

Data File : BF111497.D
Acq On : 16 Dec 2018 6:03
Operator : JU/SJ
Sample : J6361-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Quant Time: Dec 17 01:00:11 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

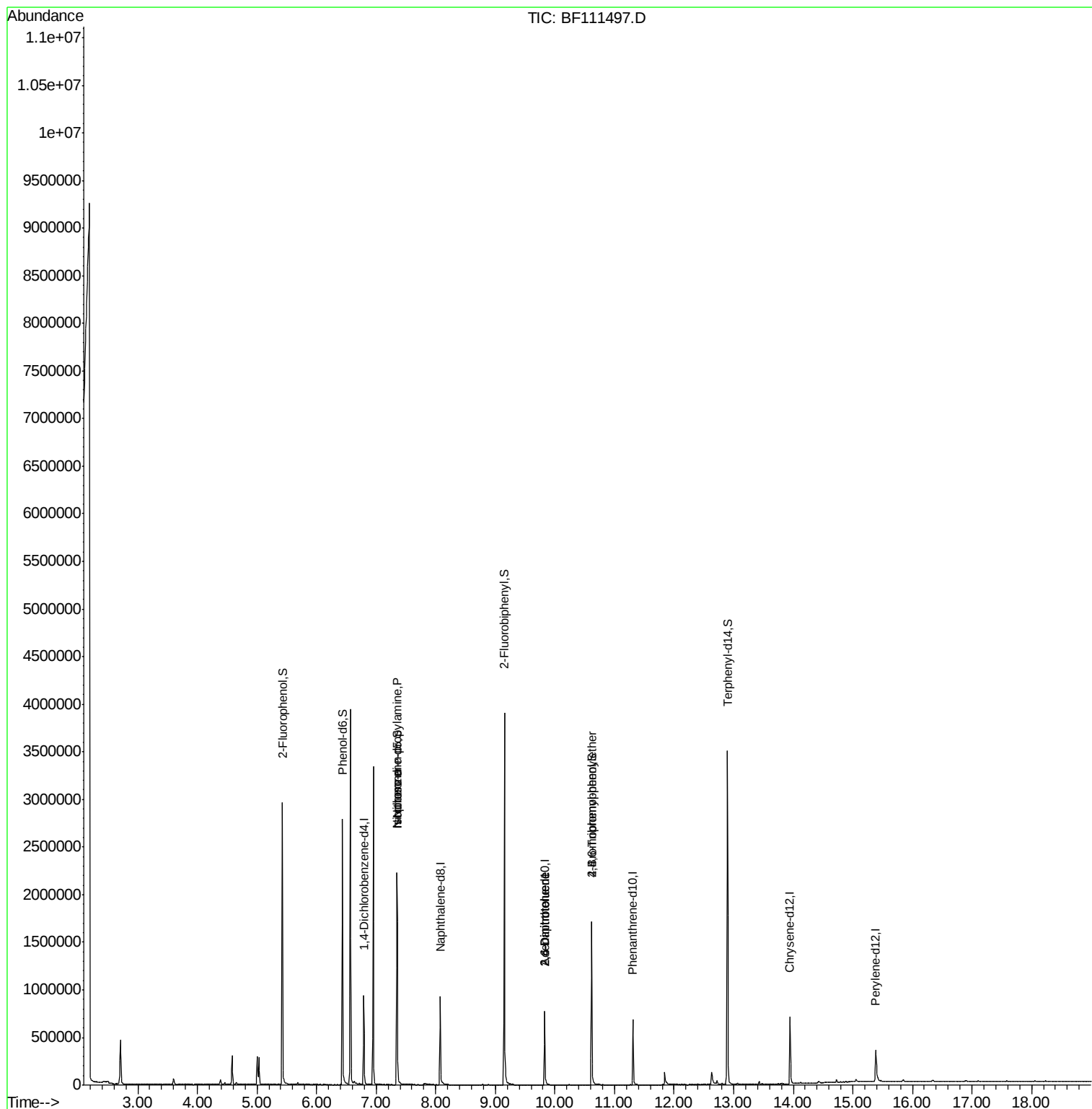
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123574	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436748	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	162459	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	260781	20.00	ng	0.00
76) Chrysene-d12	13.94	240	262386	20.00	ng	0.00
87) Perylene-d12	15.39	264	173093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	832877	112.16	ng	0.01
7) Phenol-d6	6.43	99	853428	86.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	721698	98.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	185516	127.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1224755	116.45	ng	0.00
79) Terphenyl-d14	12.90	244	1113736	99.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	91634	14.061	ng	# 82
25) Isophorone	7.35	82	721690	58.155	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	18672	7.090	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	18672	5.402	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	12098	4.304	ng	# 1

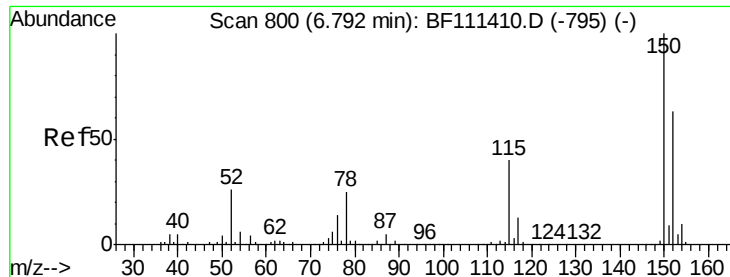
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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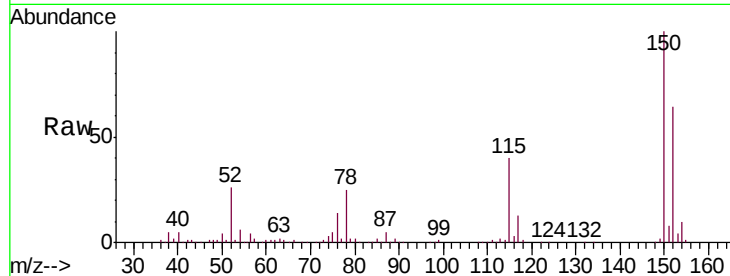


