

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112701.D
 Acq On : 25 Feb 2019 19:13
 Operator : JU/SJ
 Sample : K1596-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Quant Time: Feb 26 00:08:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

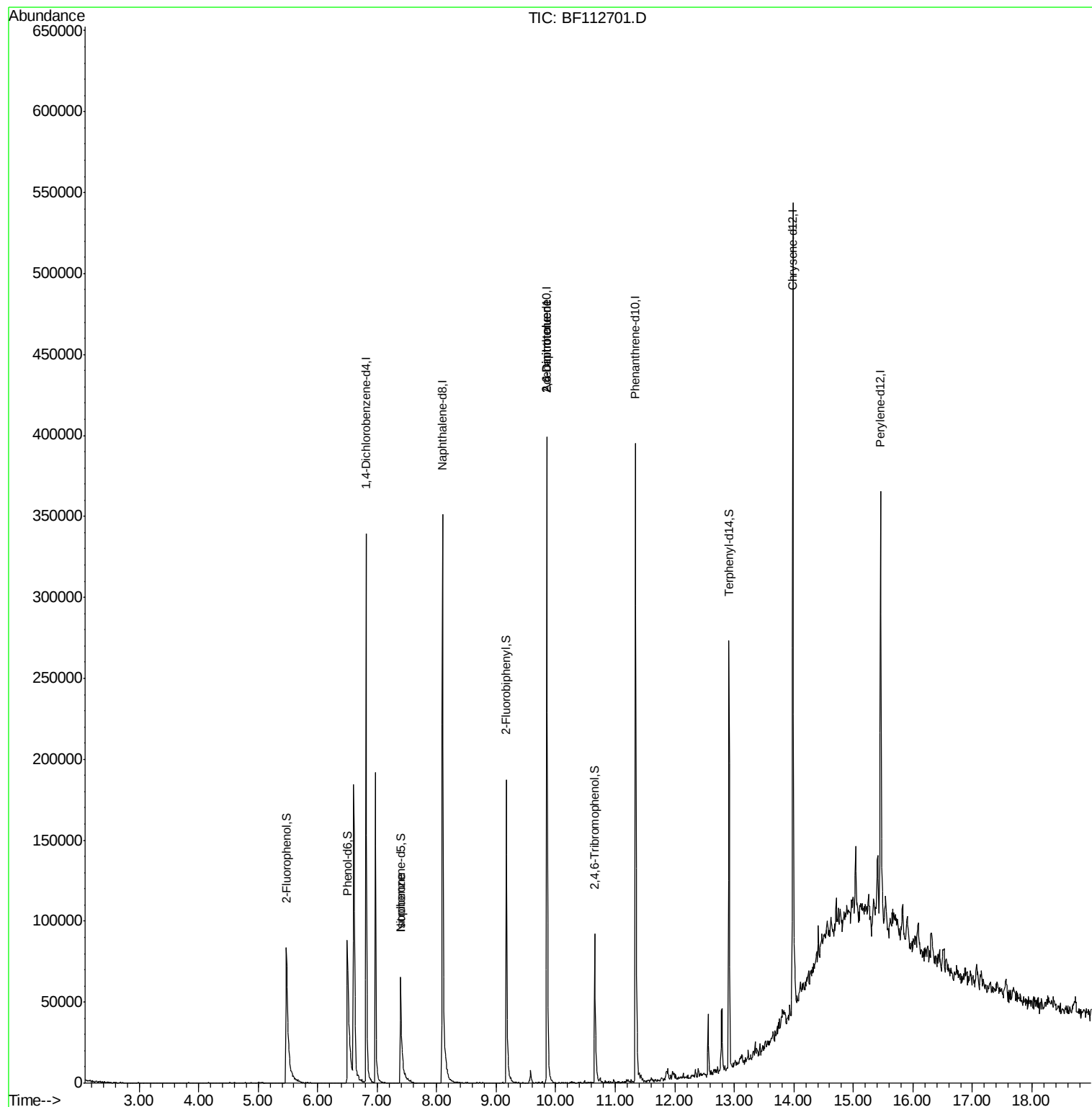
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	61261	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	230909	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	95836	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	178631	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	174936	20.00	ng	-0.03
87) Perylene-d12	15.46	264	132334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60970	21.14	ng	0.00
7) Phenol-d6	6.50	99	78461	19.58	ng	0.00
23) Nitrobenzene-d5	7.39	82	50086	12.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	19032	17.06	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	83922	12.39	ng	-0.04
79) Terphenyl-d14	12.91	244	87155	9.38	ng	-0.04
Target Compounds						
25) Isophorone	7.39	82	50086	7.967	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	12005	7.199	ng	# 34
57) 2,4-Dinitrotoluene	9.85	165	12005	5.655	ng	# 31

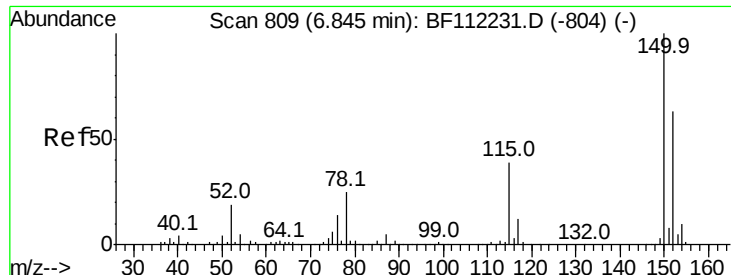
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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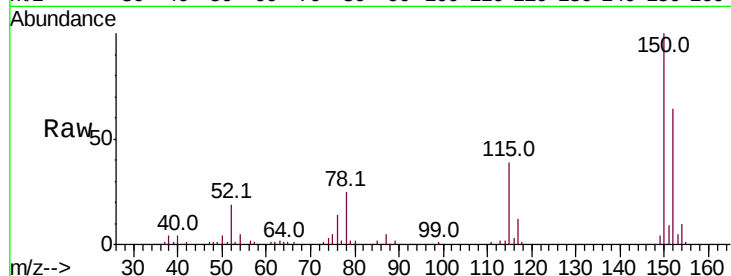


