

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113324.D
 Acq On : 27 Mar 2019 12:04
 Operator : JU/SJ
 Sample : K1933-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Mar 28 01:03:50 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

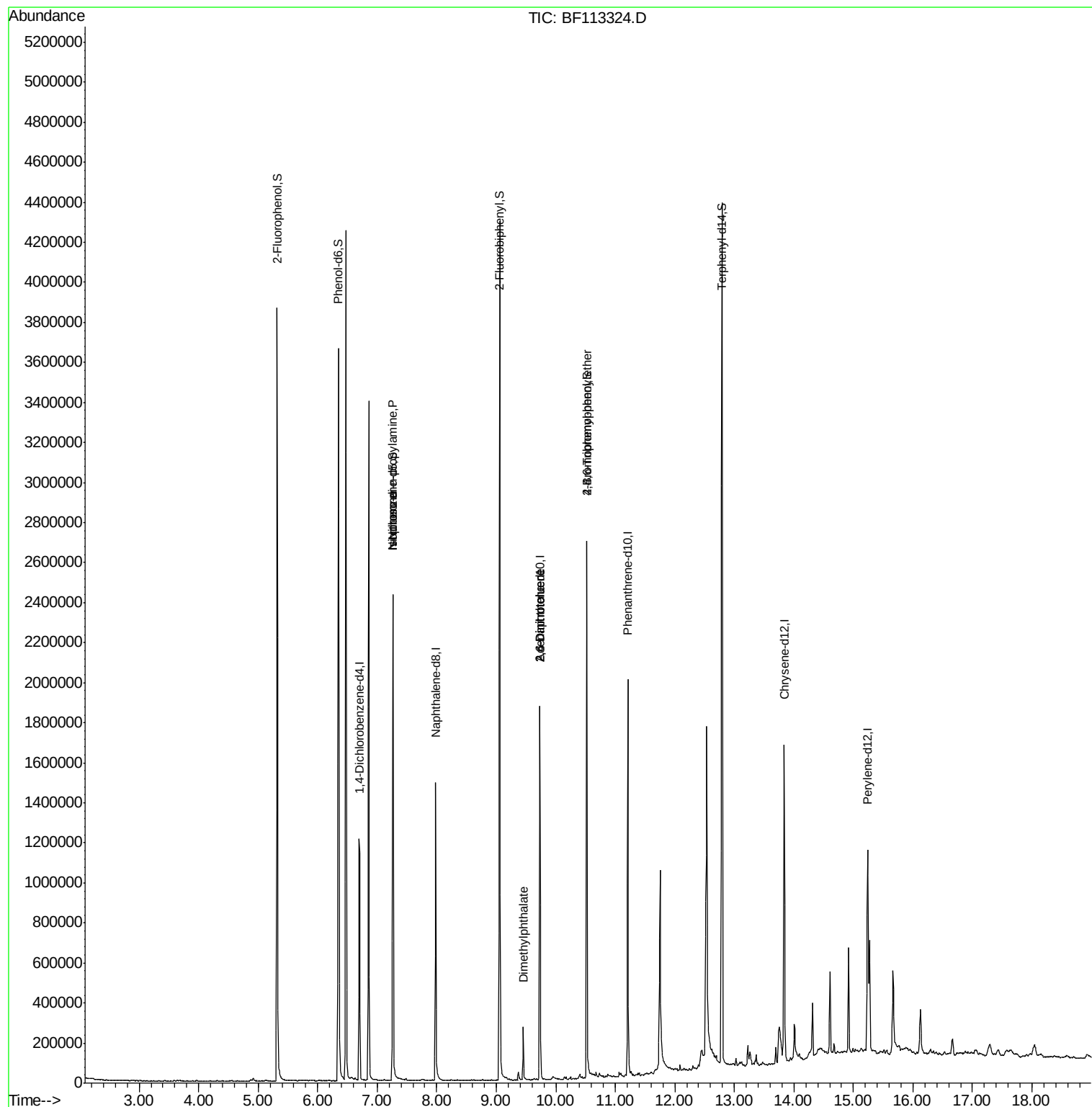
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200361	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	760188	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	373688	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	765180	20.00	ng	0.00
76) Chrysene-d12	13.84	240	574373	20.00	ng	0.00
87) Perylene-d12	15.24	264	504701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1197085	97.69	ng	0.00
7) Phenol-d6	6.35	99	1599543	103.19	ng	0.00
23) Nitrobenzene-d5	7.26	82	969480	75.70	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	391366	84.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1587262	61.75	ng	0.00
79) Terphenyl-d14	12.79	244	1712844	65.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	123811	12.715	ng	# 79
25) Isophorone	7.26	82	956211	38.525	ng	# 64
50) Dimethylphthalate	9.45	163	109907	3.969	ng	100
51) 2,6-Dinitrotoluene	9.73	165	47130	7.544	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	47130	5.932	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22284	2.672	ng	# 1

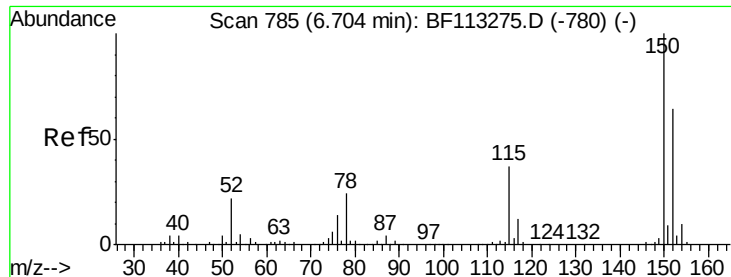
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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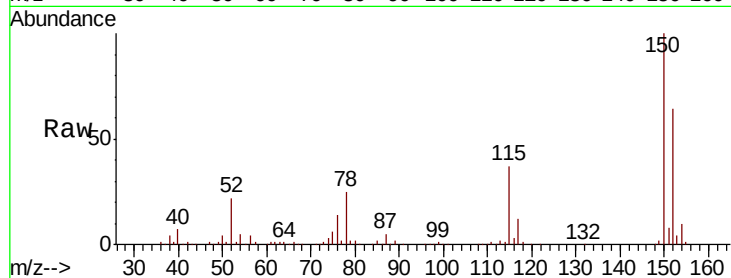


