

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111573.D
 Acq On : 18 Dec 2018 7:54
 Operator : JU/SJ
 Sample : J6403-64
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 10:25:34 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

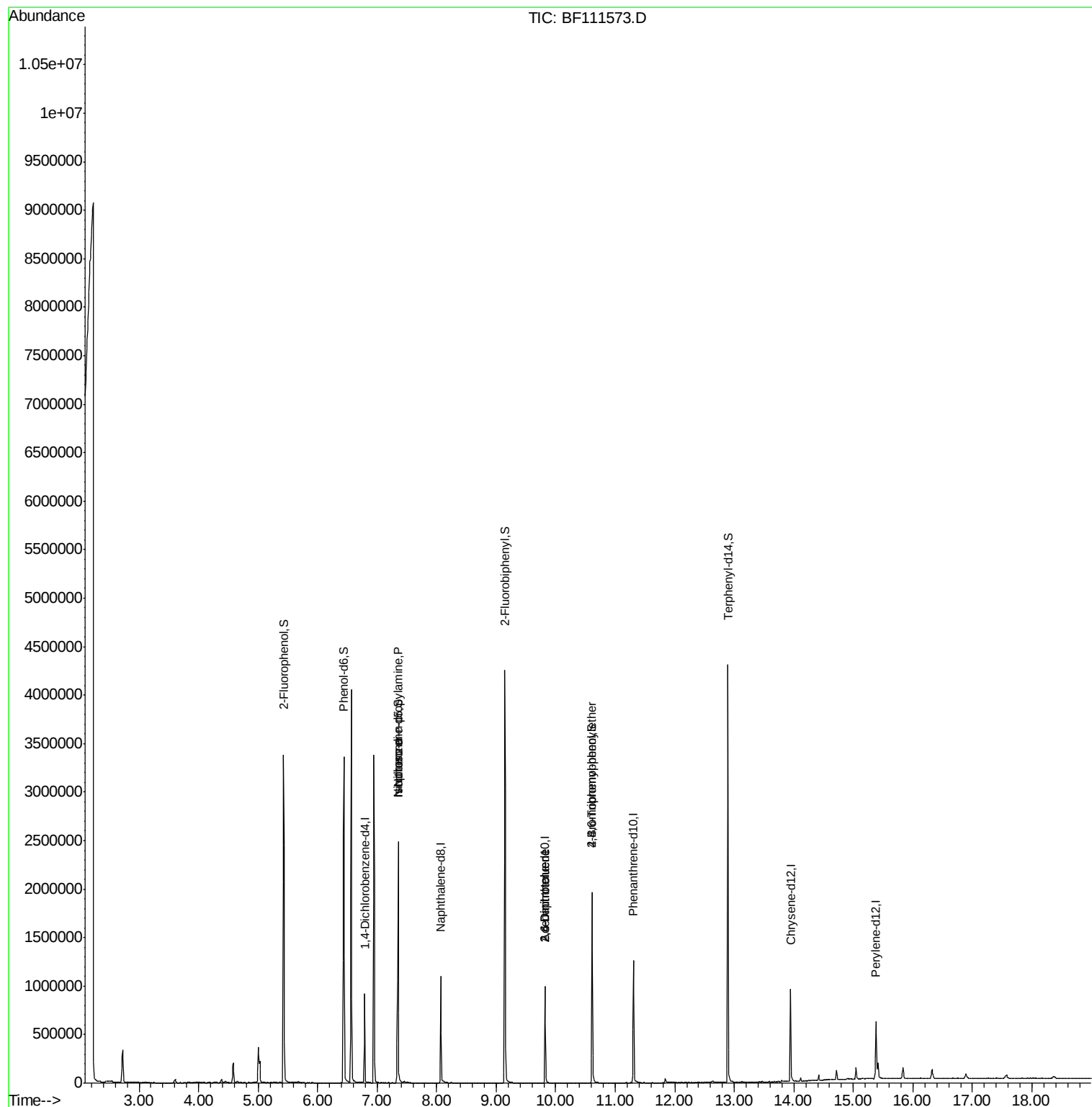
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121258	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	487960	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	198529	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	476941	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	368542	20.00	ng	0.00
87) Perylene-d12	15.38	264	285353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	925267	126.98	ng	0.01
7) Phenol-d6	6.44	99	1135805	117.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	810522	98.91	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	215347	121.09	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1368278	106.46	ng	-0.01
79) Terphenyl-d14	12.89	244	1506827	96.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	108438	16.957	ng	# 79
25) Isophorone	7.35	82	810517	58.458	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	24797	7.705	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	24797	5.870	ng	# 25
67) 4-Bromophenyl-phenylether	10.61	248	13691	2.663	ng	# 1

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

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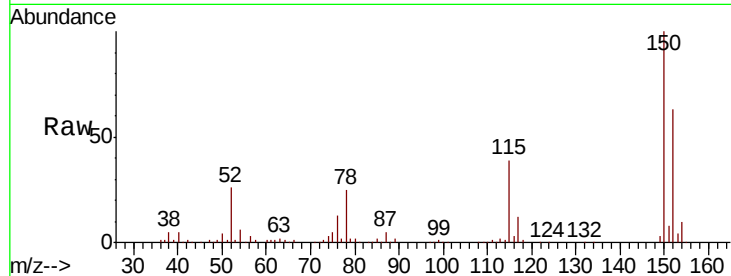


