

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111278.D
 Acq On : 11 Dec 2018 14:59
 Operator : JU/SJ
 Sample : J6196-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 17:04:05 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

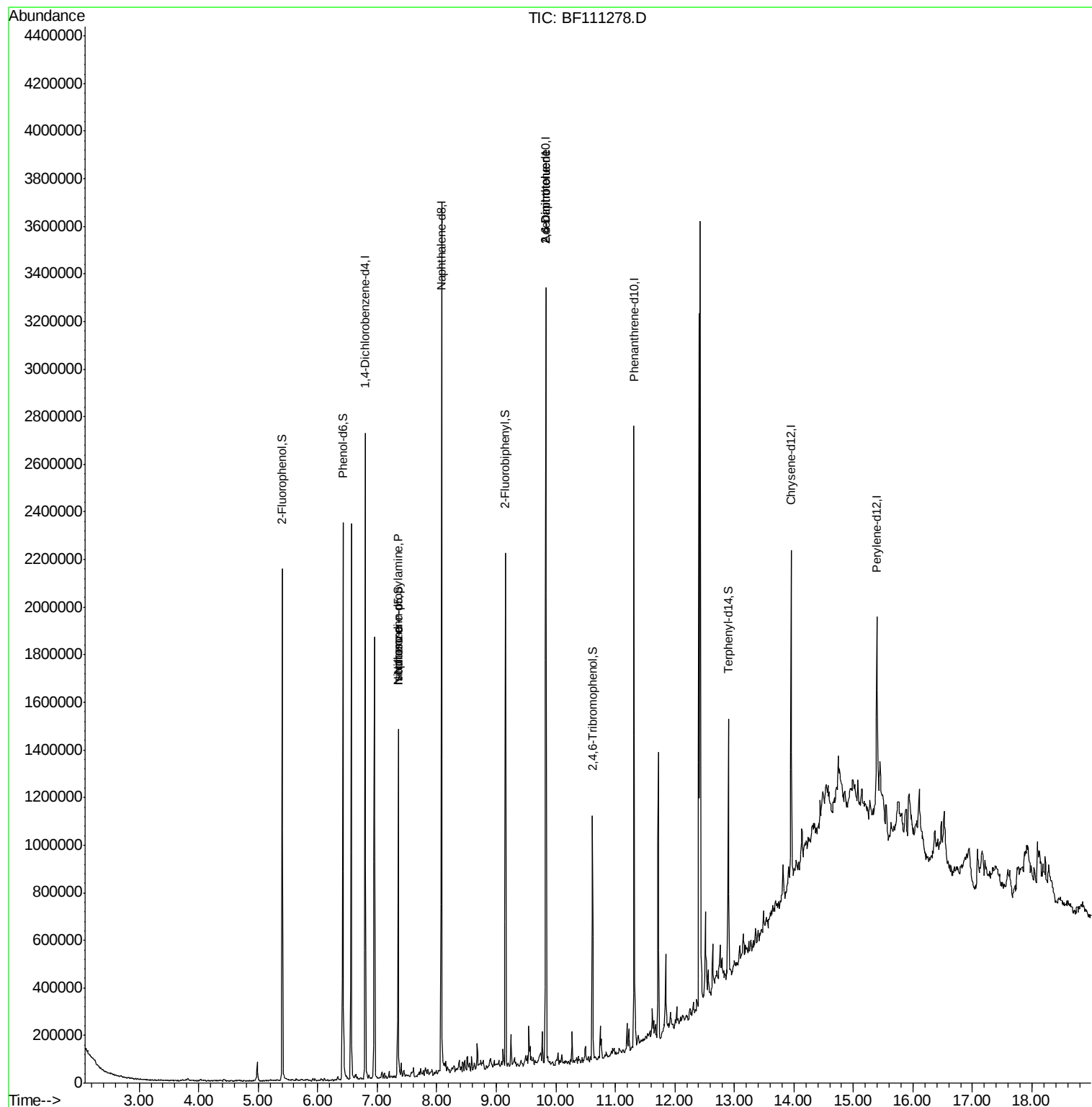
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	376777	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1469293	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	588588	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	856726	20.00	ng	0.00
76) Chrysene-d12	13.96	240	466167	20.00	ng	0.00
87) Perylene-d12	15.40	264	344653	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	558697	23.41	ng	0.00
7) Phenol-d6	6.42	99	710968	23.98	ng	-0.01
23) Nitrobenzene-d5	7.35	82	394888	15.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	96332	18.48	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	670902	13.02	ng	0.00
79) Terphenyl-d14	12.90	244	364151	18.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1846	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	51581	2.597 ng	#	79
25) Isophorone	7.35	82	386355	8.659 ng	#	64
46) 1,1'-Biphenyl	9.26	154	2353	Below Cal	#	80
51) 2,6-Dinitrotoluene	9.83	165	77636	8.095 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	77636	6.566 ng	#	24

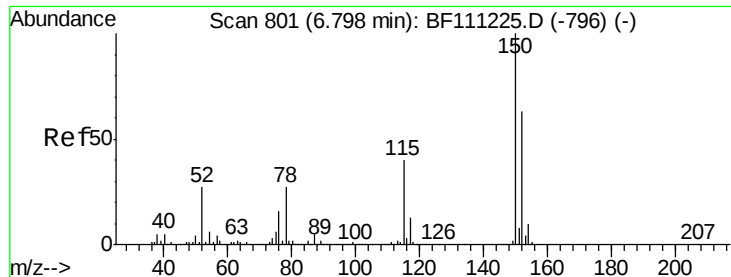
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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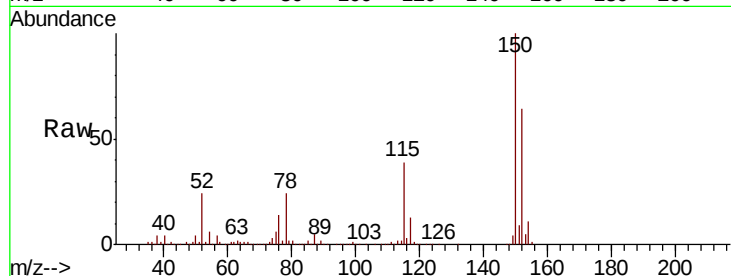


