

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113302.D
 Acq On : 26 Mar 2019 20:25
 Operator : JU/SJ
 Sample : K2081-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4C(6-18)COMP

Quant Time: Mar 27 05:01:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

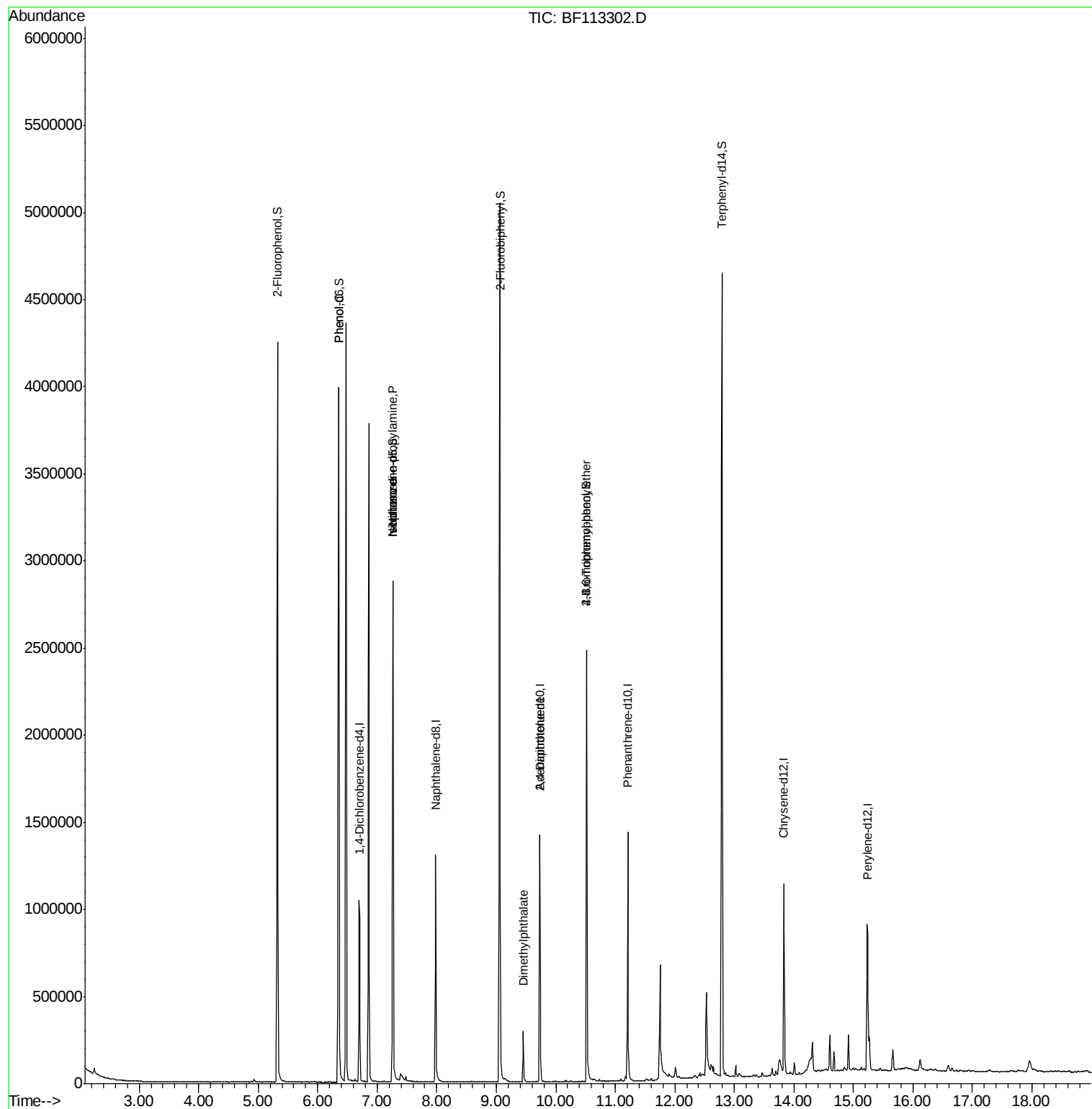
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167336	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	647228	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	309540	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	595321	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404496	20.00	ng	-0.01
87) Perylene-d12	15.23	264	428660	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1366578	133.53	ng	0.01
7) Phenol-d6	6.36	99	1714807	132.45	ng	0.00
23) Nitrobenzene-d5	7.26	82	1162324	106.59	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	385794	100.90	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1931212	101.14	ng	0.00
79) Terphenyl-d14	12.79	244	1750789	95.40	ng	0.00
Target Compounds						
10) Phenol	6.36	94	45426	3.073	ng	79
19) n-Nitroso-di-n-propylamine	7.26	70	151952	18.685	ng	# 78
25) Isophorone	7.26	82	1140997	53.992	ng	# 64
50) Dimethylphthalate	9.45	163	131356	5.726	ng	99
57) 2,4-Dinitrotoluene	9.73	165	39688	6.031	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	21873	3.371	ng	# 1

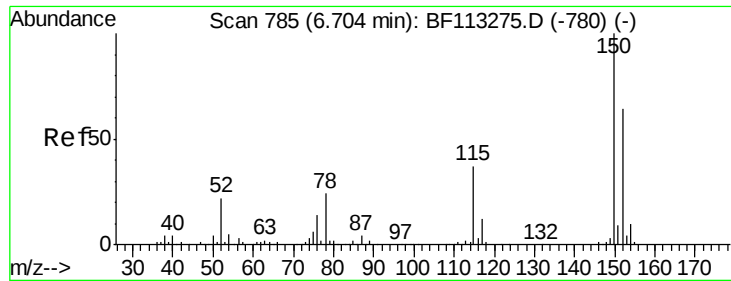
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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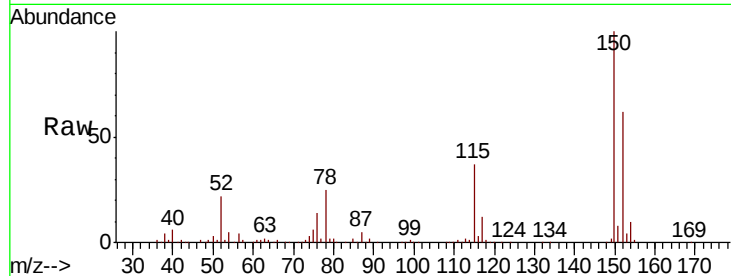


