

Data File : BF111499.D
Acq On : 16 Dec 2018 6:59
Operator : JU/SJ
Sample : J6373-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Quant Time: Dec 17 01:00:40 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	142811	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	534674	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	209808	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	322818	20.00	ng	0.00
76) Chrysene-d12	13.94	240	296086	20.00	ng	0.00
87) Perylene-d12	15.39	264	201753	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	947608	110.42	ng	0.01
7) Phenol-d6	6.43	99	1045337	91.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	778962	86.76	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	213611	113.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1376884	101.37	ng	0.00
79) Terphenyl-d14	12.90	244	1193145	94.63	ng	0.00

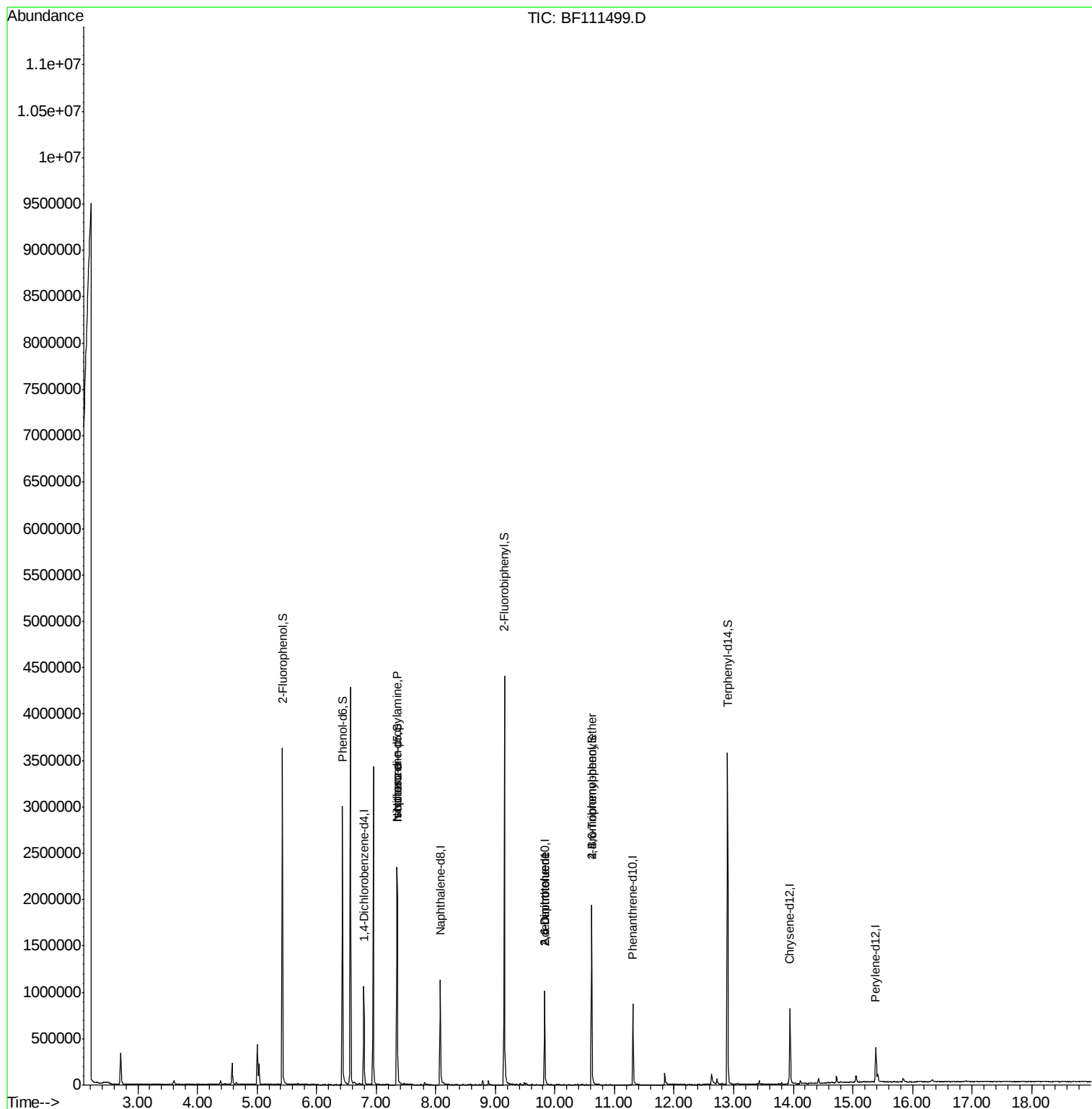
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.35	70	101230	13.441	ng	# 81
25) Isophorone	7.35	82	778951	51.273	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	26773	7.872	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	26774	5.998	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	13757	3.954	ng	# 1

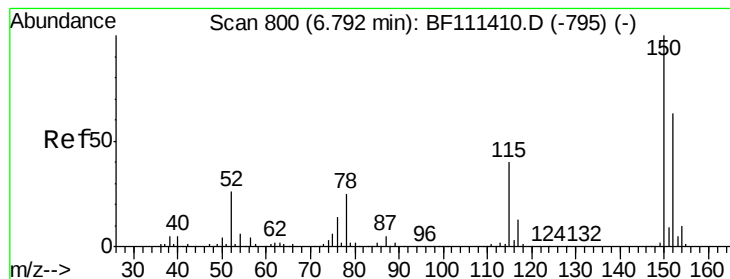
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

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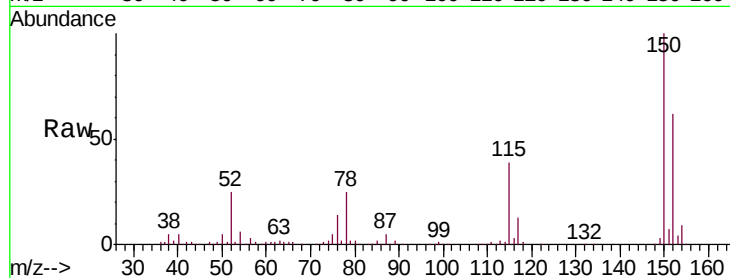
Tgt Ion:152 Resp: 142811