#1

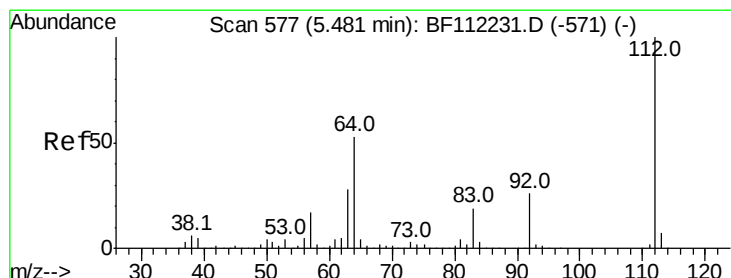
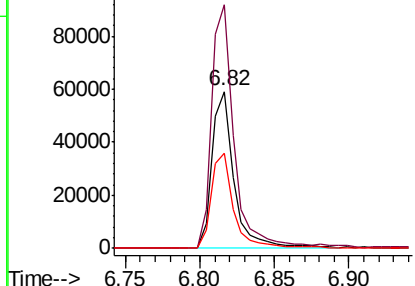
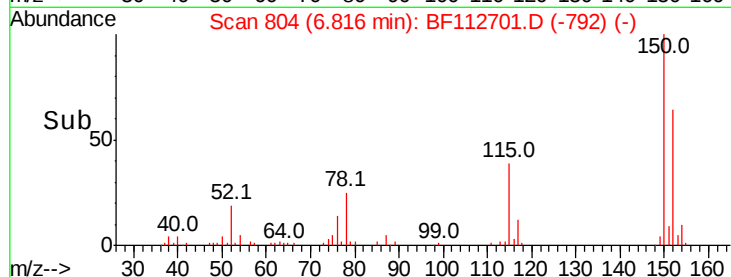
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion:152 Resp: 61261
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.0
 115 60.9 45.5 68.3



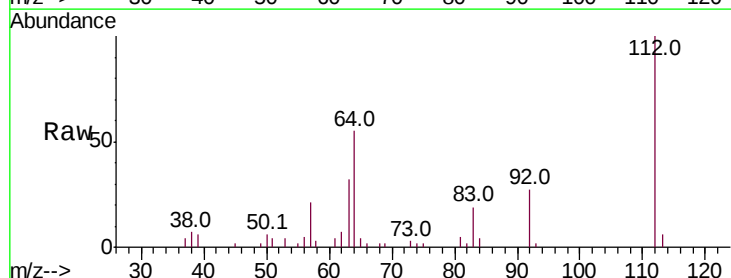
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



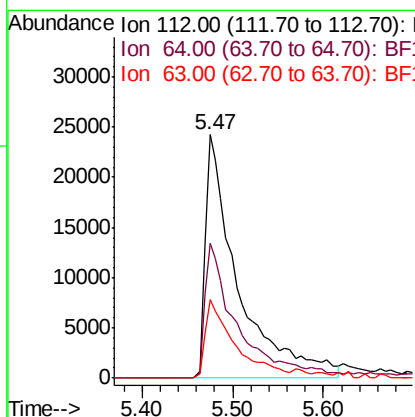
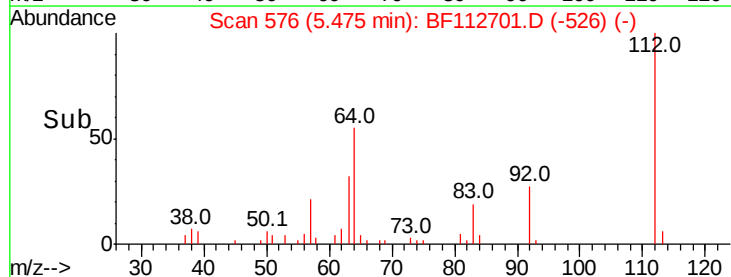
#5

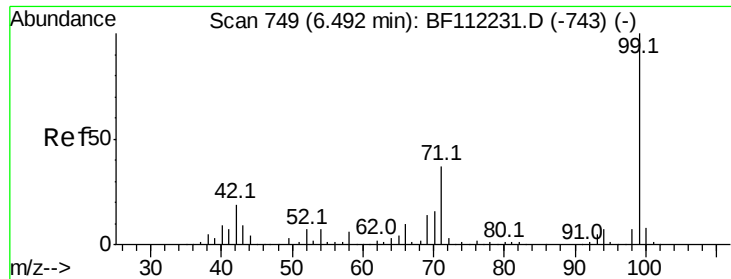
2-Fluorophenol
 Concen: 21.140 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Tgt Ion:112 Resp: 60970
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.7 68.5
 63 32.2 23.6 35.4



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: 19.578 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Instrument :

BNA_F

ClientSampleId :