#1

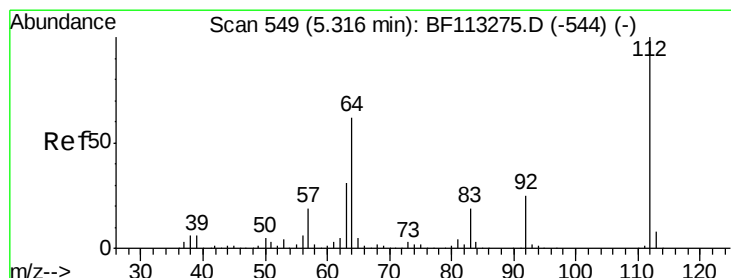
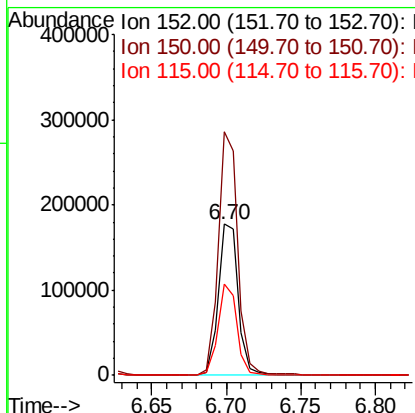
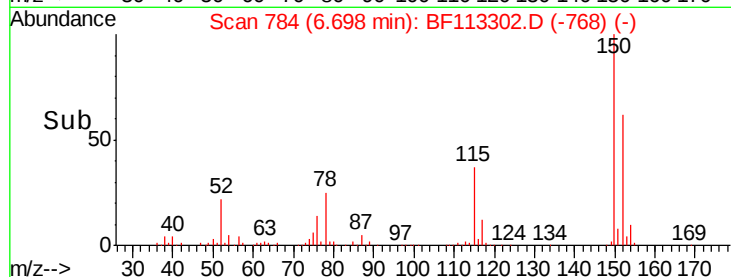
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :
 S4C(6-18)COMP

Tgt Ion:152 Resp: 167336
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.7 187.1
 115 60.4 46.0 69.0



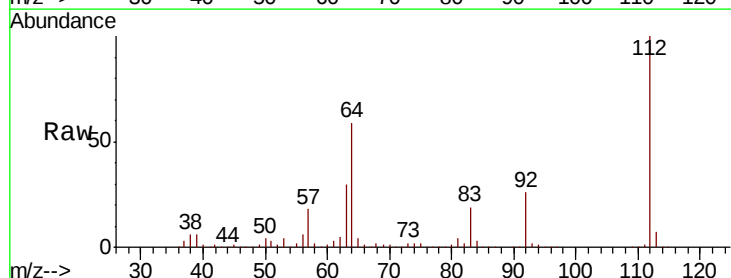
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



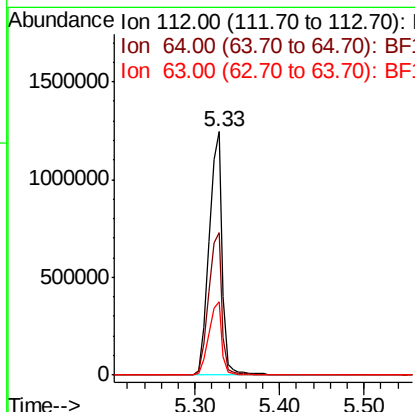
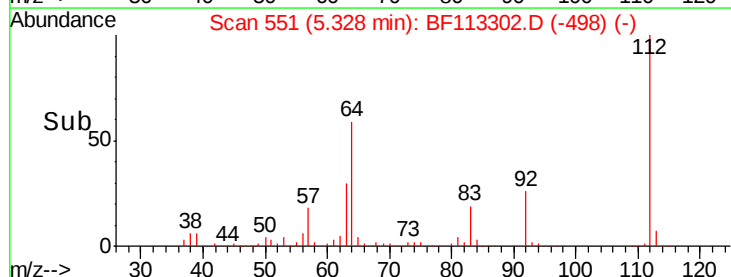
#5

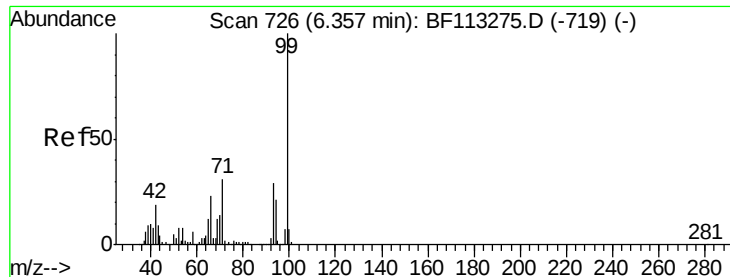
2-Fluorophenol
 Concen: 133.535 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Tgt Ion:112 Resp: 1366578
 Ion Ratio Lower Upper
 112 100
 64 58.7 49.2 73.8
 63 30.1 24.9 37.3



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: 132.454 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113302.D

Acq: 26 Mar 2019 20:25

Instrument :

BNA_F

ClientSampleId :