Ion Ratio Lower Upper

152 100

150 161.9 126.6 189.8

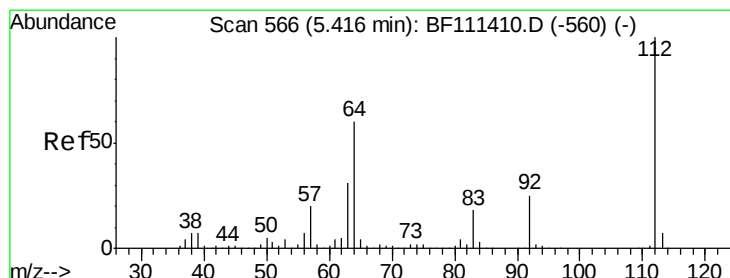
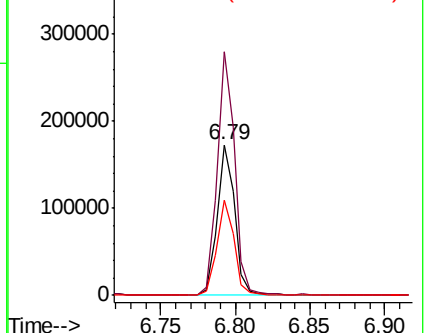
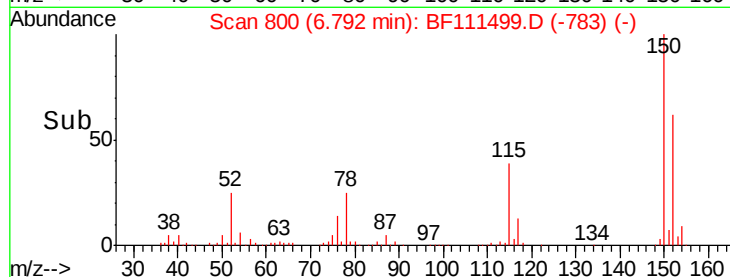
115 63.5 50.7 76.1



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: 110.417 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

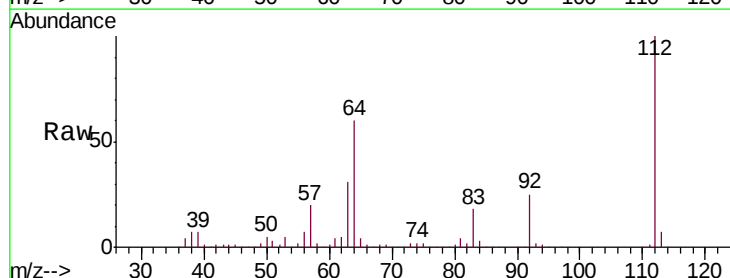
Tgt Ion:112 Resp: 947608

Ion Ratio Lower Upper

112 100

64 60.2 51.8 77.6

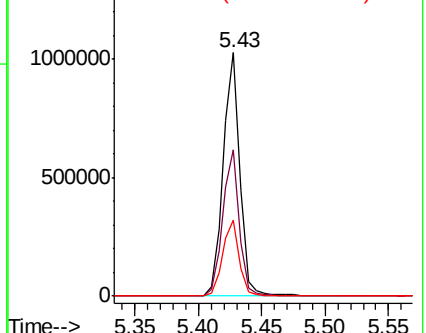
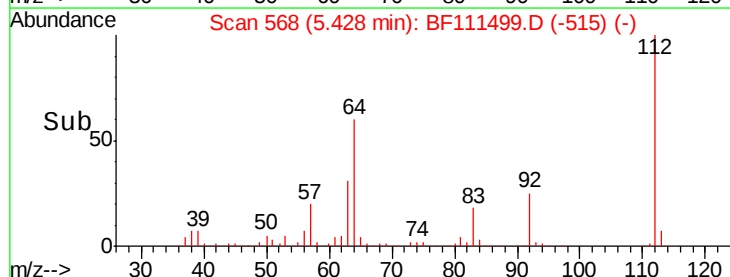
63 31.1 26.8 40.2



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: 91.570 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Instrument :

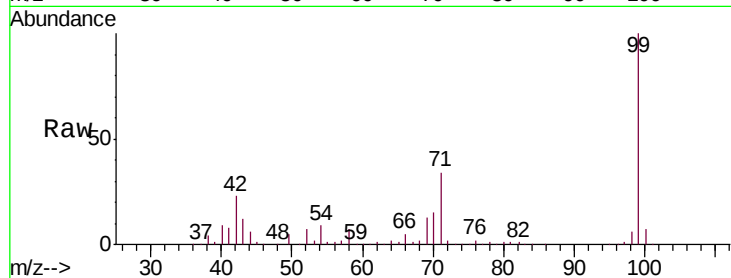
BNA_F

ClientSampleId :

TP-A-FRAME

Tgt Ion: 99 Resp: 1045337

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.4	26.0
71	33.5	26.1	39.1

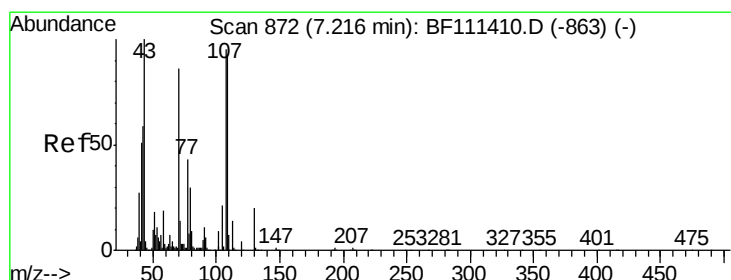
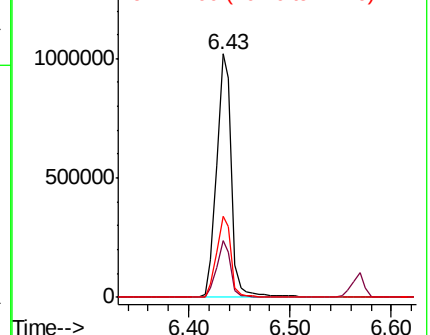
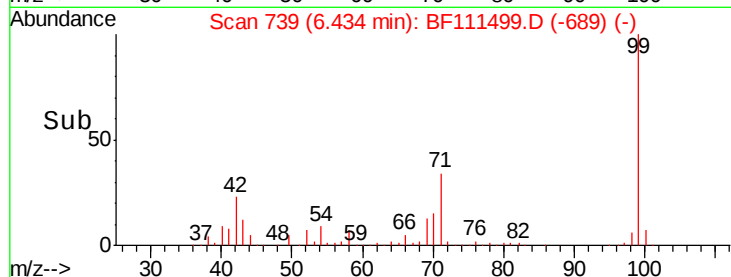


