

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113441.D
 Acq On : 30 Mar 2019 5:27
 Operator : JU/SJ
 Sample : K2138-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Quant Time: Mar 30 06:20:37 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

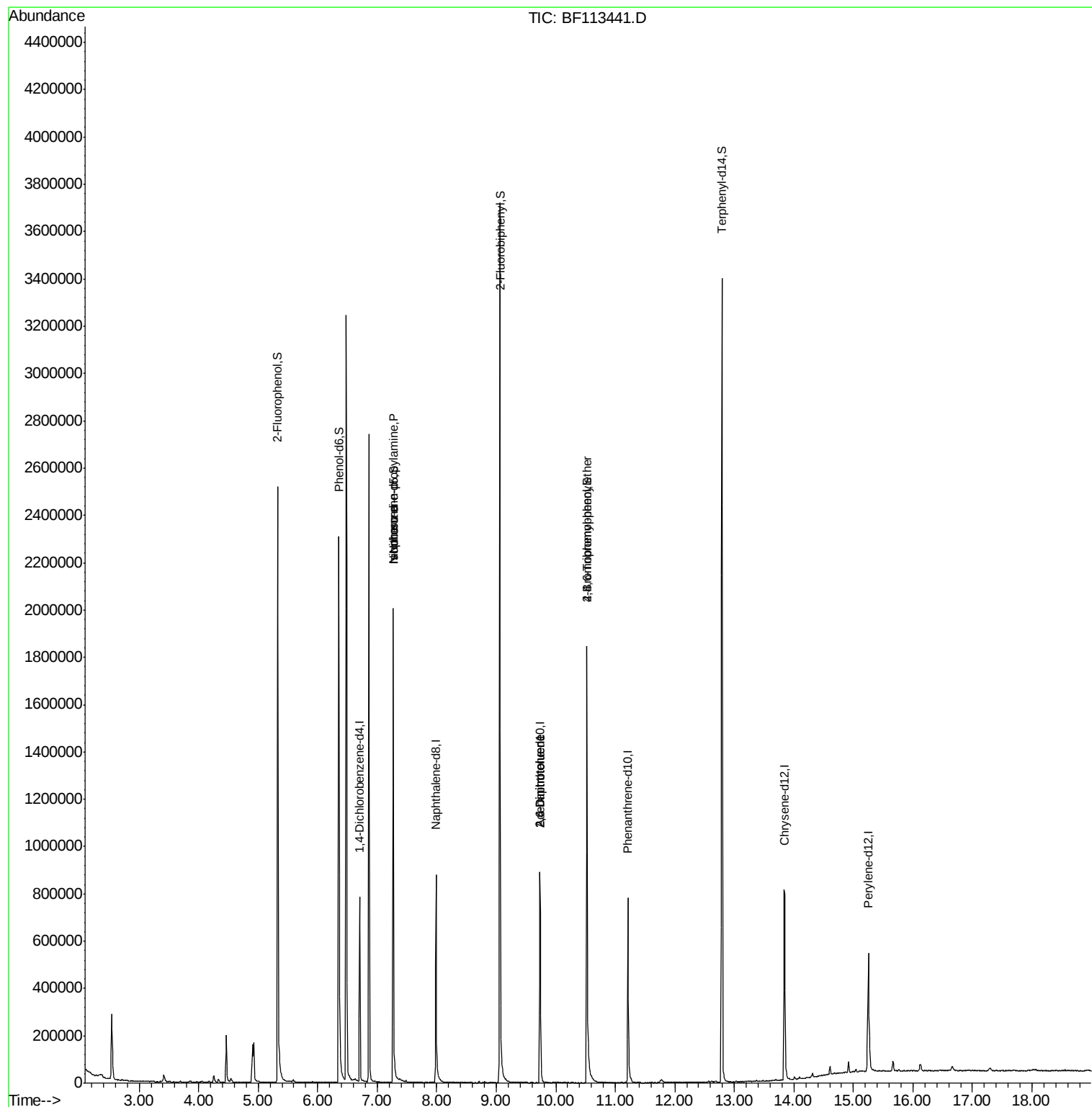
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	123623	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	460046	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	207502	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	364545	20.00	ng	0.00
76) Chrysene-d12	13.84	240	376408	20.00	ng	0.00
87) Perylene-d12	15.25	264	300382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	823771	108.96	ng	0.01
7) Phenol-d6	6.36	99	961534	100.53	ng	0.00
23) Nitrobenzene-d5	7.27	82	679441	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	321035	125.25	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1281424	99.88	ng	0.00
79) Terphenyl-d14	12.79	244	1292891	75.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	87564	14.575	ng	# 77
25) Isophorone	7.27	82	679437	45.233	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	26544	7.651	ng	# 25
57) 2,4-Dinitrotoluene	9.73	165	26544	6.017	ng	# 22
67) 4-Bromophenyl-phenylether	10.52	248	17084	4.300	ng	# 1

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

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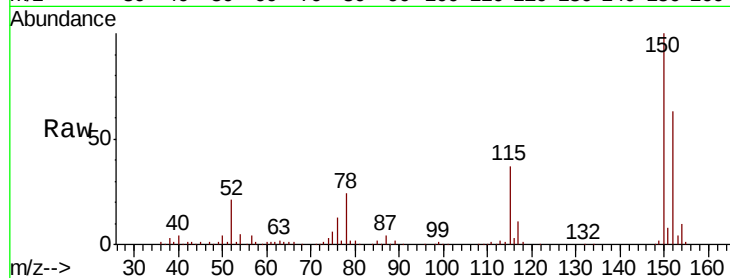