#1

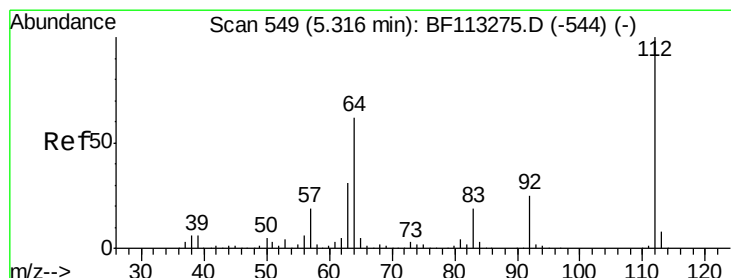
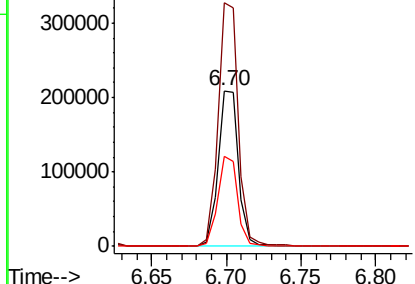
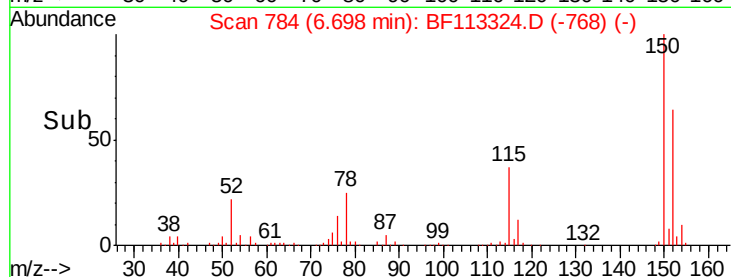
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 200361
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 58.1 46.0 69.0



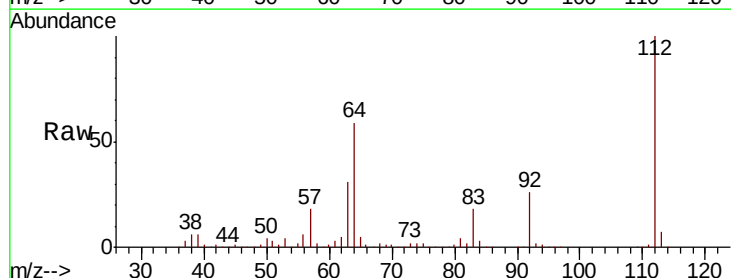
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



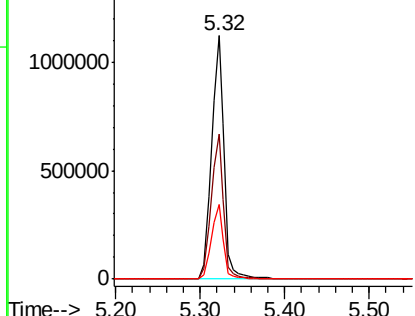
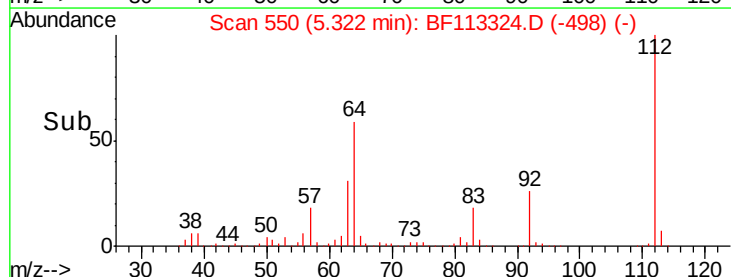
#5

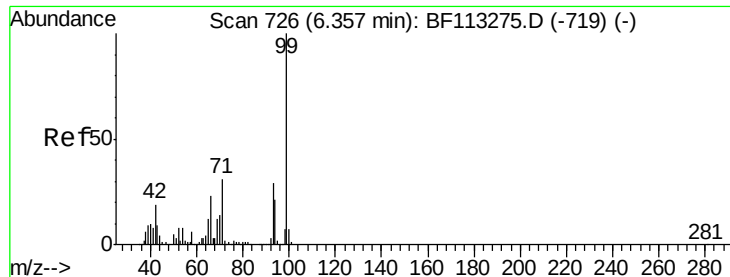
2-Fluorophenol
Concen: 97.693 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Tgt Ion:112 Resp: 1197085
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 30.6 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: 103.187 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

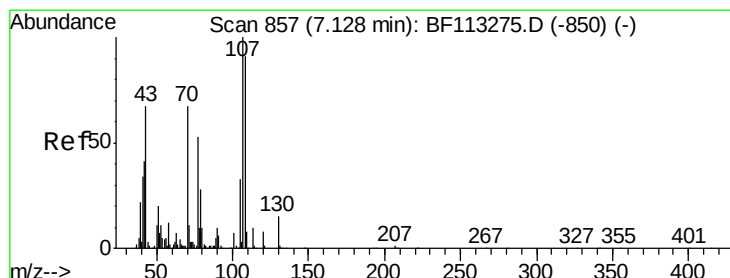
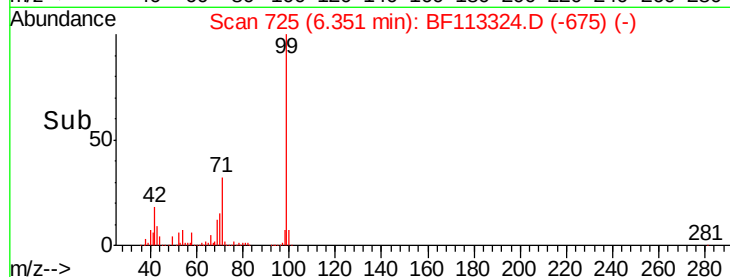
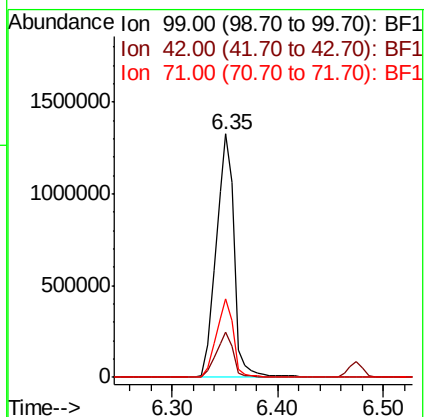
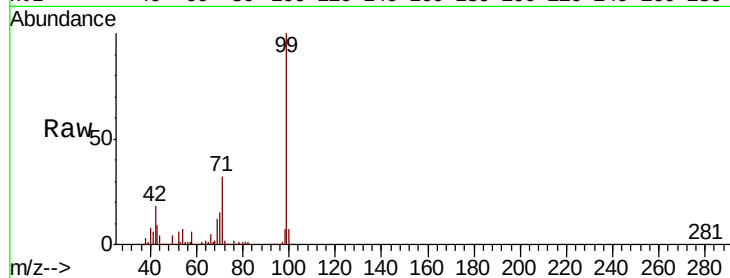
Tgt Ion: 99 Resp: 1599543