S4C(6-18)COMP

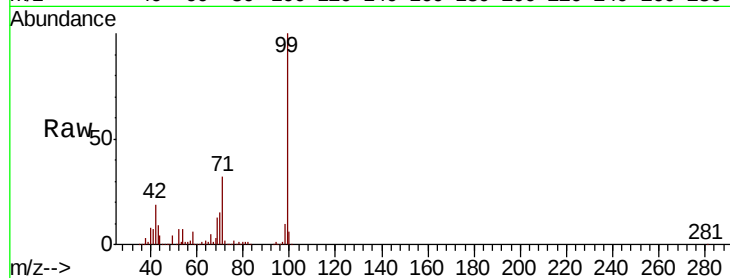
Tgt Ion: 99 Resp: 1714807

Ion Ratio Lower Upper

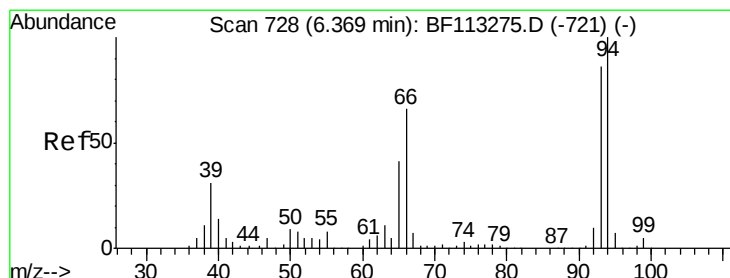
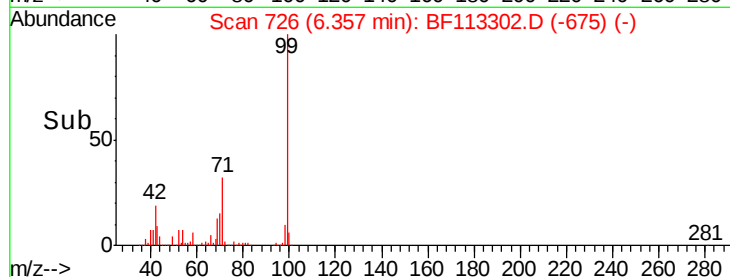
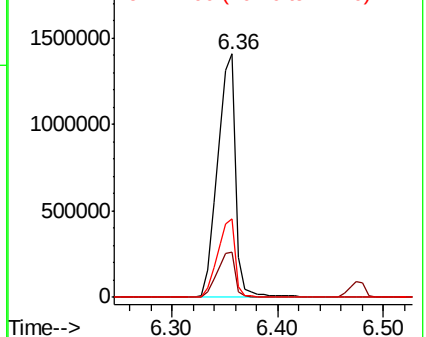
99 100

42 18.6 14.8 22.2

71 32.3 24.9 37.3



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: 3.073 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113302.D

Acq: 26 Mar 2019 20:25

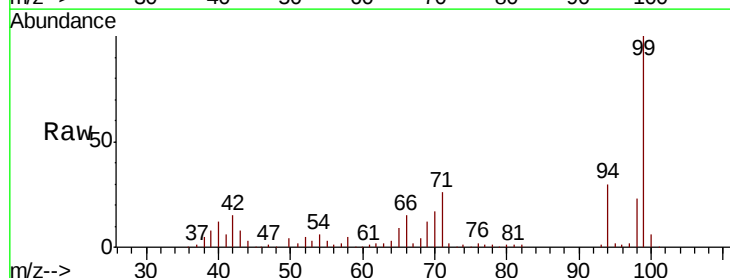
Tgt Ion: 94 Resp: 45426

Ion Ratio Lower Upper

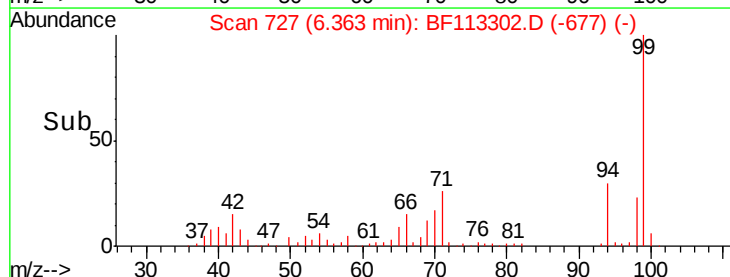
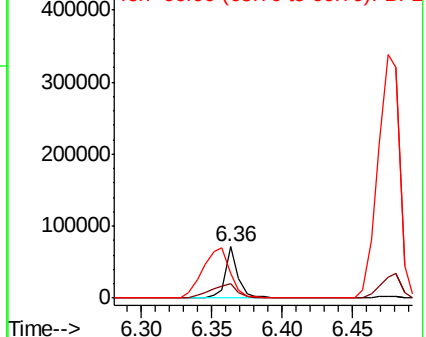
94 100

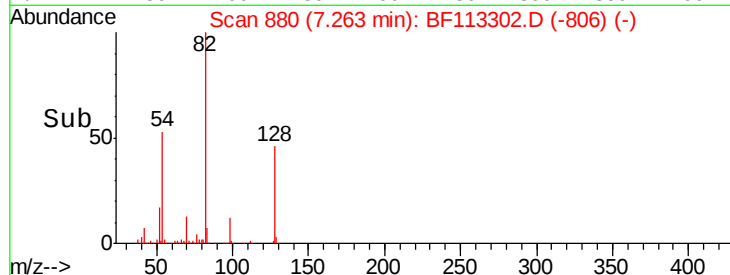
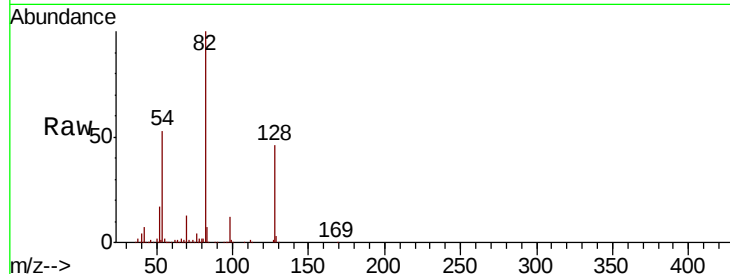
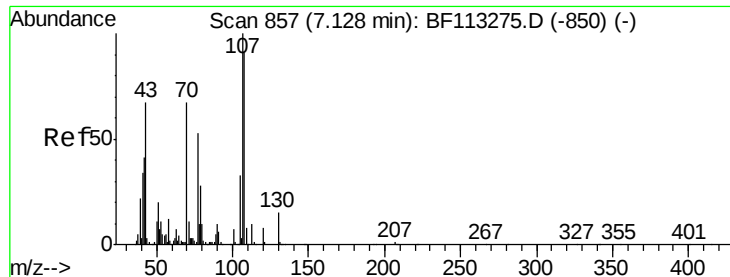
65 28.7 21.4 61.4