#1

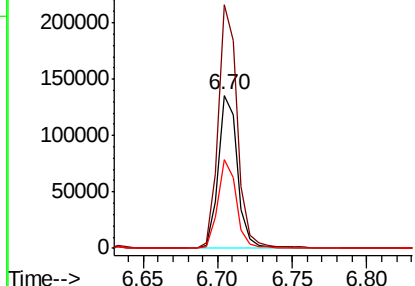
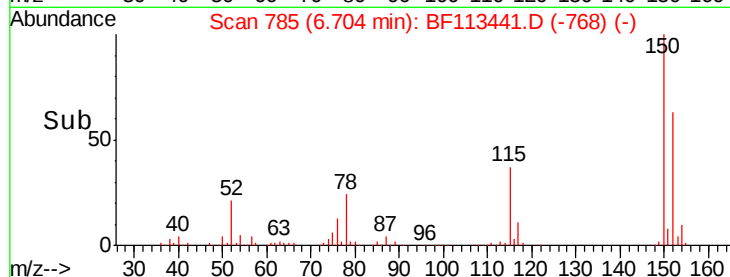
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	58.3	46.0	69.0



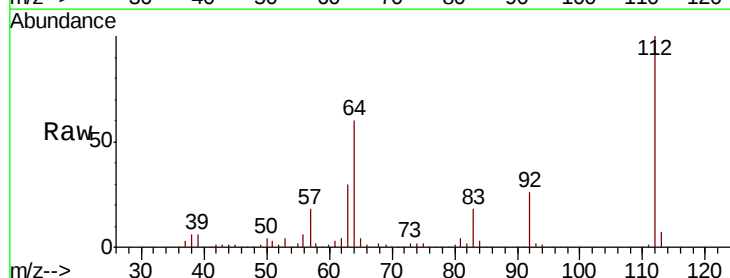
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



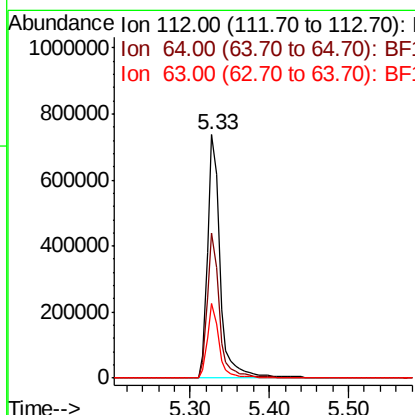
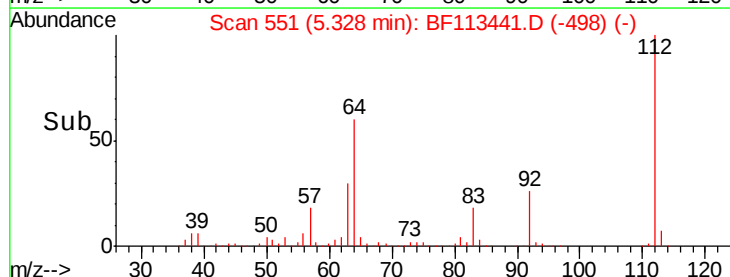
#5

2-Fluorophenol
Concen: 108.957 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	30.4	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: 100.532 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Instrument :

BNA_F

ClientSampleId :

S6A(12-20)COMP

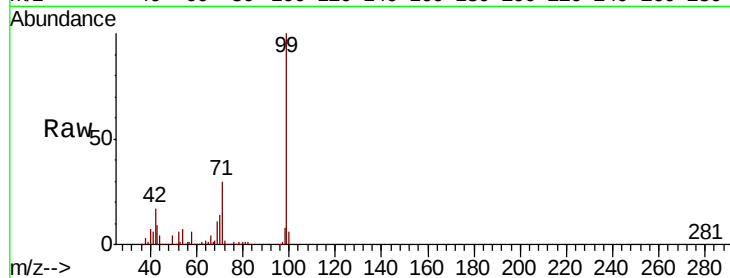
Tgt Ion: 99 Resp: 961534

Ion Ratio Lower Upper

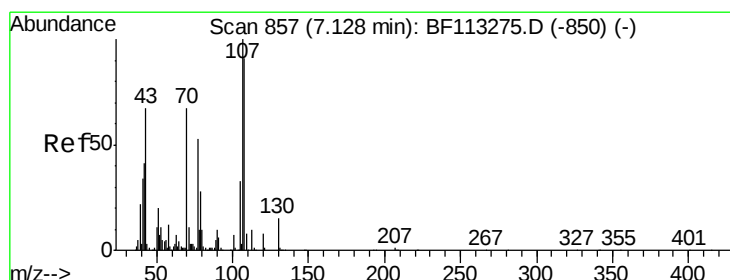
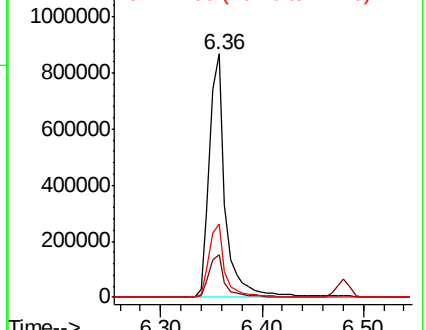
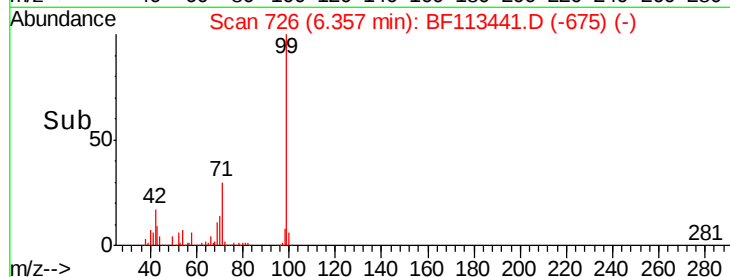
99 100