#1

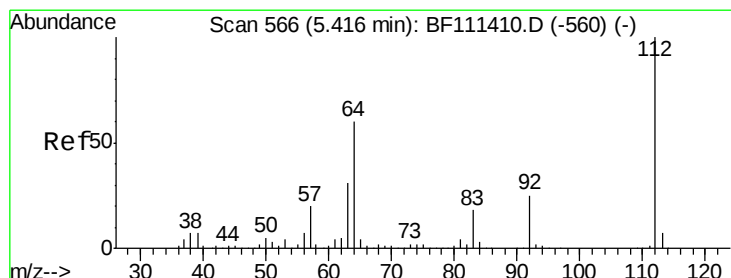
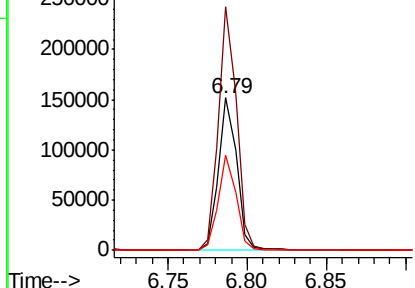
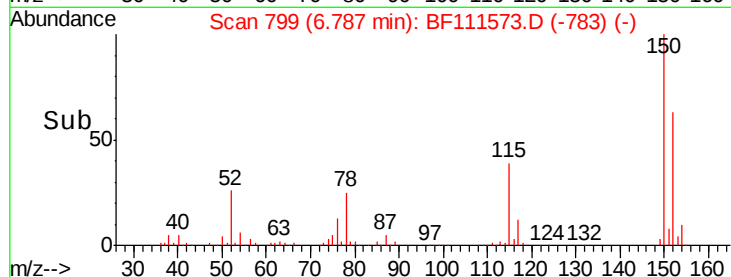
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 121258
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.6 189.8
 115 62.6 50.7 76.1



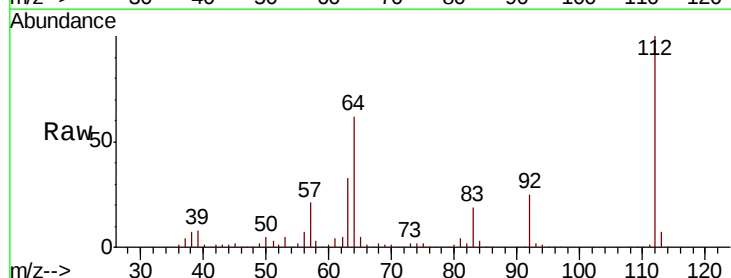
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



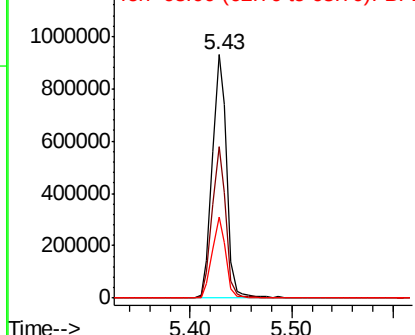
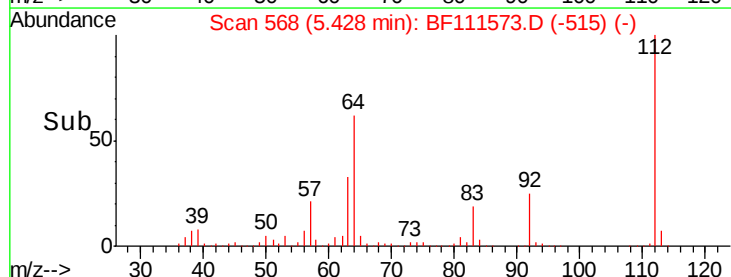
#5

2-Fluorophenol
 Concen: 126.977 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Tgt Ion:112 Resp: 925267
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.8 77.6
 63 33.1 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: 117.180 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

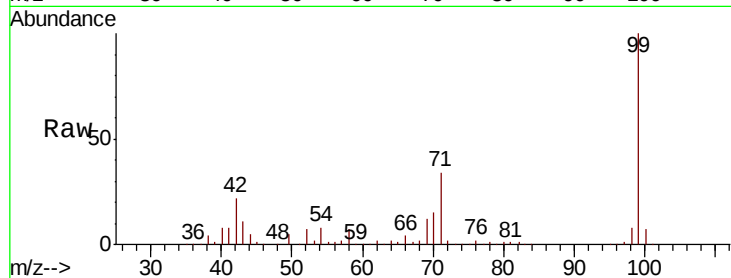
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1135805

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	33.8	26.1	39.1

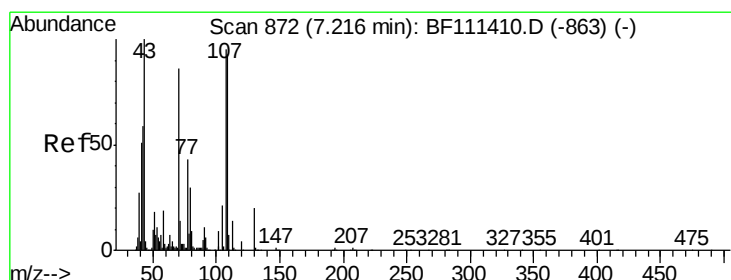
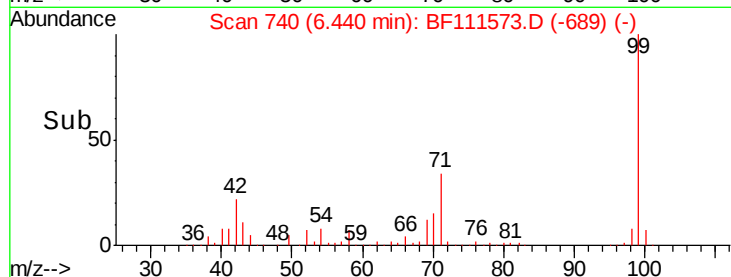
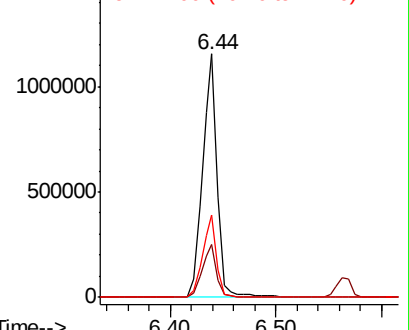


