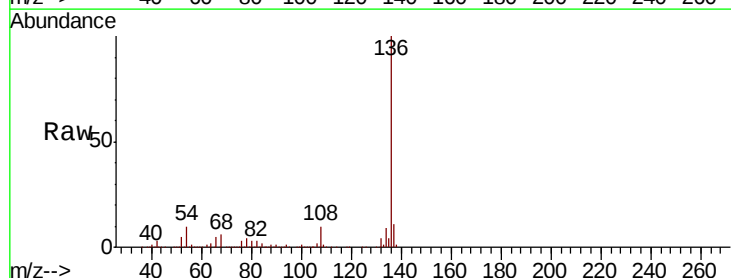
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

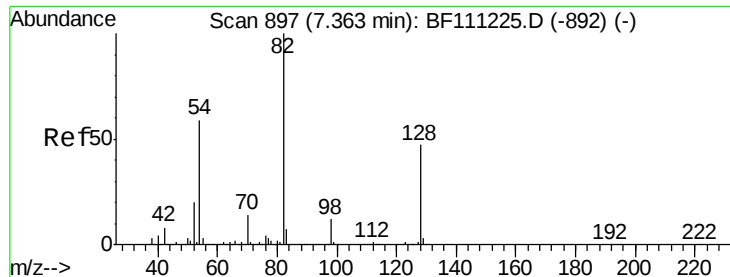
Tgt Ion:	70	Resp:	135087
Ion	Ratio	Lower	Upper
70	100		
42	57.1	53.2	79.8
101	0.0	8.2	12.4#
130	2.8	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Tgt Ion:	136	Resp:	1129302
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.2	7.7	11.5
68	6.1	4.9	7.3

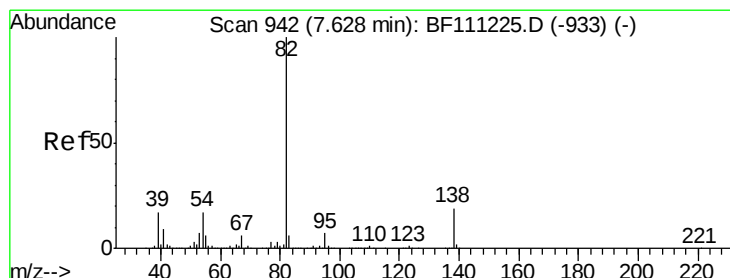
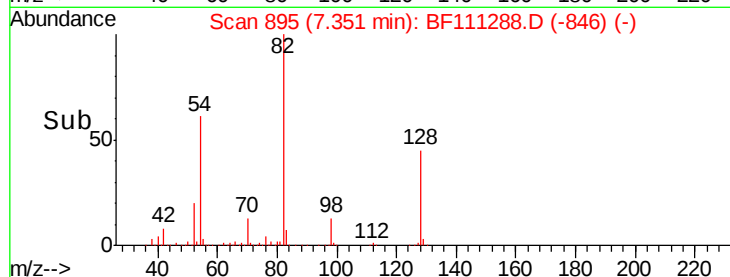
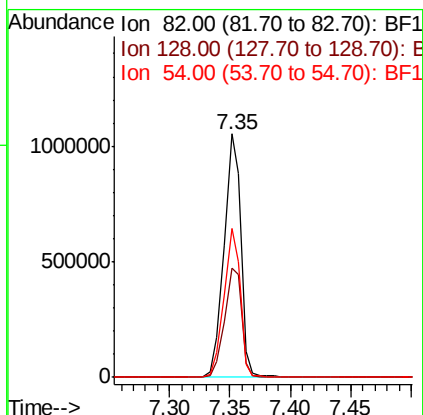
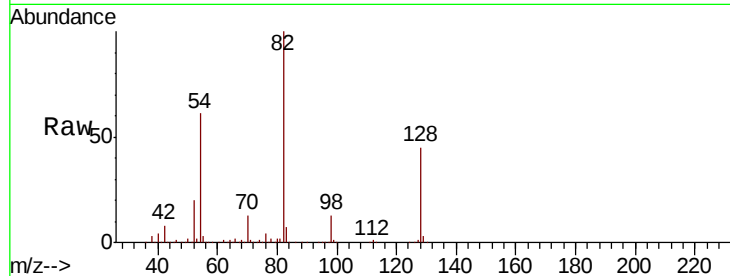