42 17.4 14.8 22.2

71 29.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.575 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Tgt Ion: 70 Resp: 87564

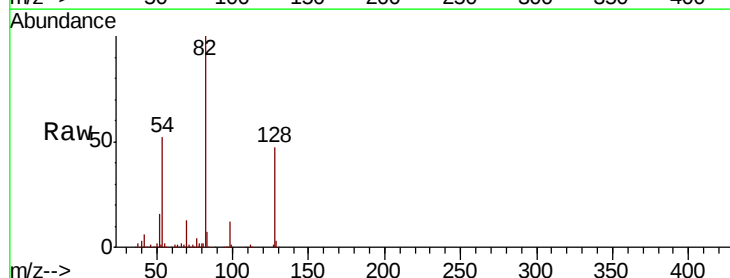
Ion Ratio Lower Upper

70 100

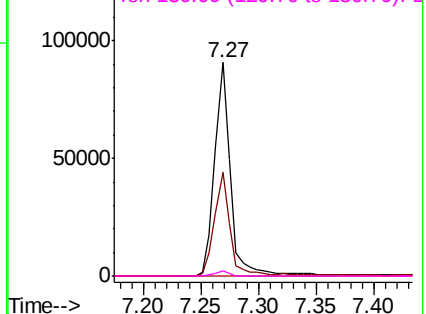
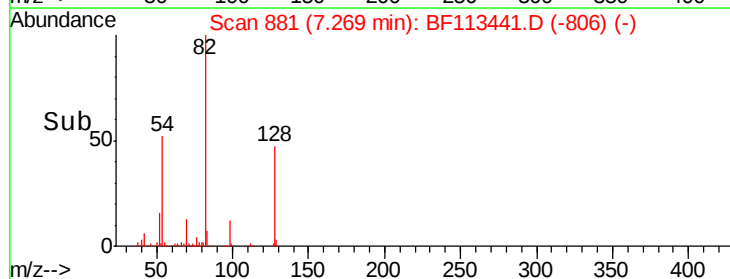
42 48.5 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

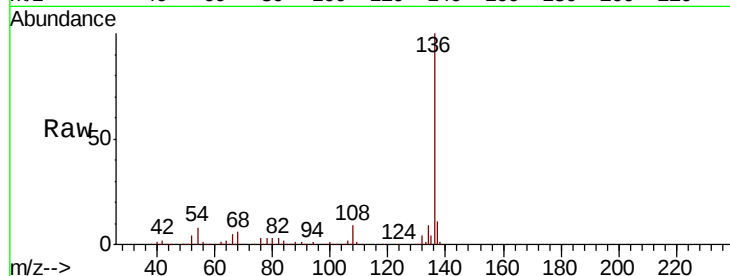




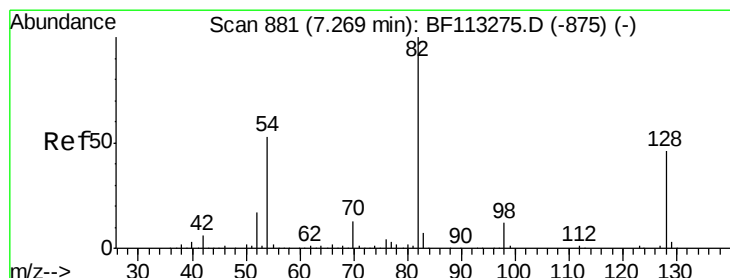
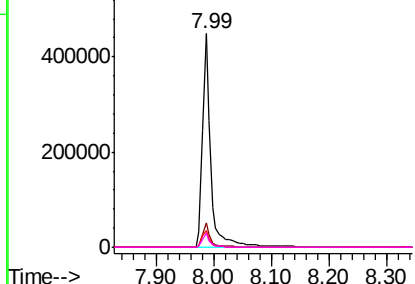
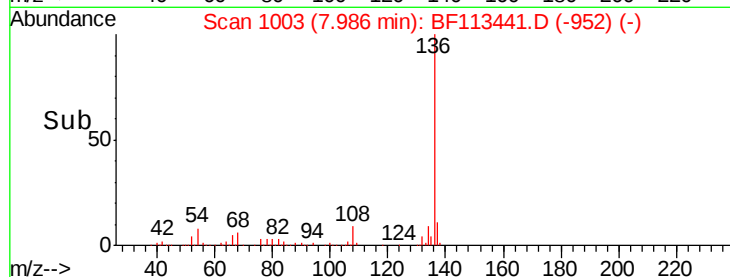
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

Tgt Ion:136 Resp: 460046
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 7.0 10.6
68 6.3 4.8 7.2

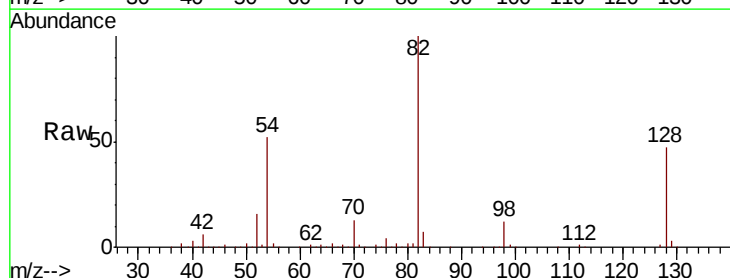


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

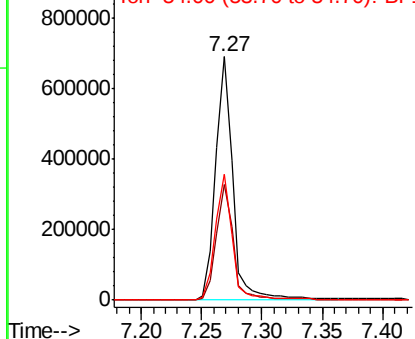
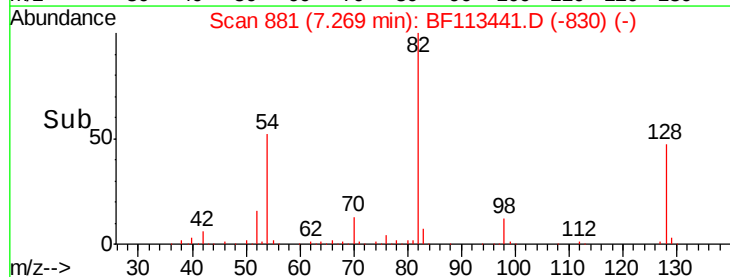