Abundance

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: 13.441 ng

RT: 7.35 min Scan# 895

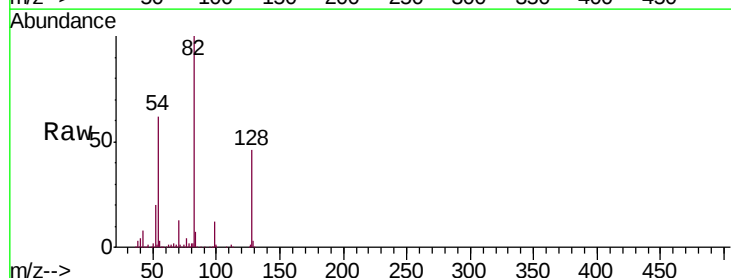
Delta R.T. 0.14 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Tgt Ion: 70 Resp: 101230

Ion	Ratio	Lower	Upper
70	100		
42	58.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



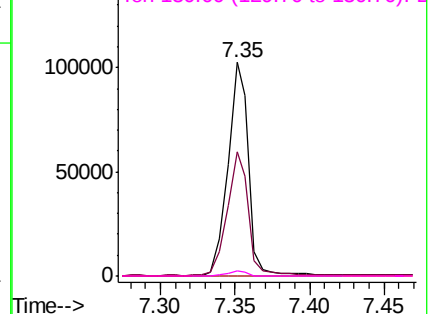
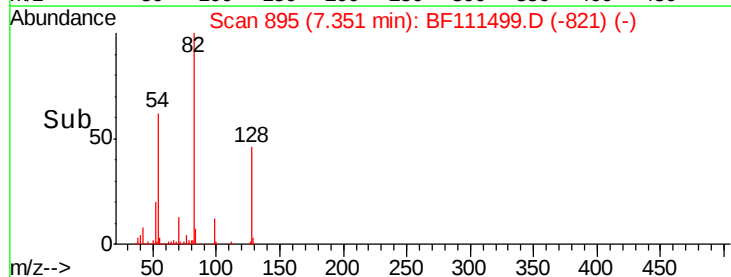
Abundance

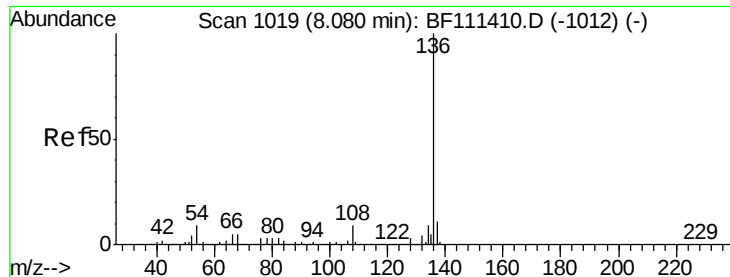
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

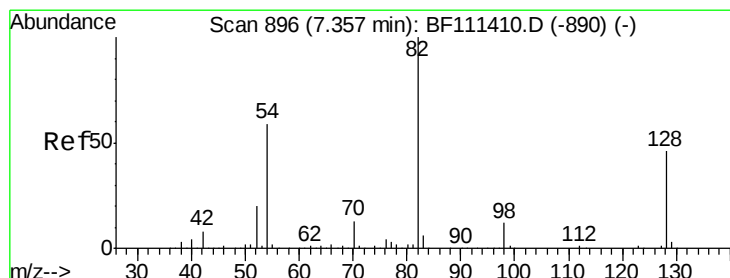
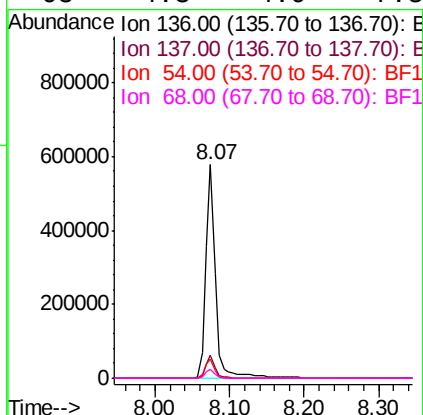
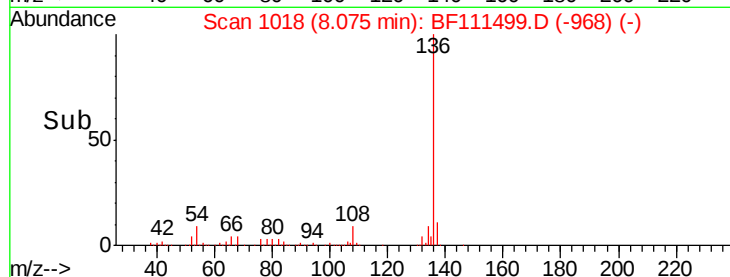
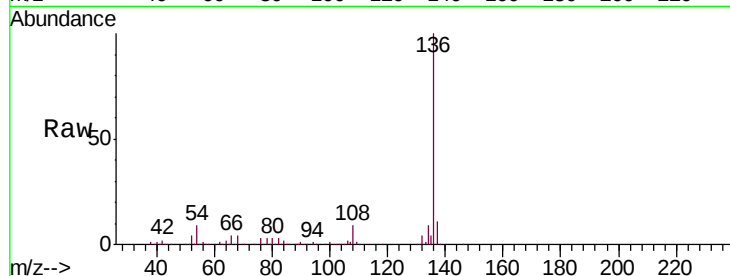