COMP-15

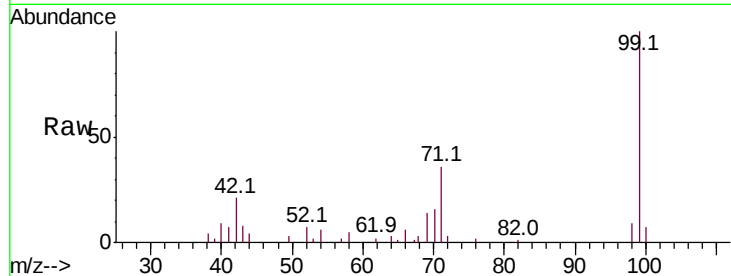
Tot Ion: 99 Resp: 78461

Ion Ratio Lower Upper

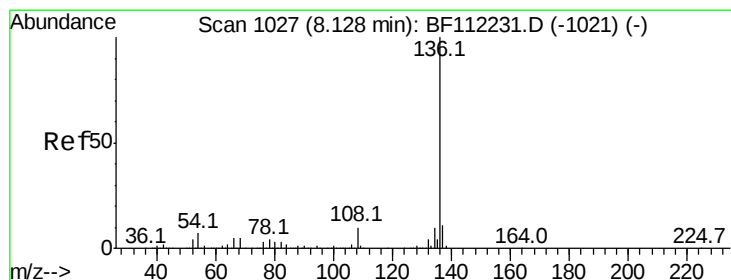
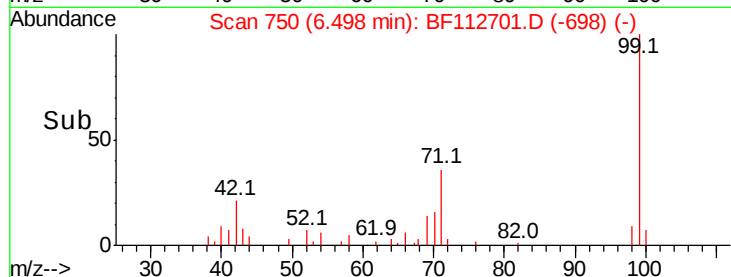
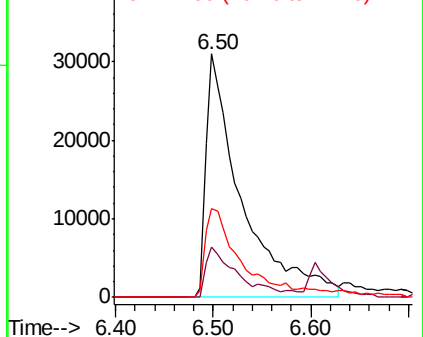
99 100

42 20.7 15.1 22.7

71 36.4 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Tgt Ion: 136 Resp: 230909

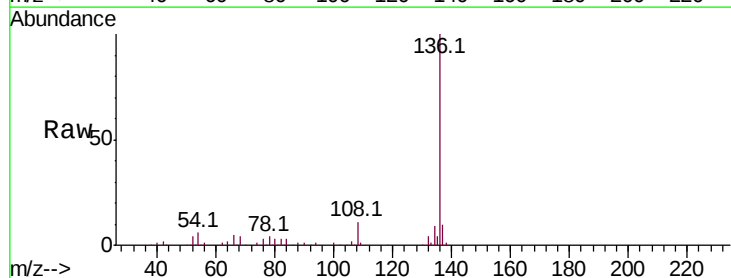
Ion Ratio Lower Upper

136 100

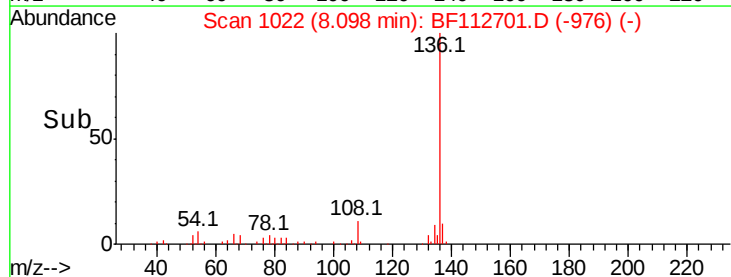
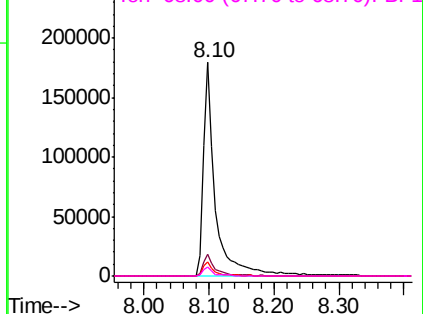
137 10.3 9.1 13.7