#1

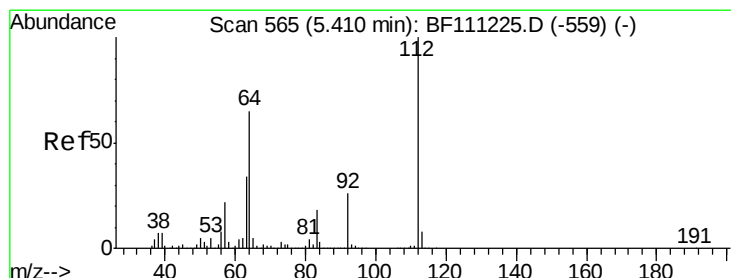
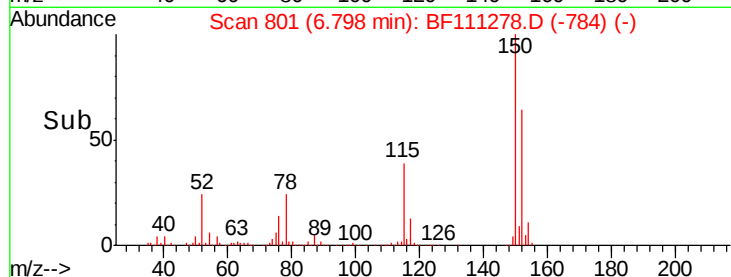
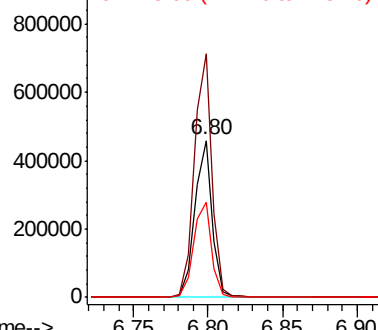
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	60.6	50.7	76.1



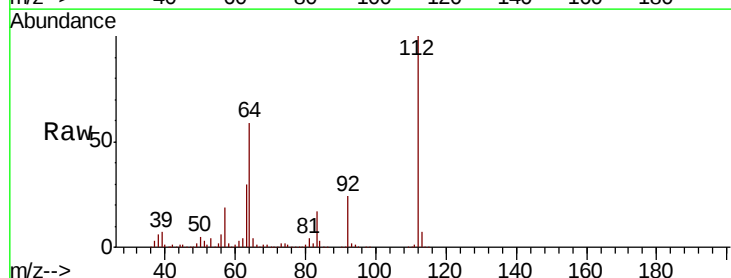
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



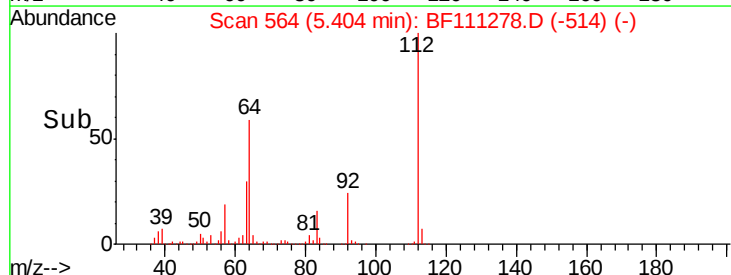
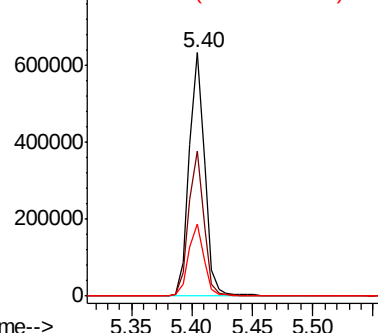
#5

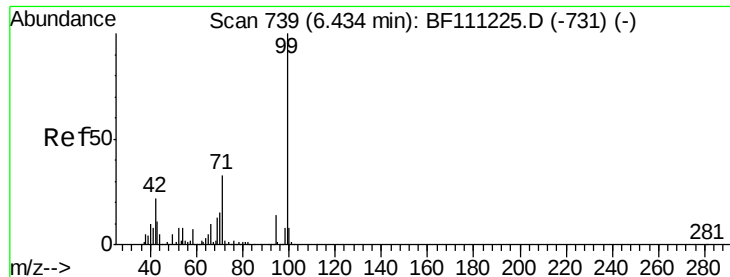
2-Fluorophenol
Concen: 23.415 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	29.7	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: 23.976 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampled :

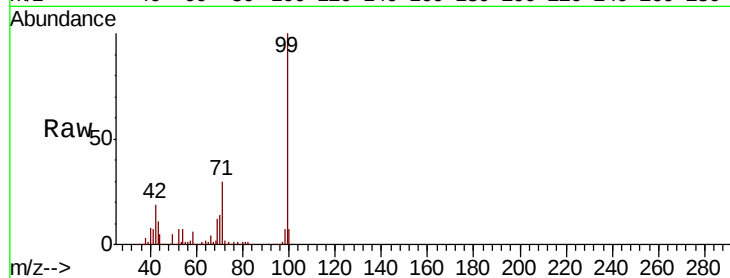
Tot Ion: 99 Resp: 710968

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

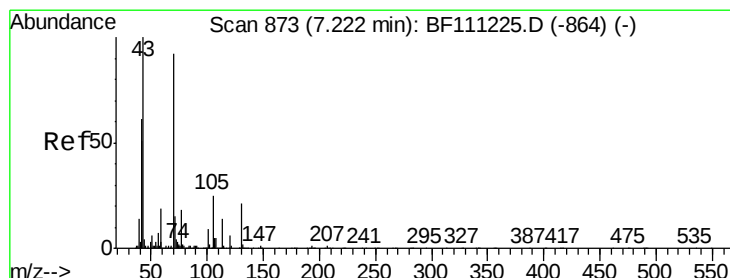
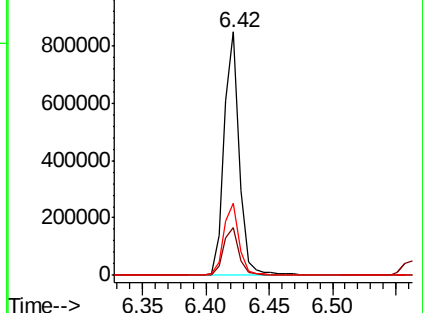
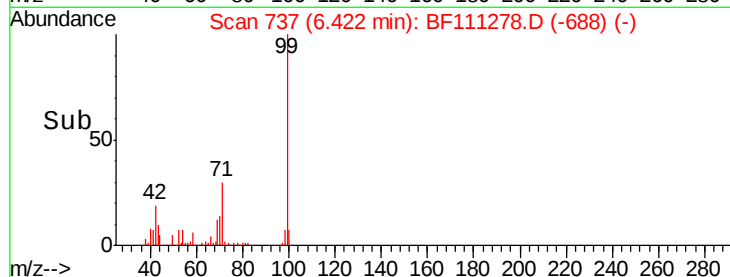
71 29.8 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.597 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.13 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Tgt Ion: 70 Resp: 51581

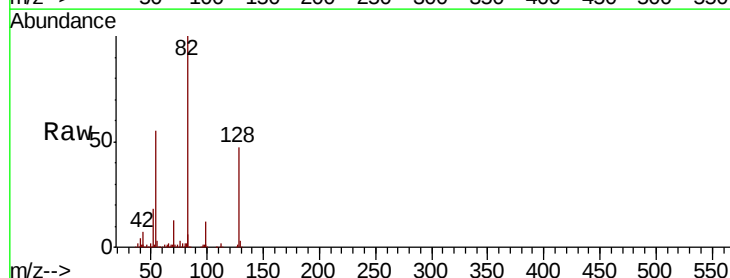
Ion Ratio Lower Upper

70 100

42 56.6 53.2 79.8

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

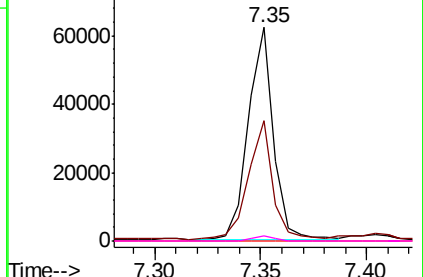
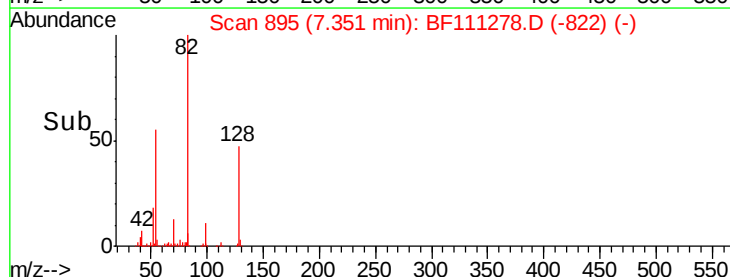


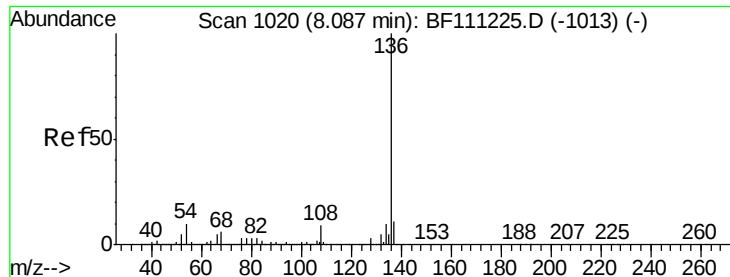
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

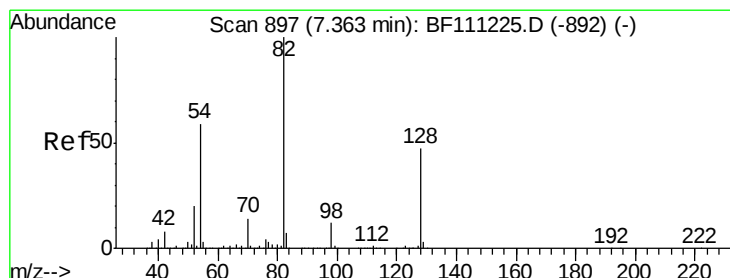
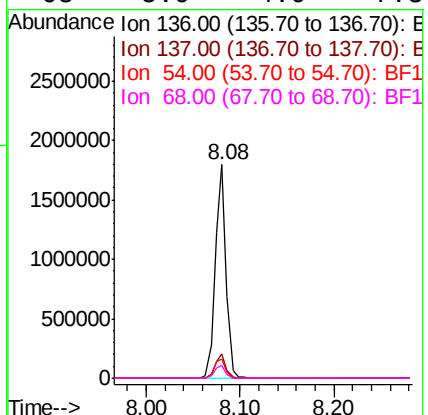
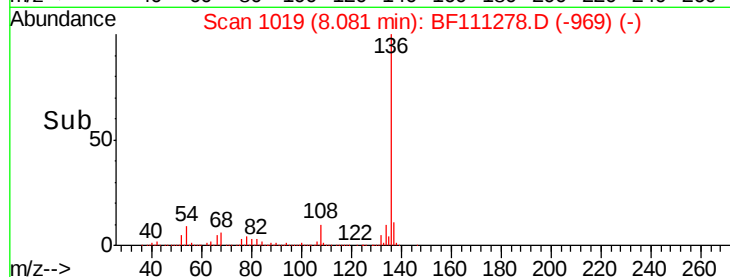
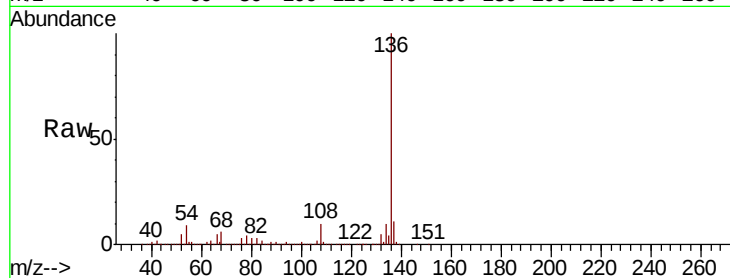




