

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112439.D
 Acq On : 7 Feb 2019 15:45
 Operator : JU/SJ
 Sample : K1389-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-7-S

Quant Time: Feb 09 03:12:57 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

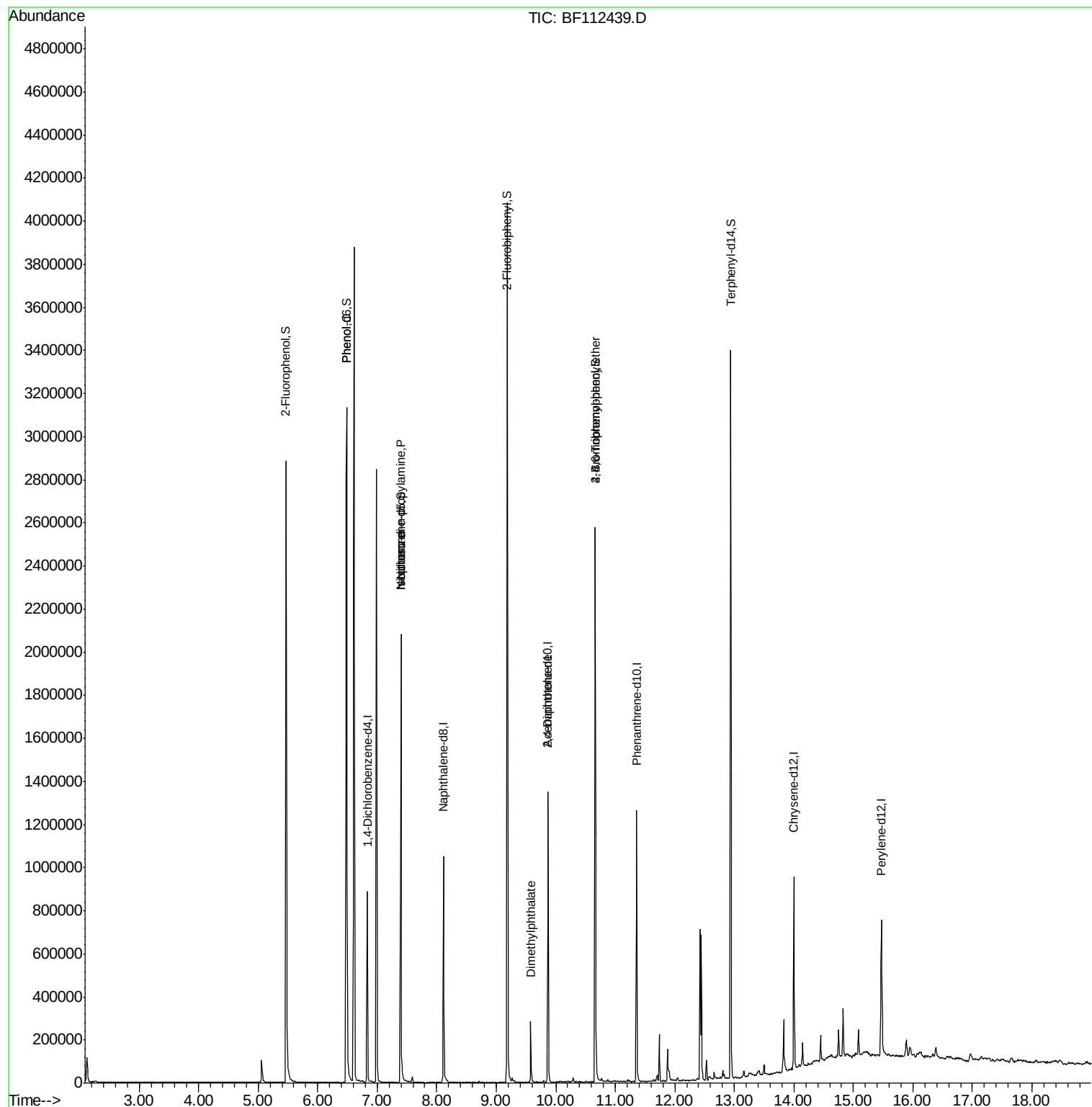
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	143303	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	544966	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	261390	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	447481	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	329178	20.00	ng	0.00
87) Perylene-d12	15.47	264	297552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	917170	135.94	ng	-0.01
7) Phenol-d6	6.49	99	1158003	123.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	709985	75.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	318369	104.64	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1321449	71.50	ng	-0.02
79) Terphenyl-d14	12.94	244	1087746	62.24	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	74702	7.263	ng	91
19) n-Nitroso-di-n-propylamine	7.40	70	95356	14.751	ng	# 75
25) Isophorone	7.40	82	709976	47.850	ng	# 63
50) Dimethylphthalate	9.58	163	119147	5.867	ng	98
57) 2,4-Dinitrotoluene	9.87	165	33646	5.811	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	19111	3.631	ng	# 1

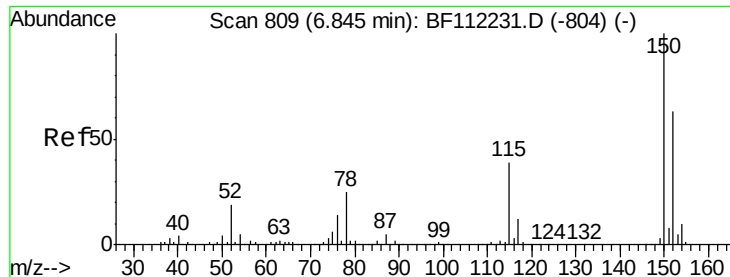
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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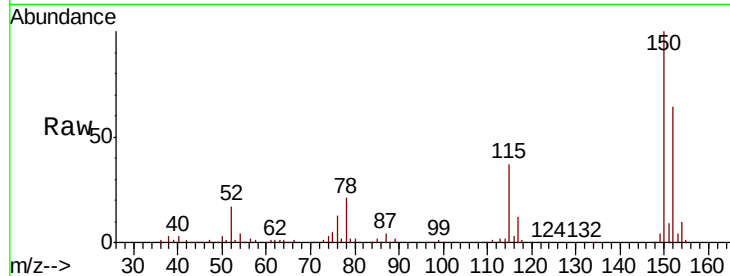