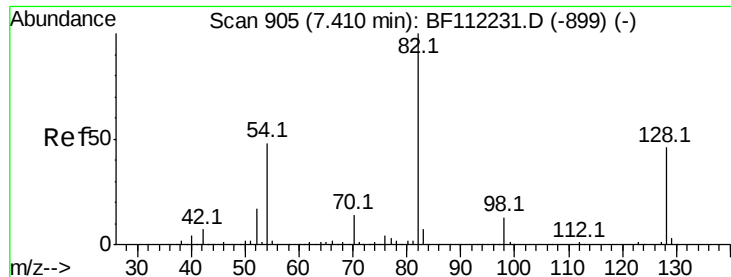
54 6.3 5.9 8.9

68 4.3 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

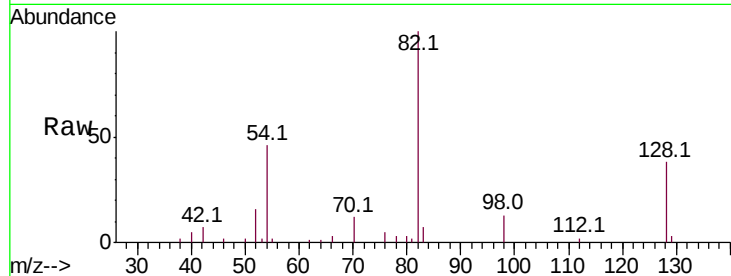




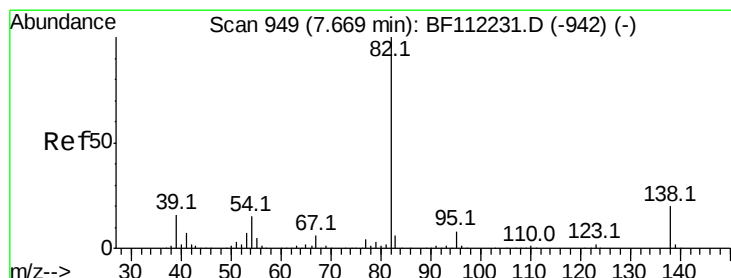
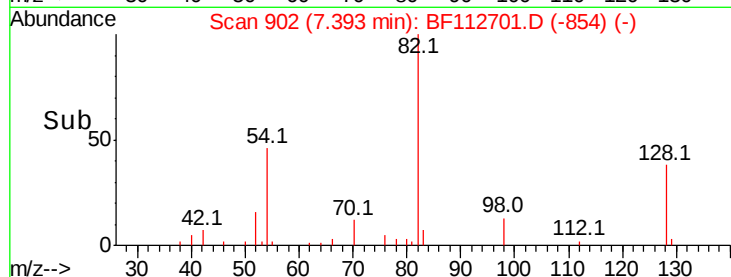
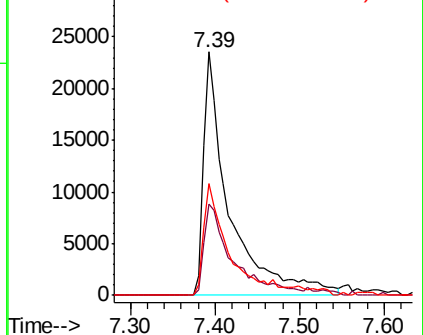
#23
Nitrobenzene-d5
Concen: 12.498 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion: 82 Resp: 50086
Ion Ratio Lower Upper
82 100
128 37.6 37.8 56.8#
54 46.0 39.7 59.5

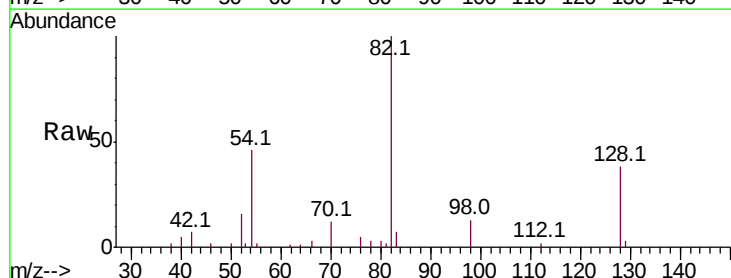


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

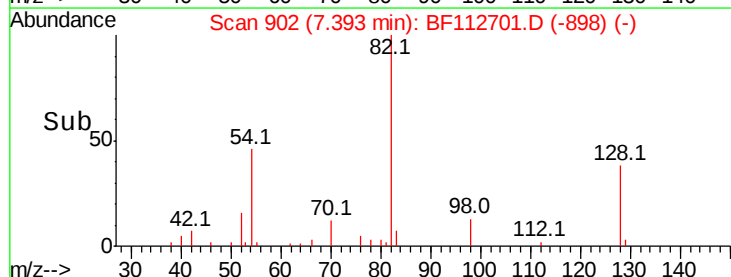
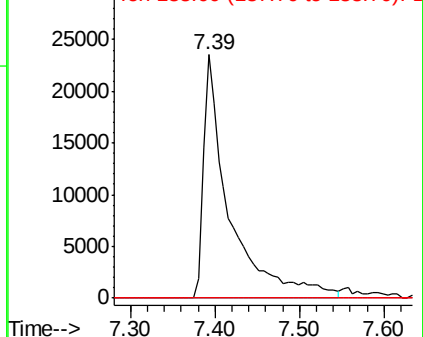


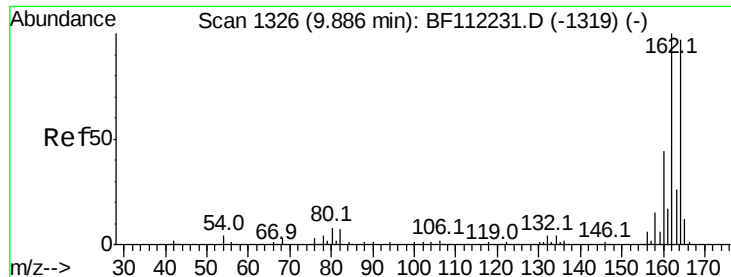
#25
Isophorone
Concen: 7.967 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Tgt Ion: 82 Resp: 50086
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