#23
 Nitrobenzene-d5
 Concen: 50.294 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111288.D
 Acq: 11 Dec 2018 20:42

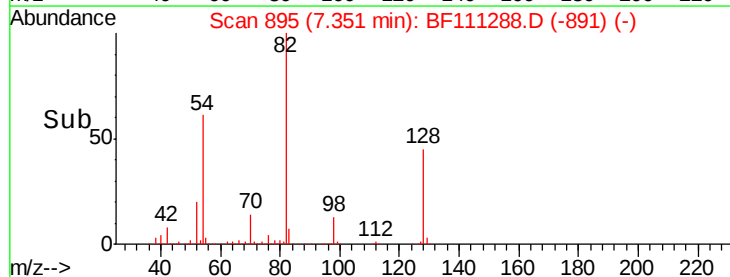
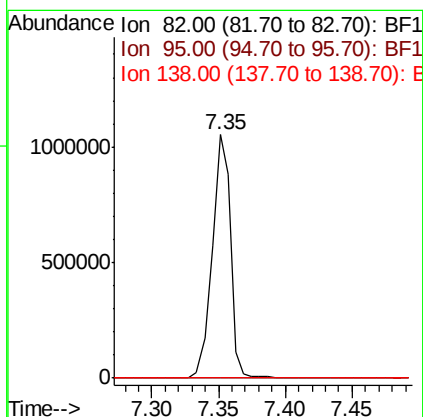
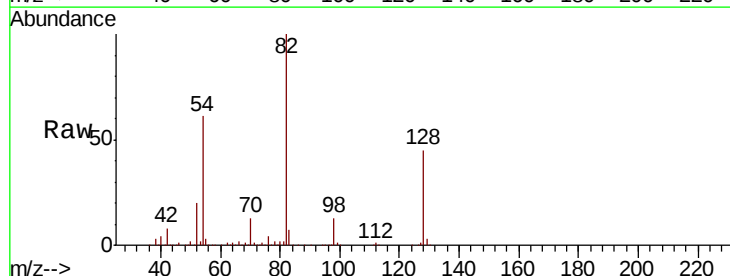
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-DISSOLVED

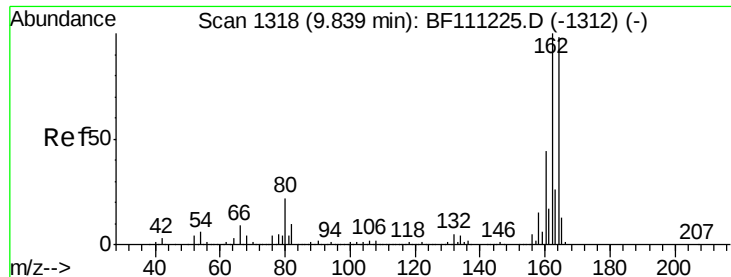
Tgt Ion: 82 Resp: 1012623
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.4 56.2
 54 61.1 47.6 71.4



#25
 Isophorone
 Concen: 29.319 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111288.D
 Acq: 11 Dec 2018 20:42