#1

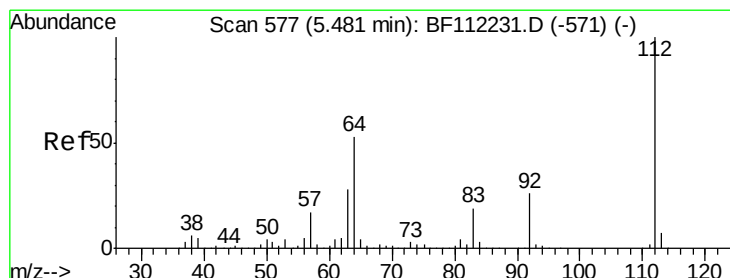
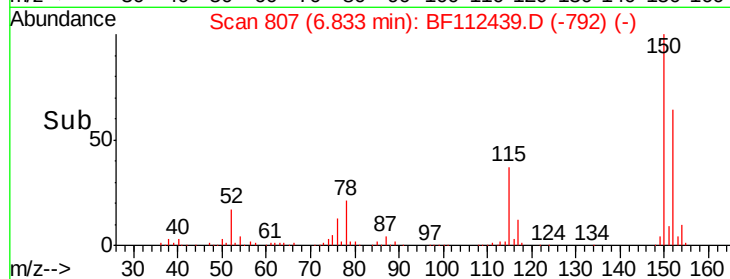
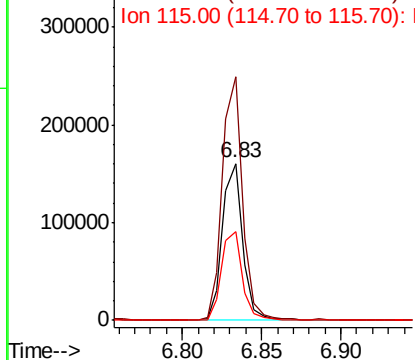
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

Instrument :
BNA_F
ClientSampleId :
M-7-S

Tot Ion:152 Resp: 143303
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 57.0 45.5 68.3



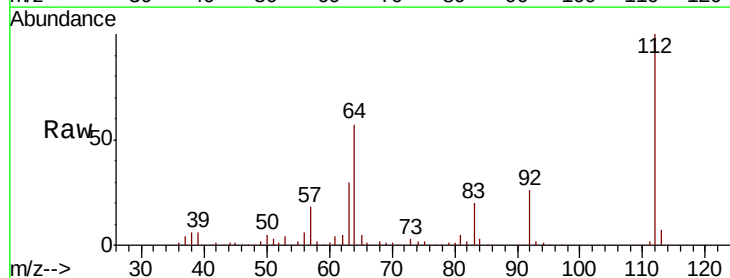
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



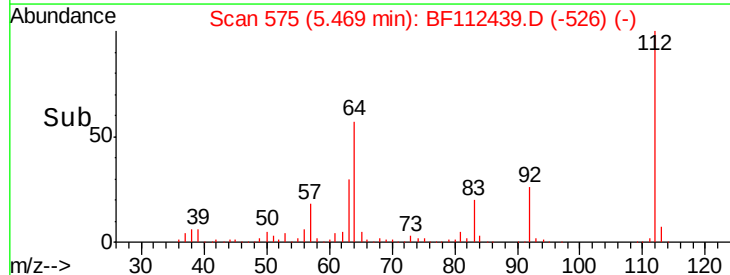
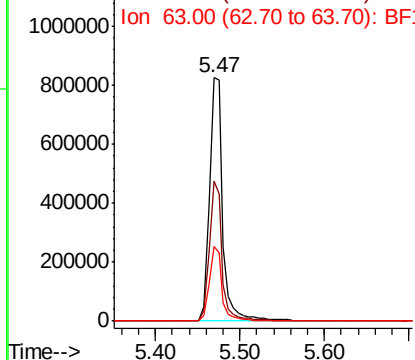
#5

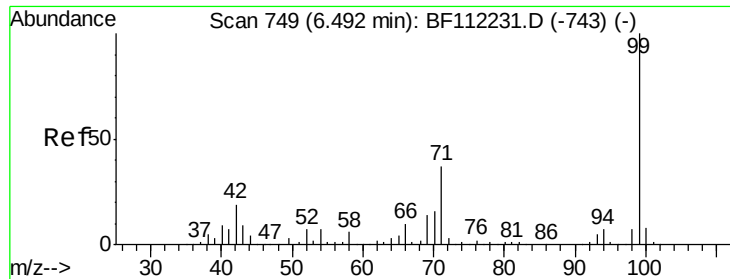
2-Fluorophenol
Concen: 135.945 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

Tgt Ion:112 Resp: 917170
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.4 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: 123.523 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

Instrument :

BNA_F

ClientSampled :

M-7-S

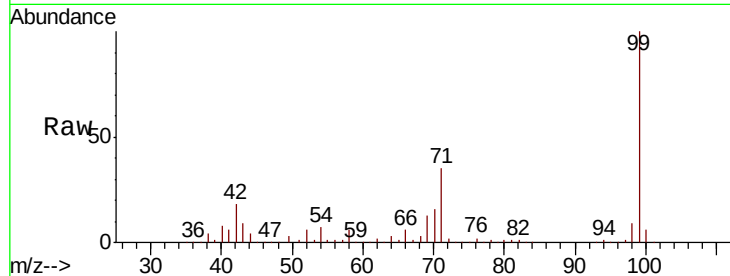
Tot Ion: 99 Resp: 1158003

Ion Ratio Lower Upper

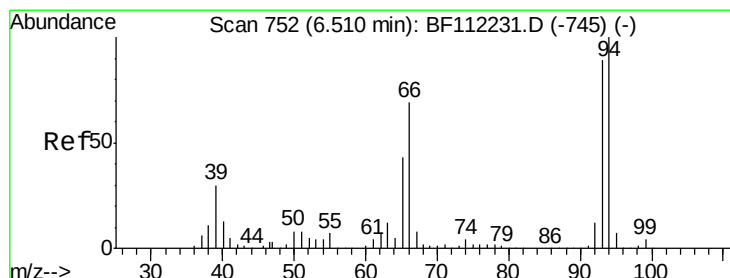
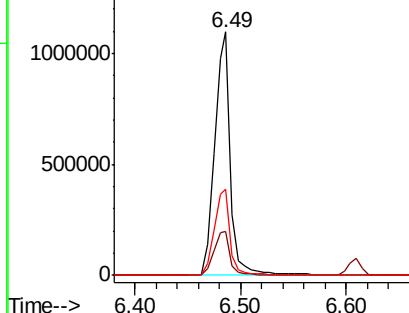
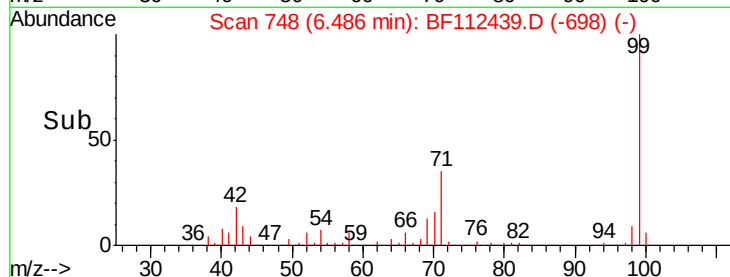
99 100