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

71 32.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.715 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Tgt Ion: 70 Resp: 123811

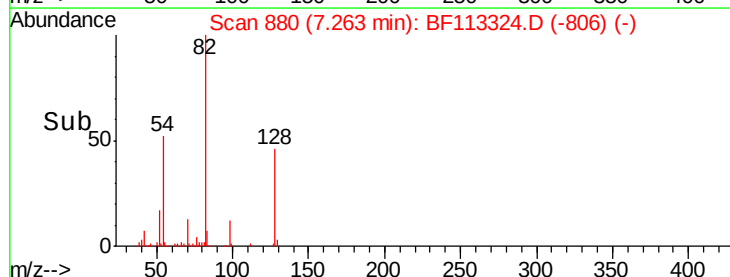
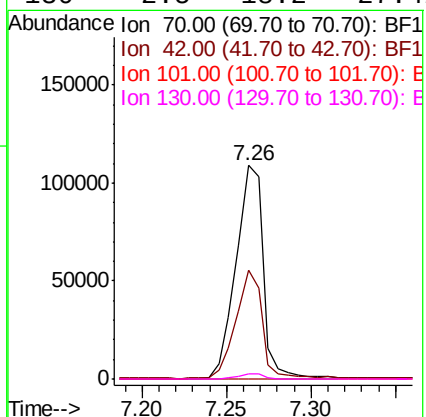
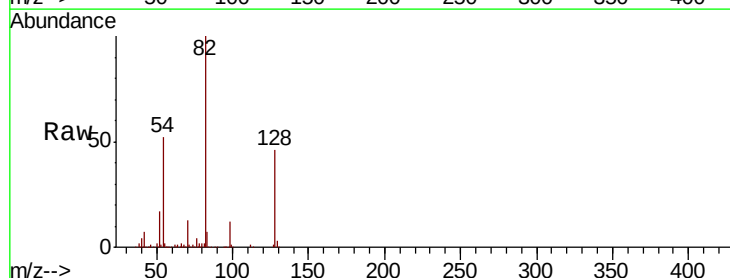
Ion Ratio Lower Upper

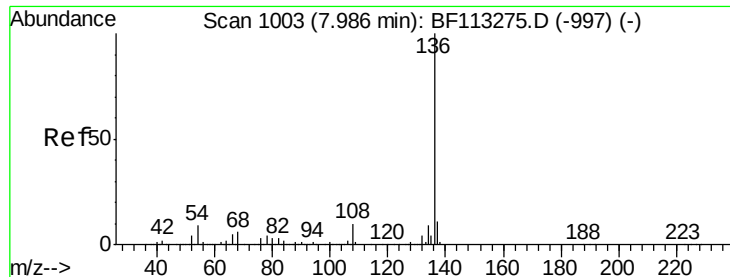
70 100

42 50.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

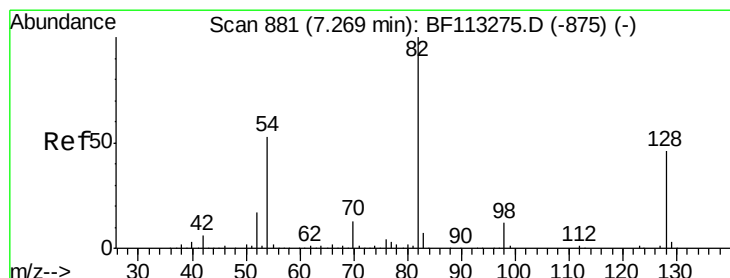
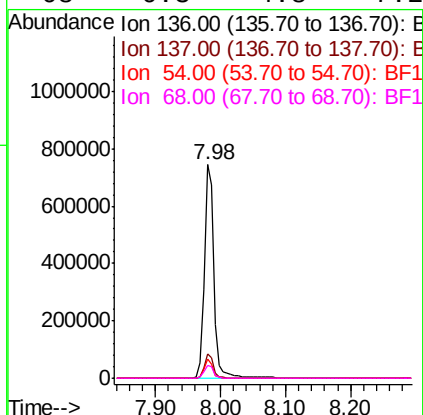
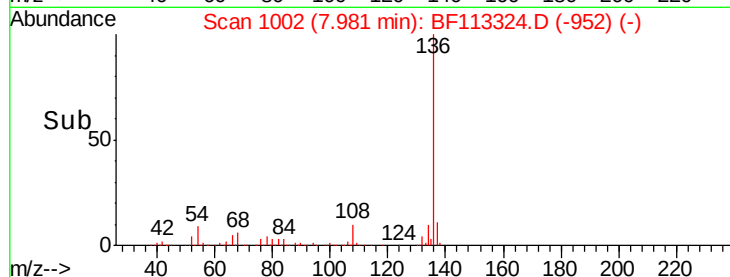
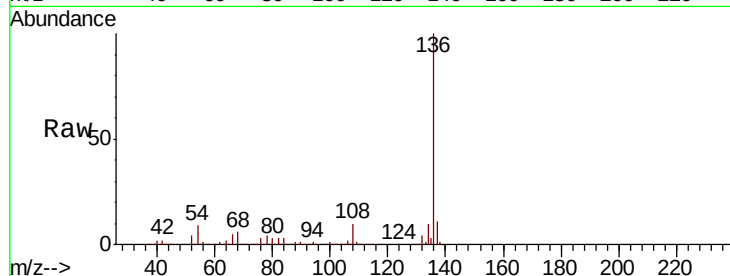