Tgt Ion: 82 Resp: 1005444
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#

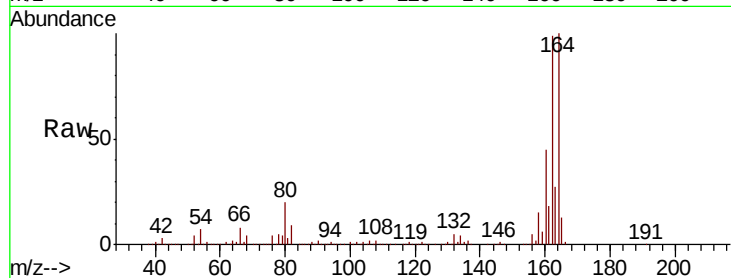




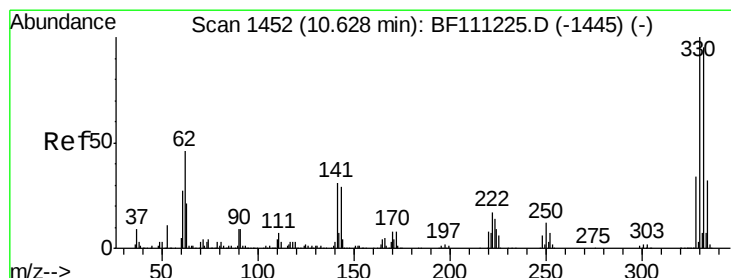
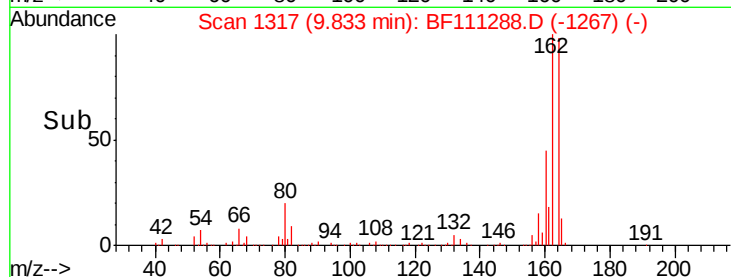
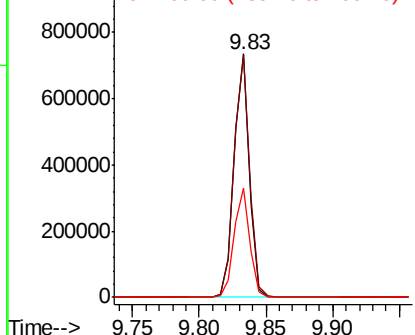
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	44.9	35.7	53.5

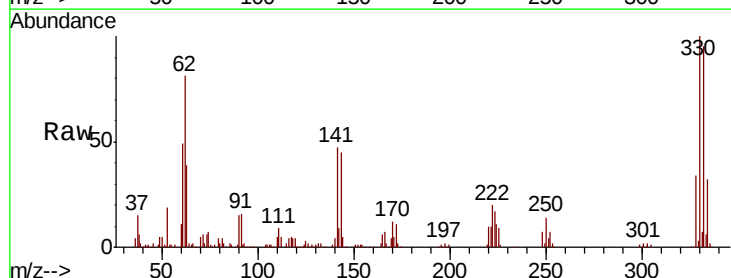


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

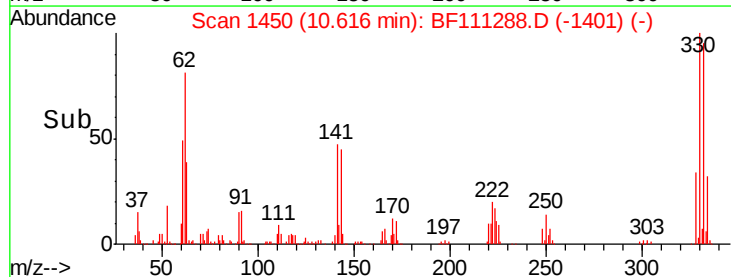
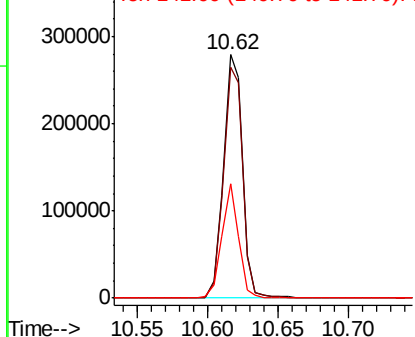