42 18.1 15.1 22.7

71 35.4 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



#10

Phenol

Concen: 7.263 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

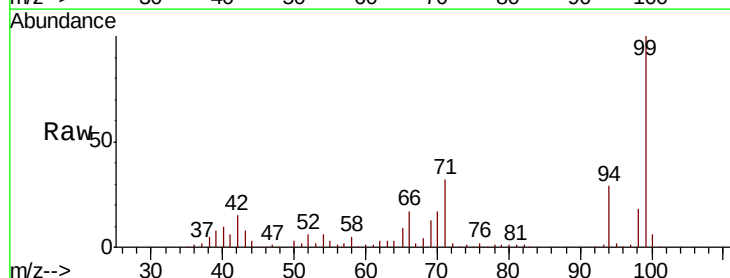
Tgt Ion: 94 Resp: 74702

Ion Ratio Lower Upper

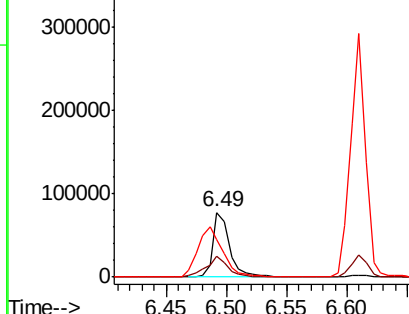
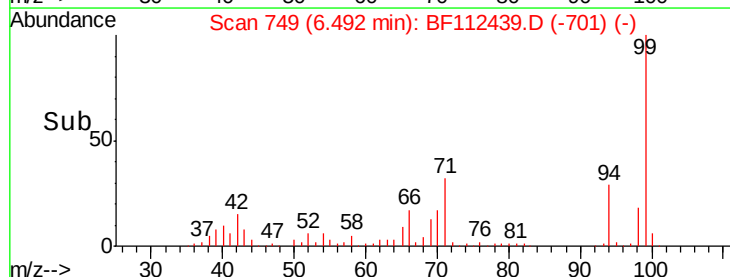
94 100

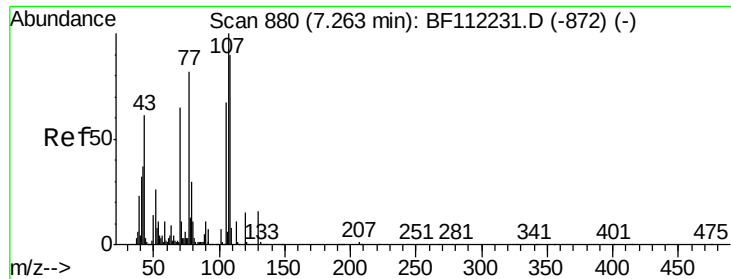
65 32.0 20.3 60.3

66 57.8 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

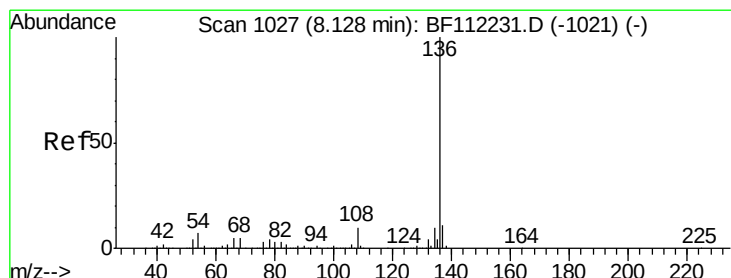
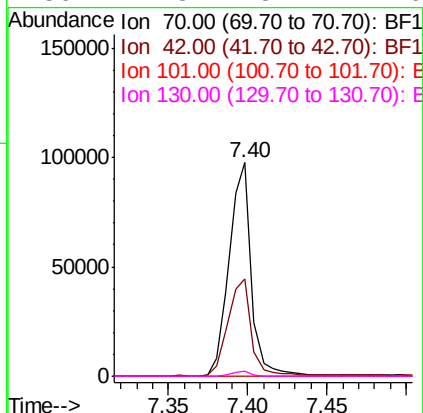
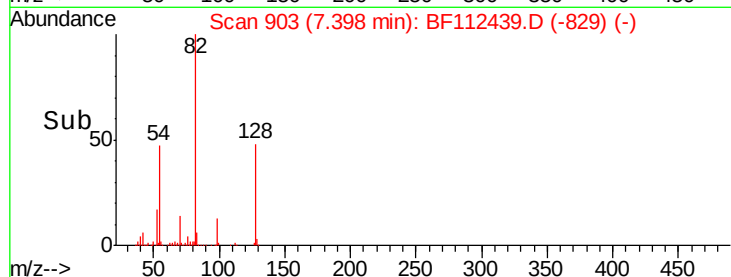
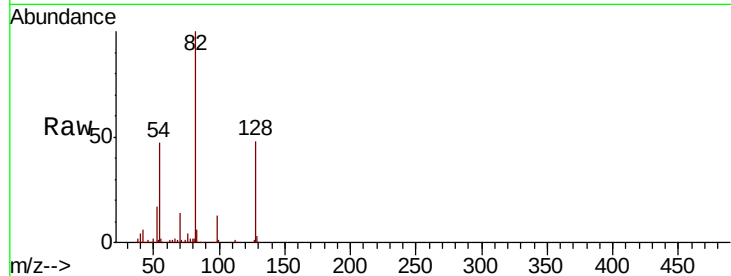




#19
n-Nitroso-di-n-propylamine
Concen: 14.751 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