#1

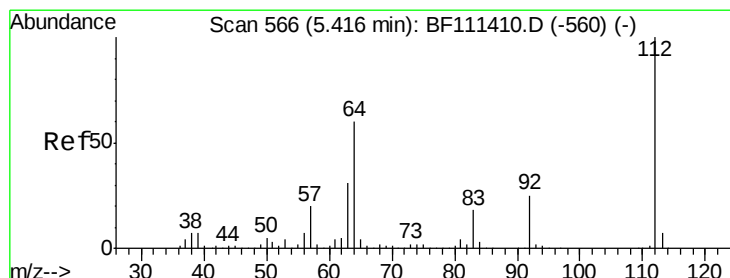
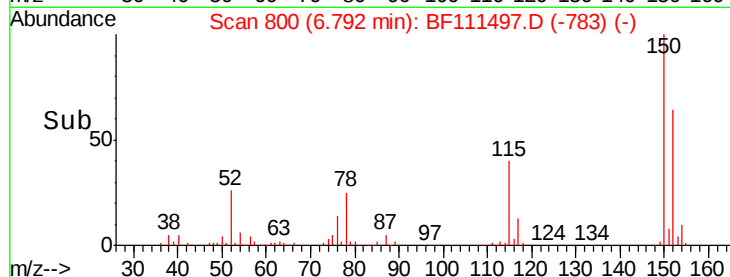
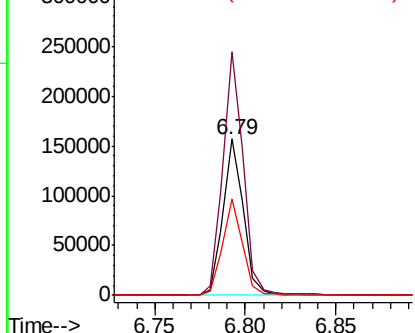
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Tgt Ion:152 Resp: 123574
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 62.0 50.7 76.1



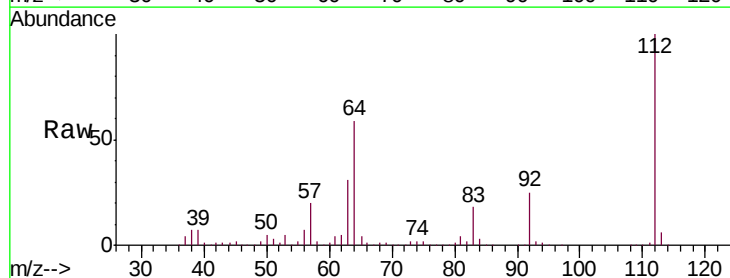
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



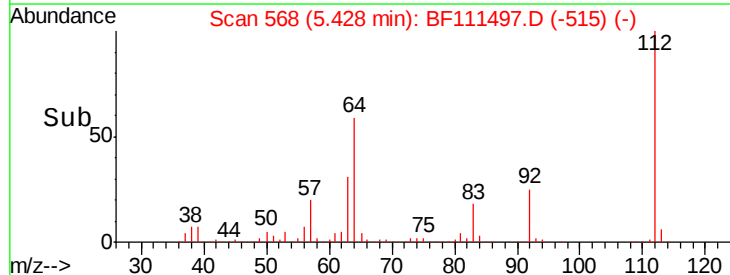
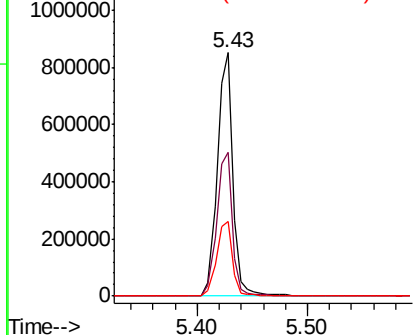
#5

2-Fluorophenol
Concen: 112.156 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Tgt Ion:112 Resp: 832877
Ion Ratio Lower Upper
112 100
64 58.9 51.8 77.6
63 30.8 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: 86.397 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

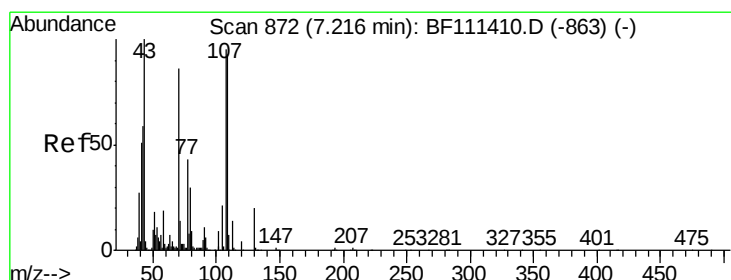
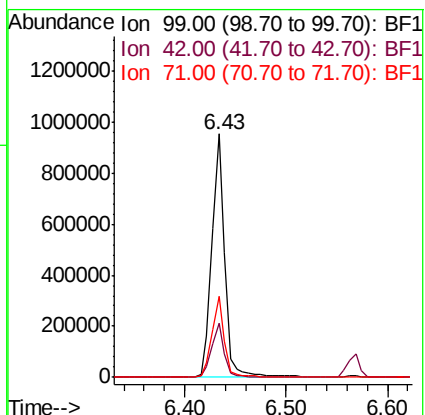
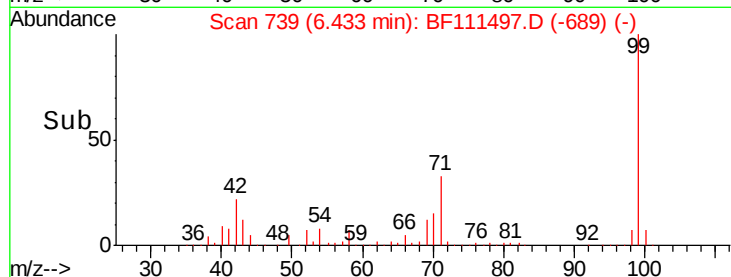
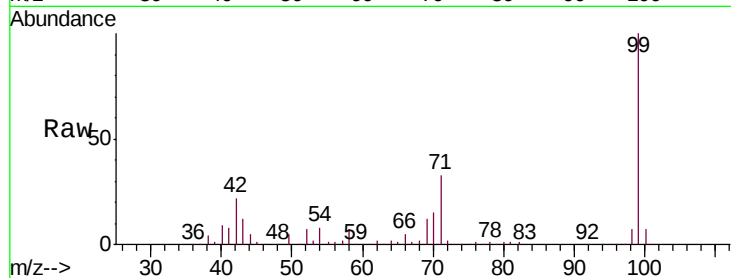
Tgt Ion: 99 Resp: 853428