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

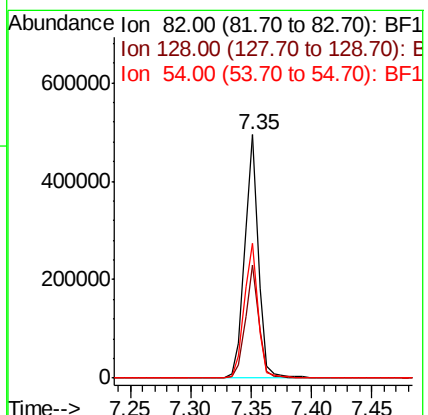
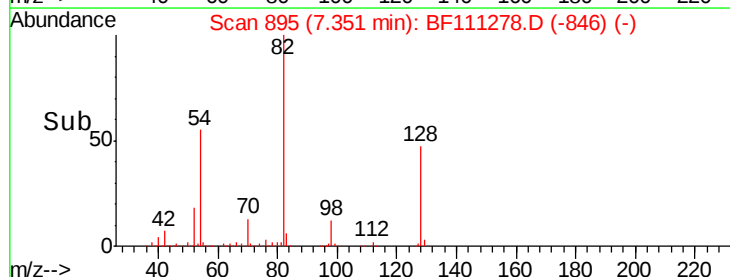
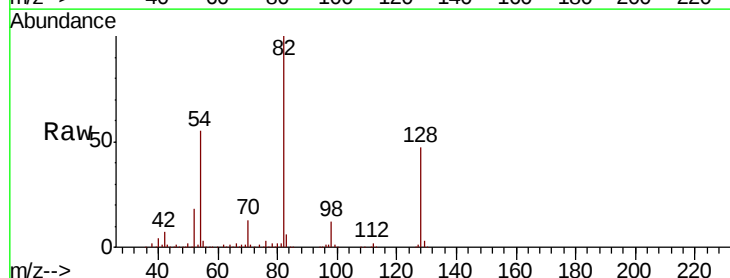
Instrument :
BNA_F
ClientSampleId :

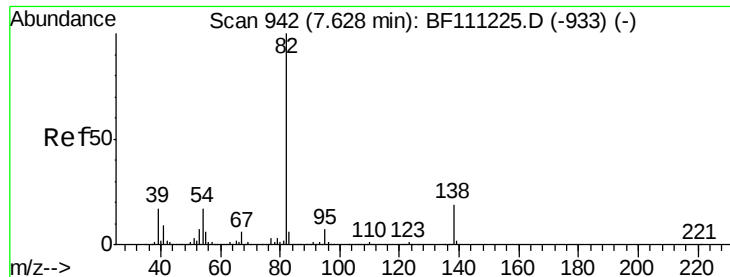
Tot Ion:136	Resp: 1469293
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.1	7.7 11.5
68 5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 15.074 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

Tgt	Ion: 82	Resp:	394888
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.2
54	55.2	47.6	71.4

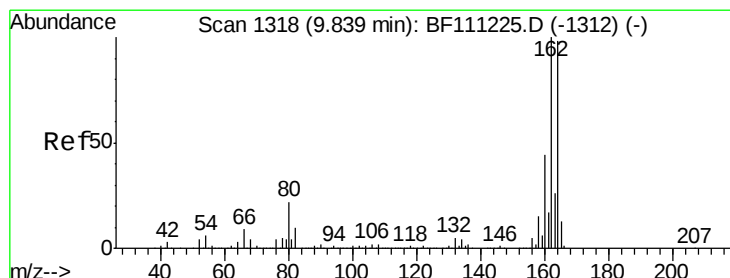
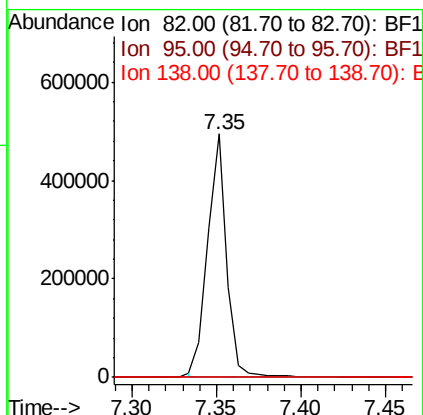
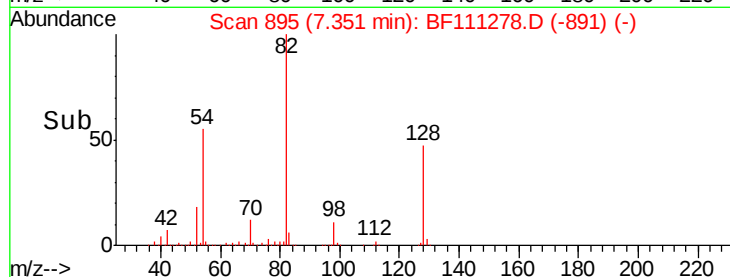
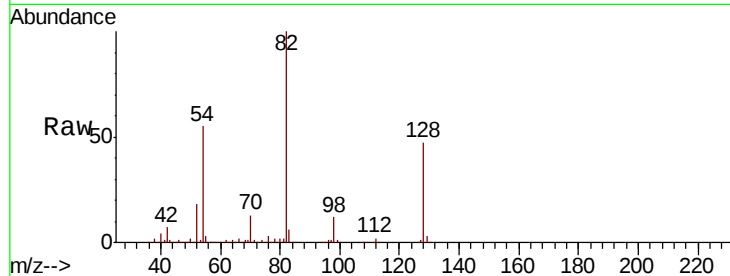