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

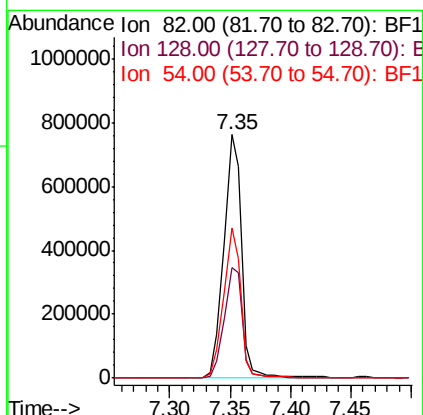
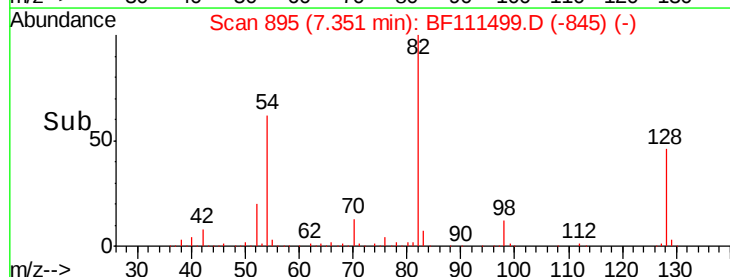
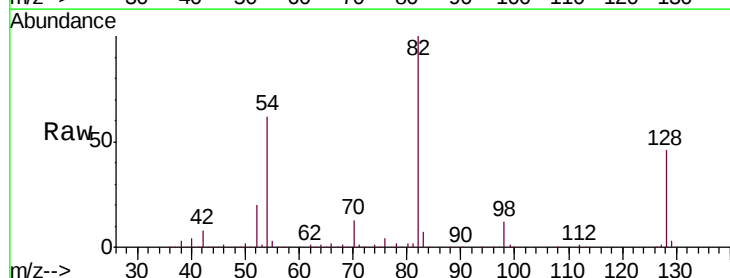
Instrument :
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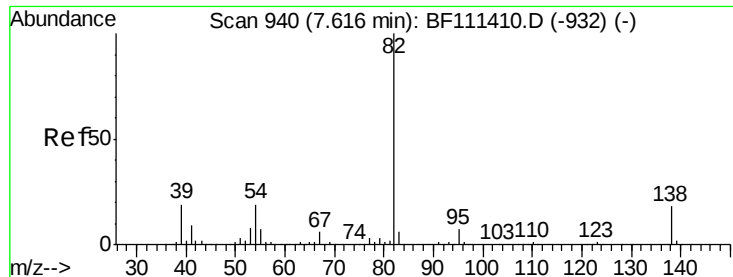
Tgt Ion: 136 Resp: 534674
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.0 7.7 11.5
68 4.3 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 86.756 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Tgt Ion: 82 Resp: 778962
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.2
54 61.7 47.6 71.4





#25

Isophorone

Concen: 51.273 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

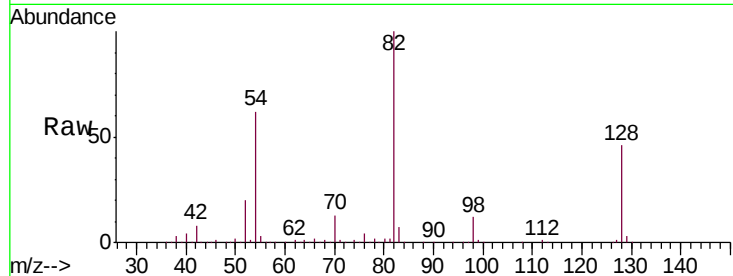
Tgt Ion: 82 Resp: 778951

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

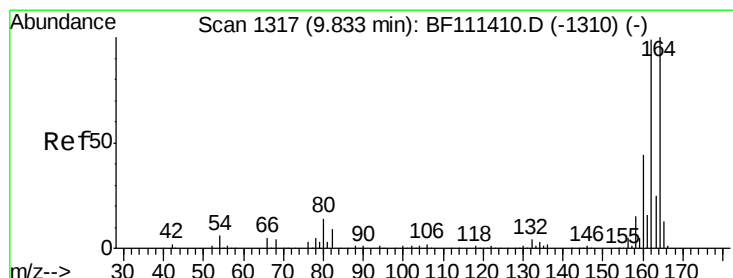
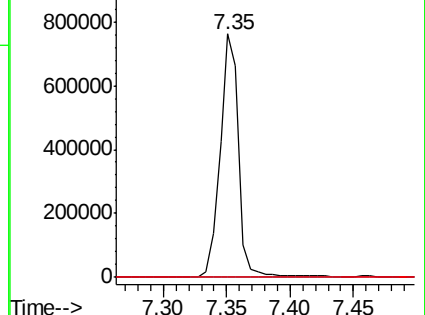
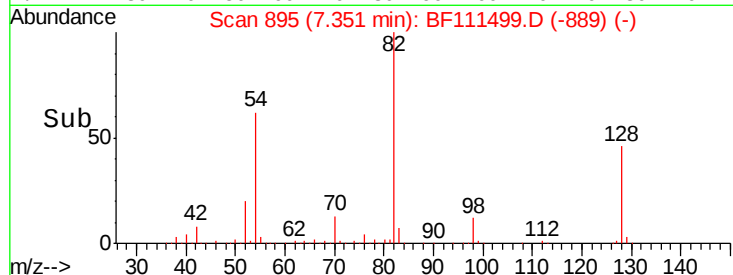
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111499.D