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 33.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.061 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Tgt Ion: 70 Resp: 91634

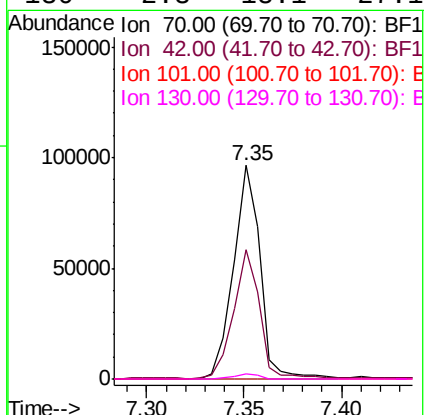
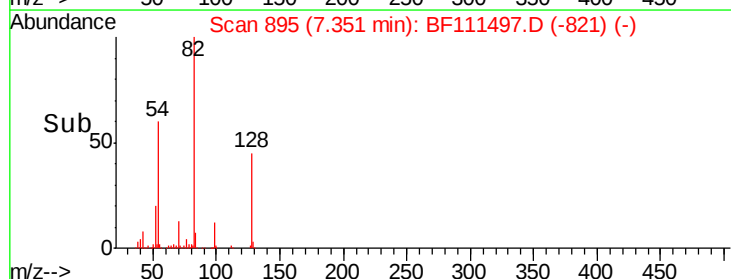
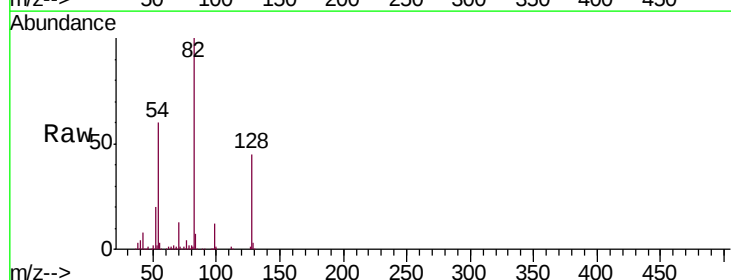
Ion Ratio Lower Upper

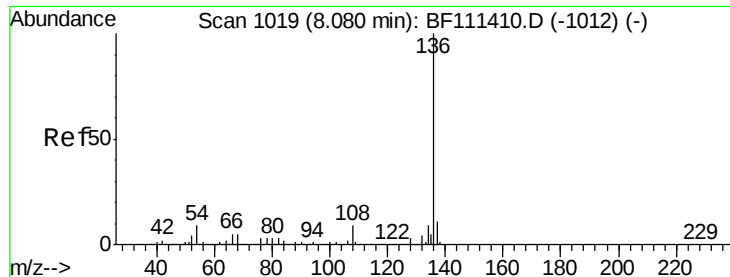
70 100

42 60.4 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#

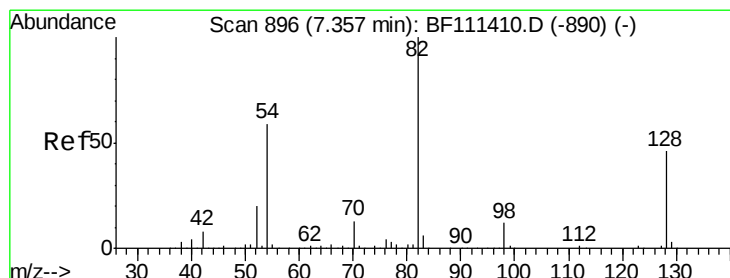
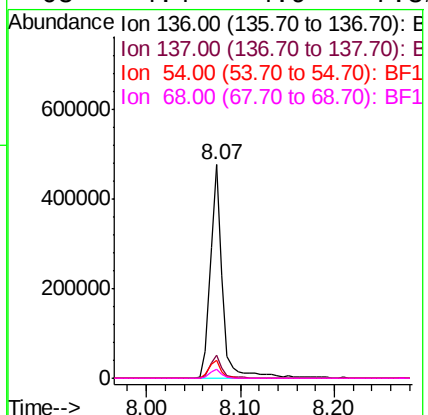
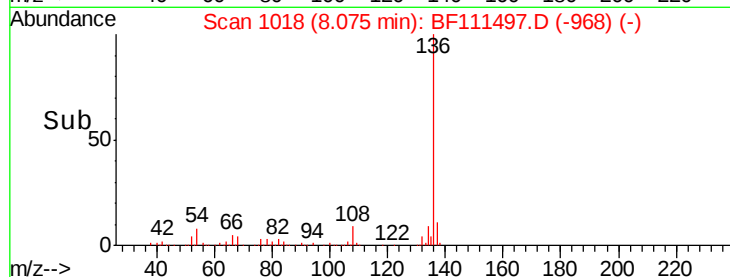
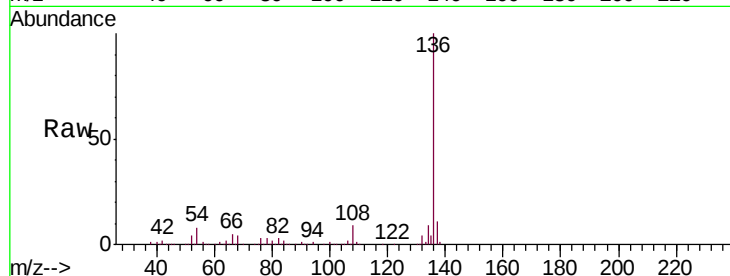