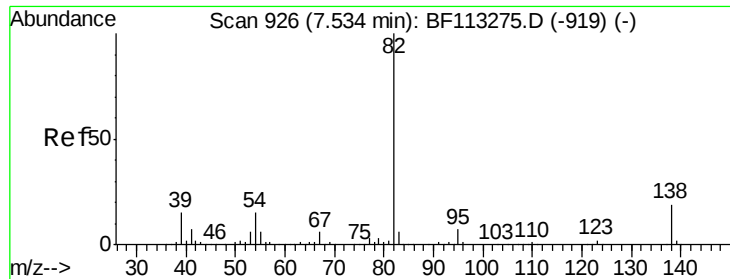
#23
Nitrobenzene-d5
Concen: 87.660 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Tgt Ion: 82 Resp: 679441
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 51.7 42.2 63.2



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





#25

Isophorone

Concen: 45.233 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Instrument :

BNA_F

ClientSampleId :

S6A(12-20)COMP

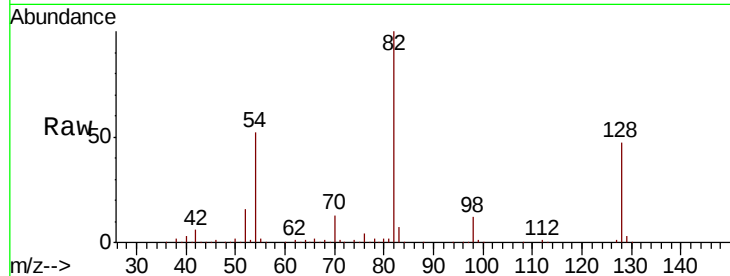
Tgt Ion: 82 Resp: 679437

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

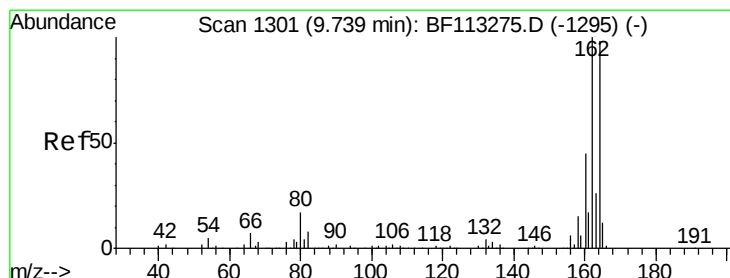
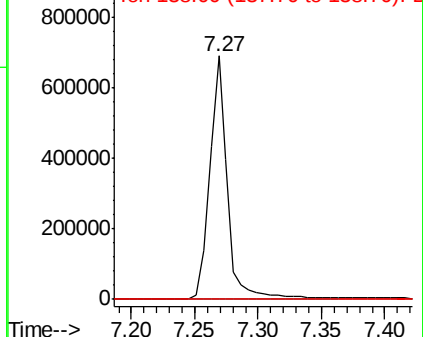
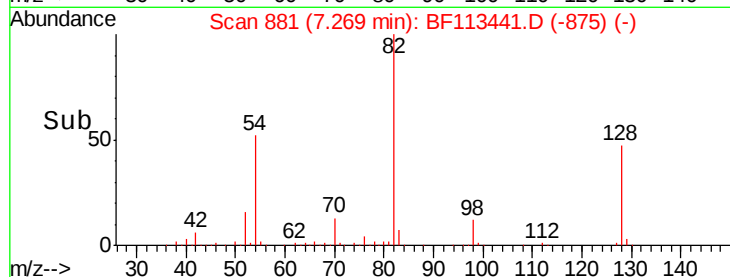
138 0.0 15.2 22.8#



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: BF113441.D

Acq: 30 Mar 2019 5:27

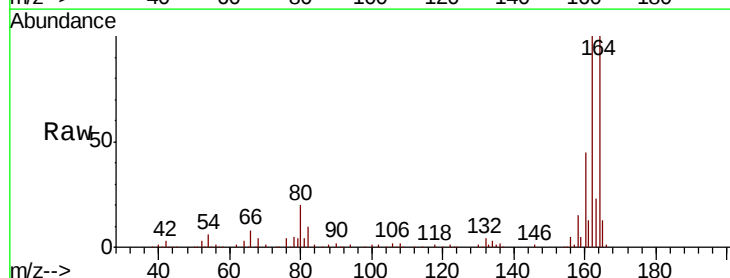
Tgt Ion: 164 Resp: 207502

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

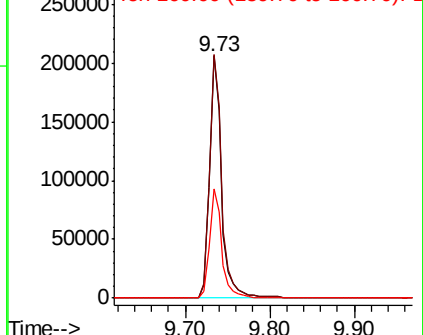
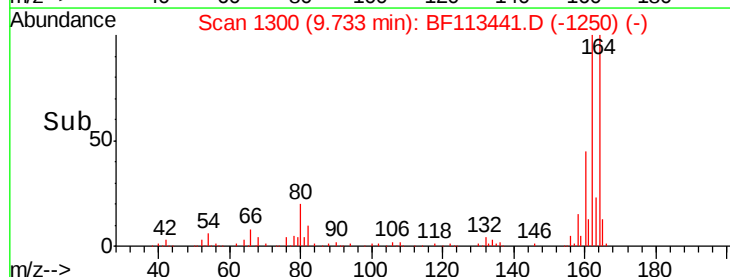
160 44.9 36.4 54.6