#25
Isophorone
Concen: 8.659 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

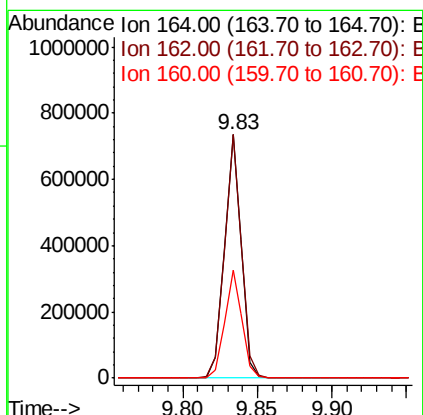
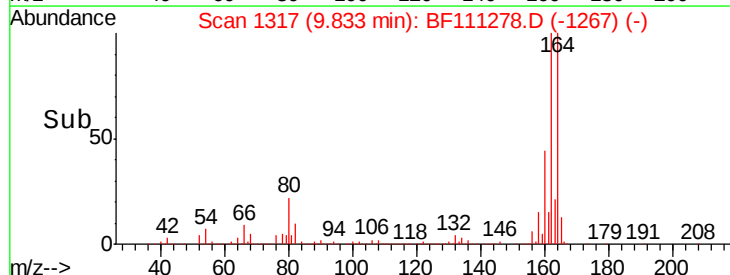
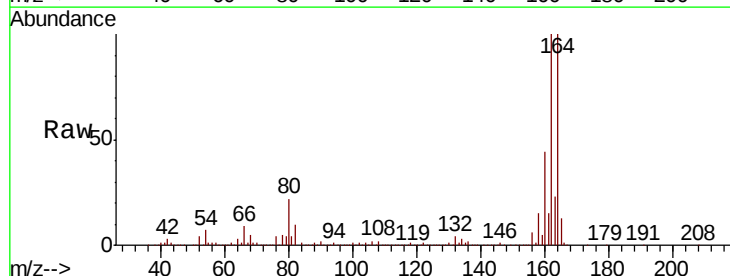
Instrument :
BNA_F
ClientSampleId :

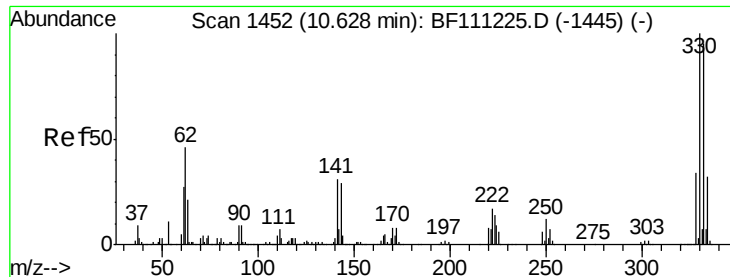
Tot Ion	82	Resp	386355
Ion Ratio	100		
Lower	5.4		
Upper	8.2#		
95	0.2		
138	0.0		
	15.1		
	22.7#		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

Tgt Ion	164	Resp	588588
Ion Ratio	100		
Lower	81.4		
Upper	122.0		
162	100.0		
160	44.2		
	35.7		
	53.5		

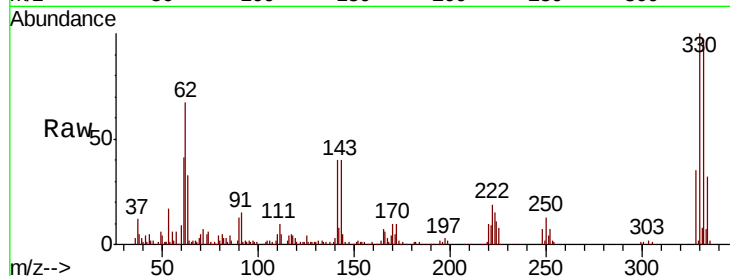




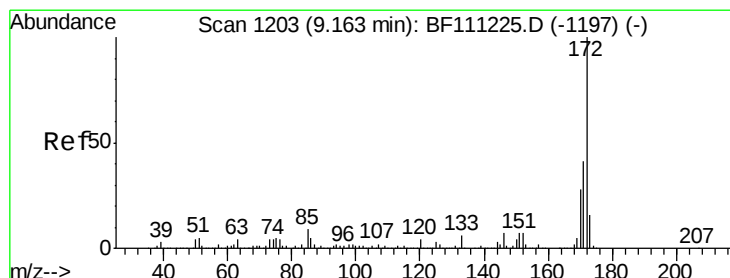
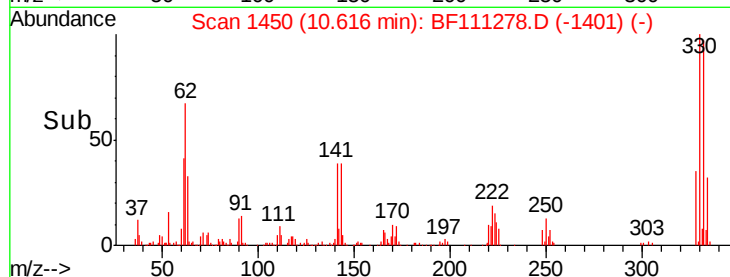
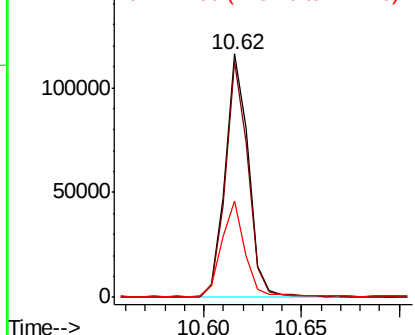
#42
 2,4,6-Tribromophenol
 Concen: 18.476 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96332
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.0 114.0
 141 41.6 31.0 46.6