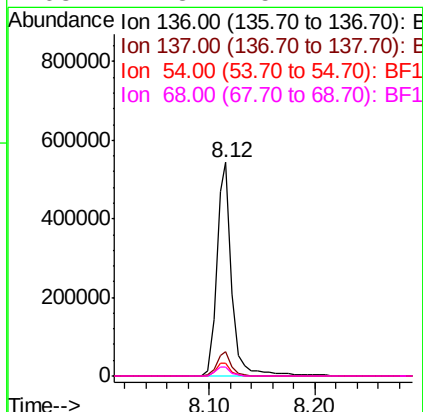
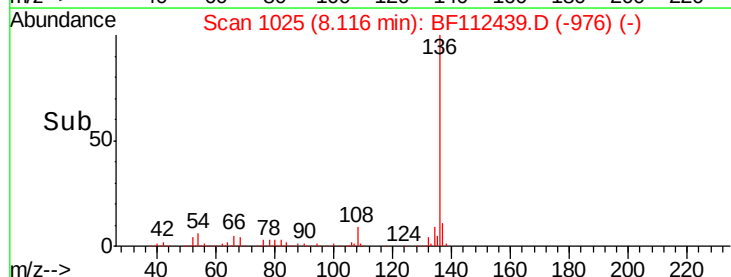
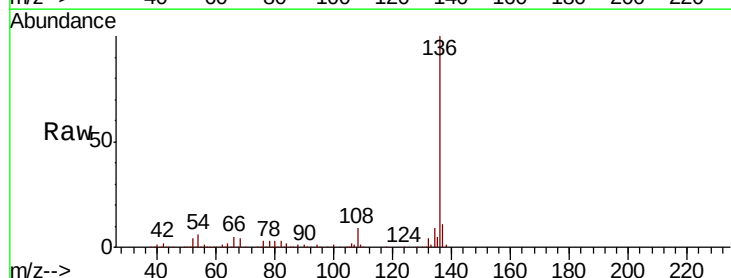
Instrument :
BNA_F
ClientSampleId :
M-7-S

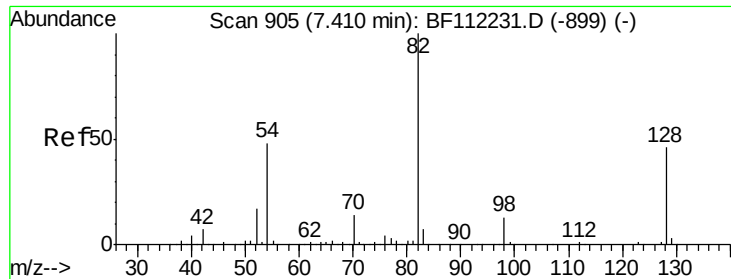
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	5.8	5.9	8.9#
68	4.3	5.1	7.7#

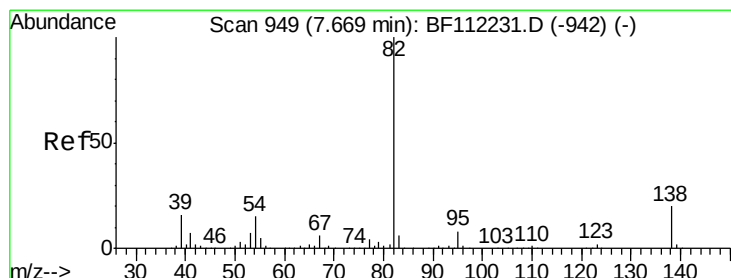
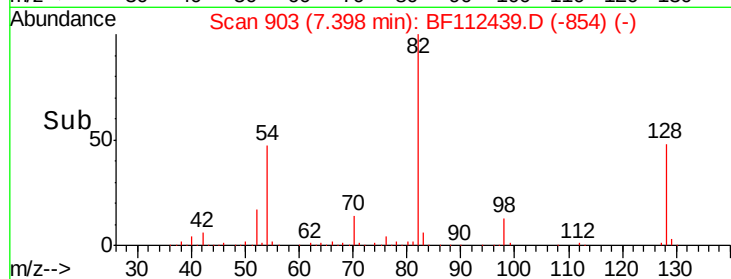
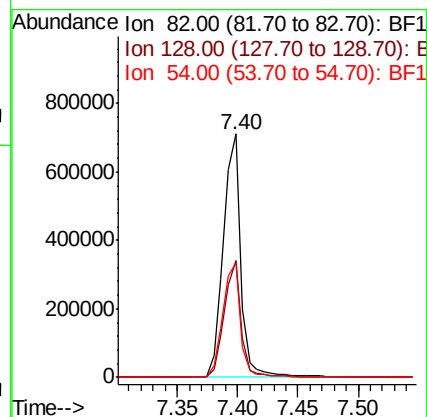
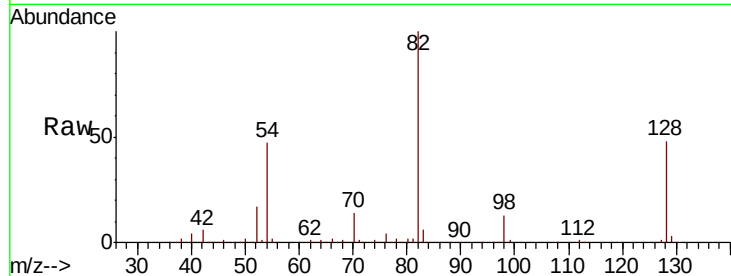




#23
Nitrobenzene-d5
Concen: 75.067 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

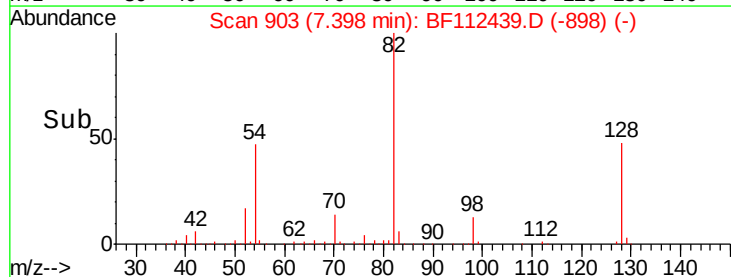
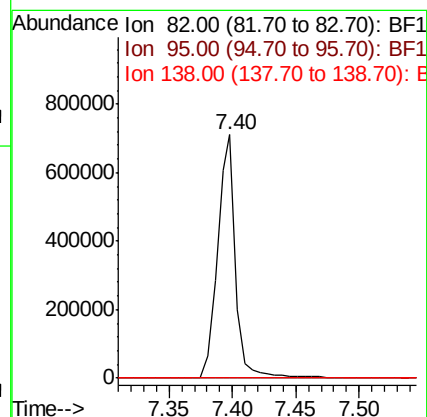
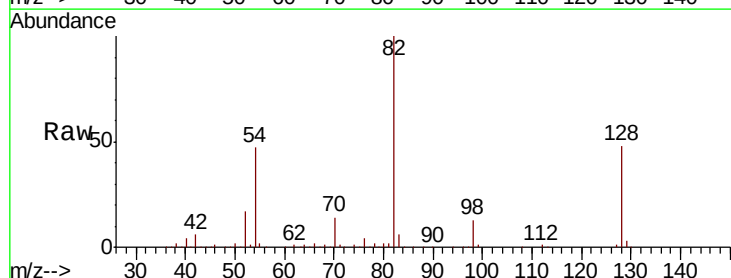
Instrument :
BNA_F
ClientSampled :
M-7-S