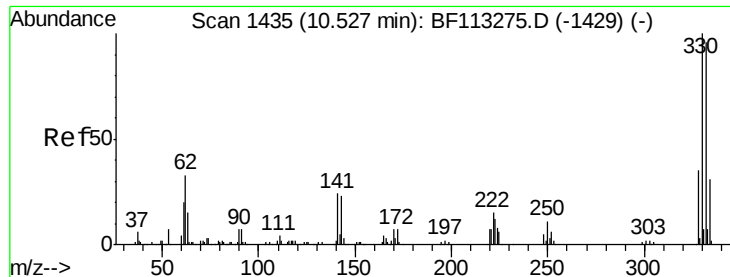


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 125.251 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Instrument :

BNA_F

ClientSampleId :

S6A(12-20)COMP

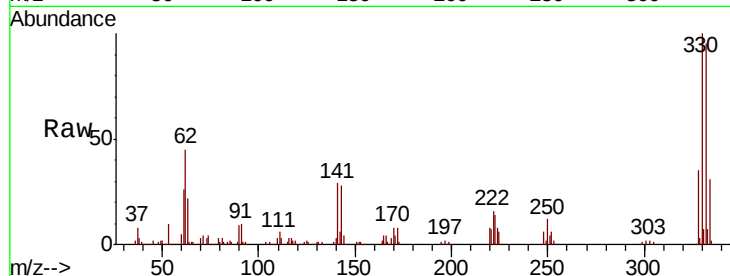
Tgt Ion:330 Resp: 321035

Ion Ratio Lower Upper

330 100

332 94.4 77.8 116.6

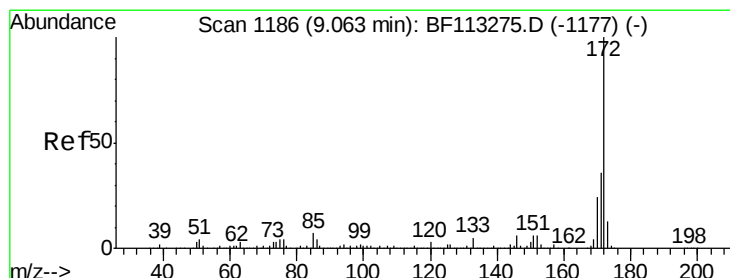
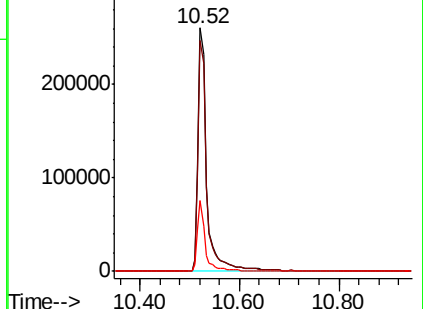
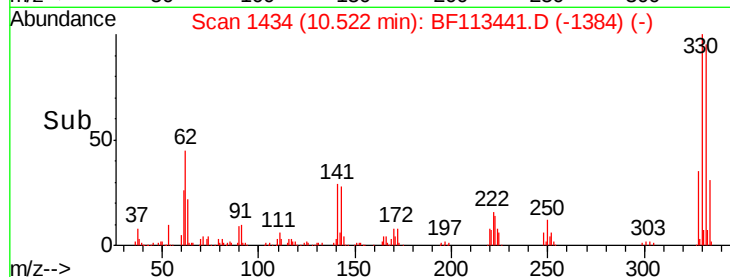
141 26.5 22.7 34.1



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: 99.879 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

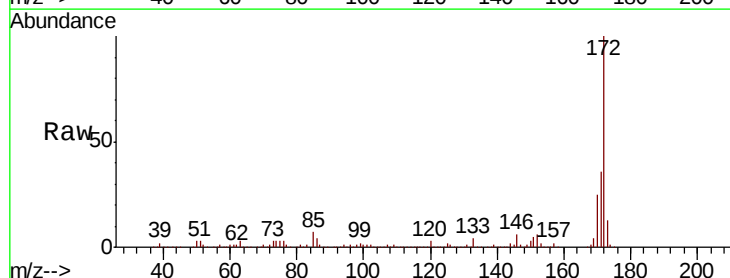
Tgt Ion:172 Resp: 1281424

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

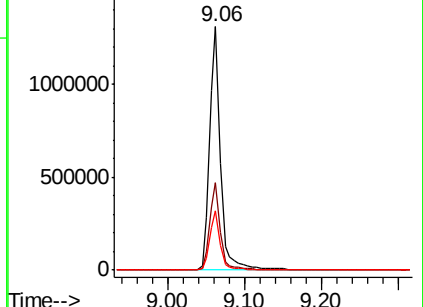
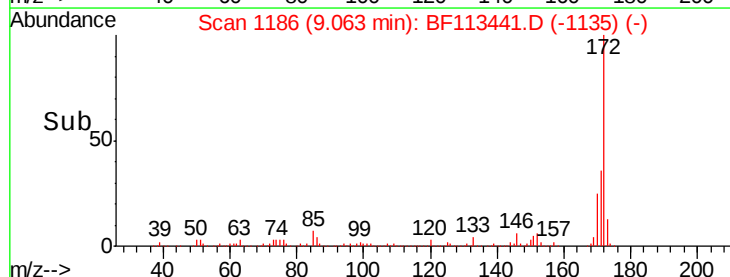
170 24.6 19.5 29.3