Acq: 16 Dec 2018 6:59

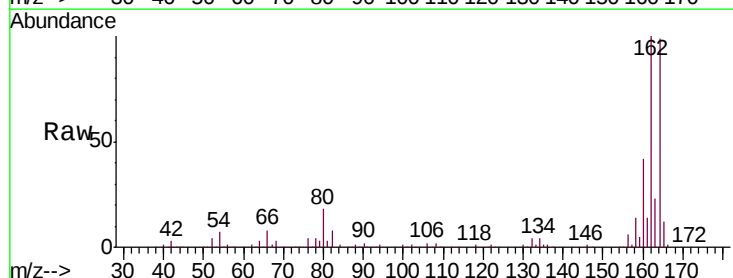
Tgt Ion: 164 Resp: 209808

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

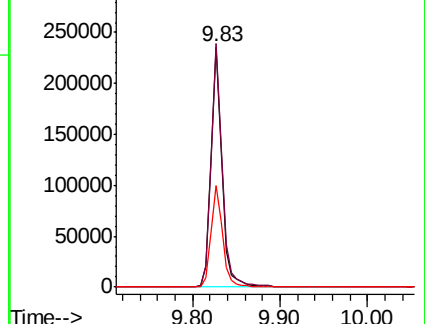
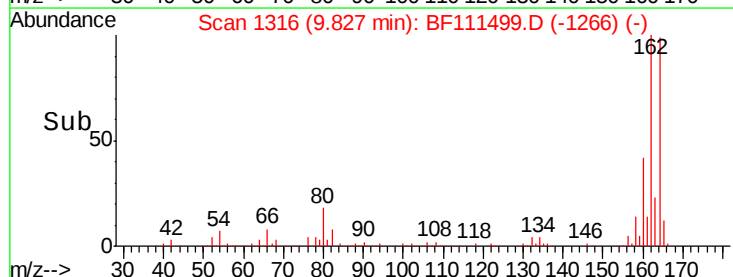
160 42.2 35.7 53.5

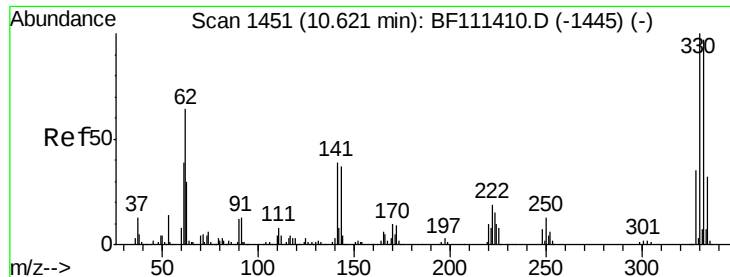


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

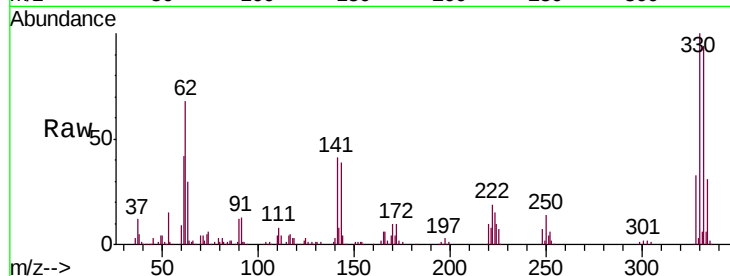




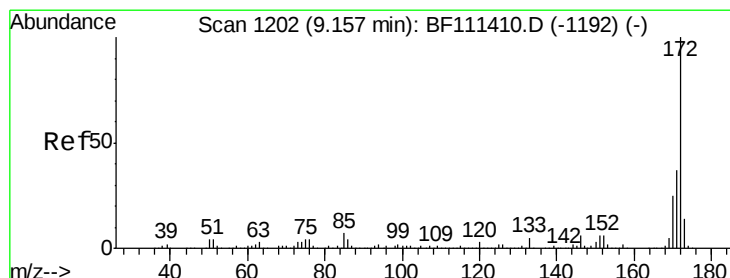
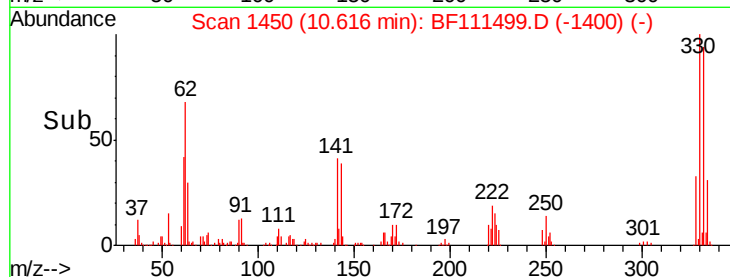
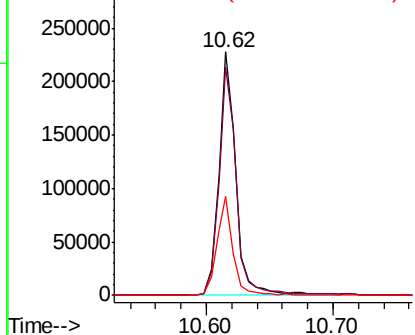
#42
 2,4,6-Tribromophenol
 Concen: 113.657 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111499.D
 Acq: 16 Dec 2018 6:59

Instrument :
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 TP-A-FRAME

Tgt Ion:330 Resp: 213611
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 39.3 31.0 46.6

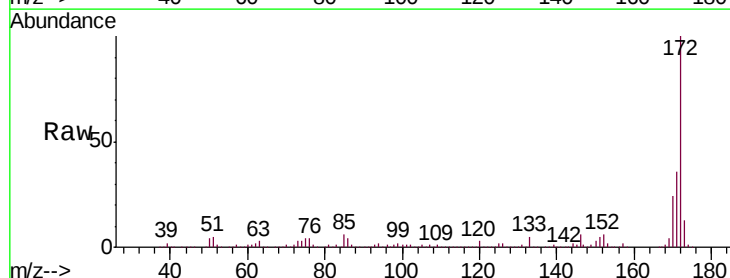


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

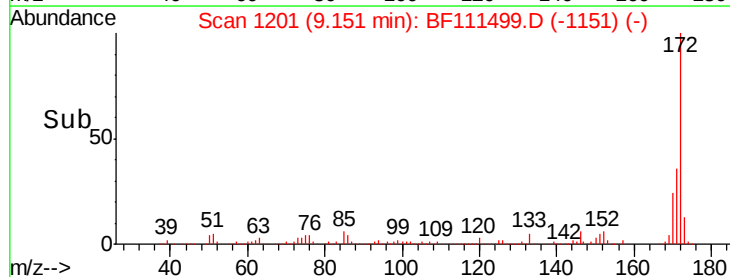
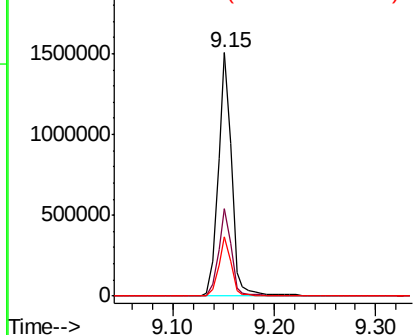