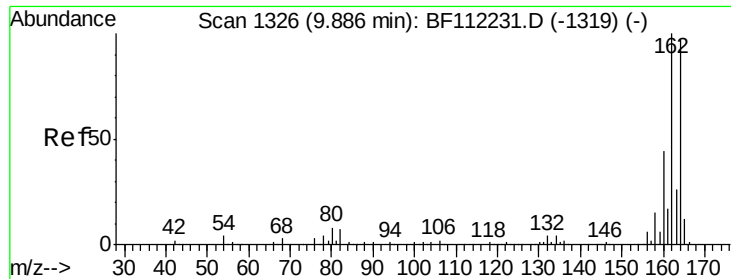
Tot Ion	82	Resp	709985
Ion Ratio	100	Lower	Upper
128	48.0	37.8	56.8
54	46.9	39.7	59.5



#25
Isophorone
Concen: 47.850 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112439.D
Acq: 7 Feb 2019 15:45

Tgt Ion	82	Resp	709976
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

Instrument :

BNA_F

ClientSampleId :

M-7-S

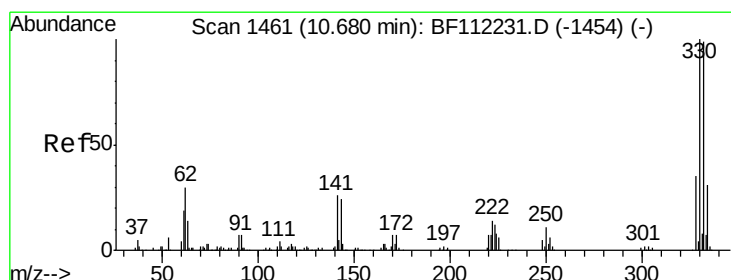
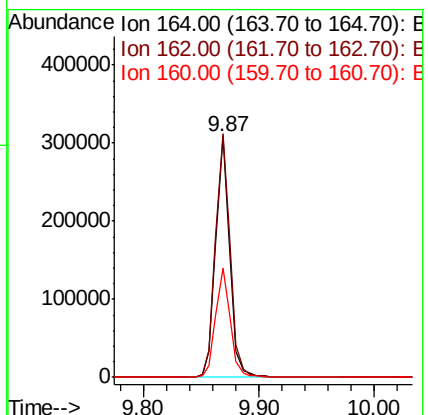
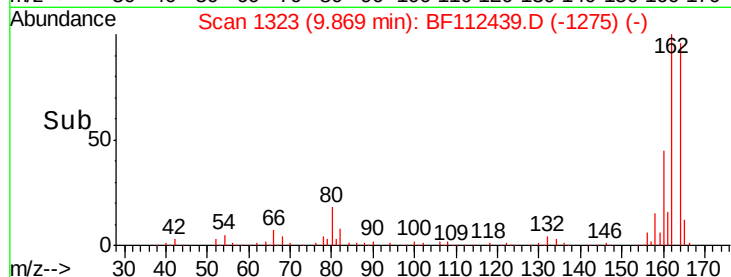
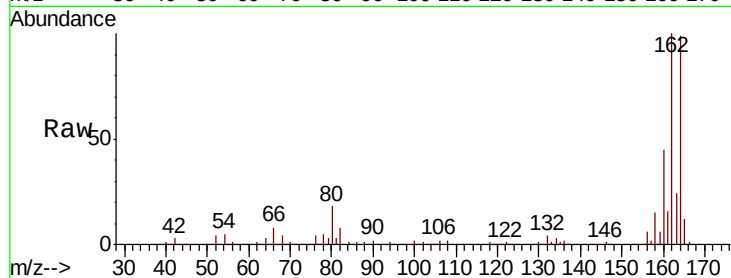
Tot Ion:164 Resp: 261390

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

160 45.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 104.640 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

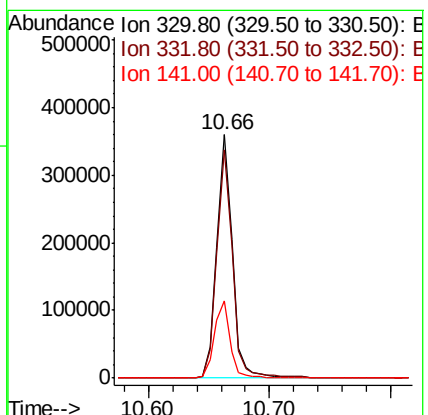
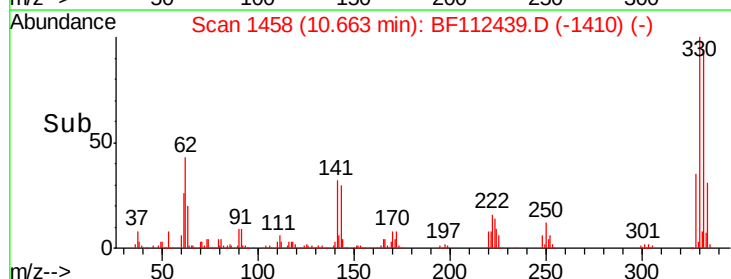
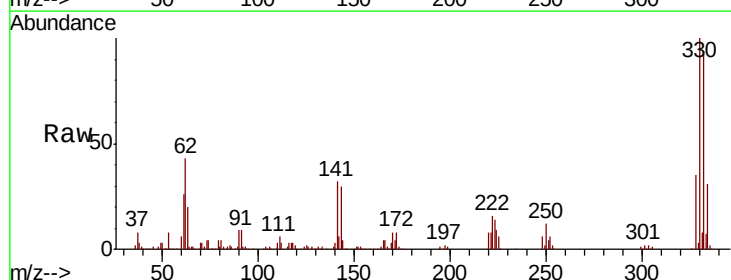
Tgt Ion:330 Resp: 318369

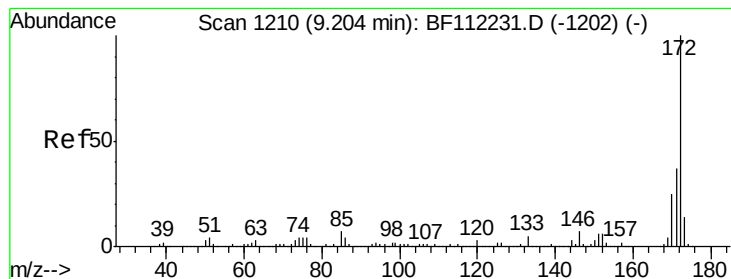
Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

141 32.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 71.501 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

Instrument :

BNA_F

ClientSampleId :