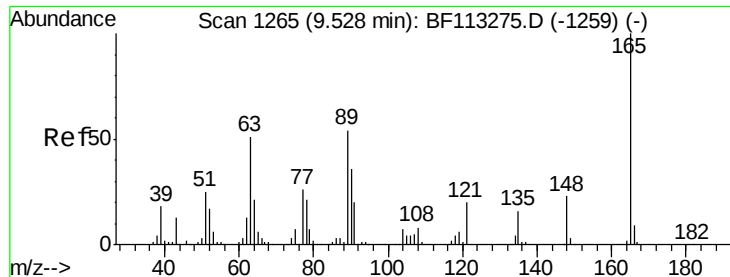


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

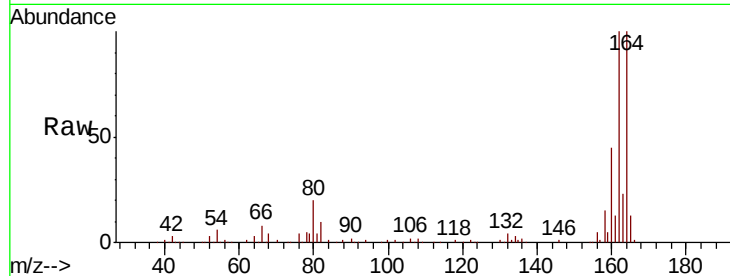




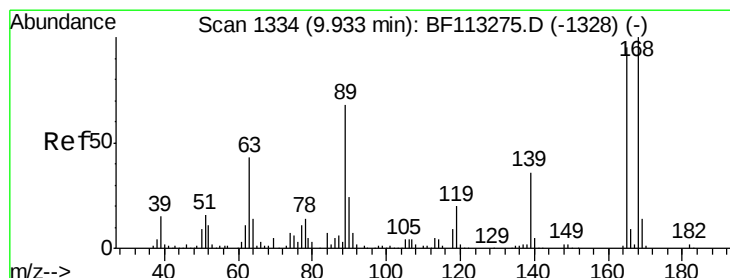
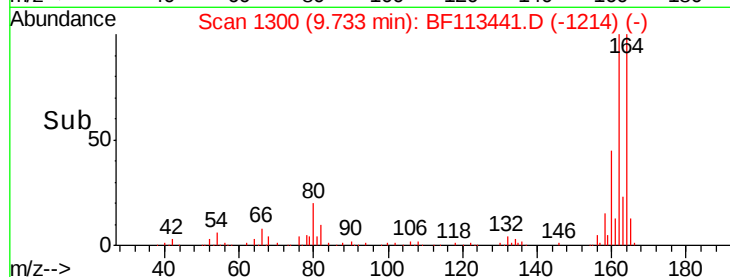
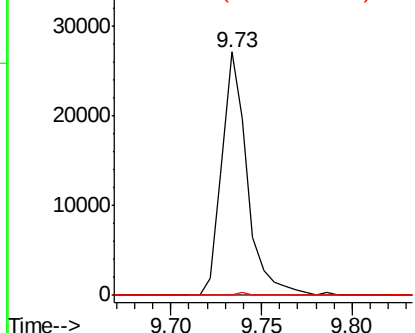
#51
 2,6-Dinitrotoluene
 Concen: 7.651 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Instrument :
 BNA_F
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 S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	0.0	43.1	64.7#

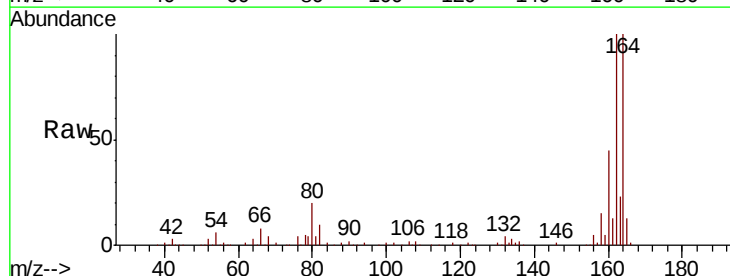


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

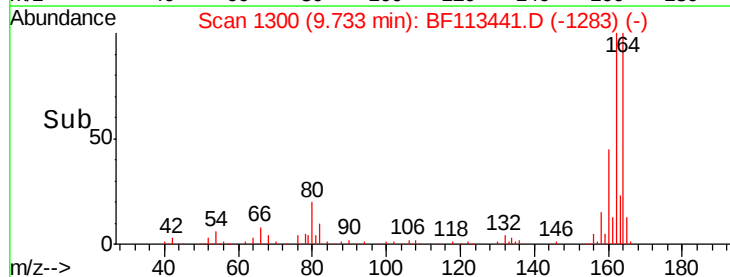
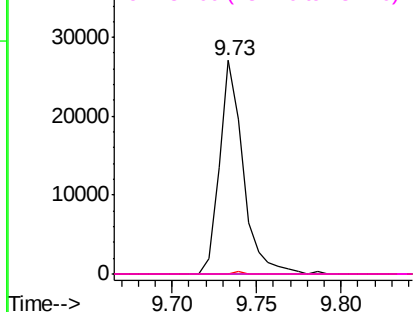