Abundance

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: 16.957 ng

RT: 7.35 min Scan# 895

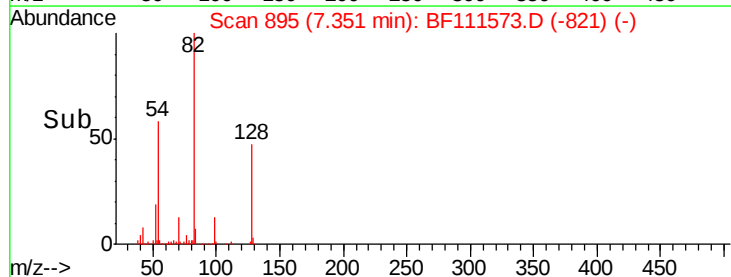
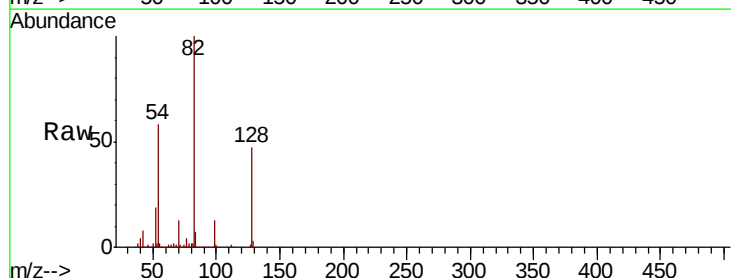
Delta R.T. 0.14 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Tgt Ion: 70 Resp: 108438

Ion	Ratio	Lower	Upper
70	100		
42	56.0	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#



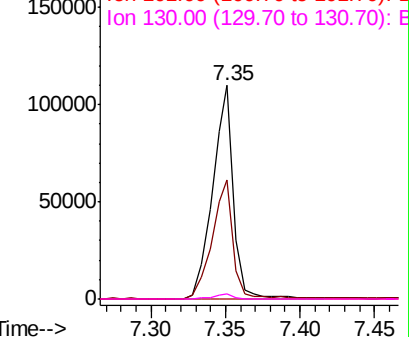
Abundance

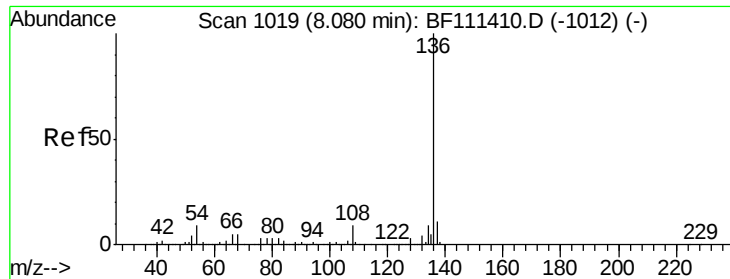
Ion 70.00 (69.70 to 70.70): BF1

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

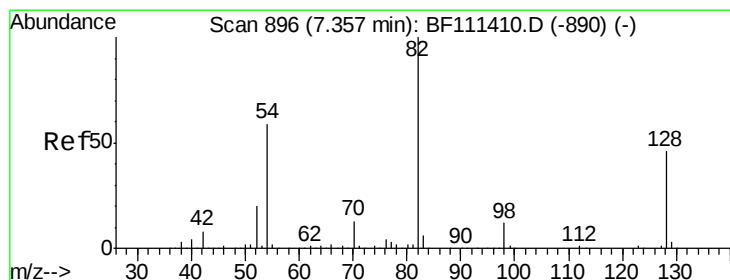
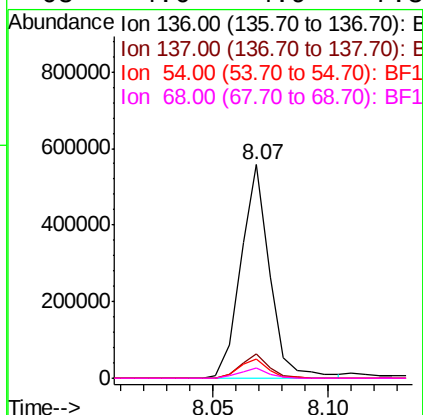
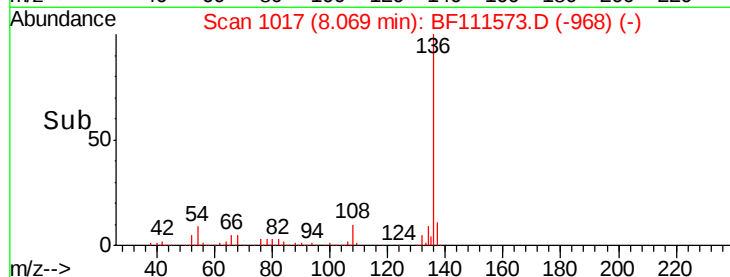
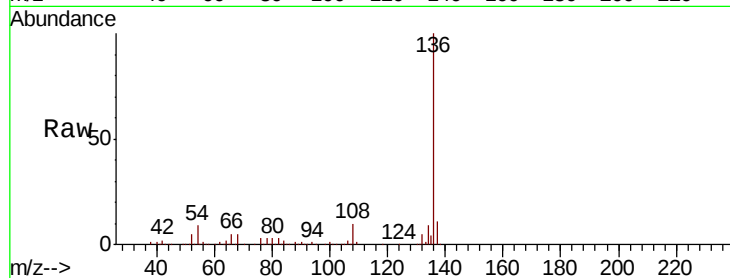




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

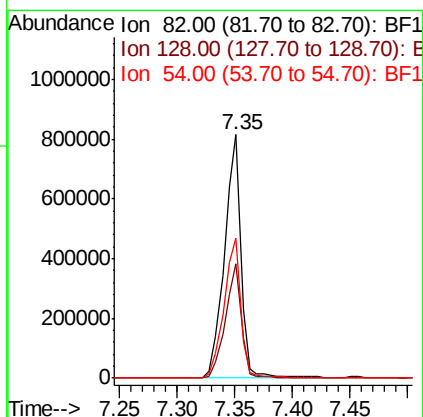
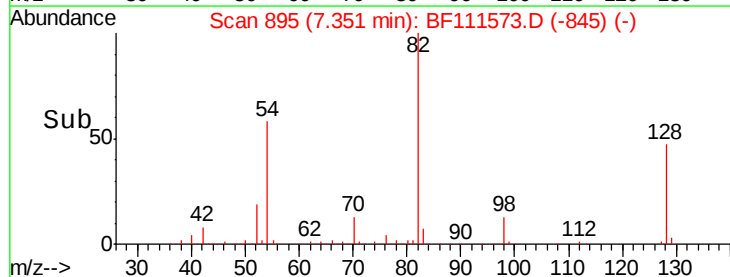
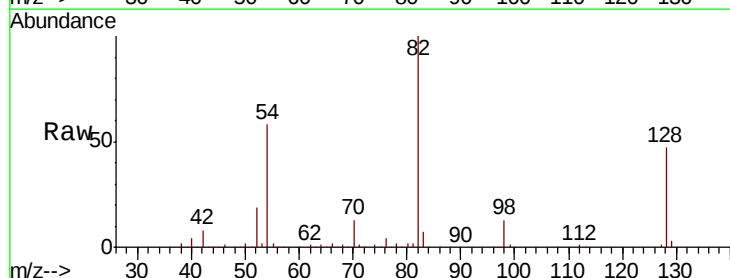
Instrument :
BNA_F
ClientSampleId :