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

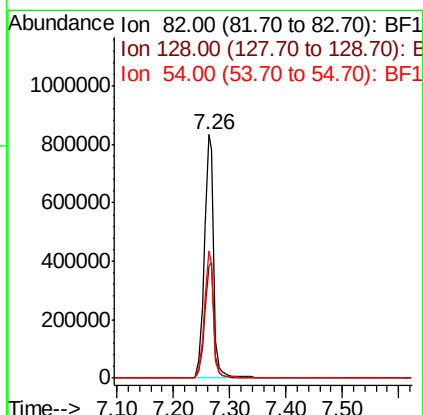
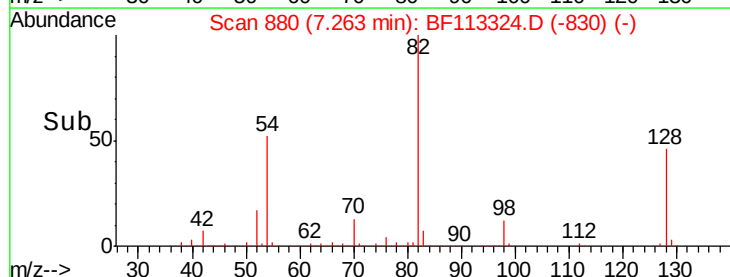
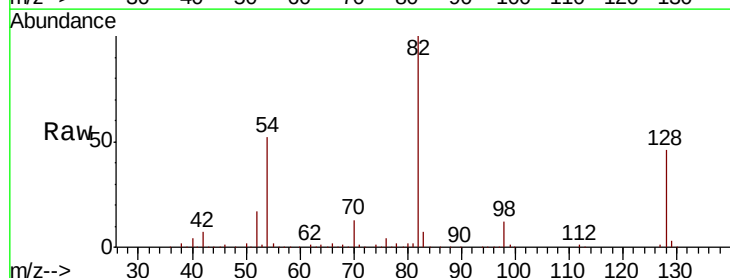
Instrument :
BNA_F
ClientSampled :
S-1

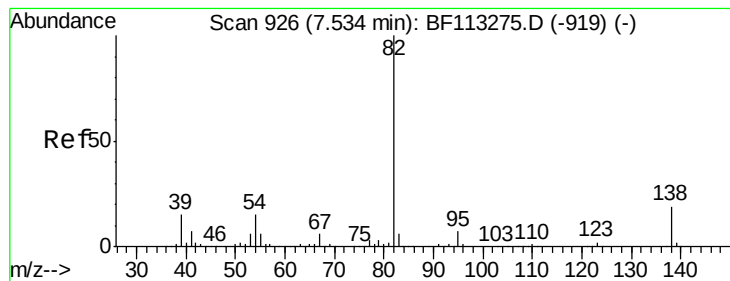
Tgt Ion:	136	Resp:	760188
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	7.0	10.6
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.695 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Tgt Ion:	82	Resp:	969480
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	52.3	42.2	63.2





#25

Isophorone

Concen: 38.525 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

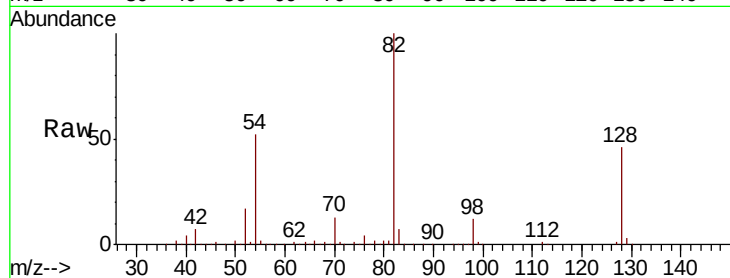
Tgt Ion: 82 Resp: 956211

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

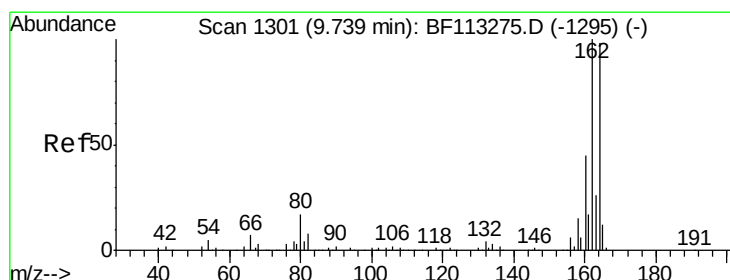
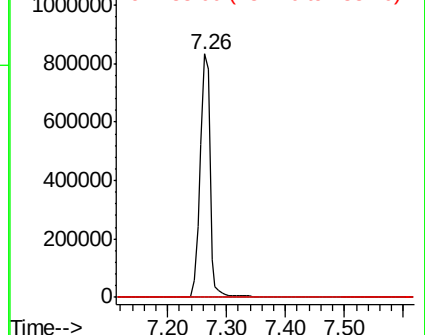
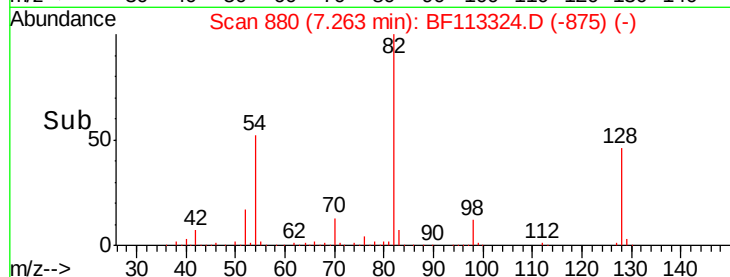
138 0.0 15.2 22.8#