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

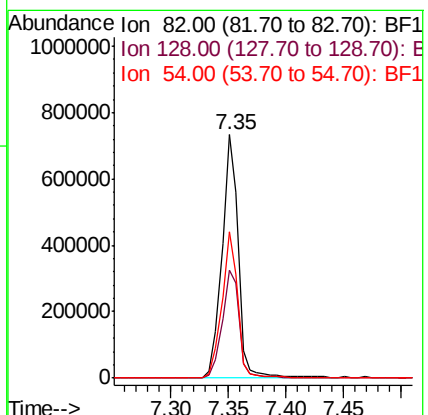
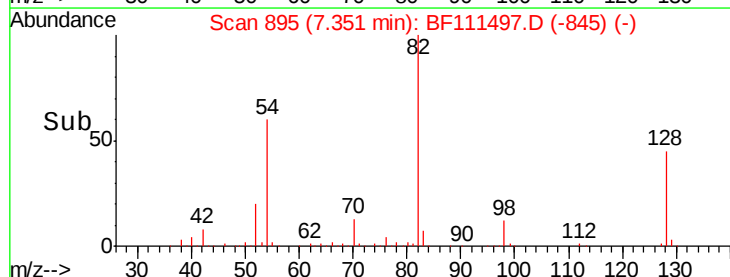
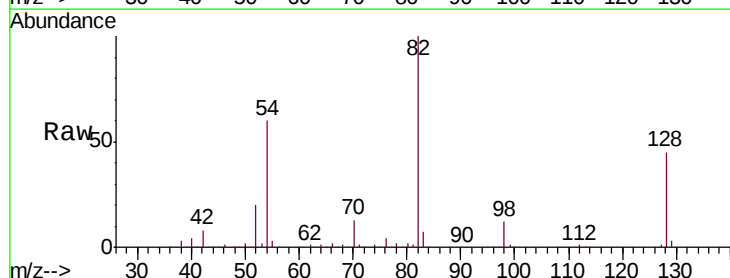
Instrument :
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TN4803-121218

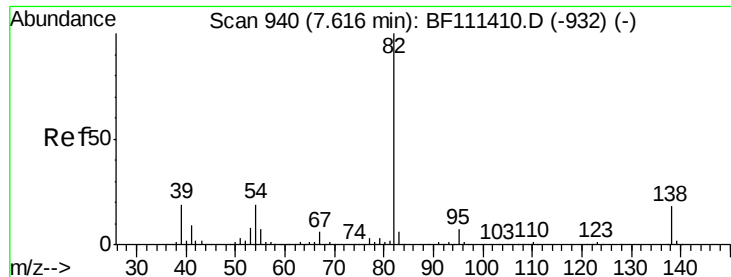
Tgt Ion:	136	Resp:	436748
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.4	7.7	11.5
68	4.4	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 98.400 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Tgt Ion:	82	Resp:	721698
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	59.9	47.6	71.4





#25

Isophorone

Concen: 58.155 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

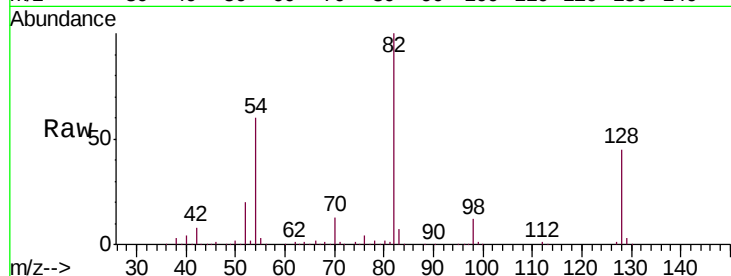
Tgt Ion: 82 Resp: 721690

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

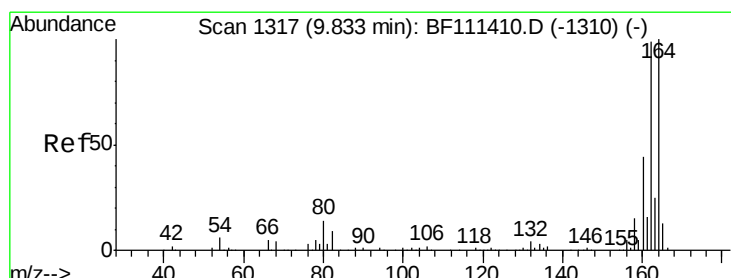
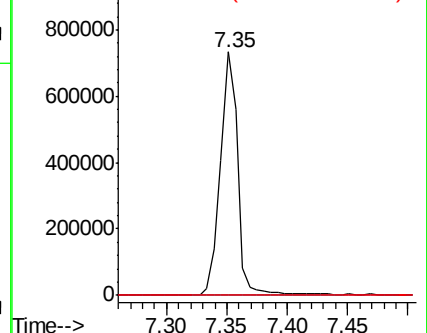
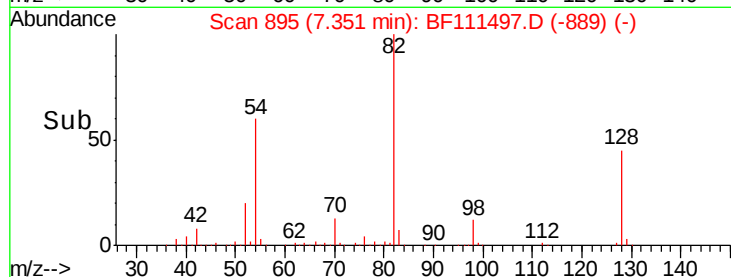
138 0.0 15.1 22.7#