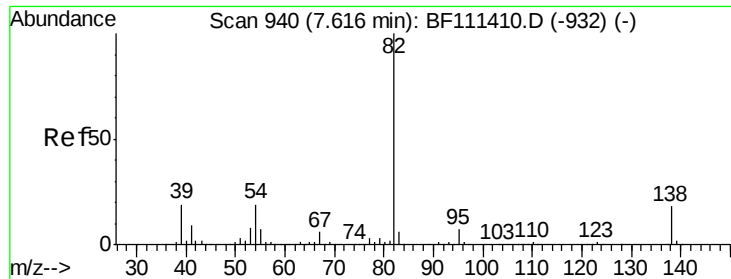
Tot Ion:	136	Resp:	487960
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.8	7.7	11.5
68	4.6	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 98.913 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

Tgt Ion:	82	Resp:	810522
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	57.7	47.6	71.4

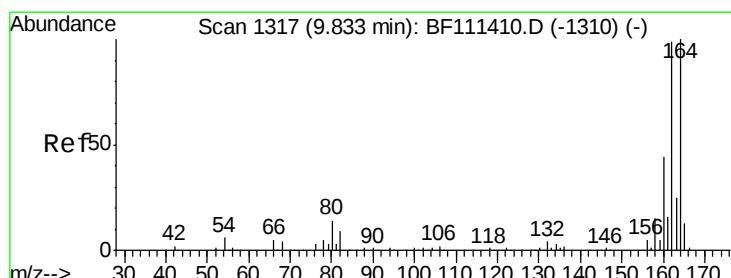
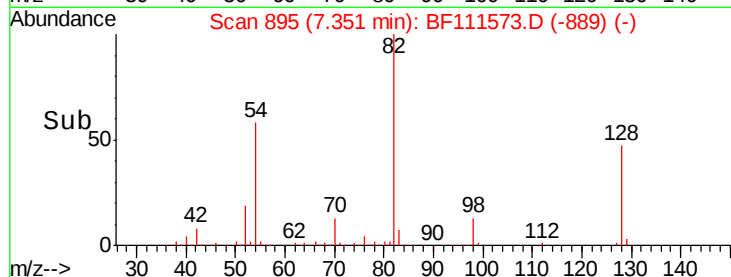
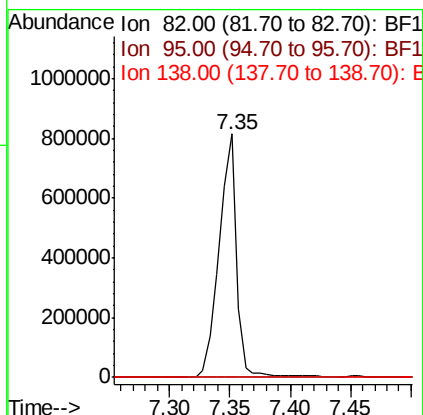
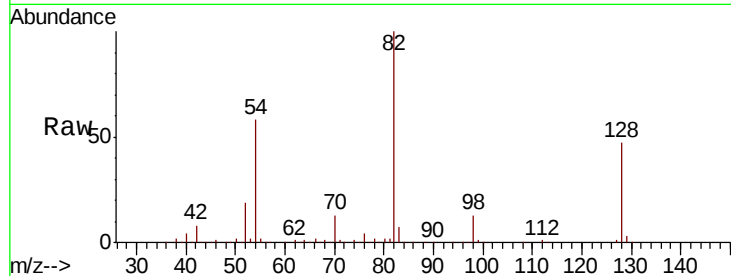




#25
Isophorone
Concen: 58.458 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

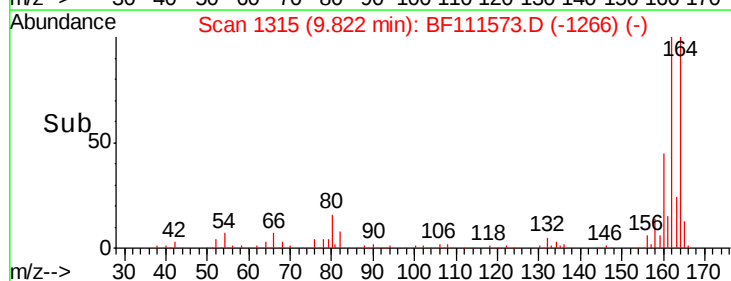
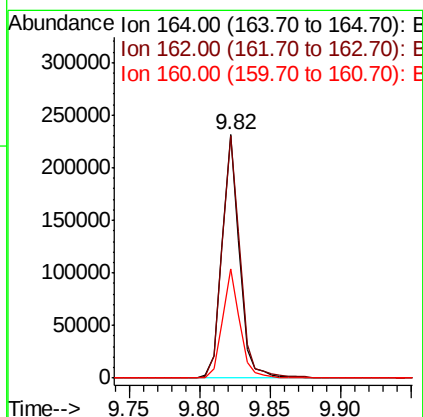
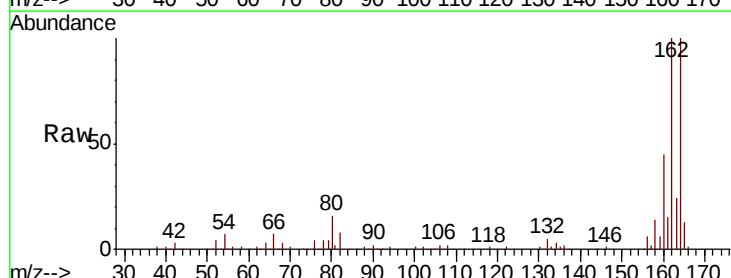
Instrument :
BNA_F
ClientSampleId :