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: BF113324.D

Acq: 27 Mar 2019 12:04

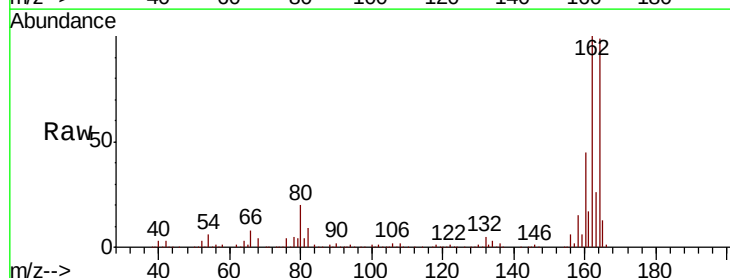
Tgt Ion: 164 Resp: 373688

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

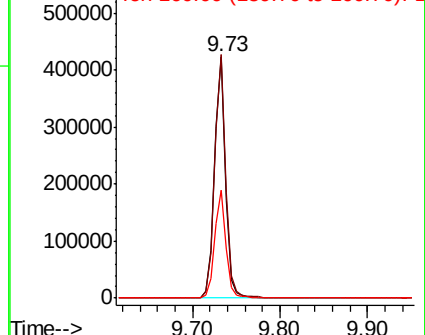
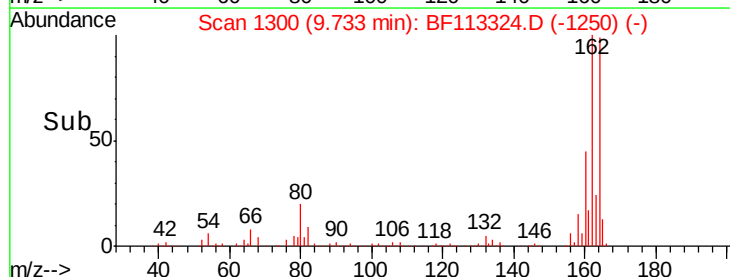
160 44.9 36.4 54.6

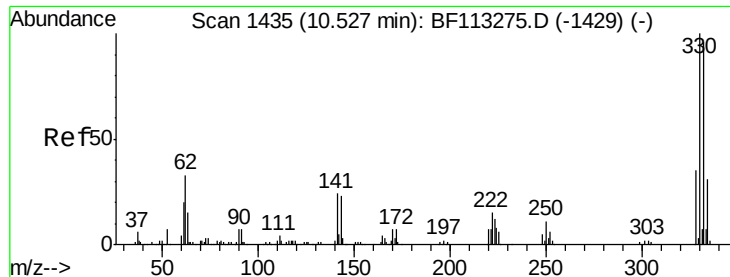


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 84.787 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

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BNA_F

ClientSampled :

S-1

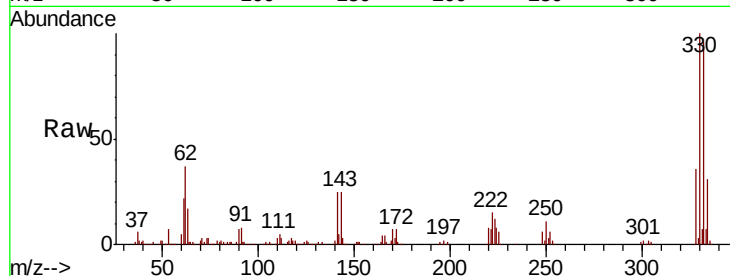
Tgt Ion:330 Resp: 391366

Ion Ratio Lower Upper

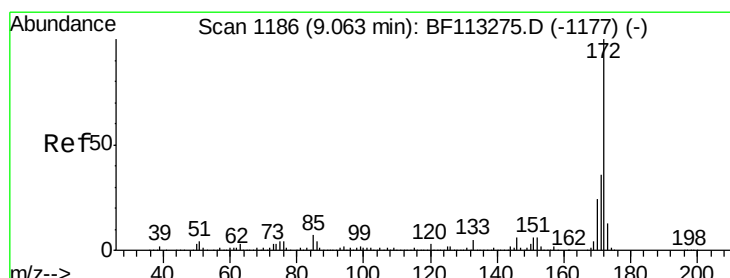
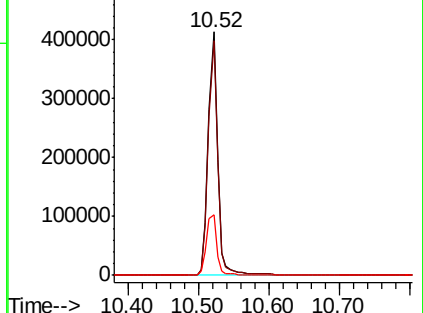
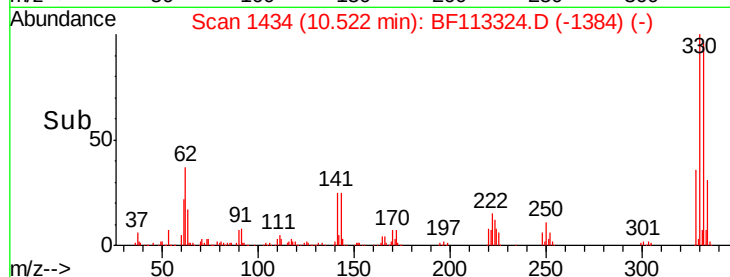
330 100

332 96.0 77.8 116.6

141 27.3 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: 61.750 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

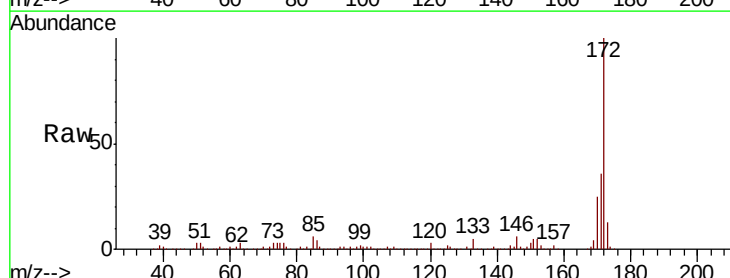
Tgt Ion:172 Resp: 1587262

Ion Ratio Lower Upper

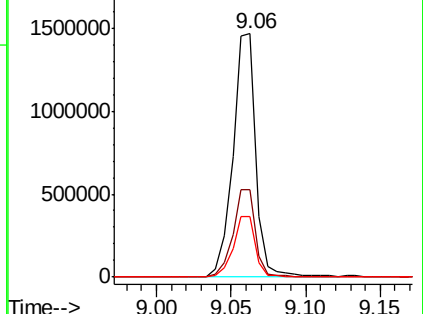
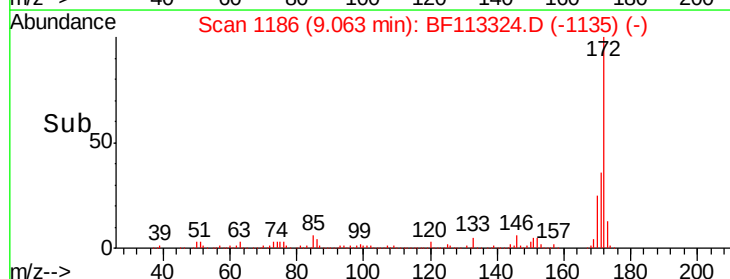
172 100