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: BF111497.D

Acq: 16 Dec 2018 6:03

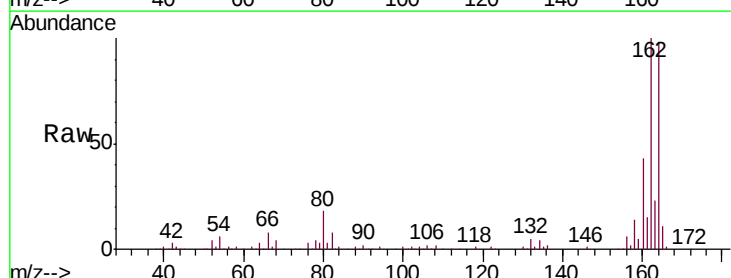
Tgt Ion: 164 Resp: 162459

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

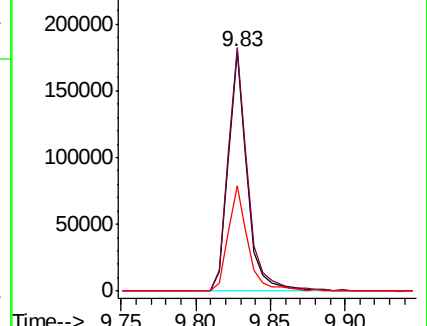
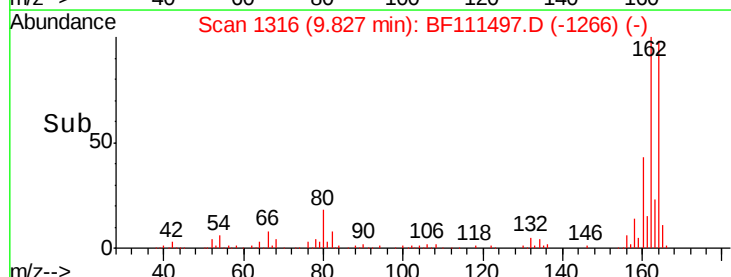
160 44.2 35.7 53.5

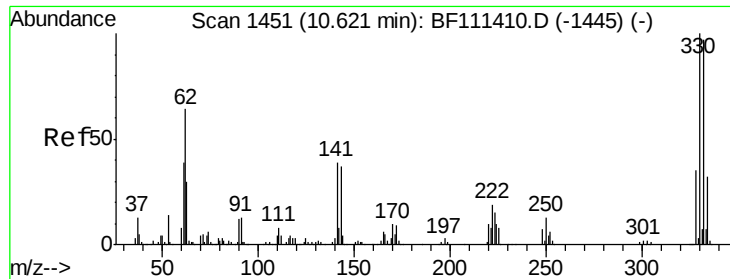


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

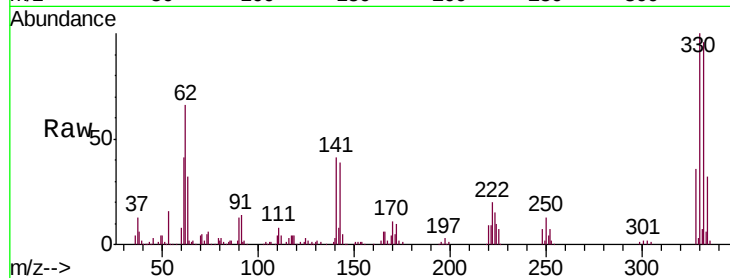




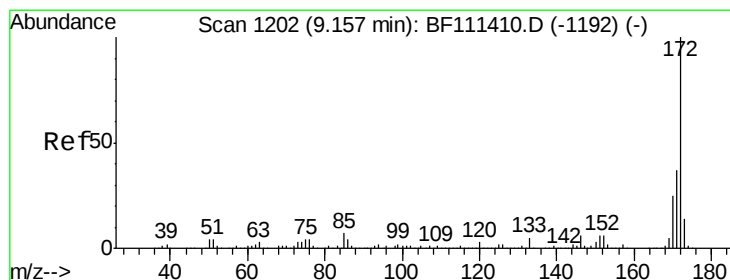
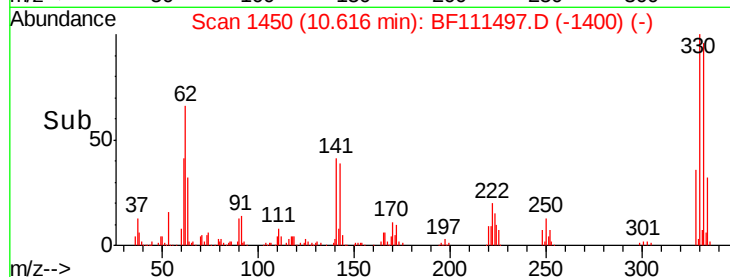
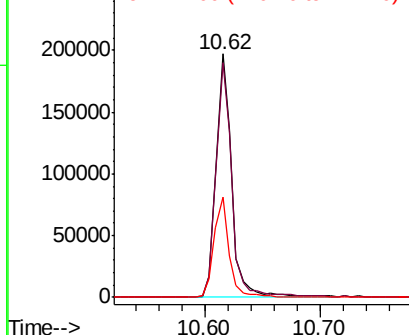
#42
 2,4,6-Tribromophenol
 Concen: 127.477 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

Instrument :
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Tgt Ion:330 Resp: 185516
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.0 114.0
 141 40.1 31.0 46.6

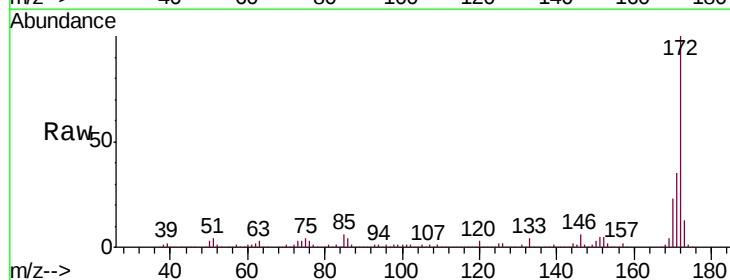


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

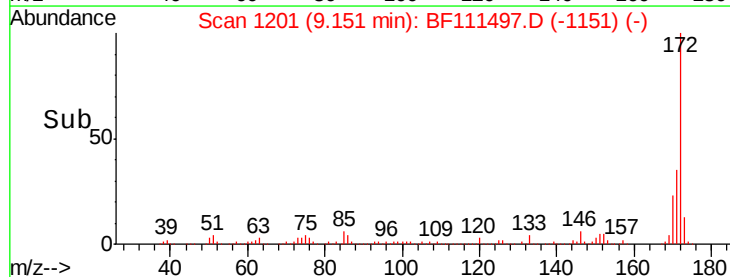
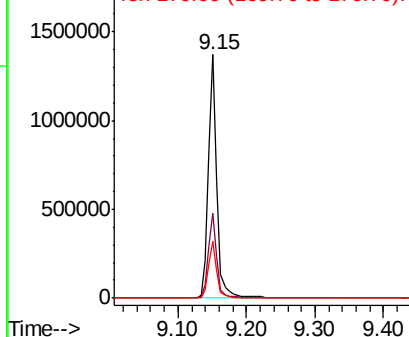