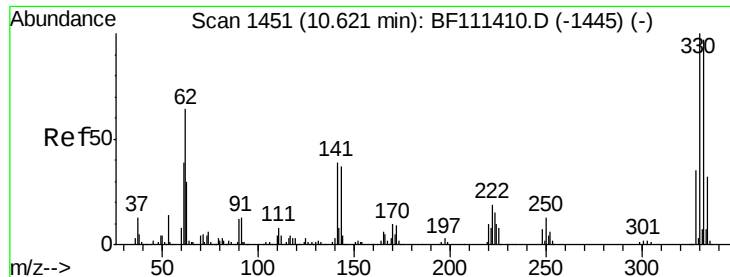
Tot Ion: 82 Resp: 810517
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

Tgt Ion: 164 Resp: 198529
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.1 35.7 53.5

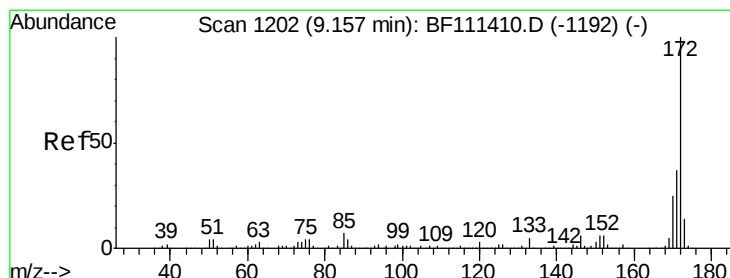
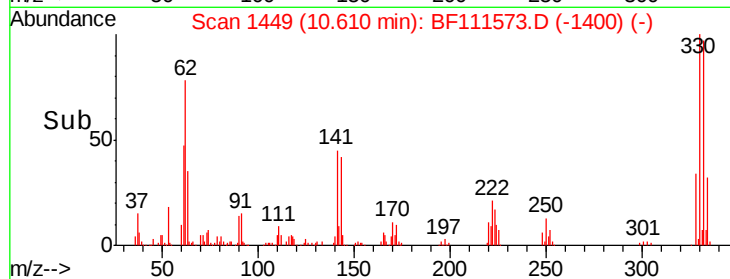
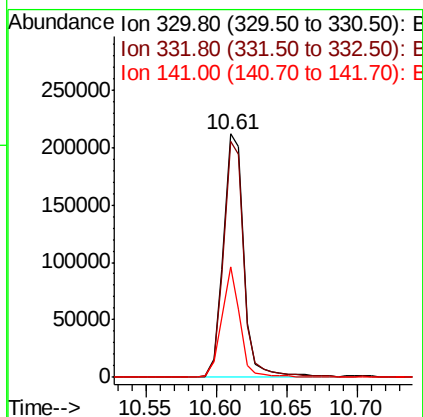
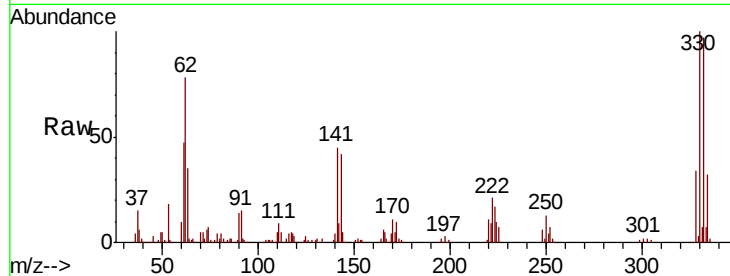




#42
 2,4,6-Tribromophenol
 Concen: 121.090 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

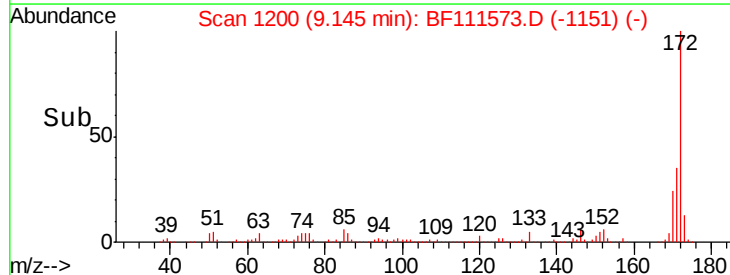
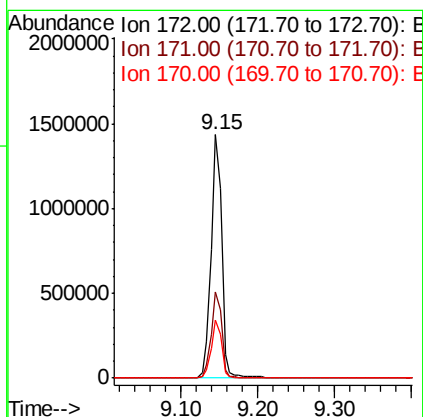
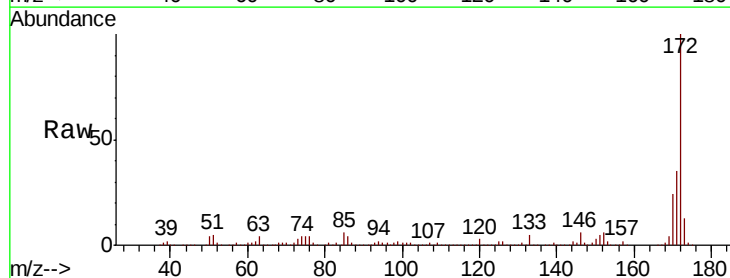
Instrument :
 BNA_F
 ClientSampleId :