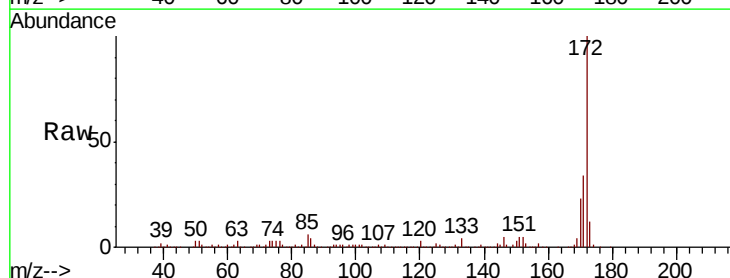


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

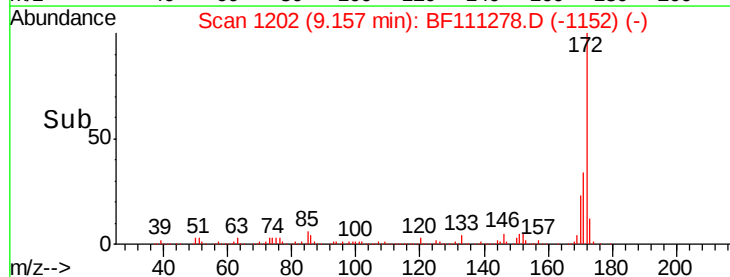
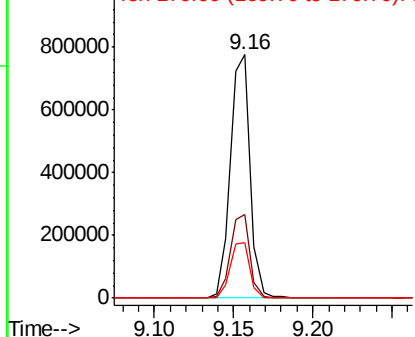


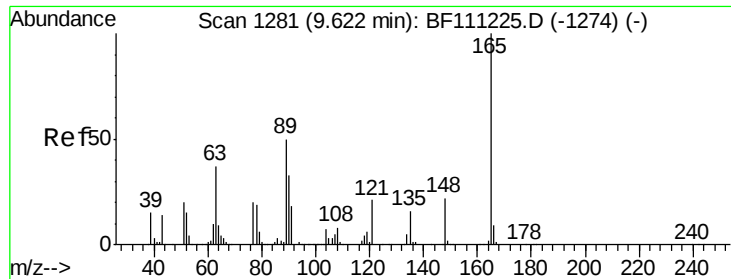
#45
 2-Fluorobiphenyl
 Concen: 13.021 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

Tgt Ion:172 Resp: 670902
 Ion Ratio Lower Upper
 172 100
 171 34.4 33.0 49.4
 170 22.9 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





#51

2,6-Dinitrotoluene

Concen: 8.095 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampleId :

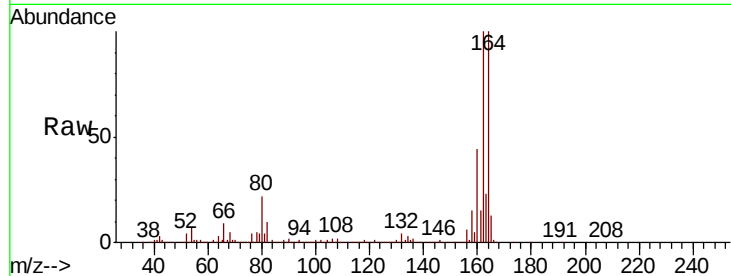
Tot Ion:165 Resp: 77636

Ion Ratio Lower Upper

165 100

63 1.5 40.5 60.7#

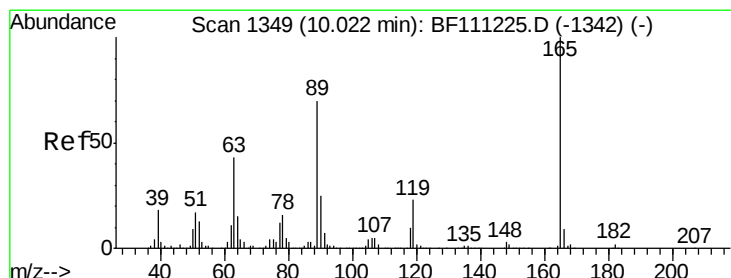
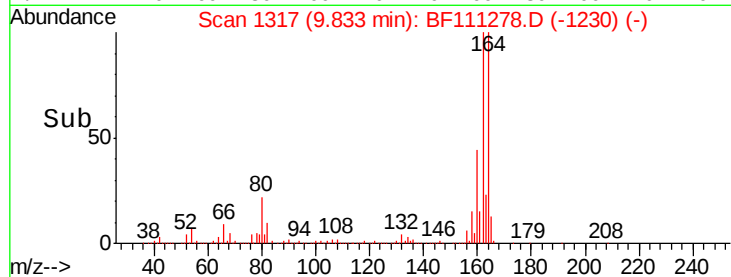
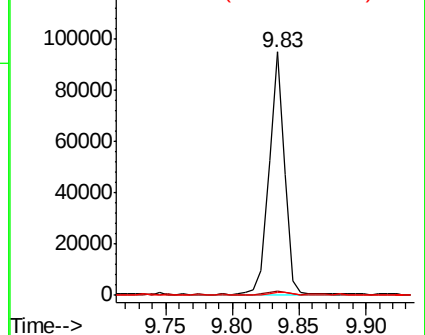
89 1.0 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 6.566 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Tgt Ion:165 Resp: 77636