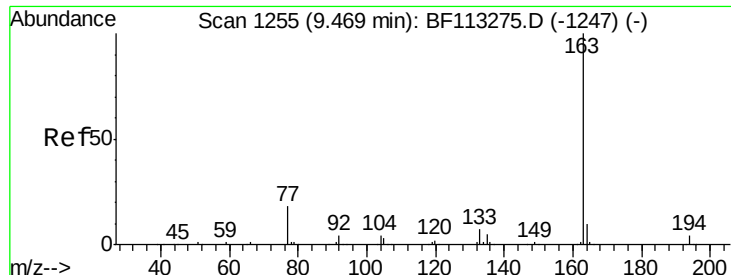
171 36.1 29.0 43.6

170 24.8 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

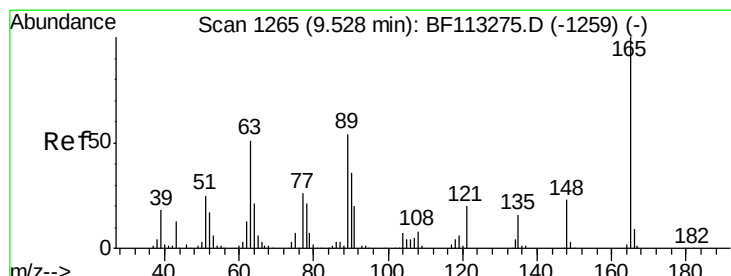
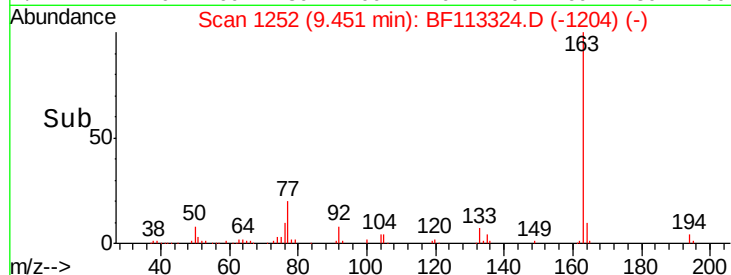
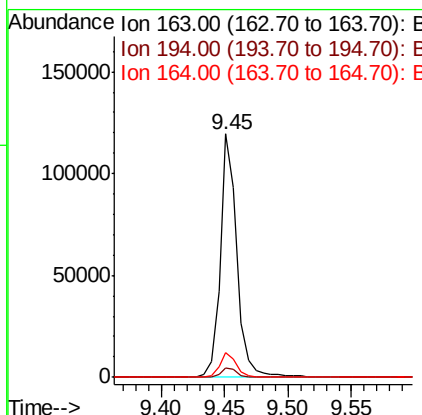
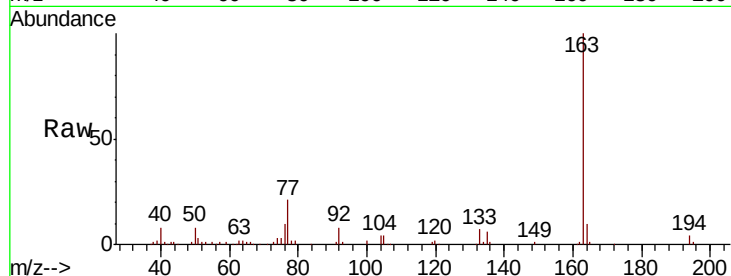




#50
 Dimethylphthalate
 Concen: 3.969 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

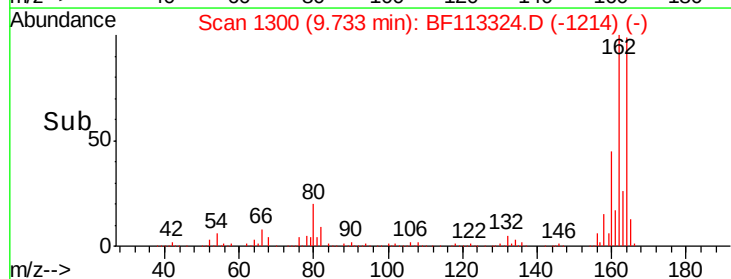
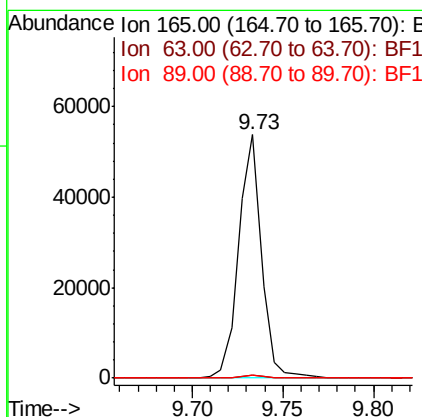
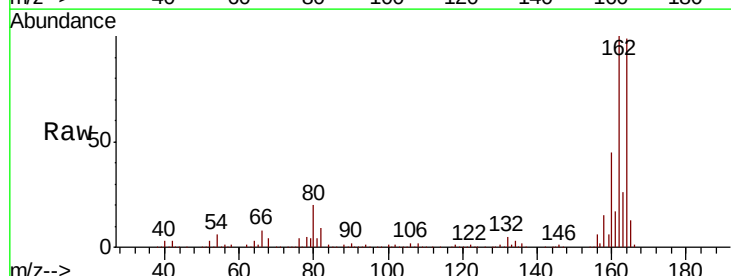
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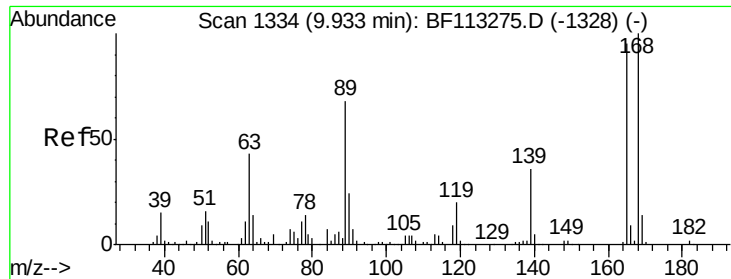
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.1	12.1