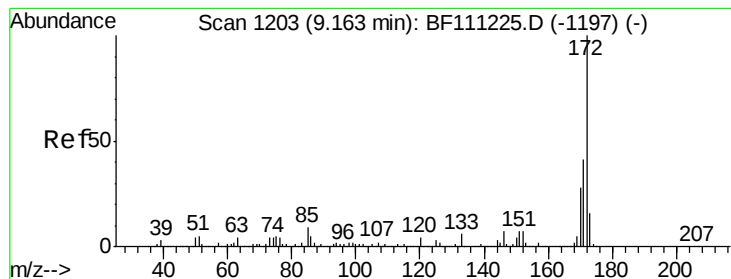
#42
2,4,6-Tribromophenol
Concen: 49.408 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	41.4	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: 52.838 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-DISSOLVED

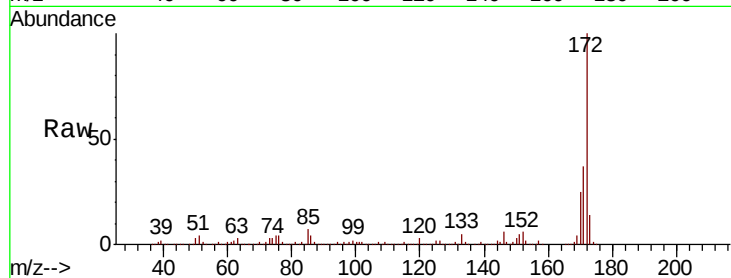
Tgt Ion:172 Resp: 2039219

Ion Ratio Lower Upper

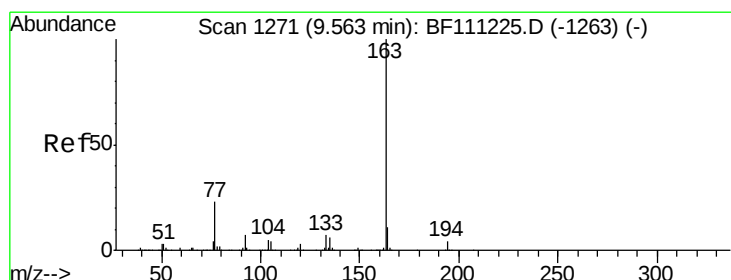
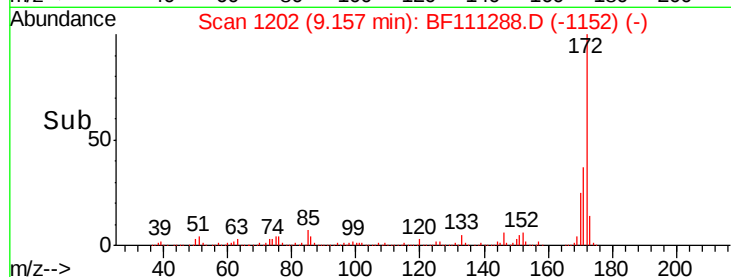
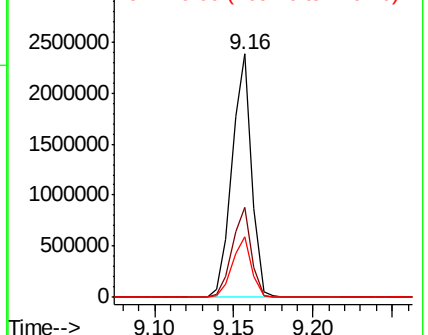
172 100