66 48.6 46.4 86.4



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

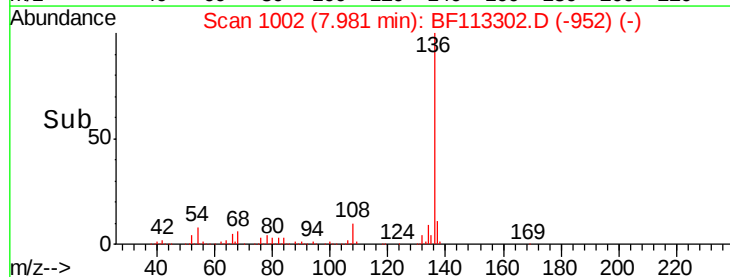
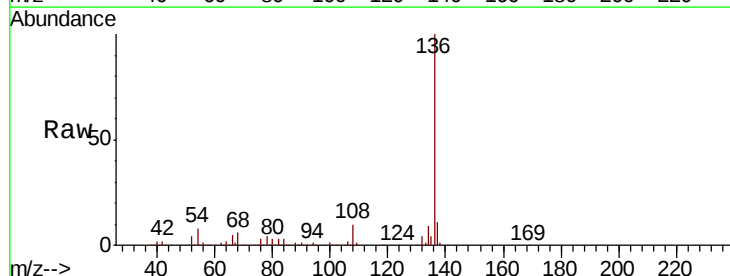
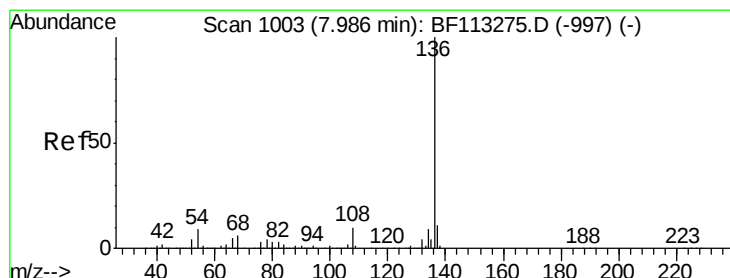
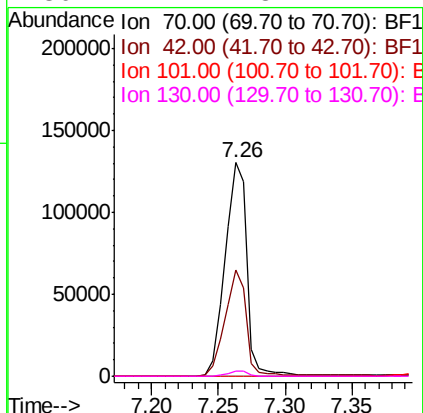




#19
n-Nitroso-di-n-propylamine
Concen: 18.685 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

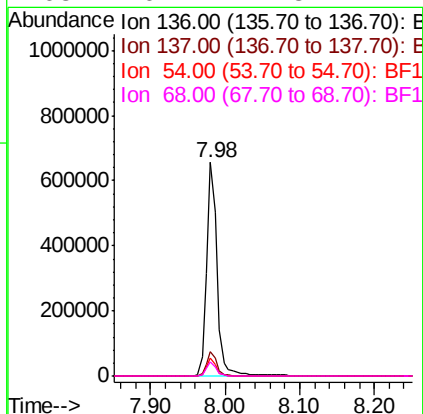
Instrument :
BNA_F
ClientSampleId :
S4C(6-18)COMP

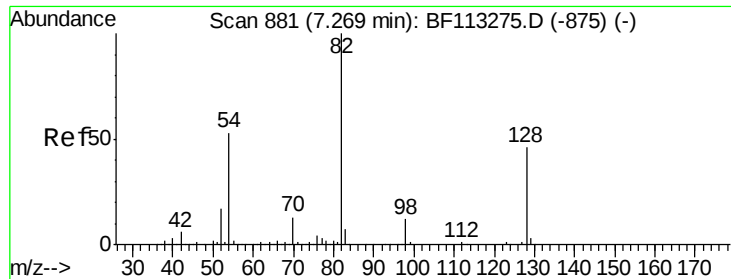
Tgt Ion:	70	Resp:	151952
Ion	Ratio	Lower	Upper
70	100		
42	50.0	48.4	72.6
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

Tgt Ion:	136	Resp:	647228
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	7.0	10.6
68	6.4	4.8	7.2

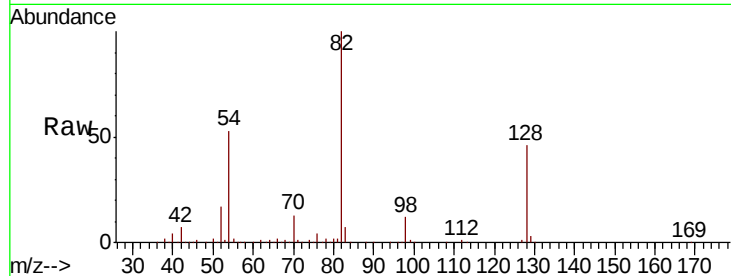




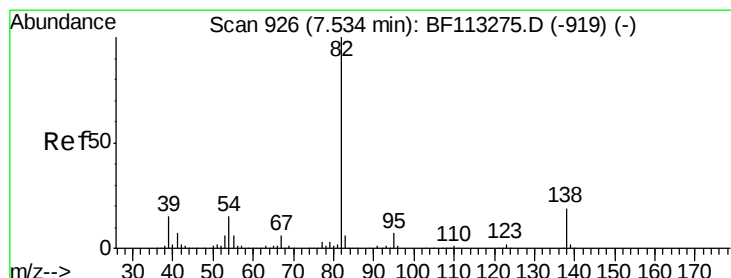
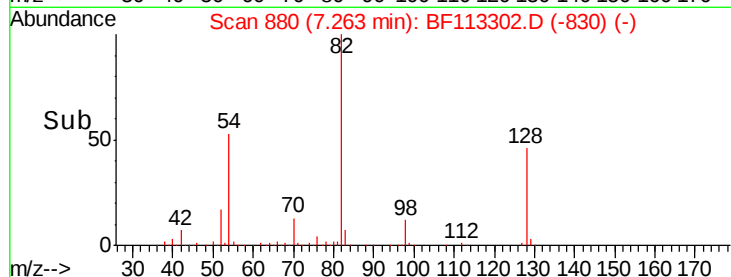
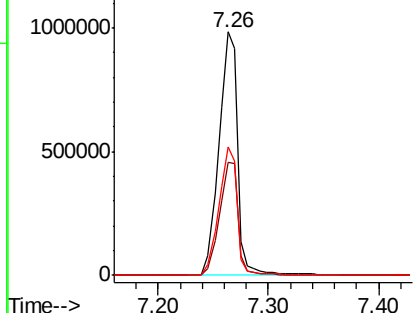
#23
Nitrobenzene-d5
Concen: 106.591 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

Instrument :
BNA_F
ClientSampleId :
S4C(6-18)COMP

Tgt Ion: 82 Resp: 1162324
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 52.6 42.2 63.2