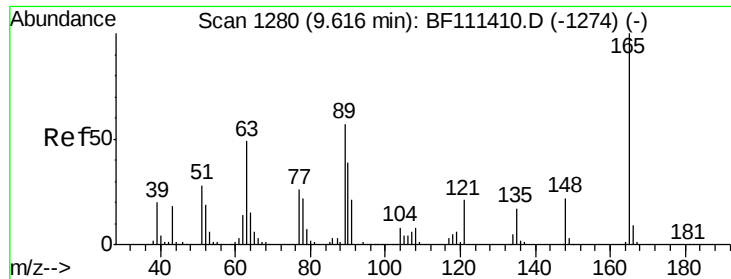
#45
 2-Fluorobiphenyl
 Concen: 101.368 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111499.D
 Acq: 16 Dec 2018 6:59

Tgt Ion:172 Resp: 1376884
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 24.2 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

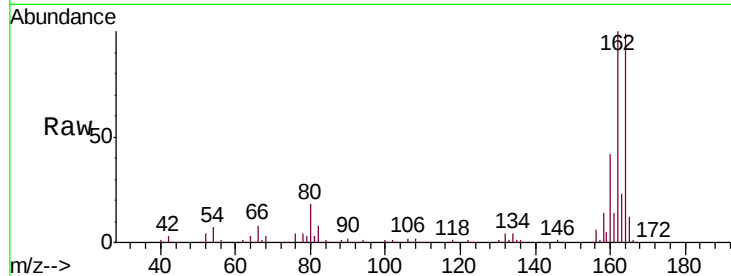




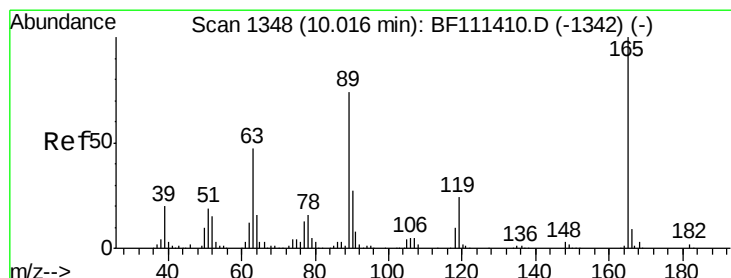
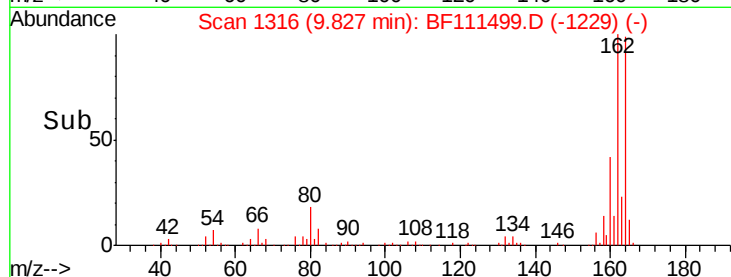
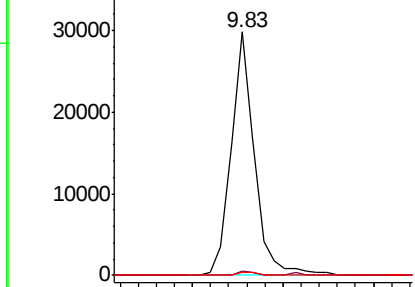
#51
 2,6-Dinitrotoluene
 Concen: 7.872 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111499.D
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 BNA_F
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 TP-A-FRAME

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.5	60.7#
89	1.5	40.0	60.0#



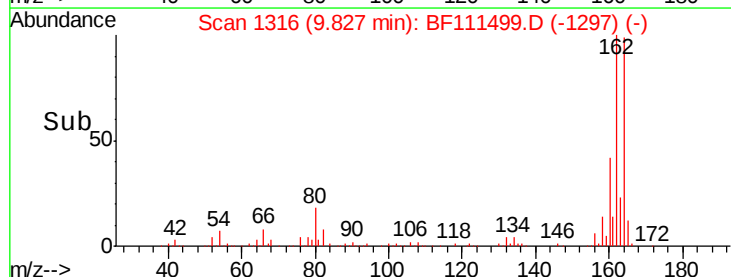
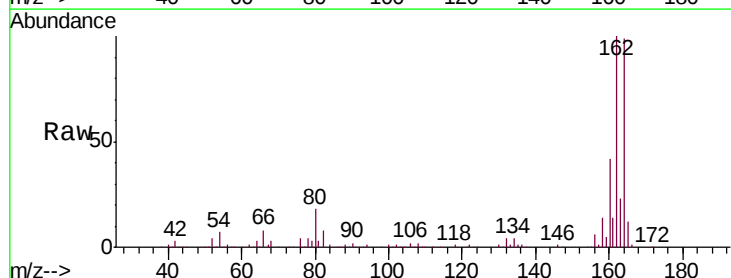
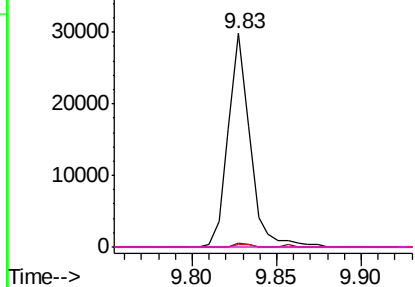
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