M-7-S

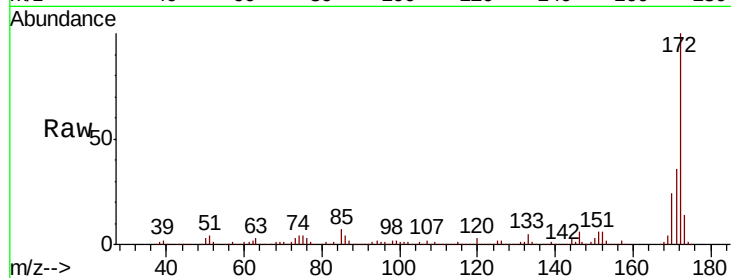
Tot Ion:172 Resp: 1321449

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

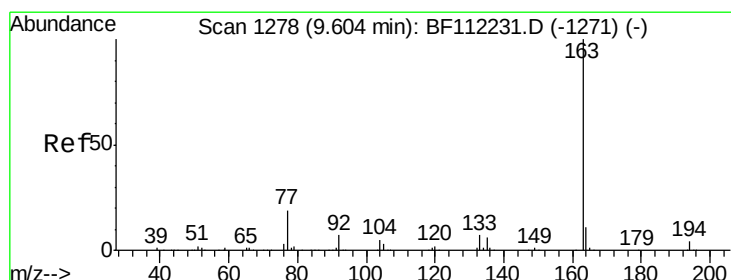
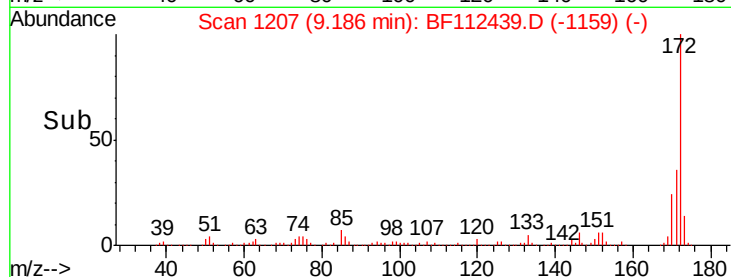
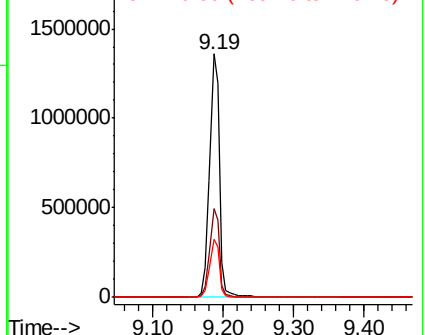
170 24.1 20.2 30.4



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



#50

Dimethylphthalate

Concen: 5.867 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

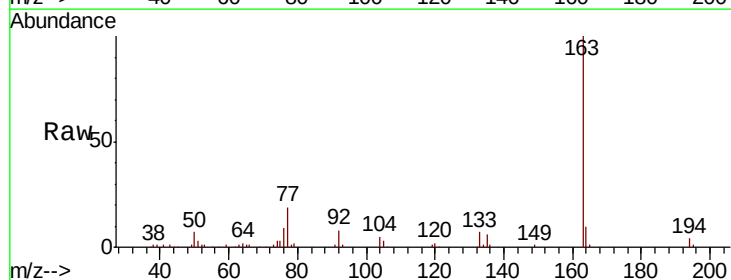
Tgt Ion:163 Resp: 119147

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

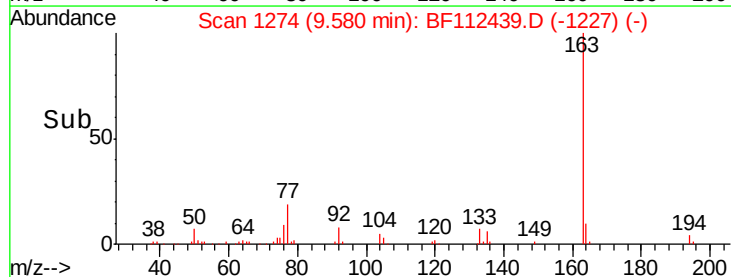
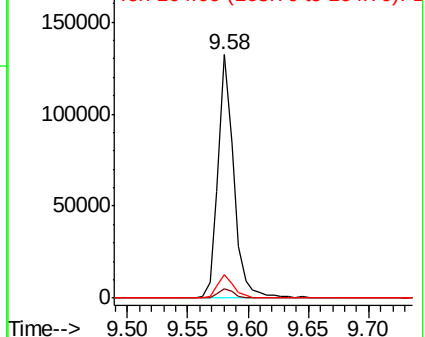
164 9.7 8.5 12.7

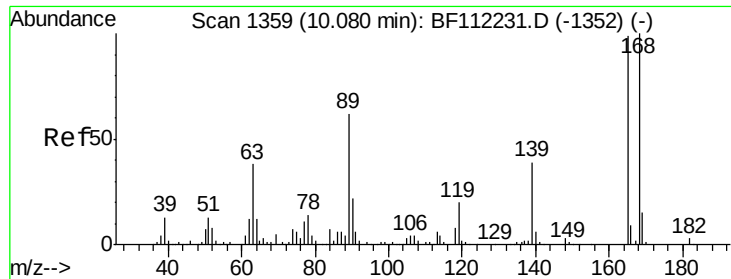


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

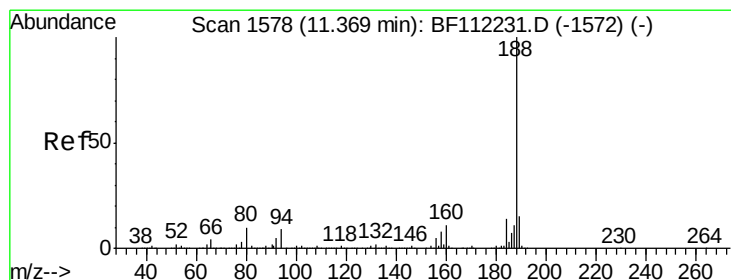
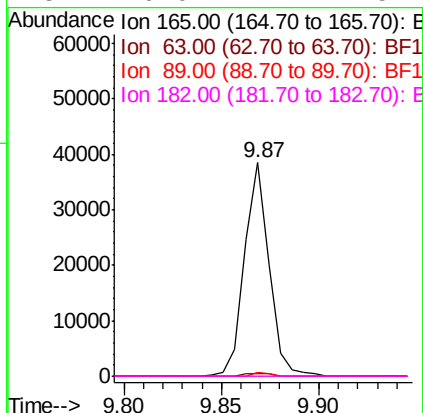
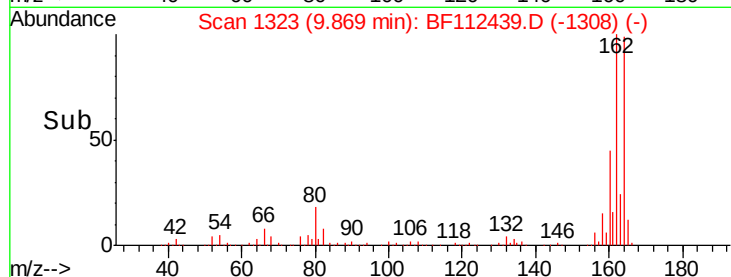
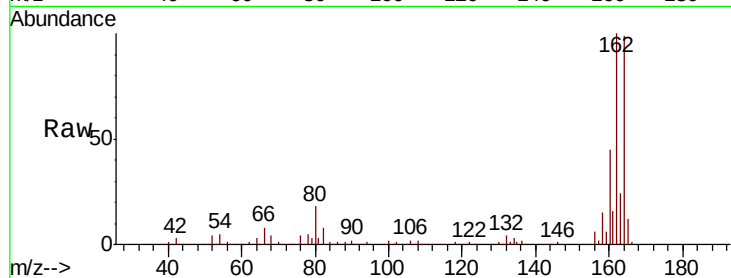