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

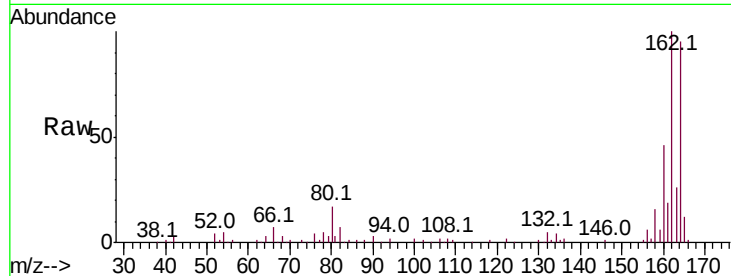




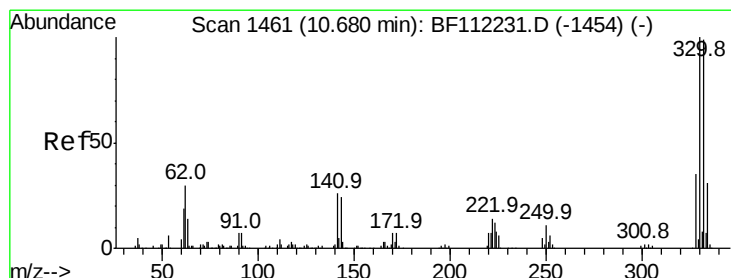
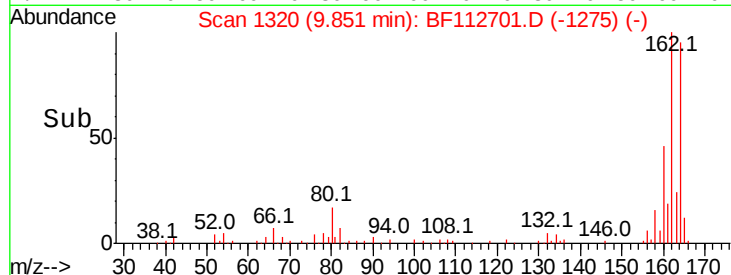
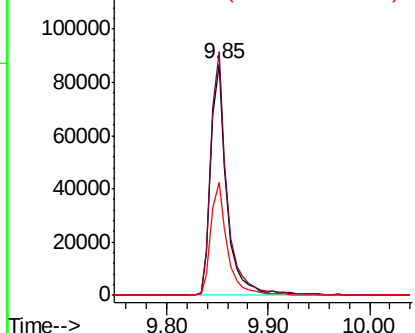
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion:164 Resp: 95836
Ion Ratio Lower Upper
164 100
162 105.2 82.2 123.4
160 48.9 36.2 54.4

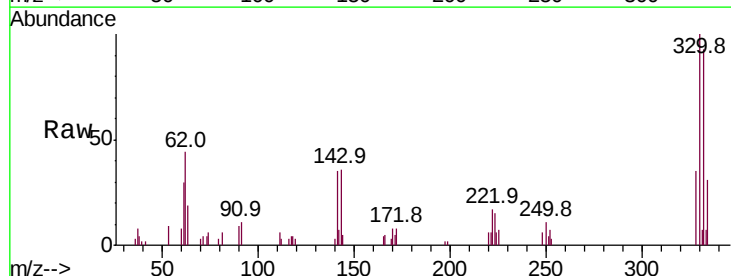


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

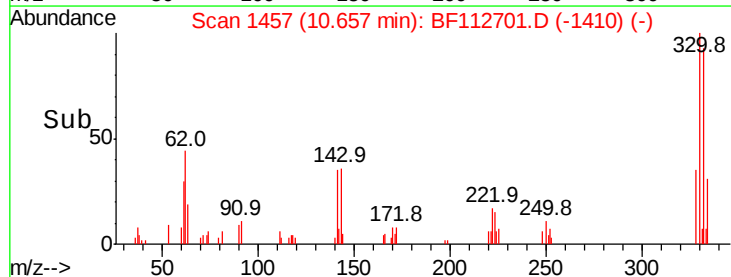
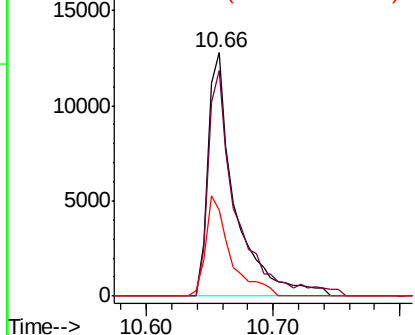


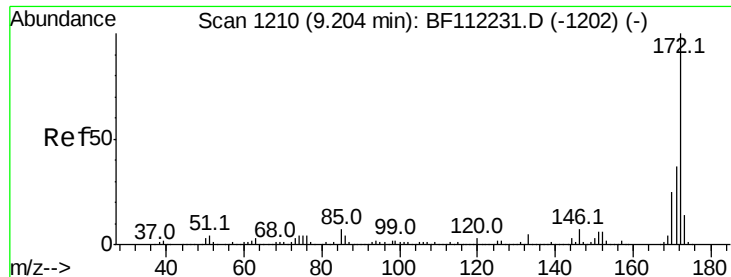
#42
2,4,6-Tribromophenol
Concen: 17.061 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Tgt Ion:330 Resp: 19032
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 37.4 24.3 36.5#



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: 12.385 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Instrument :

BNA_F

ClientSampleId :