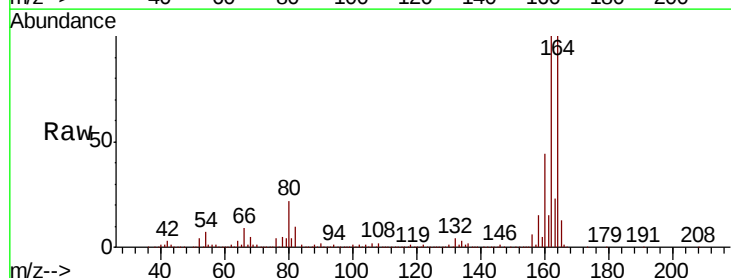
Ion Ratio Lower Upper

165 100

63 1.5 34.6 52.0#

89 1.0 56.2 84.4#

182 0.0 1.8 2.6#

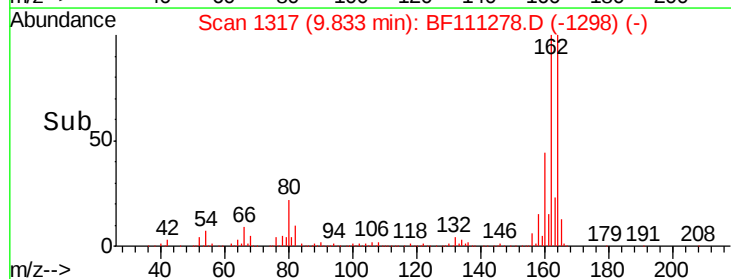
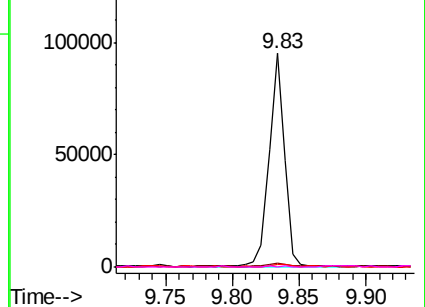


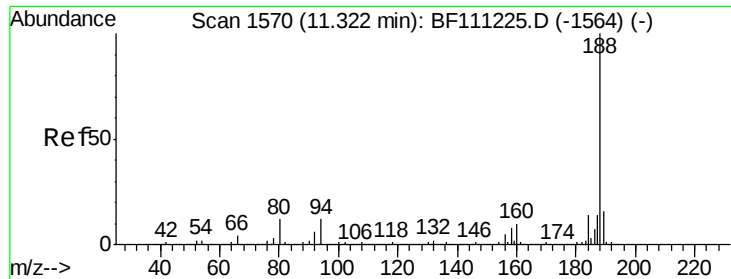
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampleId :

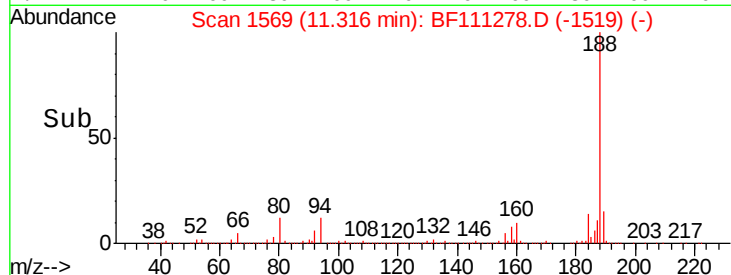
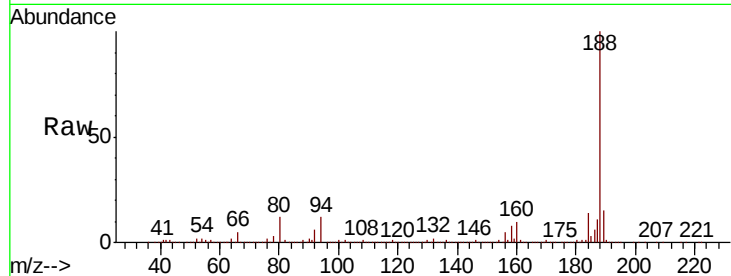
Tot Ion:188 Resp: 856726

Ion Ratio Lower Upper

188 100

94 11.7 9.6 14.4

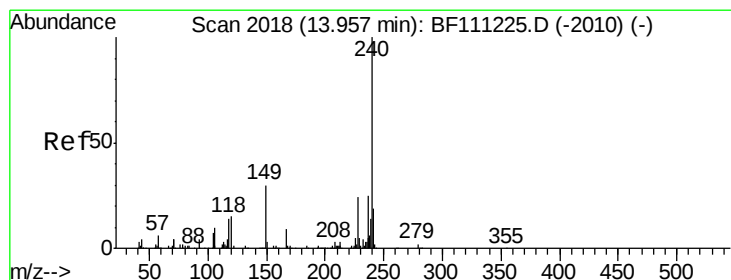
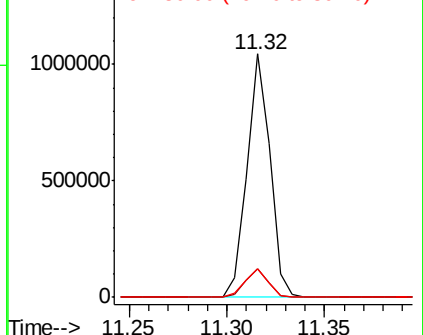
80 11.9 9.8 14.6



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: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