#57
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112439.D
 Acq: 7 Feb 2019 15:45

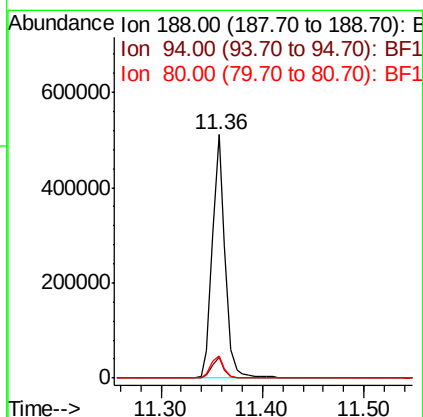
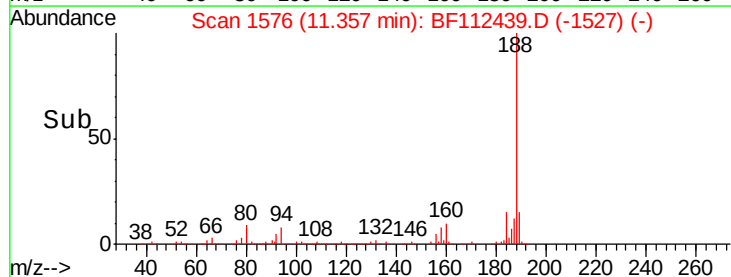
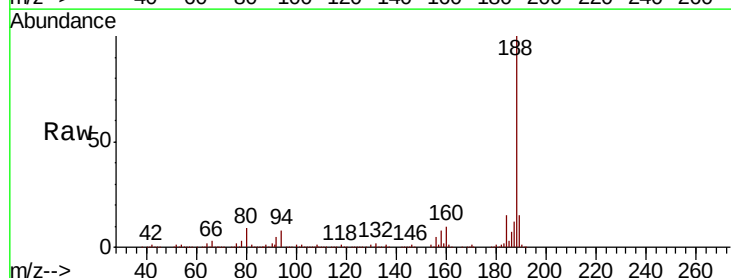
Instrument :
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 M-7-S

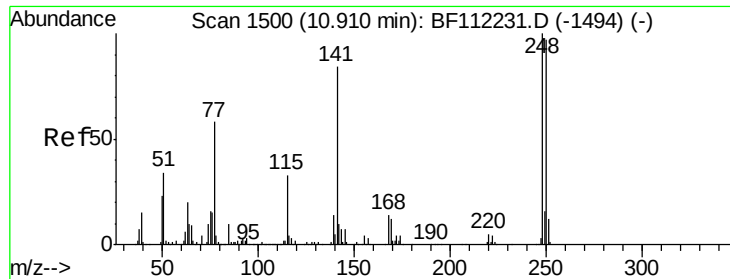
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112439.D
 Acq: 7 Feb 2019 15:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.2	8.9	13.3

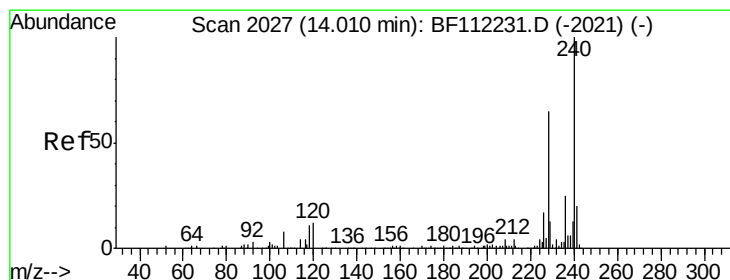
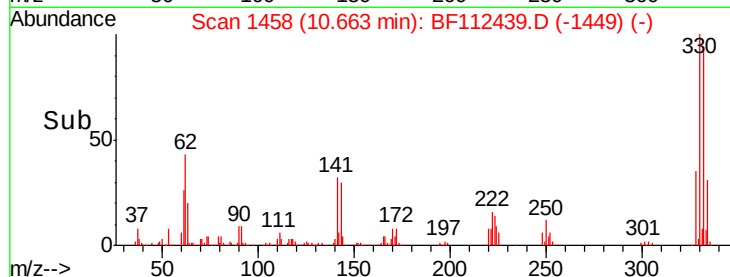
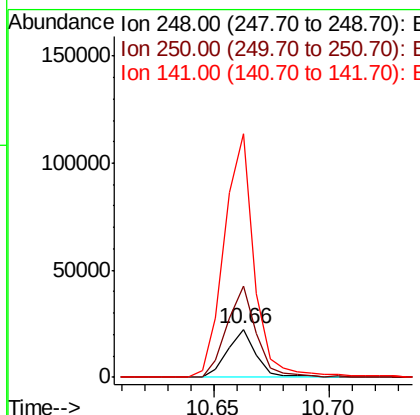
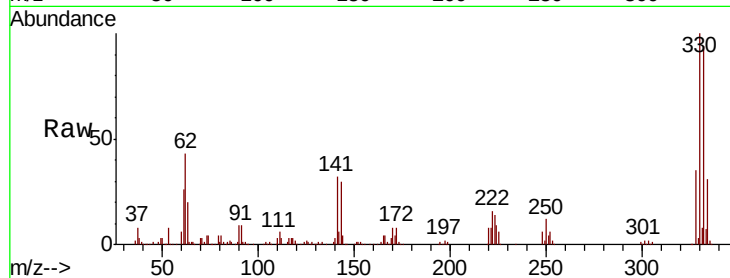