COMP-15

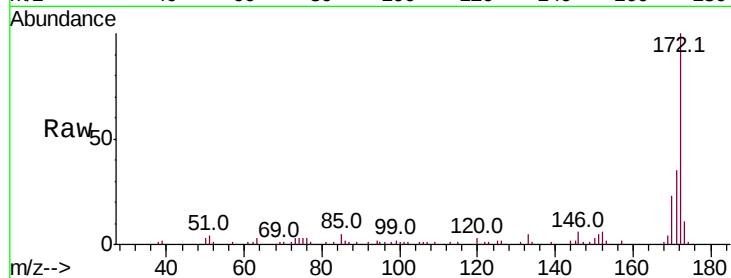
Tot Ion:172 Resp: 83922

Ion Ratio Lower Upper

172 100

171 35.0 30.5 45.7

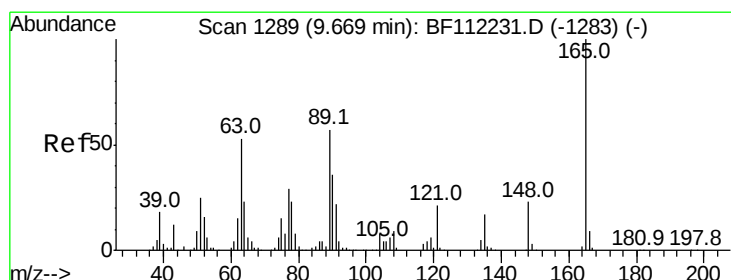
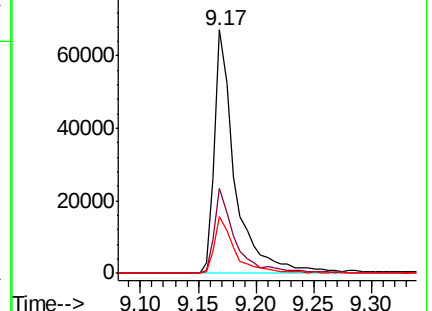
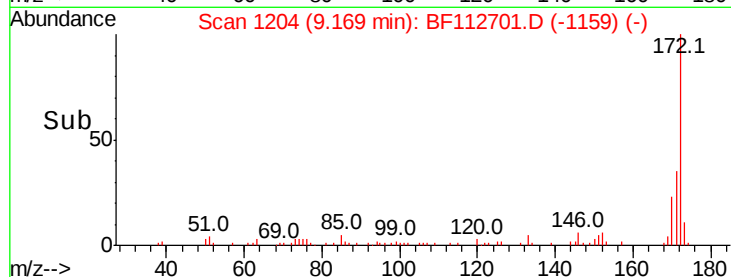
170 23.1 20.2 30.4



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: 7.199 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

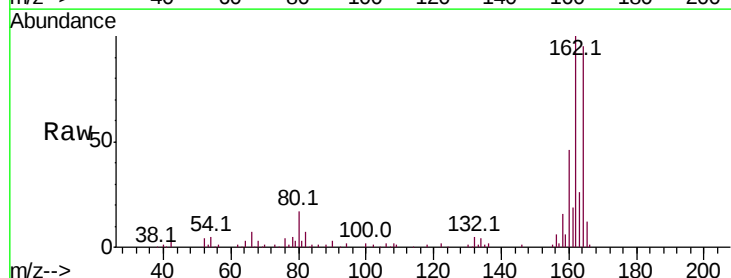
Tgt Ion:165 Resp: 12005

Ion Ratio Lower Upper

165 100

63 2.8 33.8 50.8#

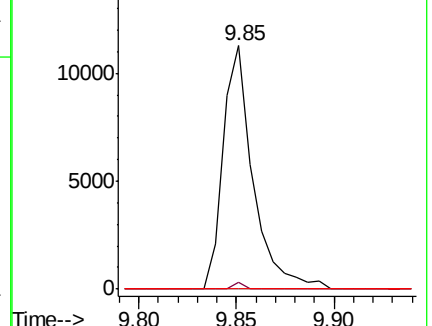
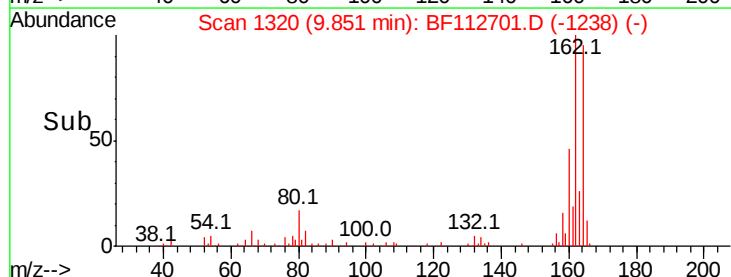
89 0.0 36.9 55.3#