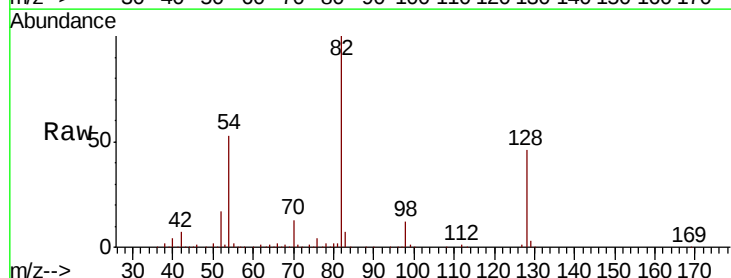


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

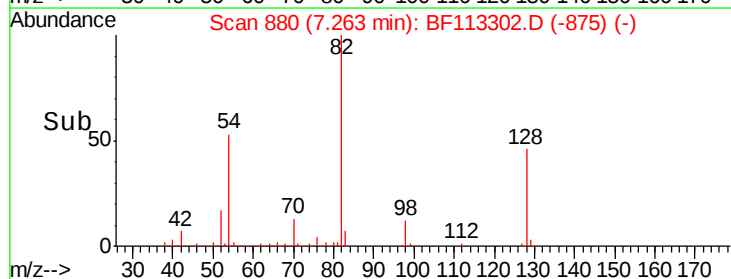
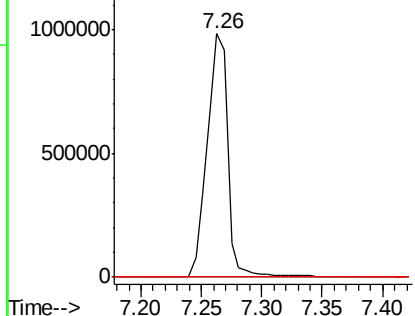


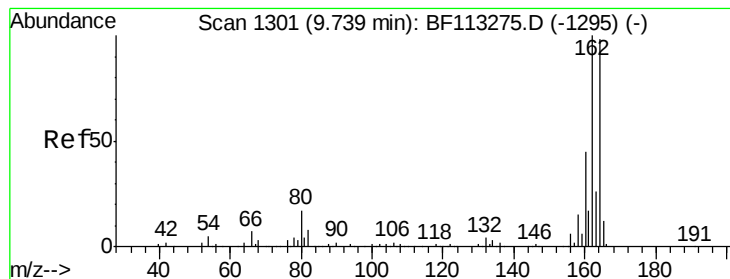
#25
Isophorone
Concen: 53.992 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

Tgt Ion: 82 Resp: 1140997
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113302.D

Acq: 26 Mar 2019 20:25

Instrument :

BNA_F

ClientSampleId :

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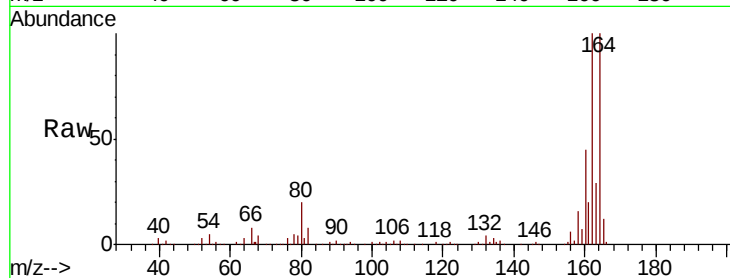
Tgt Ion:164 Resp: 309540

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

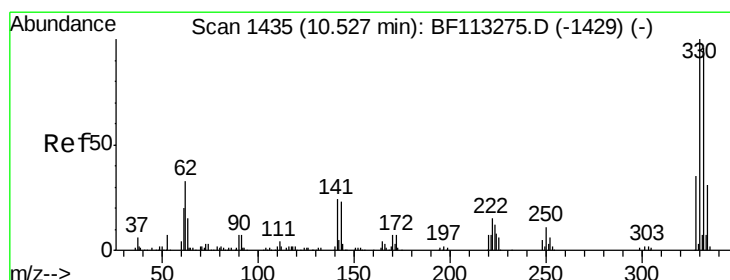
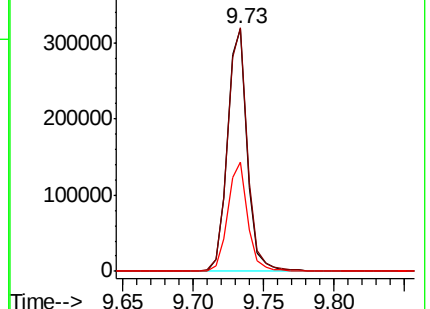
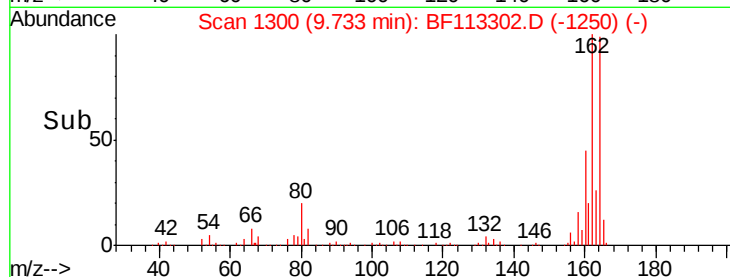
160 45.2 36.4 54.6



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: 100.900 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113302.D

Acq: 26 Mar 2019 20:25

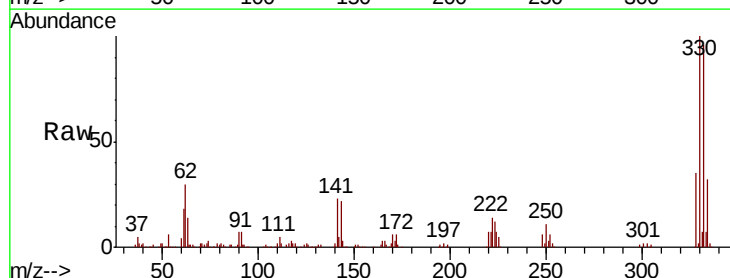
Tgt Ion:330 Resp: 385794

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

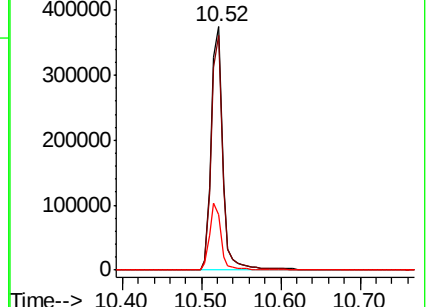
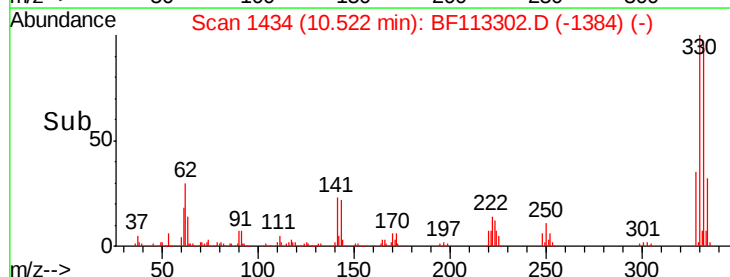
141 27.6 22.7 34.1