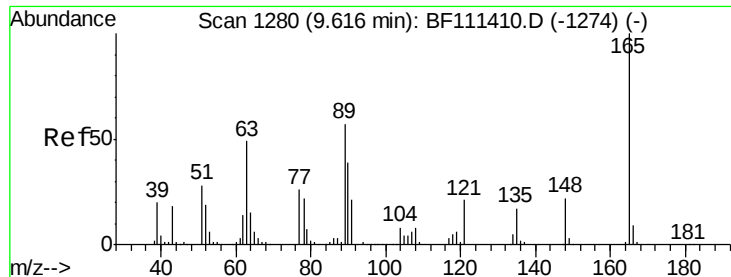
Tot Ion:330 Resp: 215347
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 40.5 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 106.458 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Tgt Ion:172 Resp: 1368278
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.7 22.3 33.5





#51

2,6-Dinitrotoluene

Concen: 7.705 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF111573.D

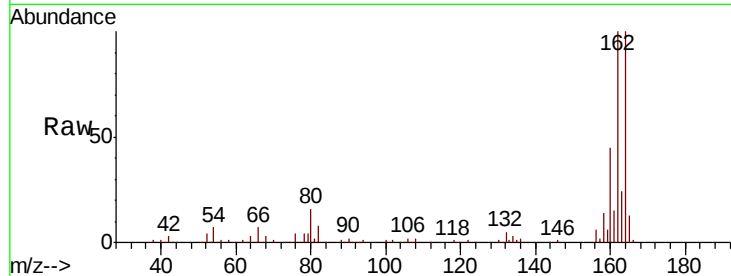
Acq: 18 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

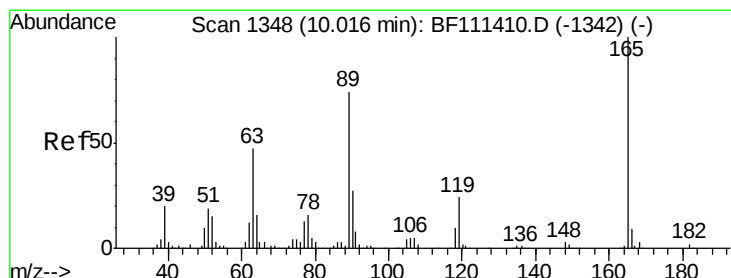
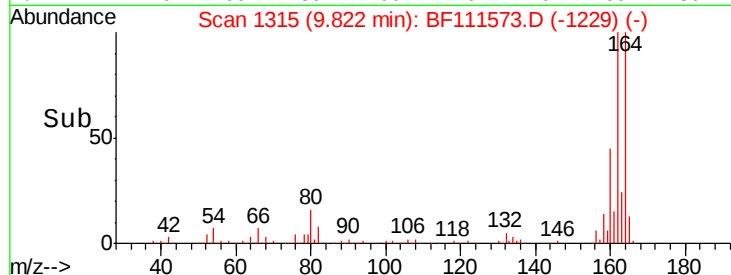
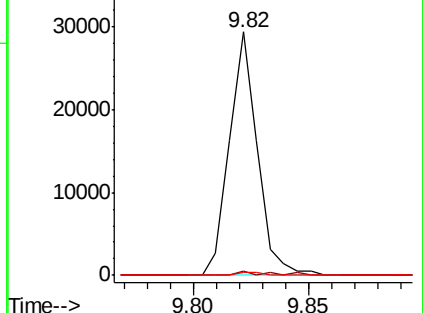
Tot Ion:165	Resp:	24797
Ion Ratio	Lower	Upper
165	100	
63	1.6	40.5 60.7#
89	1.4	40.0 60.0#



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: 5.870 ng

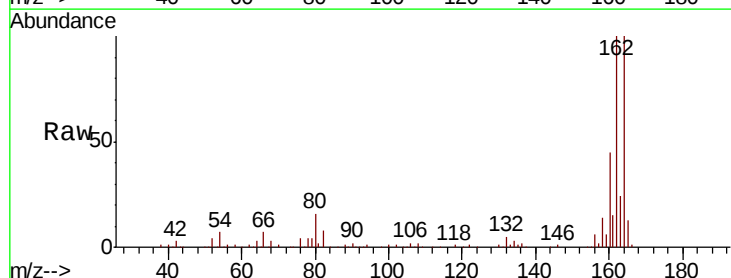
RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Tgt Ion:165	Resp:	24797
Ion Ratio	Lower	Upper
165	100	
63	1.6	34.6 52.0#
89	1.4	56.2 84.4#
182	0.0	1.8 2.6#

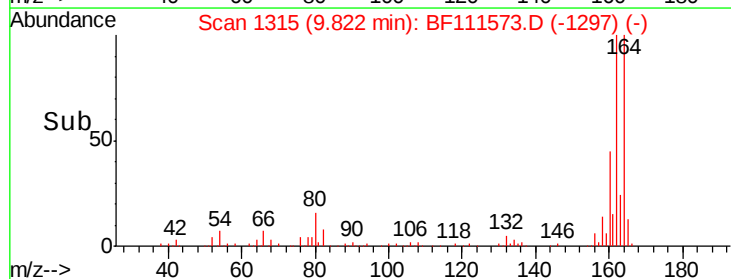
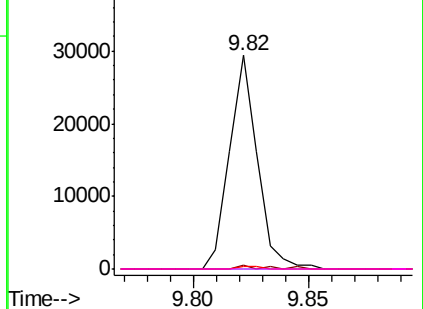


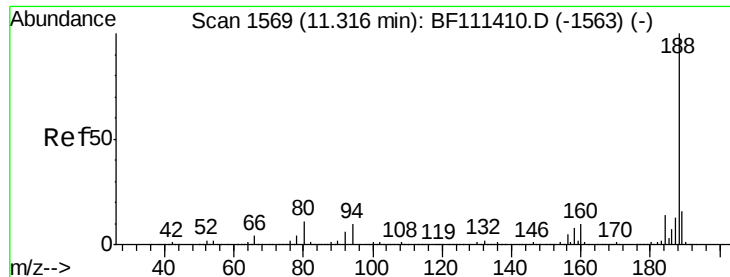
Abundance Ion 165.00 (164.70 to 165.70): E