#51
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.3	43.1	64.7#

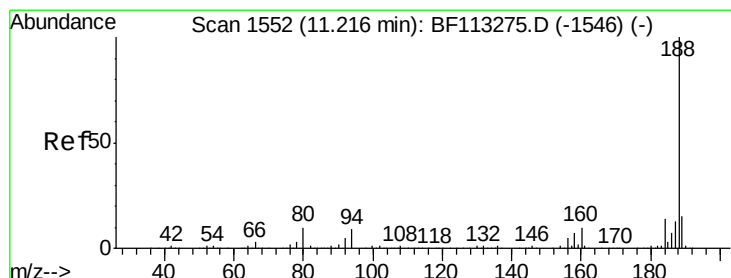
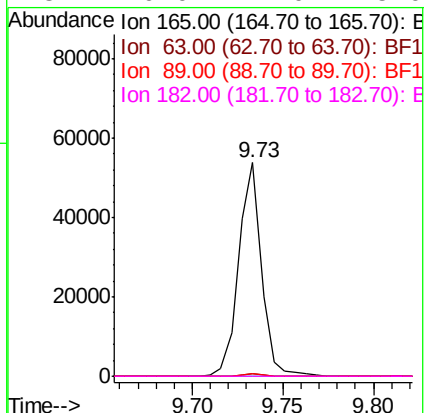
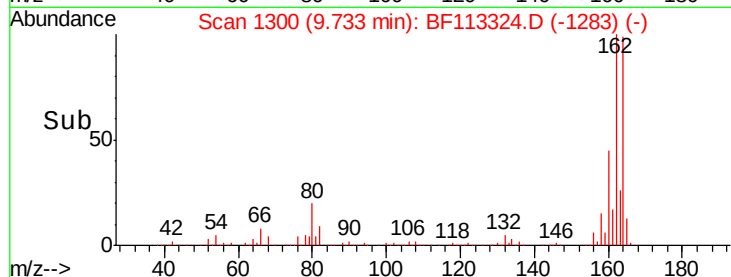
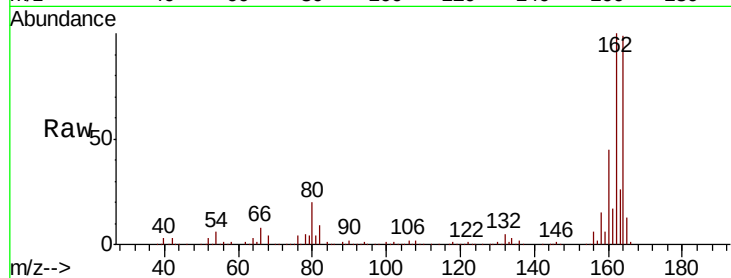




#57
 2,4-Dinitrotoluene
 Concen: 5.932 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

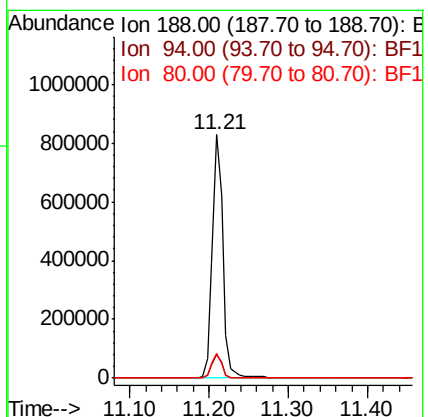
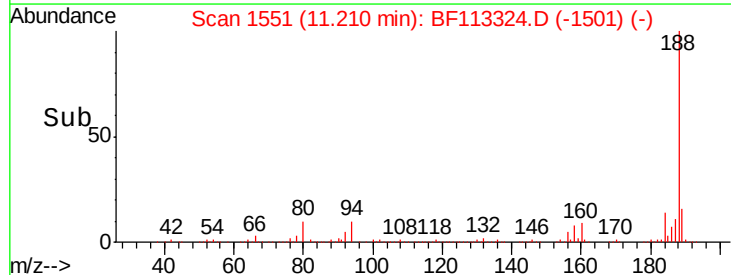
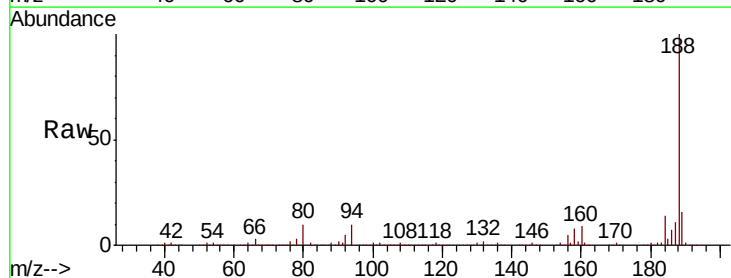
Instrument :
 BNA_F
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 S-1

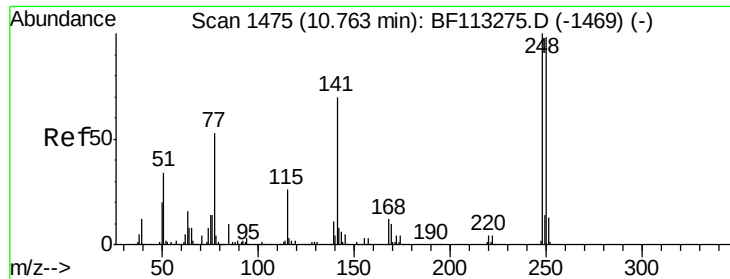
Tgt Ion:	165	Resp:	47130
Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Tgt Ion:	188	Resp:	765180
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.2	7.7	11.5