171 36.8 33.0 49.4

170 24.7 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



#50

Dimethylphthalate

Concen: 9.480 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

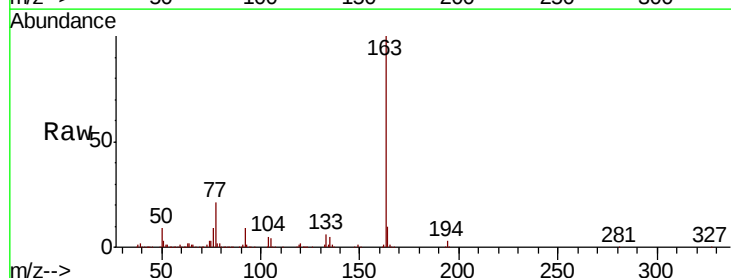
Tgt Ion:163 Resp: 416043

Ion Ratio Lower Upper

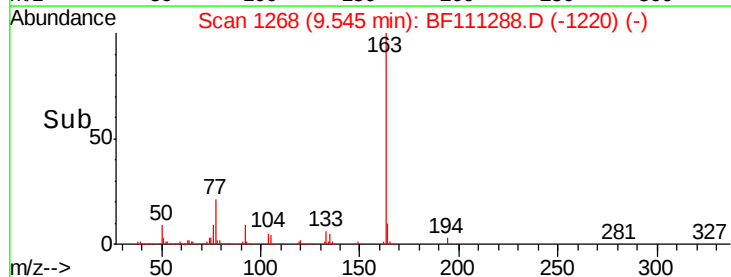
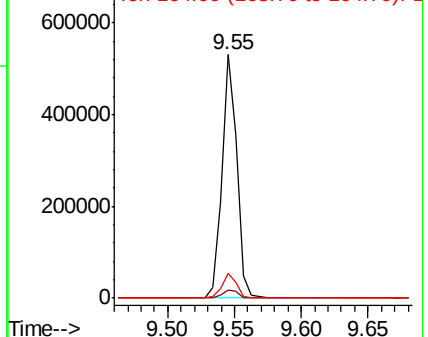
163 100

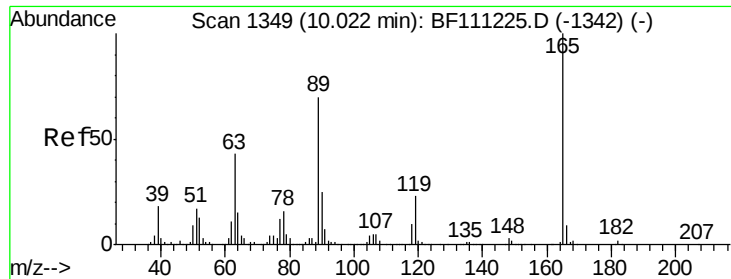
194 3.3 3.0 4.6

164 10.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

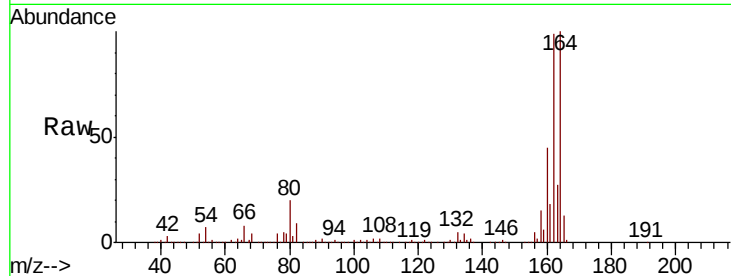




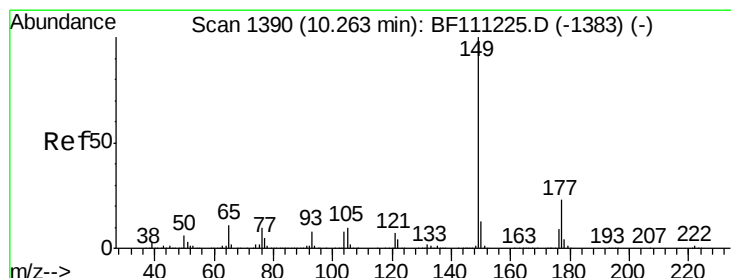
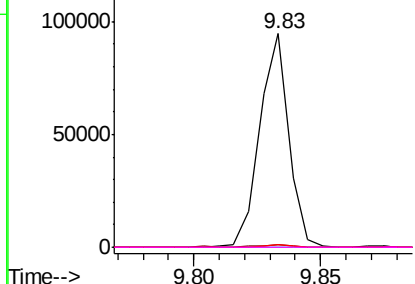
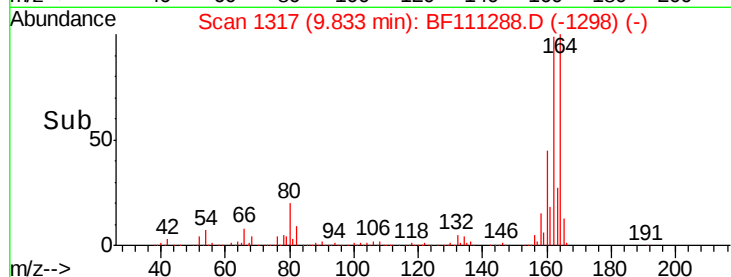
#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	0.9	56.2	84.4#
182	0.0	1.8	2.6#