#67
 4-Bromophenyl-phenylether
 Concen: 3.631 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112439.D
 Acq: 7 Feb 2019 15:45

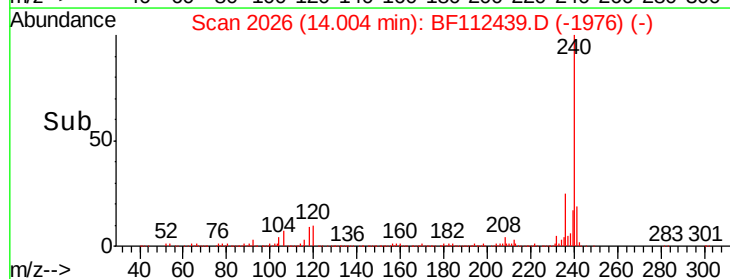
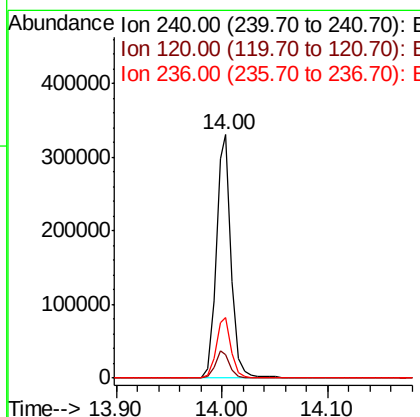
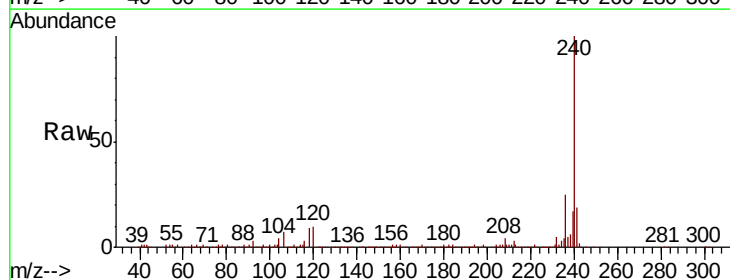
Instrument :
 BNA_F
 ClientSampled :
 M-7-S

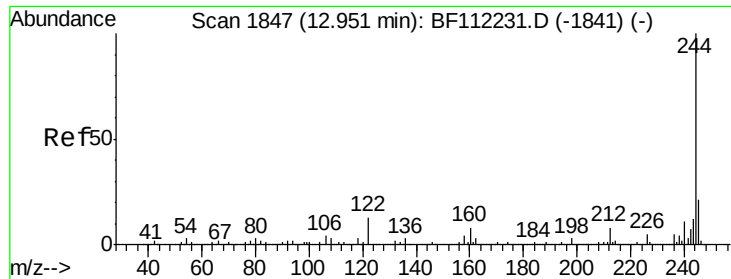
Tot Ion:248 Resp: 19111
 Ion Ratio Lower Upper
 248 100
 250 189.6 79.7 119.5#
 141 505.3 60.3 90.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112439.D
 Acq: 7 Feb 2019 15:45

Tgt Ion:240 Resp: 329178
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.6
 236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 62.237 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

Instrument :

BNA_F

ClientSampleId :

M-7-S

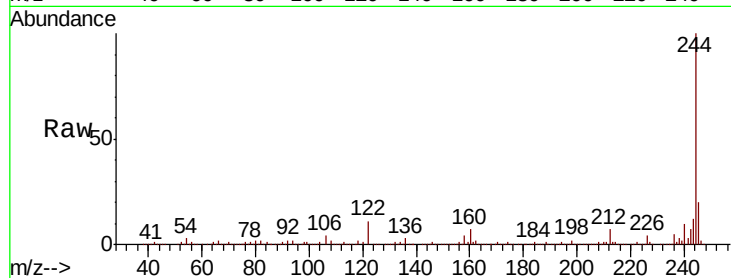
Tot Ion:244 Resp: 1087746

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

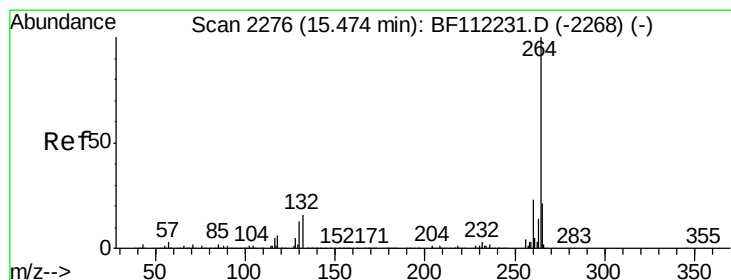
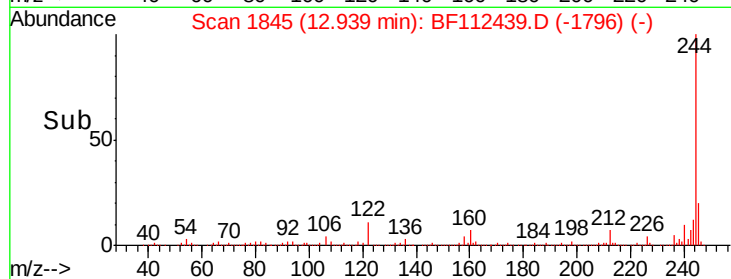
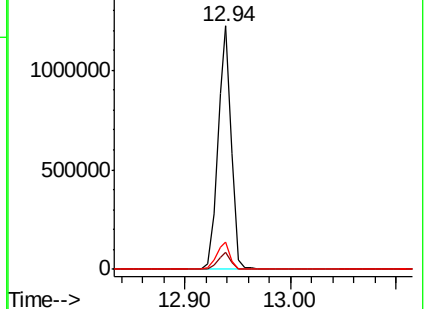
122 11.1 9.8 14.6



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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112439.D

Acq: 7 Feb 2019 15:45

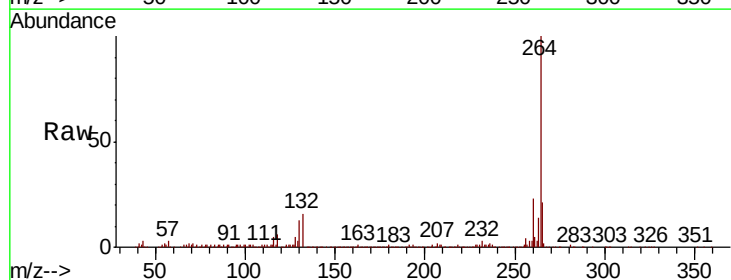
Tgt Ion:264 Resp: 297552

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 20.8 17.0 25.4



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