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

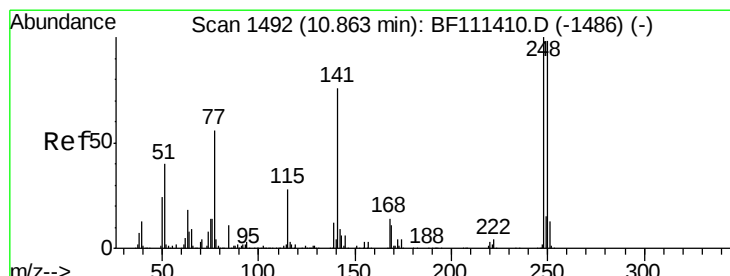
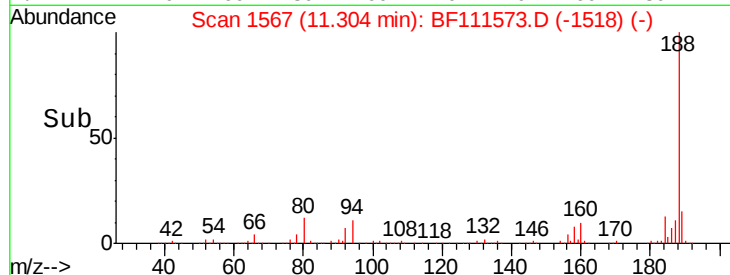
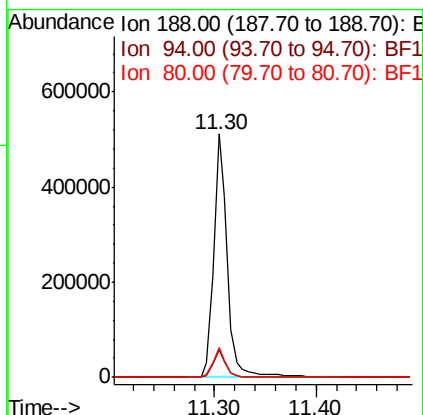
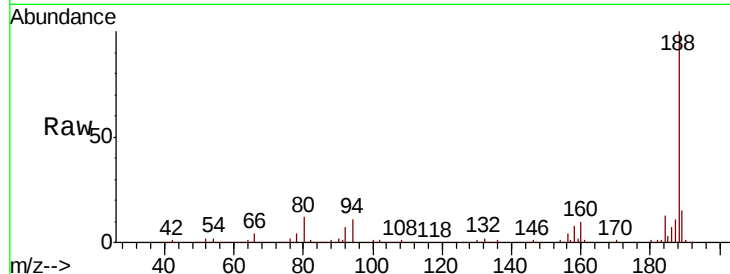




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

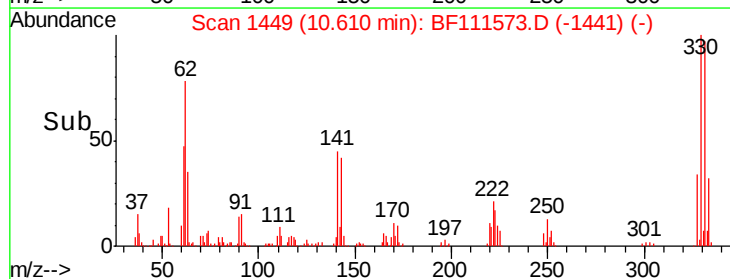
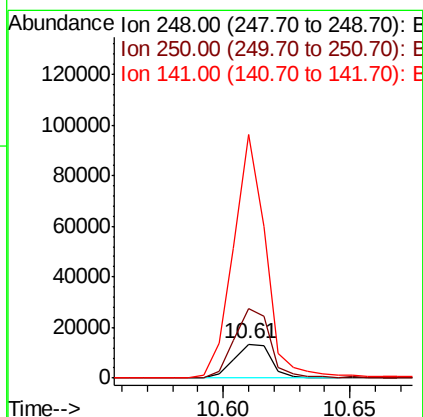
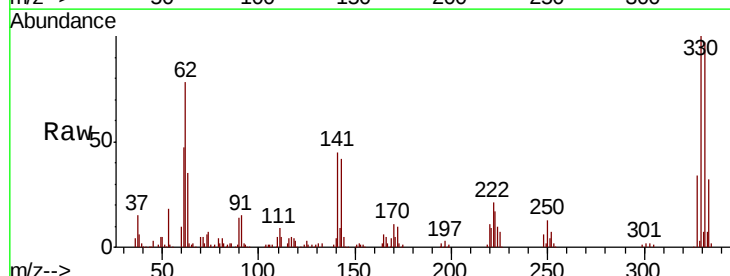
Instrument :
BNA_F
ClientSampleId :

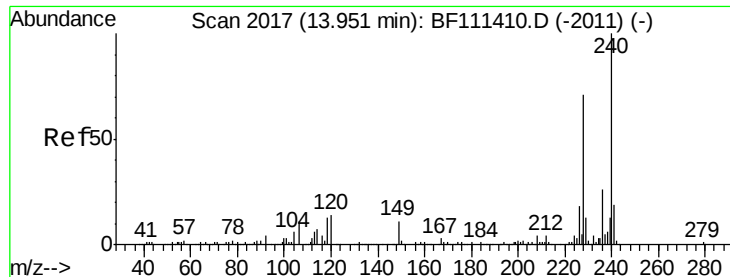
Tot Ion:188 Resp: 476941
Ion Ratio Lower Upper
188 100
94 11.3 9.6 14.4
80 12.2 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 2.663 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

Tgt Ion:248 Resp: 13691
Ion Ratio Lower Upper
248 100
250 204.0 77.0 115.4#
141 713.8 63.0 94.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