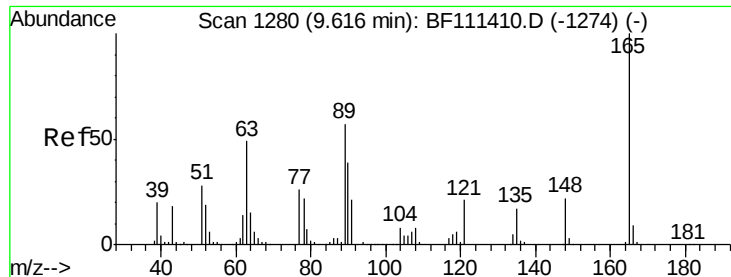
#45
 2-Fluorobiphenyl
 Concen: 116.448 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

Tgt Ion:172 Resp: 1224755
 Ion Ratio Lower Upper
 172 100
 171 35.0 33.0 49.4
 170 23.3 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

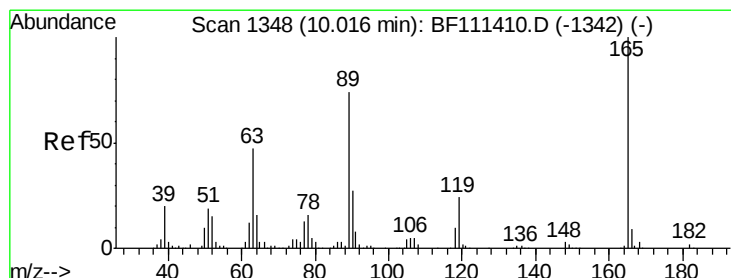
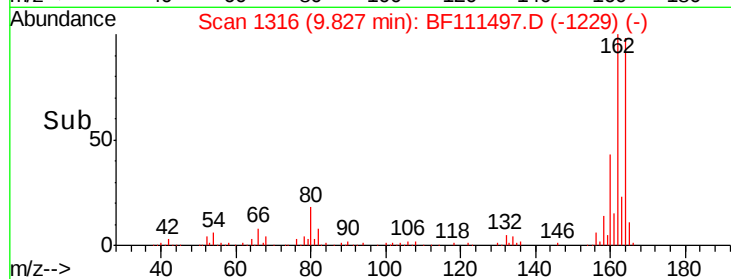
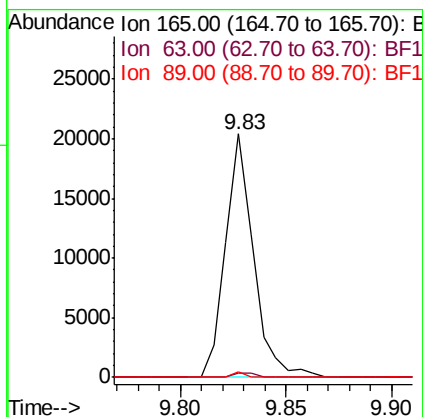
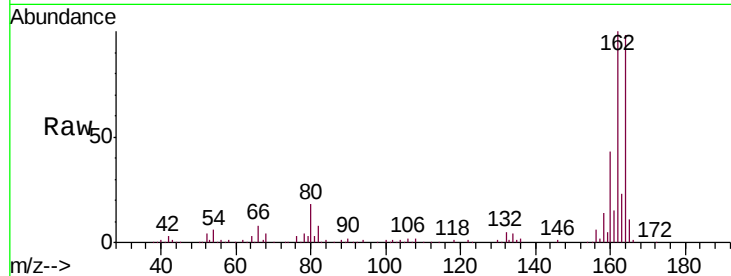




#51
 2,6-Dinitrotoluene
 Concen: 7.090 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

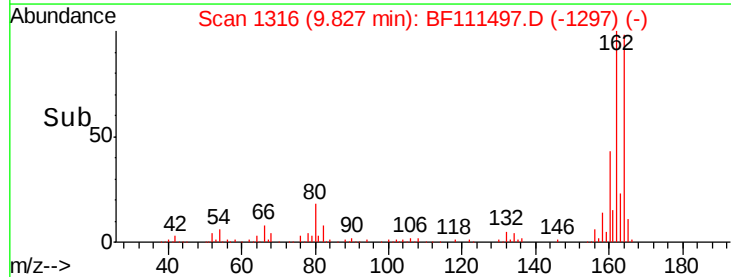
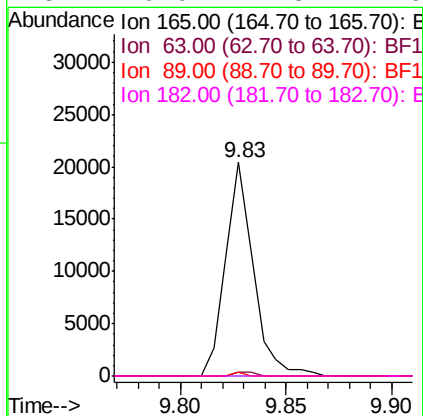
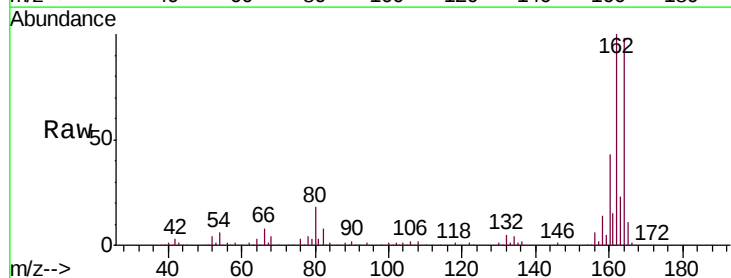
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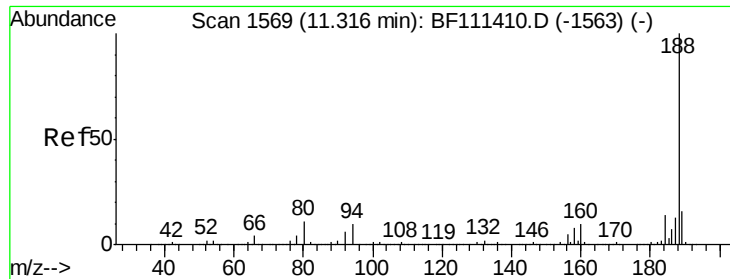
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	2.1	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.402 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	2.1	56.2	84.4#
182	0.0	1.8	2.6#