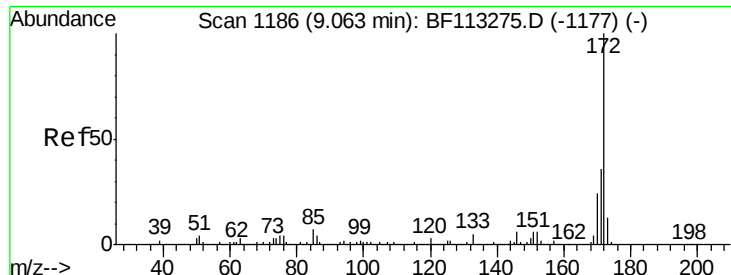


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

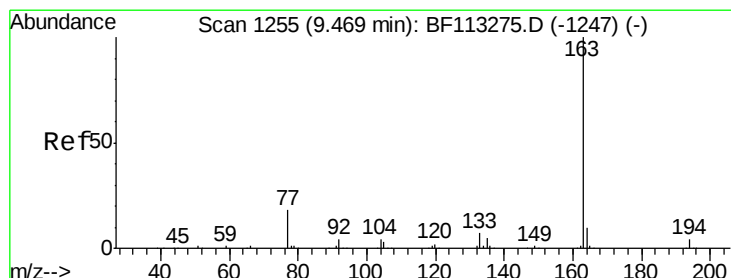
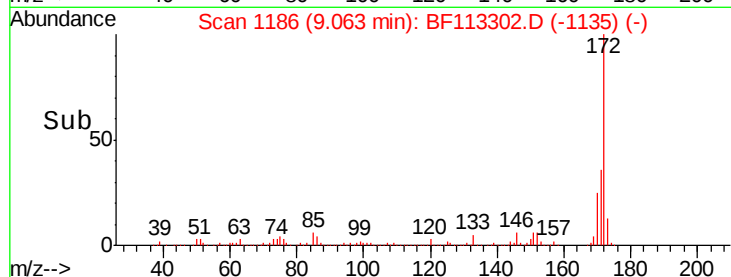
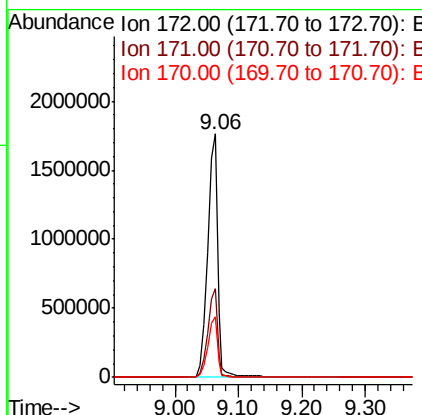
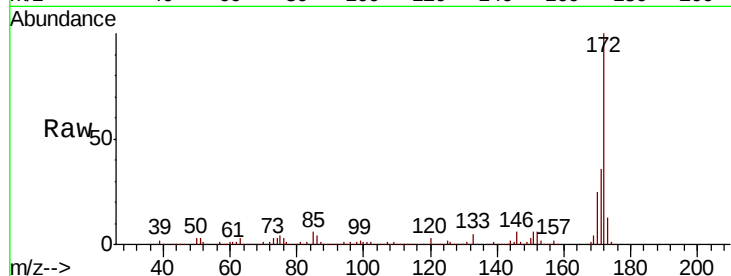




#45
 2-Fluorobiphenyl
 Concen: 101.135 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

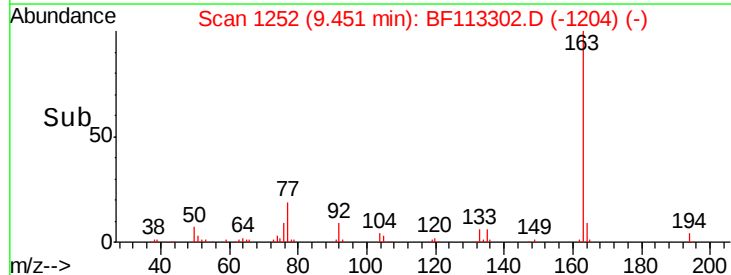
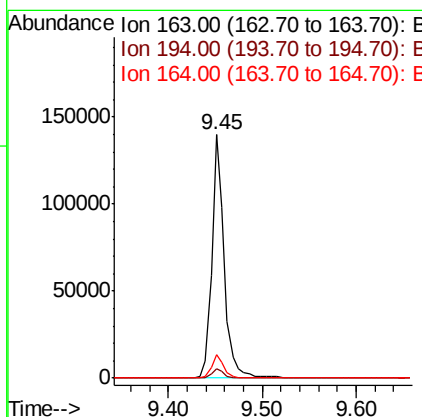
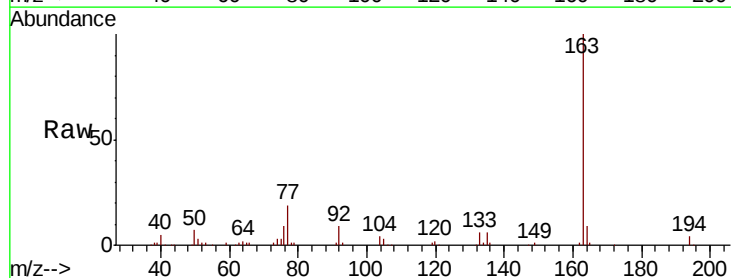
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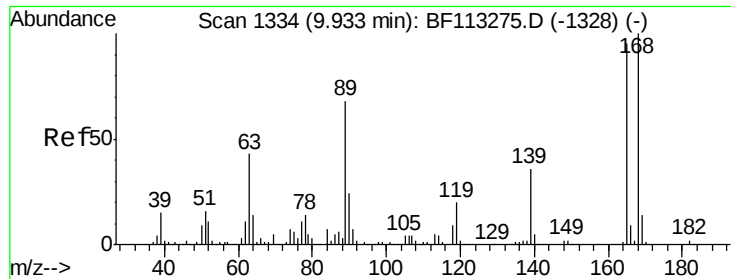
Tgt Ion:172 Resp: 1931212
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.7 19.5 29.3



#50
 Dimethylphthalate
 Concen: 5.726 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Tgt Ion:163 Resp: 131356
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 9.4 8.1 12.1