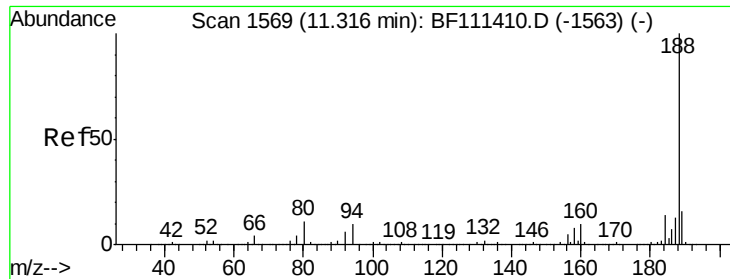


#57
 2,4-Dinitrotoluene
 Concen: 5.998 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111499.D
 Acq: 16 Dec 2018 6:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.5	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

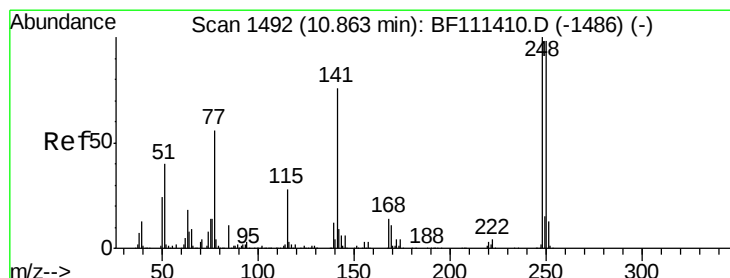
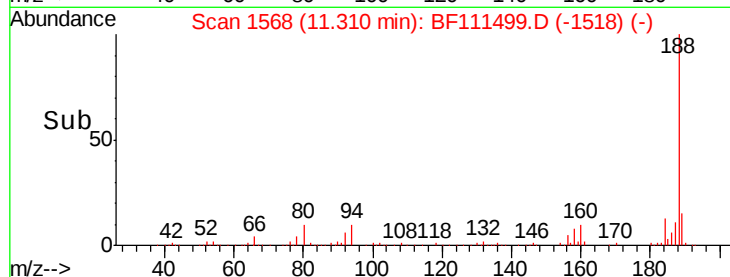
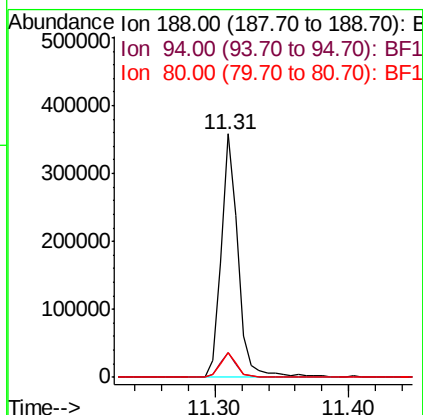
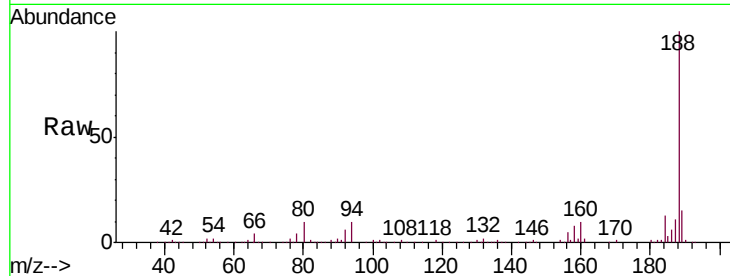




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

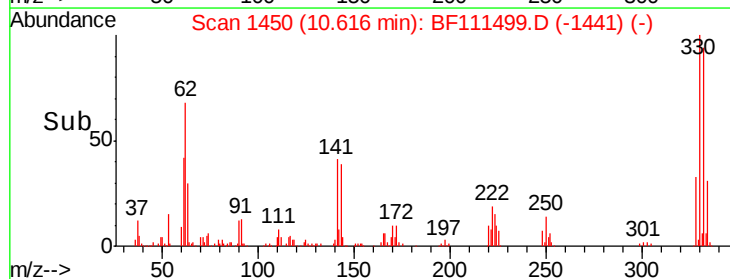
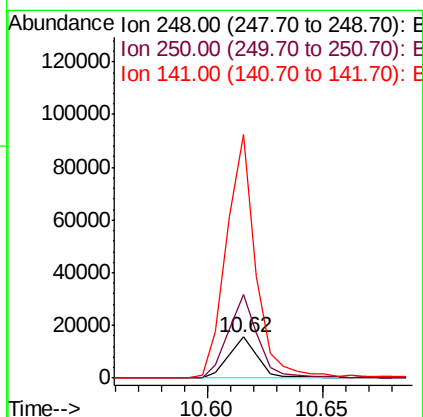
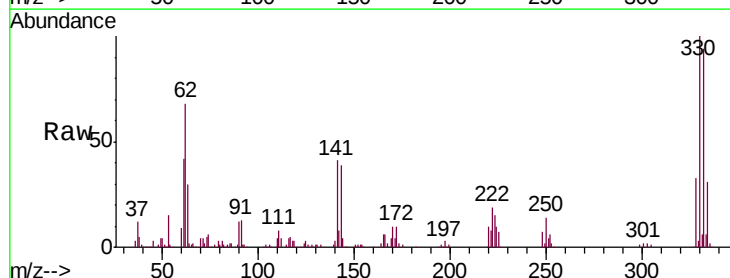
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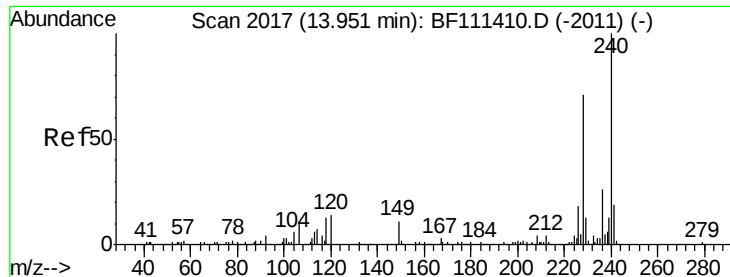
Tgt Ion:188 Resp: 322818
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 10.3 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 3.954 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Tgt Ion:248 Resp: 13757
Ion Ratio Lower Upper
248 100
250 202.9 77.0 115.4#
141 590.2 63.0 94.6#