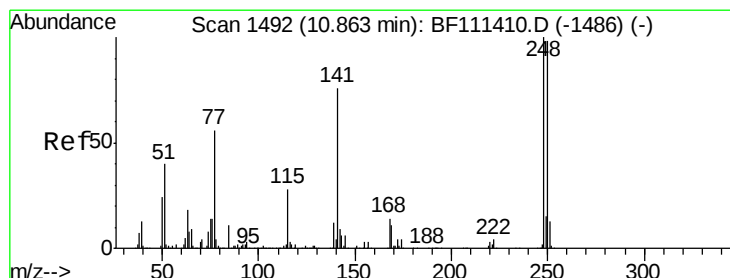
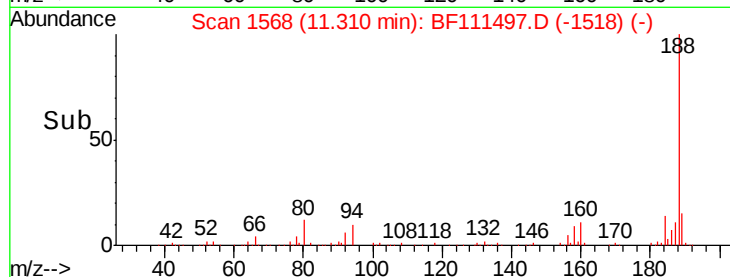
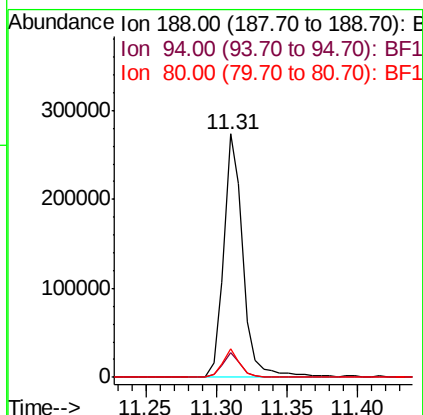
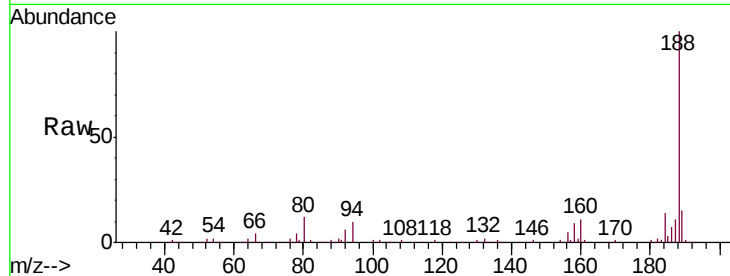




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

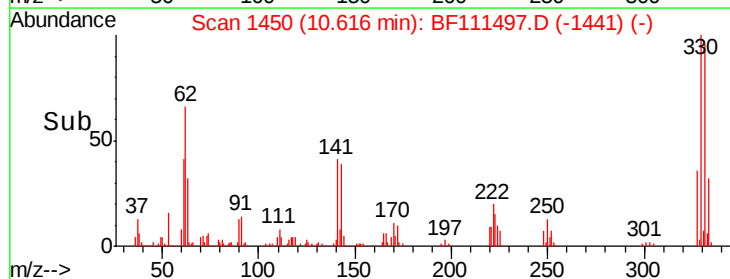
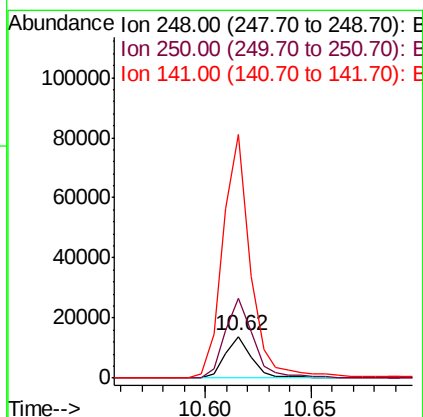
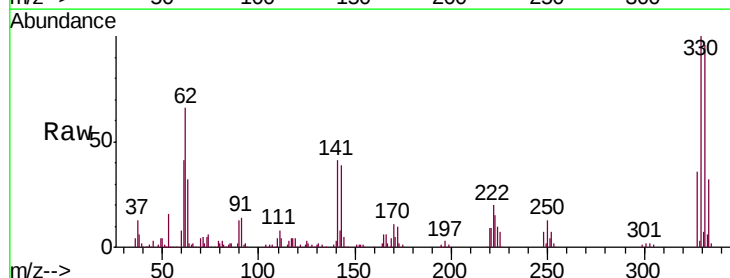
Instrument :
BNA_F
ClientSampleId :
TN4803-121218