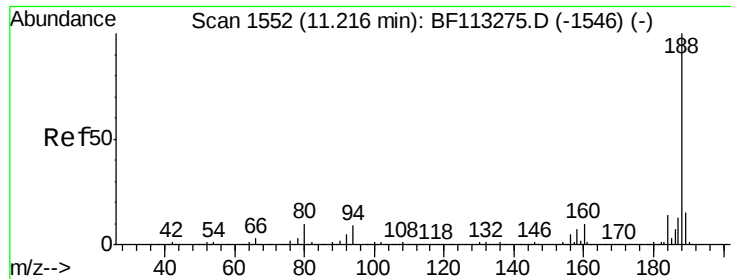
#57
 2,4-Dinitrotoluene
 Concen: 6.017 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

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



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
 Ion 182.00 (181.70 to 182.70): E

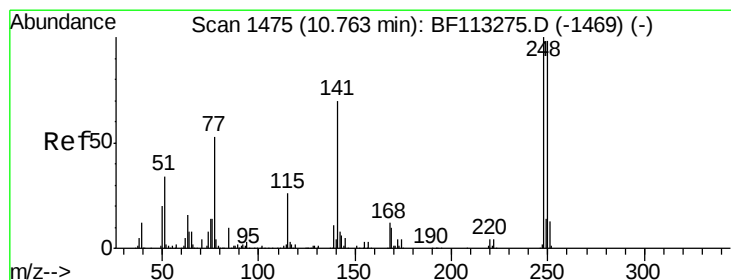
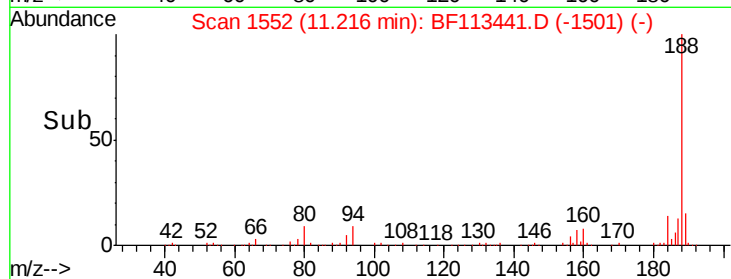
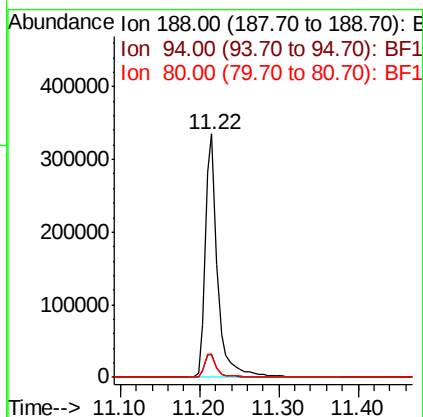
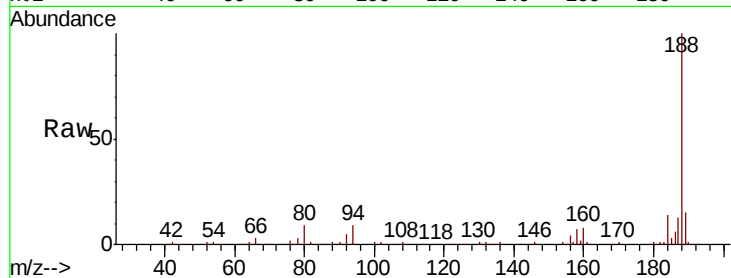




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

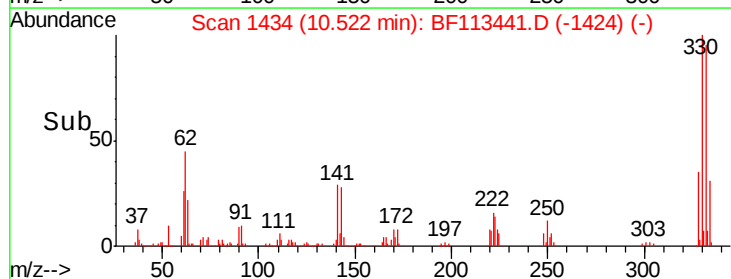
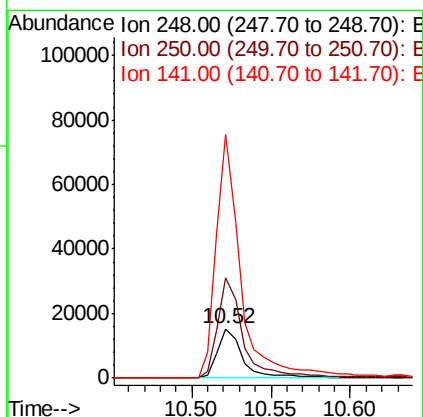
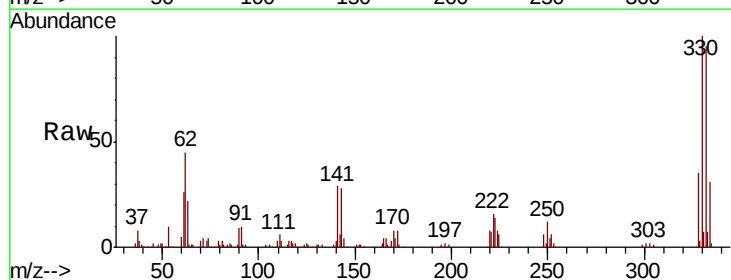
Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

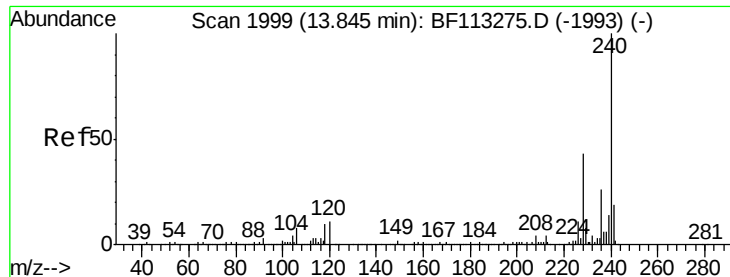
Tgt Ion:188 Resp: 364545
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.300 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Tgt Ion:248 Resp: 17084
Ion Ratio Lower Upper
248 100
250 204.8 78.3 117.5#
141 495.7 56.2 84.4#