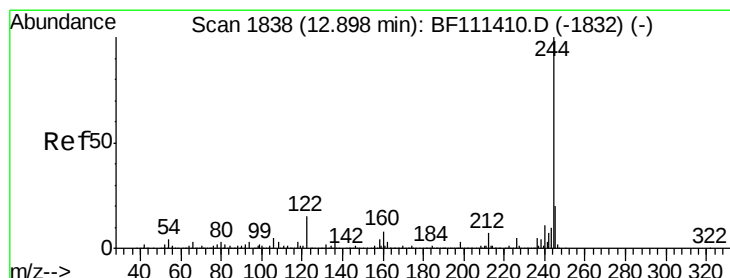
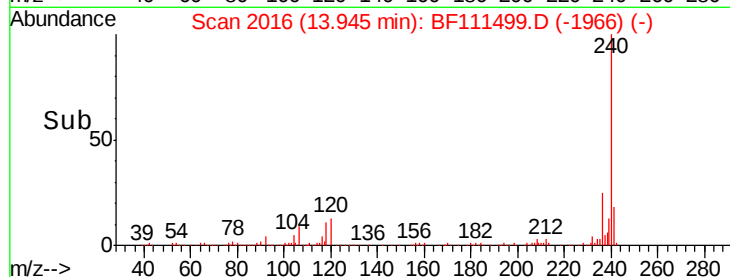
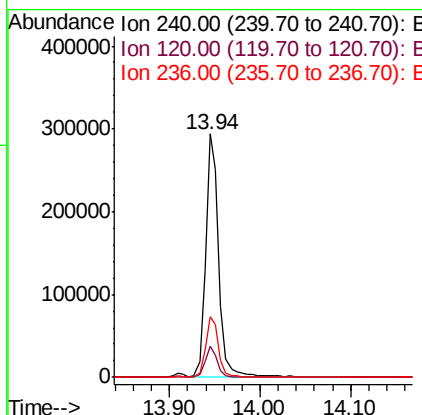
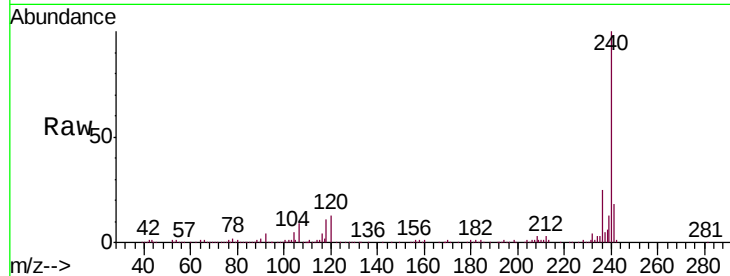




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

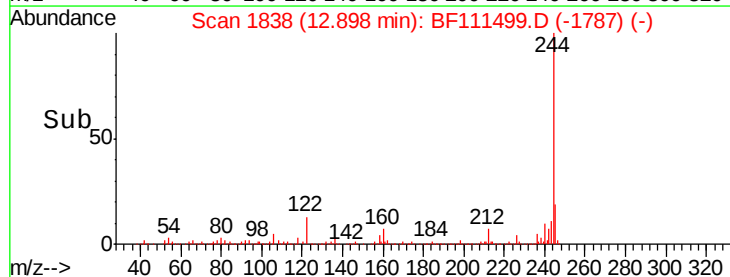
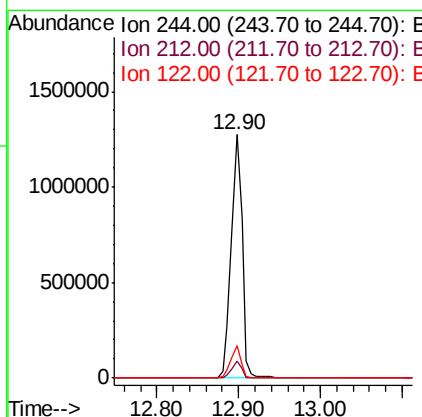
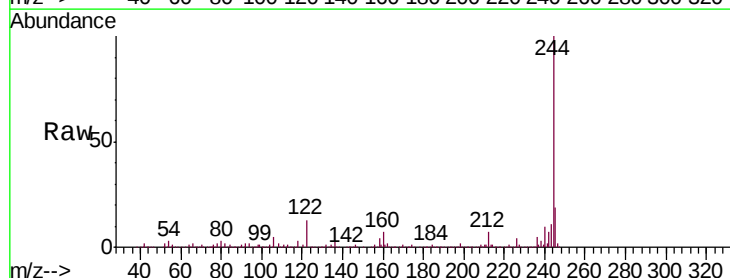
Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

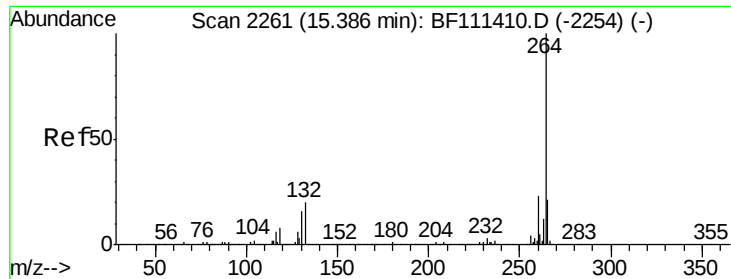
Tgt Ion:240 Resp: 296086
Ion Ratio Lower Upper
240 100
120 12.9 12.2 18.2
236 24.9 20.2 30.2



#79
Terphenyl-d14
Concen: 94.627 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Tgt Ion:244 Resp: 1193145
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 13.2 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111499.D
Acq: 16 Dec 2018 6:59

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	21.9	17.7	26.5