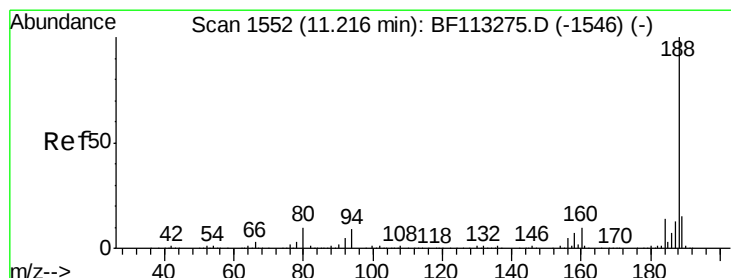
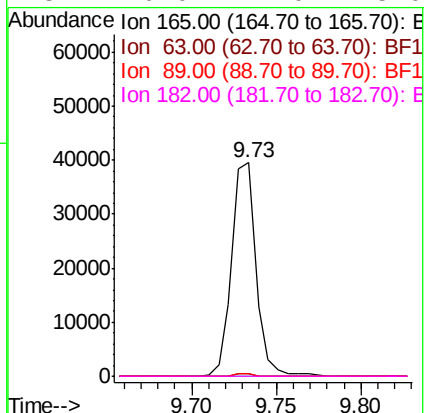
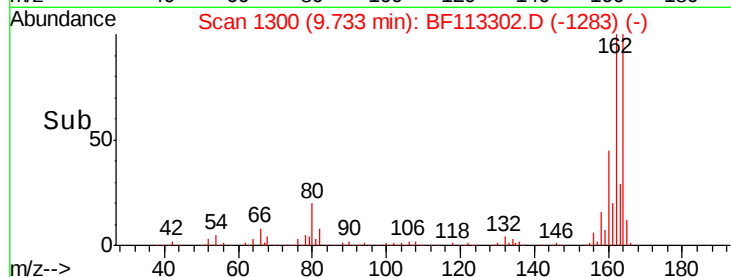
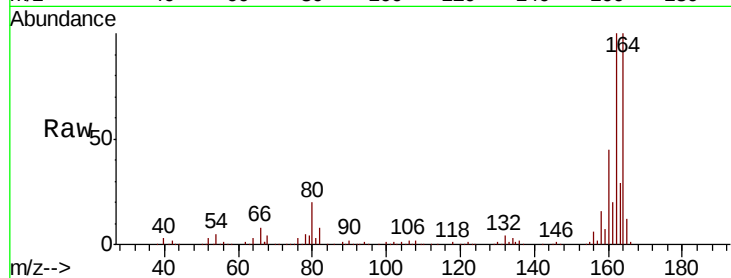




#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

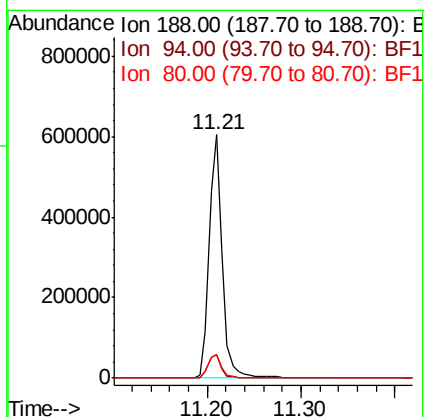
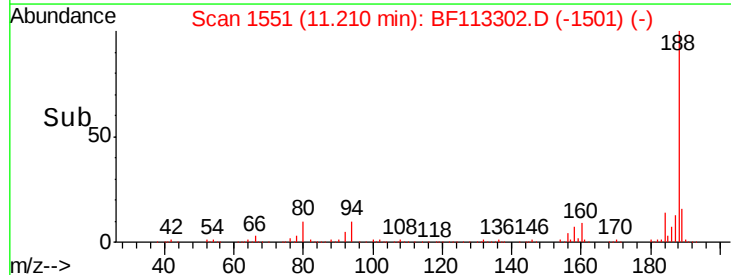
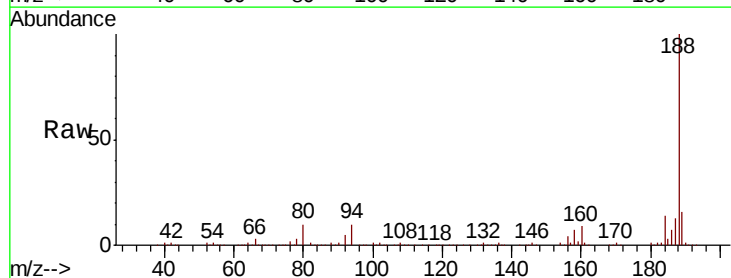
Instrument :
BNA_F
ClientSampleId :
S4C(6-18)COMP

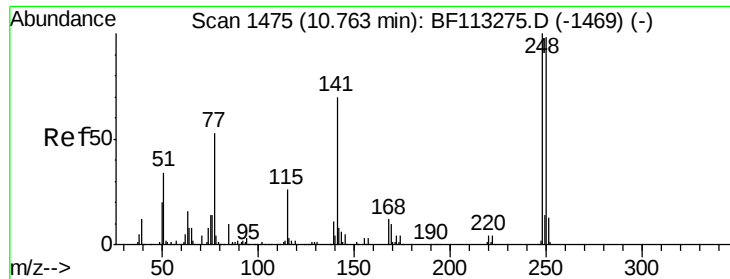
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.1	57.4	86.2#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113302.D
Acq: 26 Mar 2019 20:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	9.6	7.7	11.5