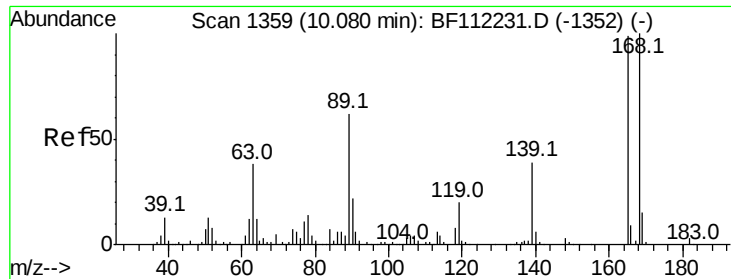


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

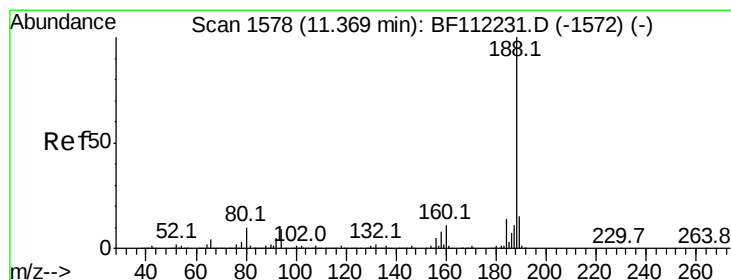
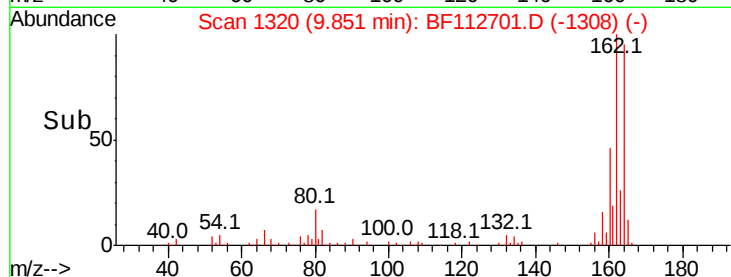
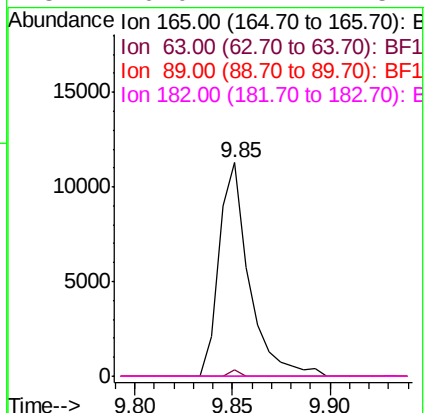
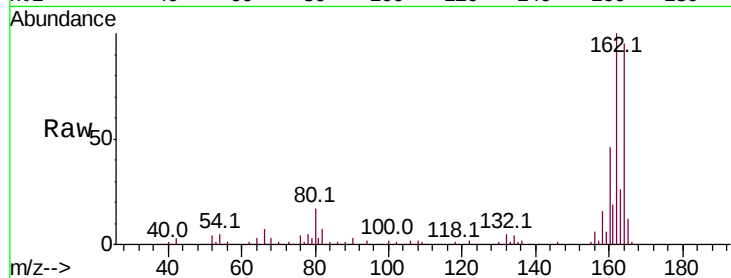




#57
 2,4-Dinitrotoluene
 Concen: 5.655 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

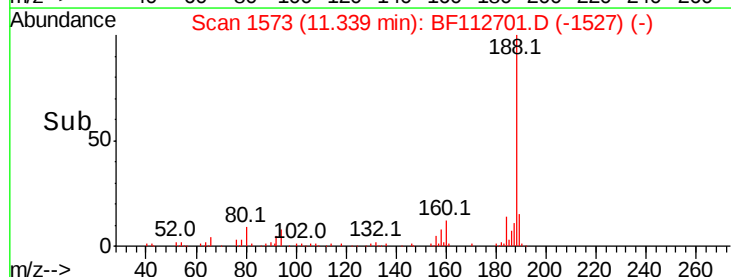
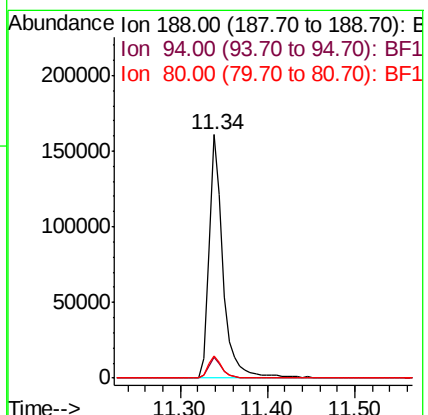
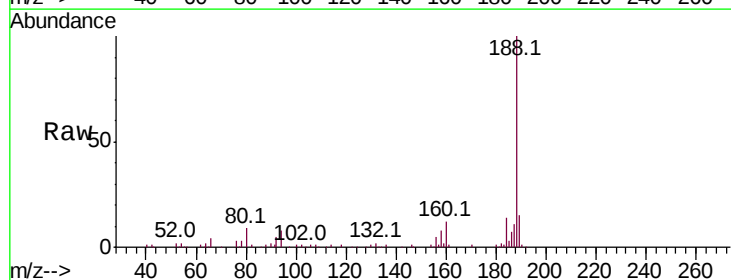
Instrument :
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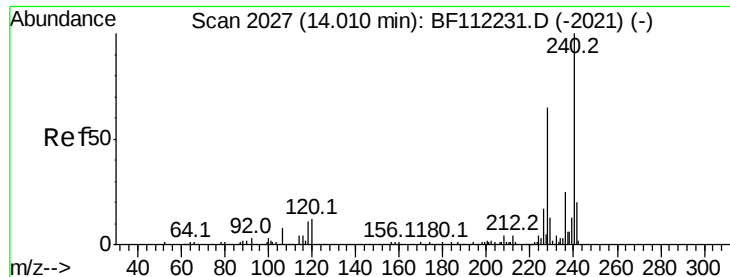
Tot Ion:	165	Resp:	12005
Ion	Ratio	Lower	Upper
165	100		
63	2.8	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Tgt Ion:	188	Resp:	178631
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.0	8.9	13.3