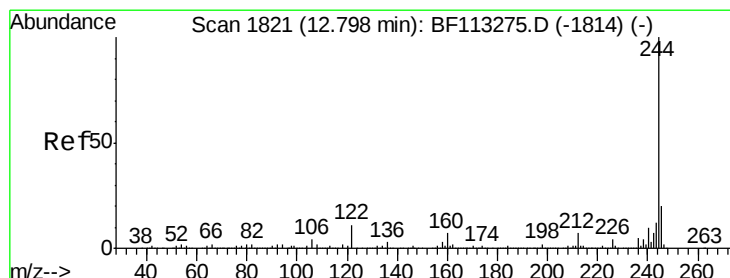
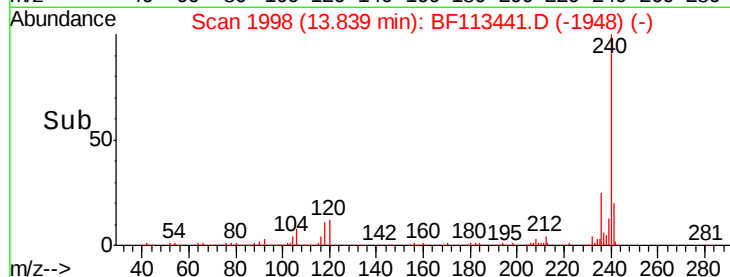
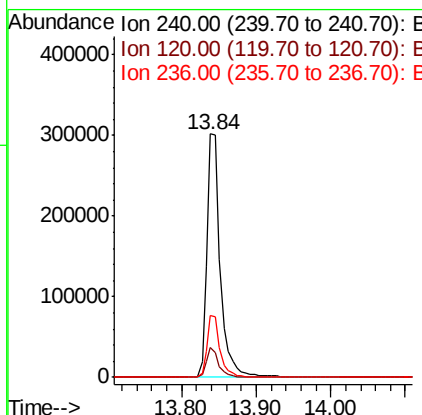
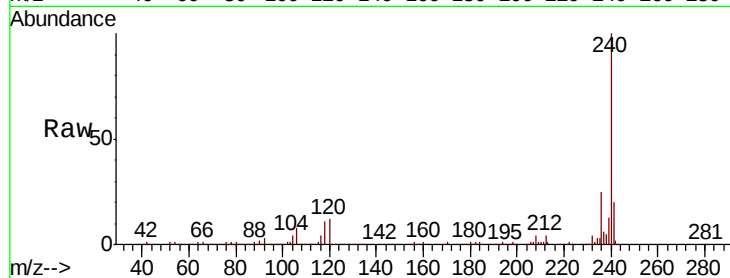




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

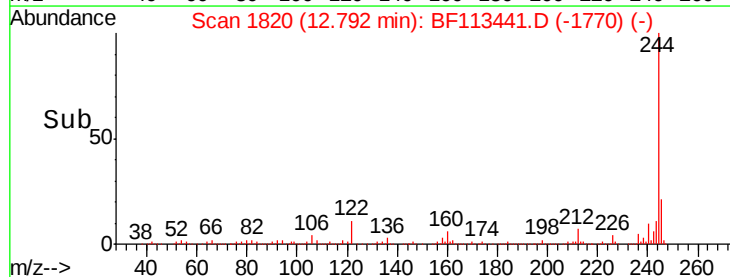
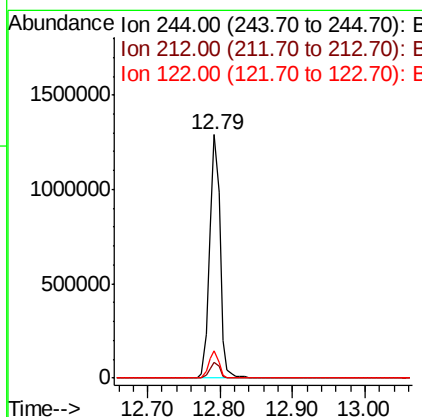
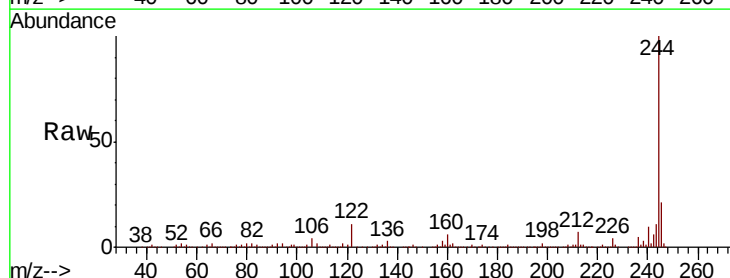
Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

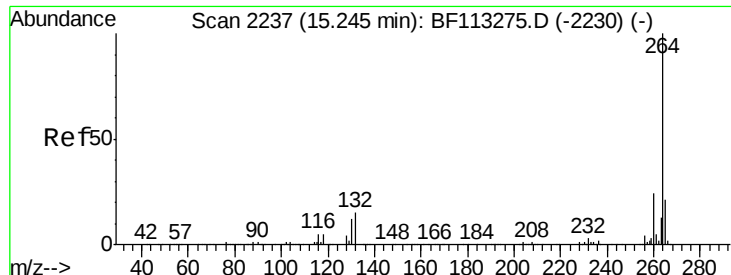
Tgt Ion:240 Resp: 376408
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 75.709 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Tgt Ion:244 Resp: 1292891
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.4 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

Tgt Ion: 264 Resp: 300382
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 22.1 17.1 25.7