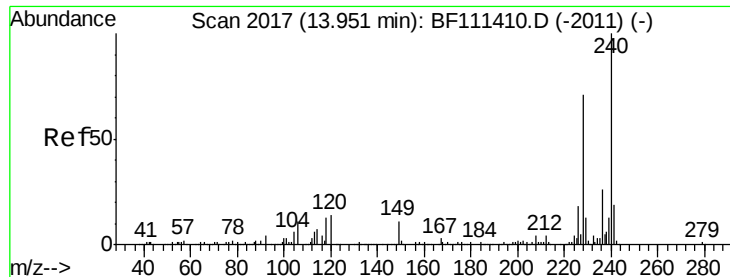
Tgt Ion:188 Resp: 260781
Ion Ratio Lower Upper
188 100
94 9.9 9.6 14.4
80 11.7 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Tgt Ion:248 Resp: 12098
Ion Ratio Lower Upper
248 100
250 193.2 77.0 115.4#
141 588.7 63.0 94.6#

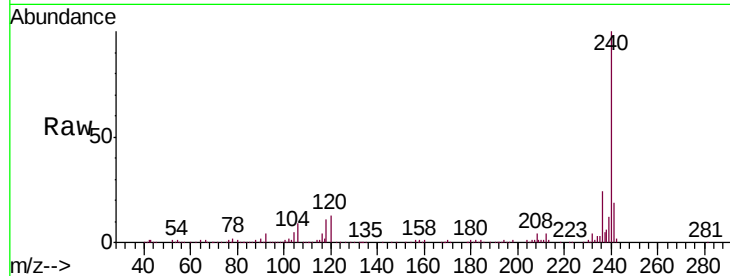




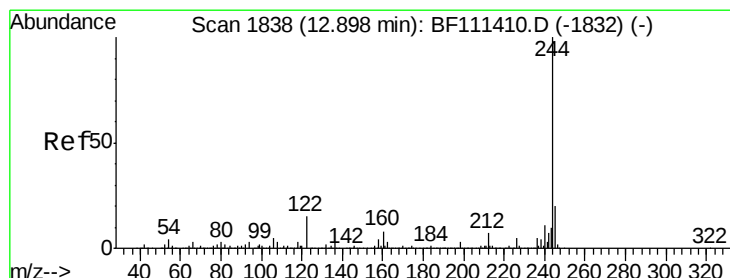
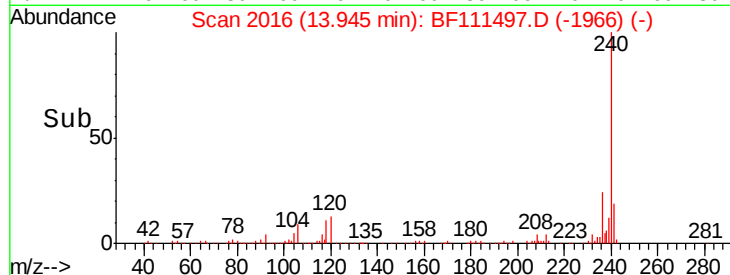
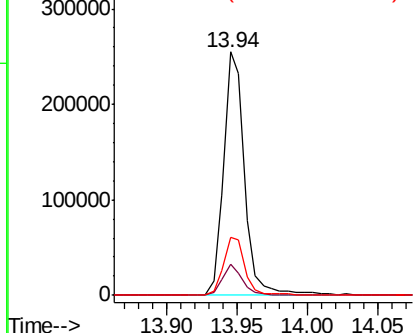
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Tgt Ion:240 Resp: 262386
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 24.0 20.2 30.2

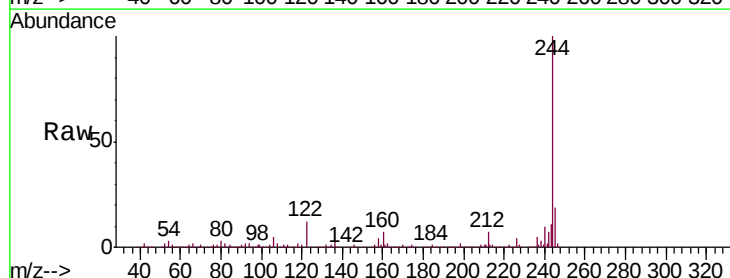


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

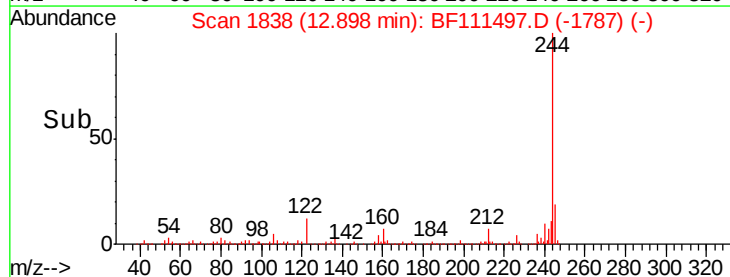
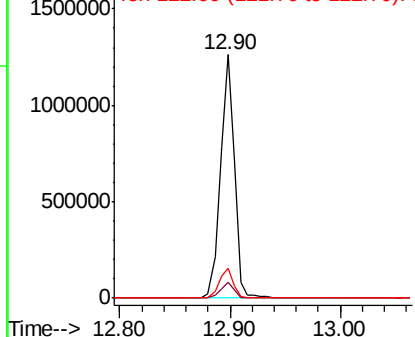


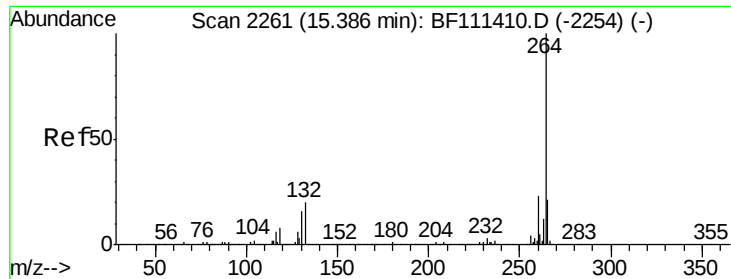
#79
Terphenyl-d14
Concen: 99.674 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Tgt Ion:244 Resp: 1113736
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 12.4 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# 2261
Delta R.T. -0.00 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Tgt Ion:	264	Resp:	173093
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	23.9	17.7	26.5