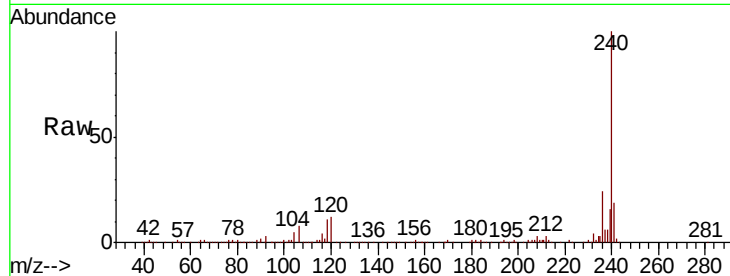
Tot Ion:240 Resp: 368542

Ion Ratio Lower Upper

240 100

120 12.1 12.2 18.2#

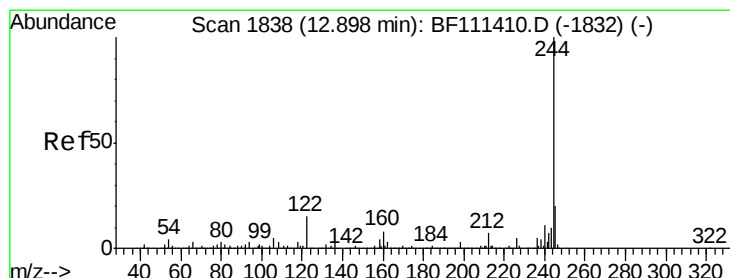
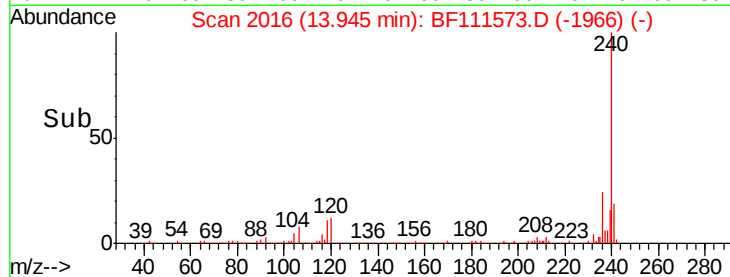
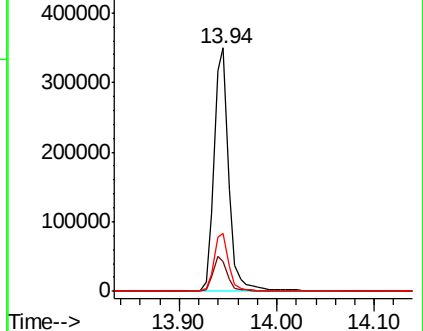
236 23.7 20.2 30.2



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: 96.010 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

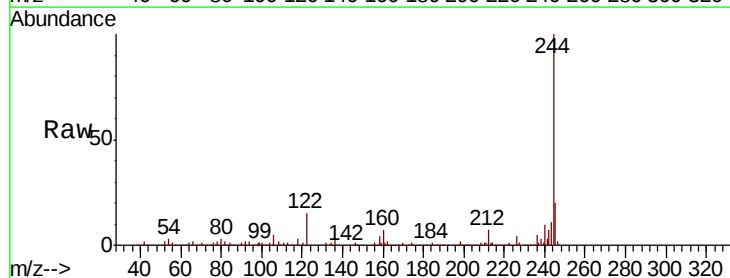
Tgt Ion:244 Resp: 1506827

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

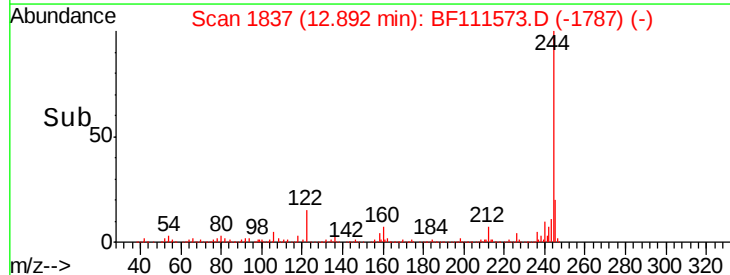
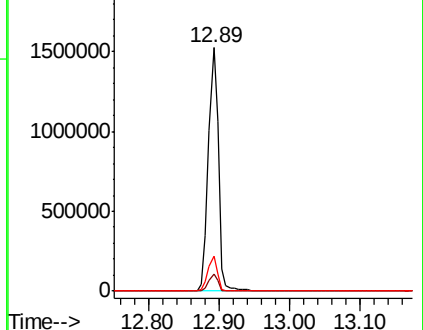
122 14.6 13.1 19.7

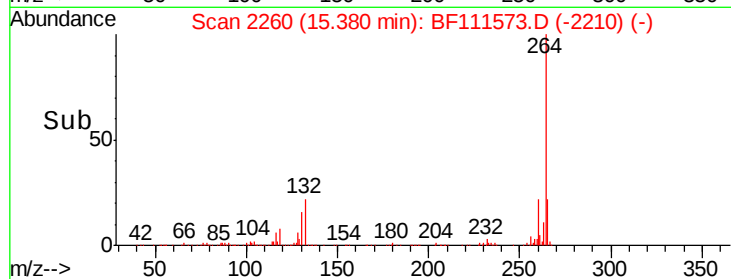
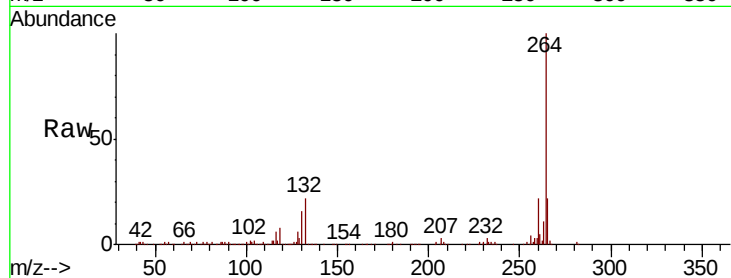
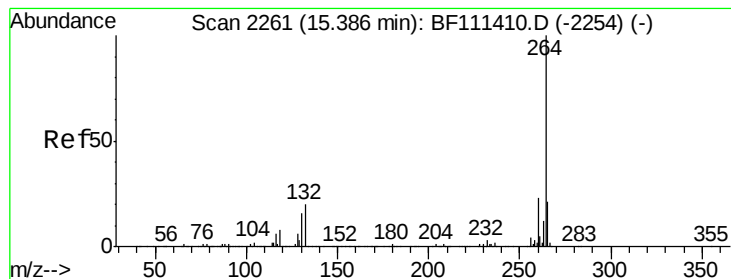


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 285353

Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 21.9 17.7 26.5