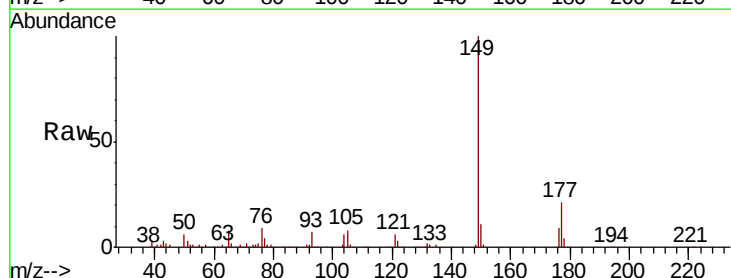


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

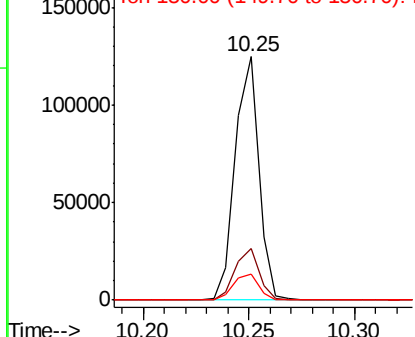
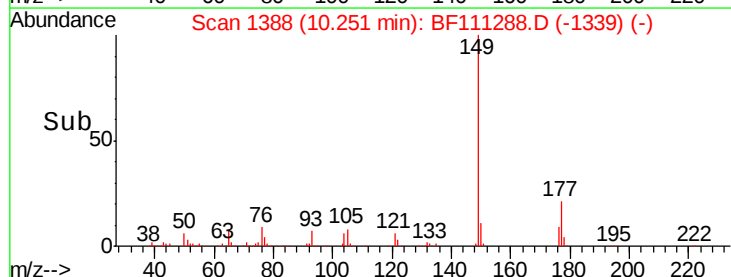


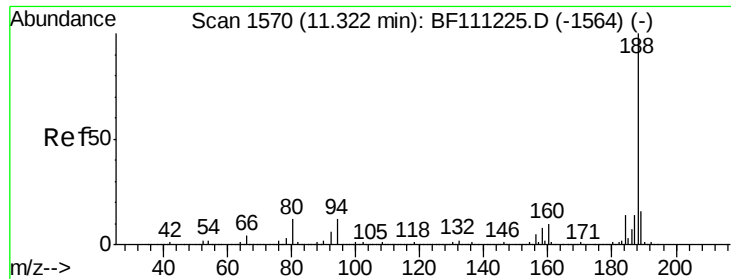
#60
Diethylphthalate
Concen: 2.310 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111288.D
Acq: 11 Dec 2018 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.3	27.5
150	10.9	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-DISSOLVED