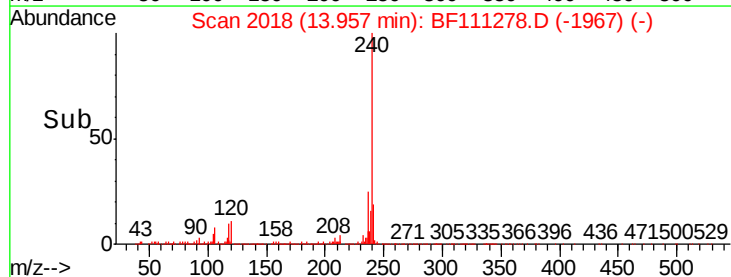
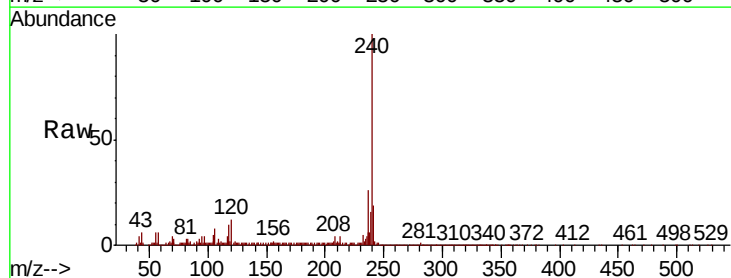
Tgt Ion:240 Resp: 466167

Ion Ratio Lower Upper

240 100

120 11.9 12.2 18.2#

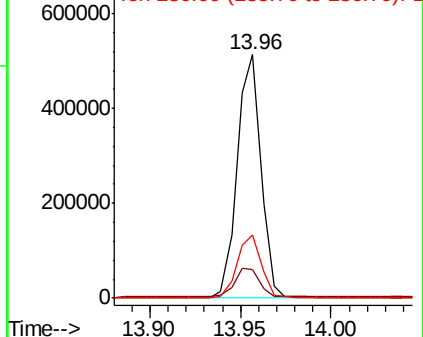
236 25.7 20.2 30.2

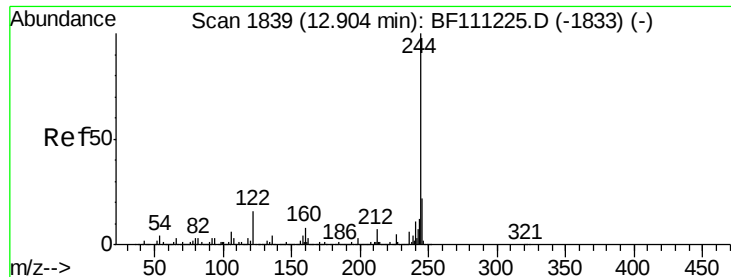


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.737 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampleId :

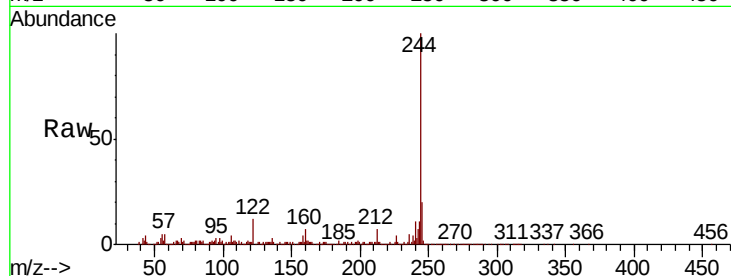
Tot Ion:244 Resp: 364151

Ion Ratio Lower Upper

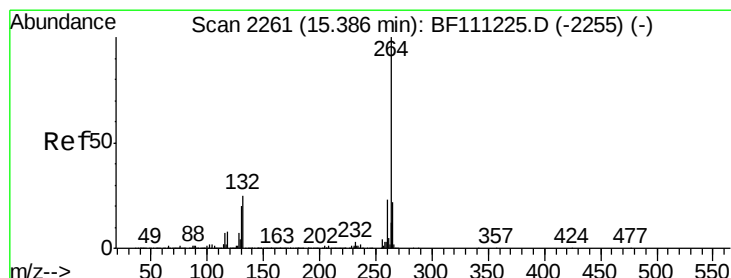
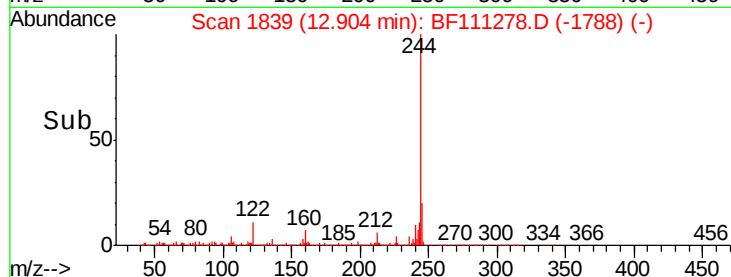
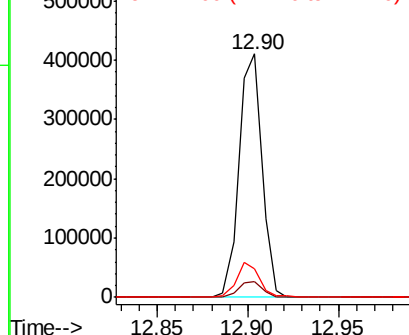
244 100

212 6.6 5.7 8.5

122 11.7 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: BF111278.D

Acq: 11 Dec 2018 14:59

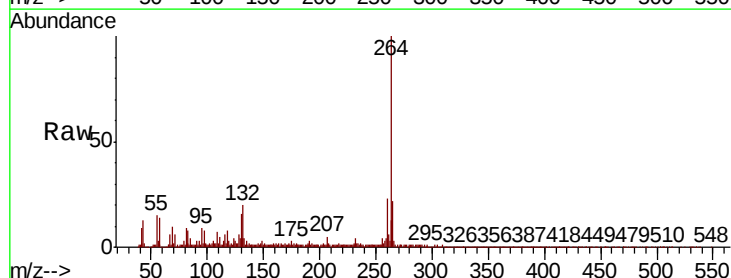
Tgt Ion:264 Resp: 344653

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 22.3 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