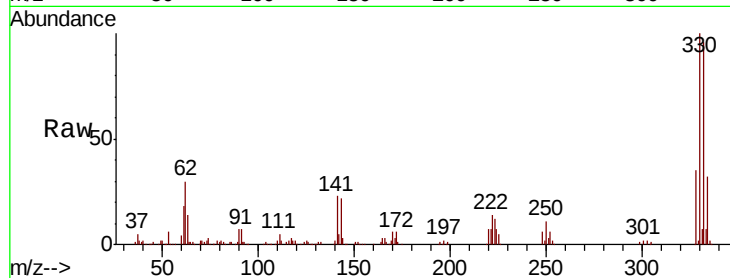




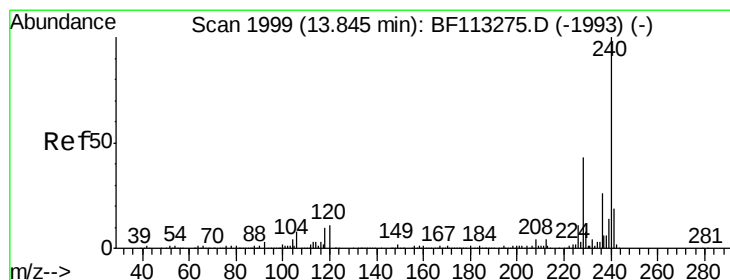
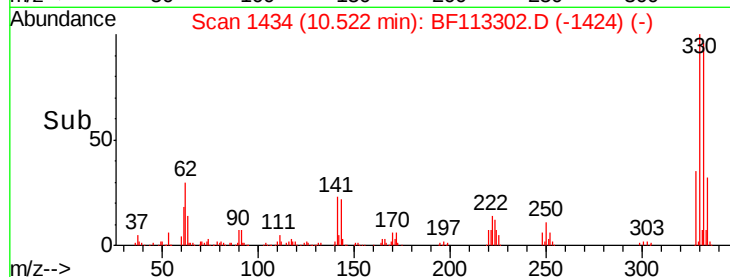
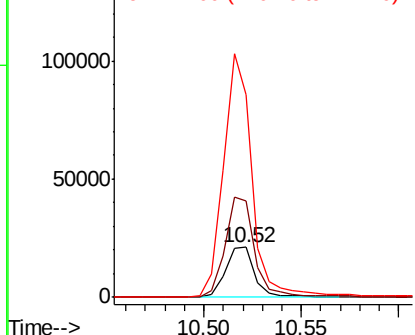
#67
 4-Bromophenyl-phenylether
 Concen: 3.371 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :
 S4C(6-18)COMP

Tgt Ion:248 Resp: 21873
 Ion Ratio Lower Upper
 248 100
 250 193.9 78.3 117.5#
 141 407.3 56.2 84.4#

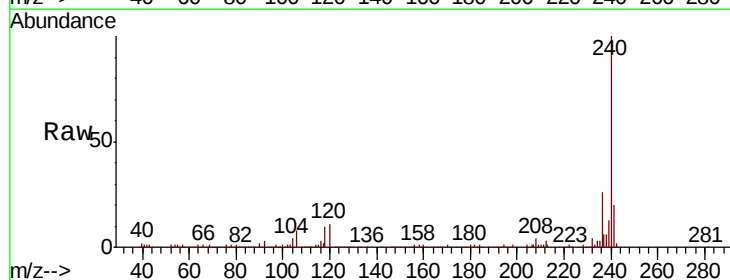


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

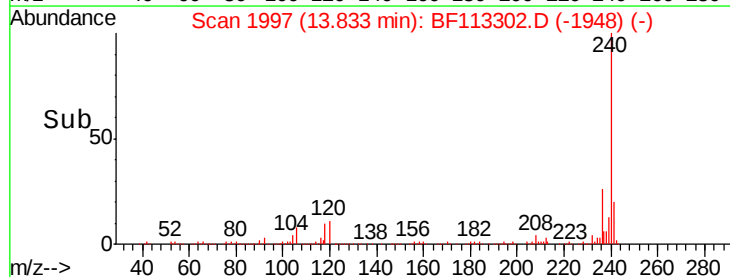
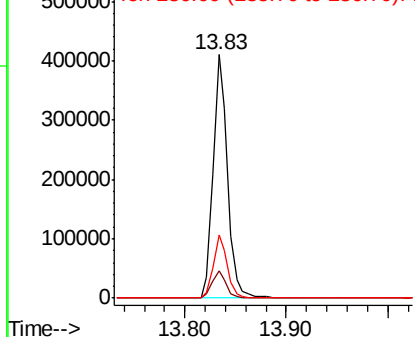


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Tgt Ion:240 Resp: 404496
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.8 13.2
 236 25.8 20.9 31.3



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

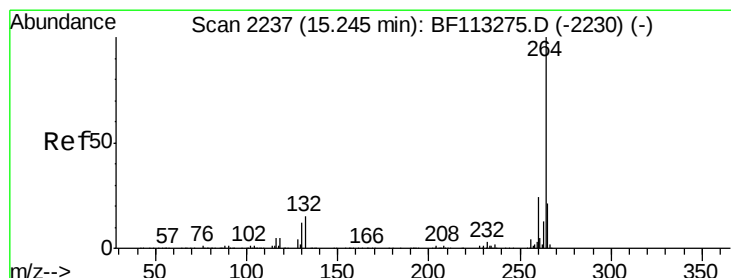
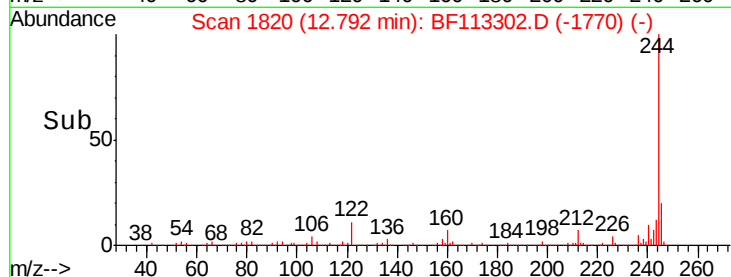
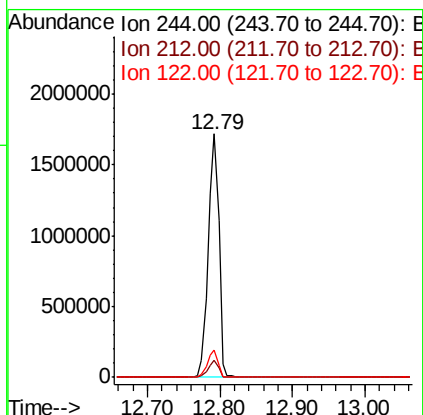
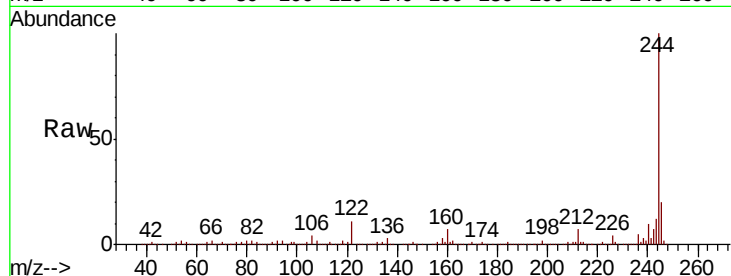




#79
 Terphenyl-d14
 Concen: 95.404 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :
 S4C(6-18)COMP

Tgt Ion:244 Resp: 1750789
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113302.D
 Acq: 26 Mar 2019 20:25

Tgt Ion:264 Resp: 428660
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 17.1 25.7