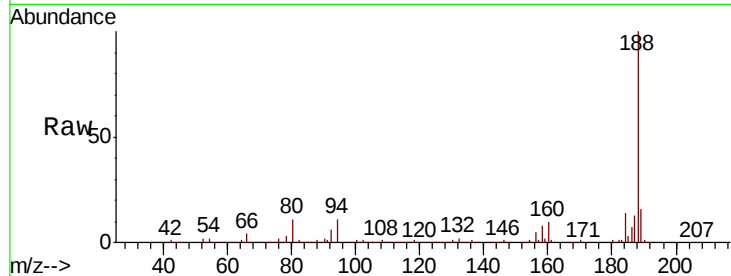
Tgt Ion:188 Resp: 1088488

Ion Ratio Lower Upper

188 100

94 11.2 9.6 14.4

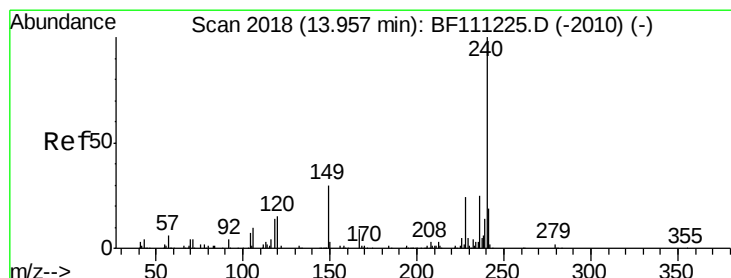
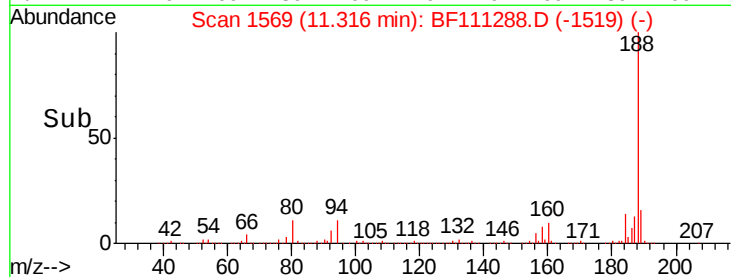
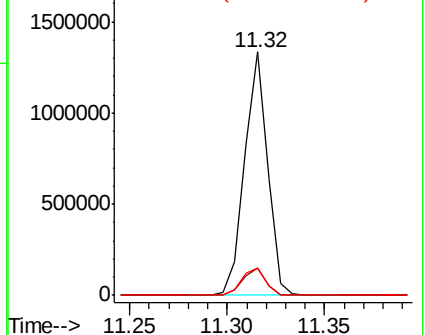
80 11.5 9.8 14.6



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: BF111288.D

Acq: 11 Dec 2018 20:42

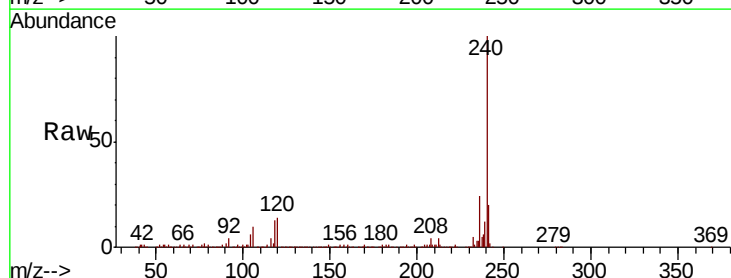
Tgt Ion:240 Resp: 687765

Ion Ratio Lower Upper

240 100

120 13.9 12.2 18.2

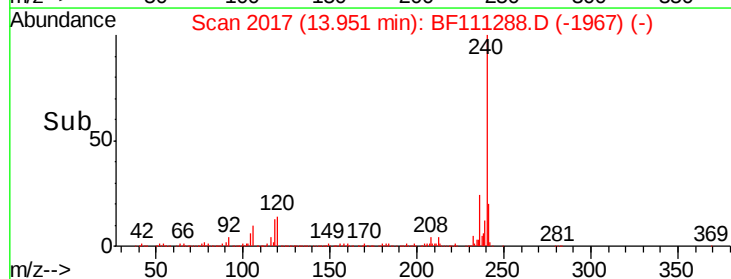
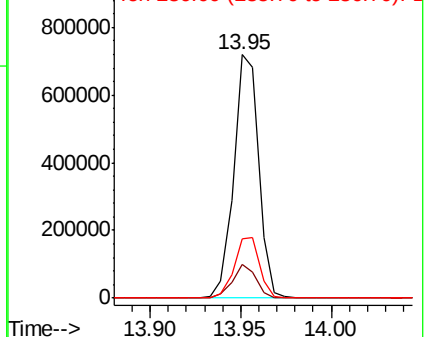
236 24.5 20.2 30.2