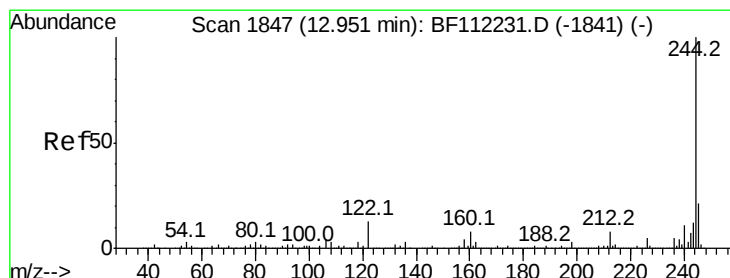
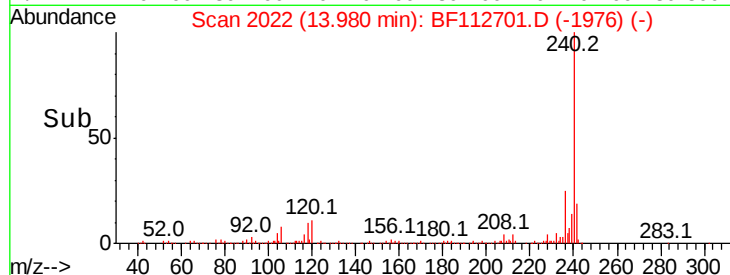
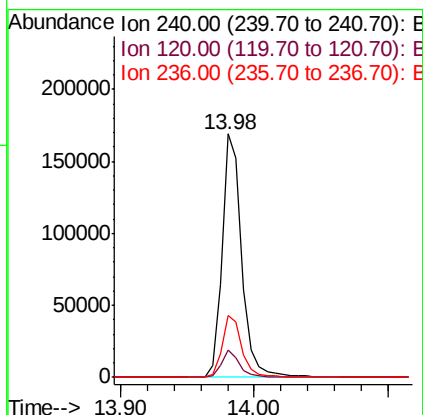
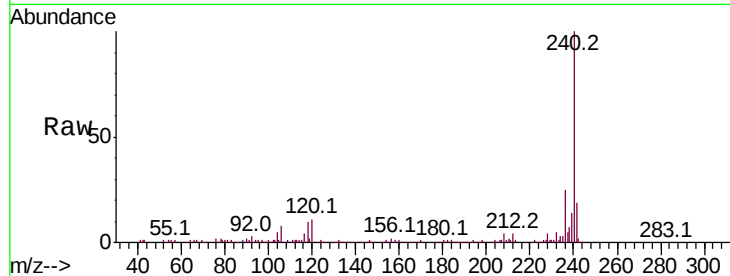




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

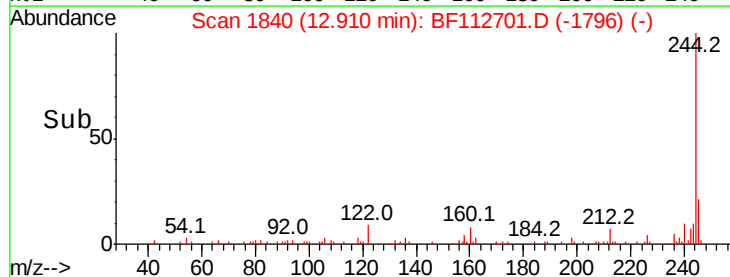
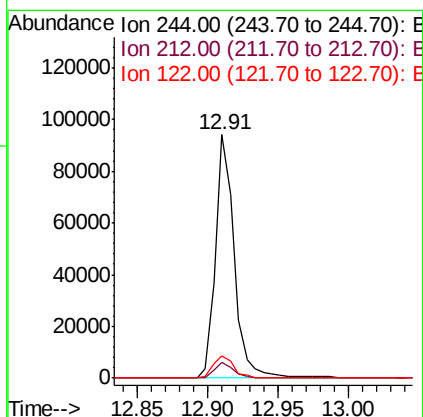
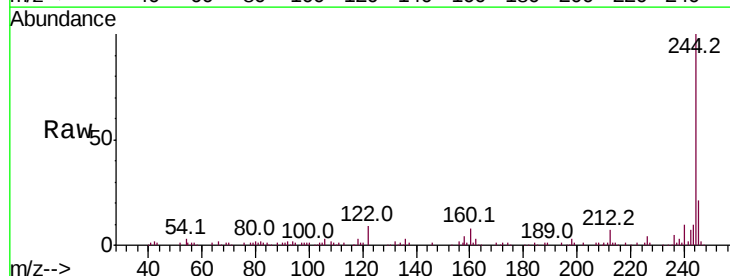
Instrument :
BNA_F
ClientSampleId :
COMP-15

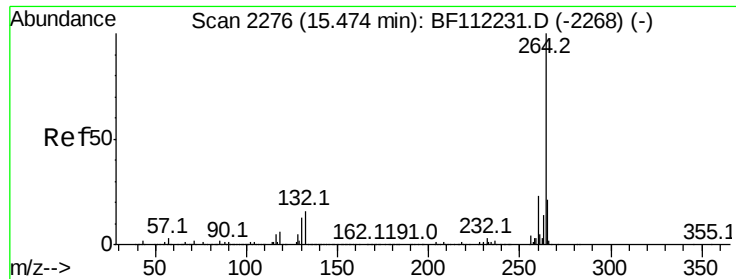
Tot Ion:240 Resp: 174936
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 9.384 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Tgt Ion:244 Resp: 87155
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.1 9.8 14.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	22.2	17.0	25.4