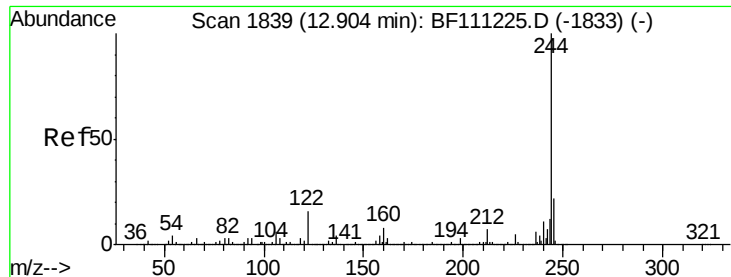


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.807 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-DISSOLVED

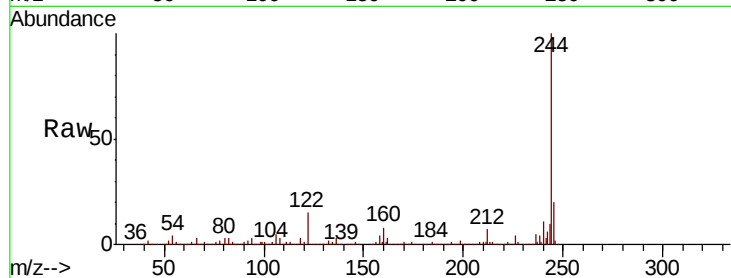
Tgt Ion:244 Resp: 1714855

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

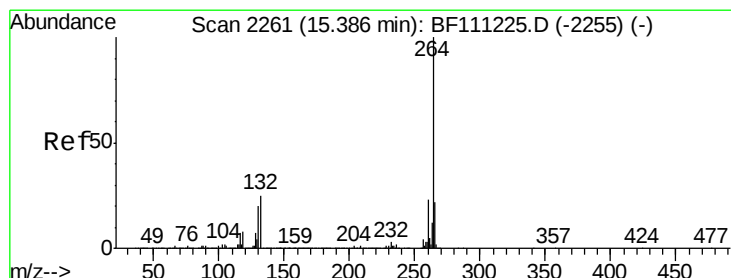
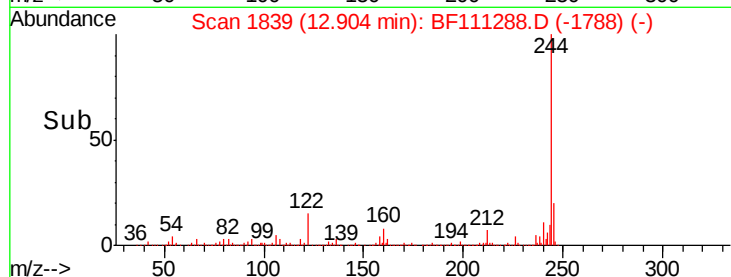
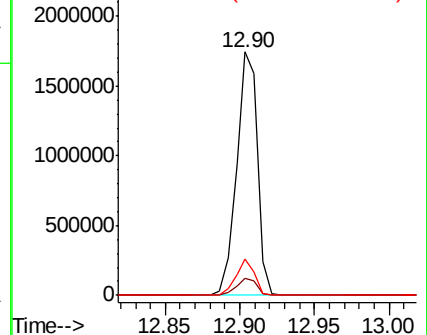
122 14.9 13.1 19.7



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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111288.D

Acq: 11 Dec 2018 20:42

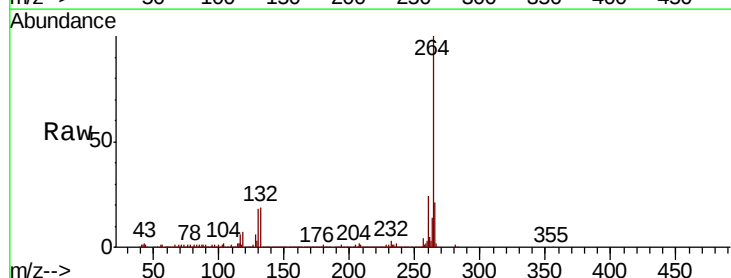
Tgt Ion:264 Resp: 551252

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.4 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