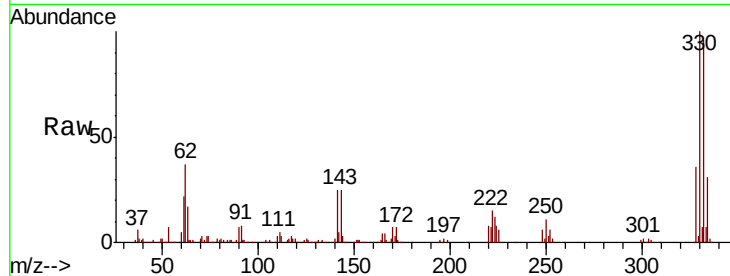




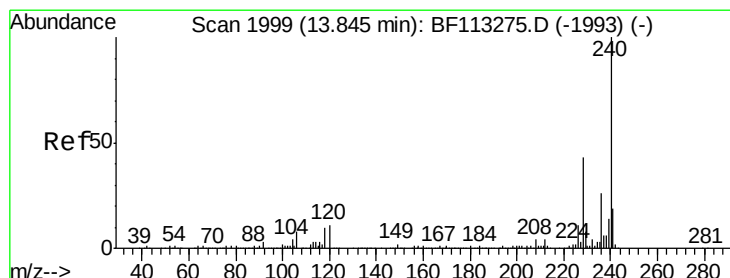
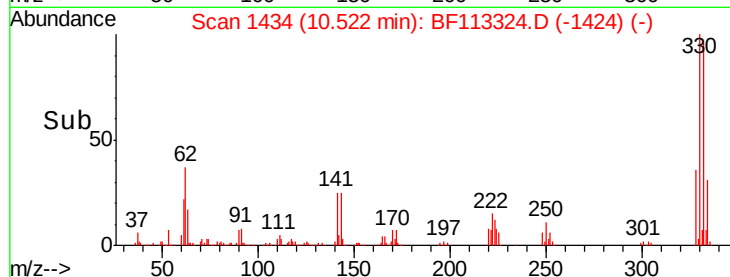
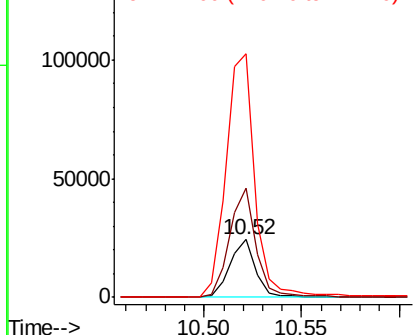
#67
 4-Bromophenyl-phenylether
 Concen: 2.672 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tgt Ion:248 Resp: 22284
 Ion Ratio Lower Upper
 248 100
 250 189.4 78.3 117.5#
 141 423.7 56.2 84.4#

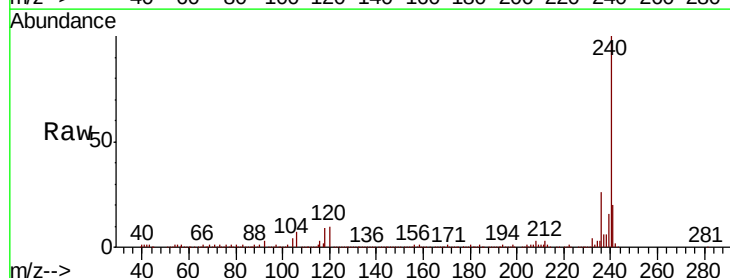


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

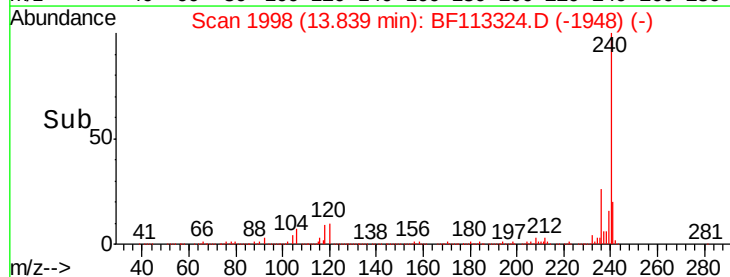
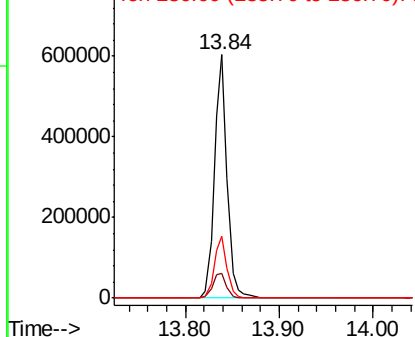


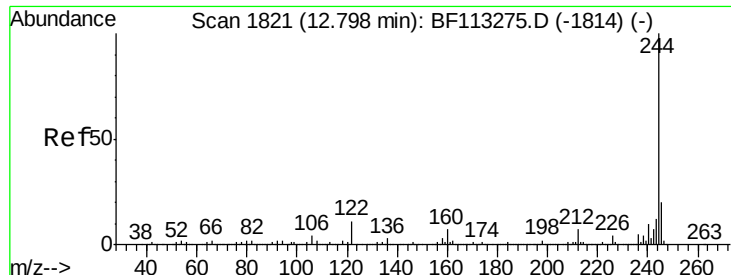
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Tgt Ion:240 Resp: 574373
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.8 13.2
 236 25.6 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: 65.731 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

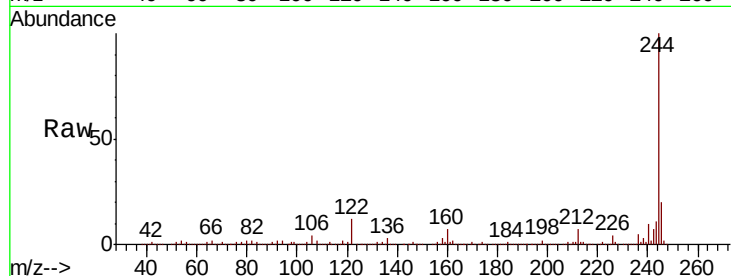
Tgt Ion:244 Resp: 1712844

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

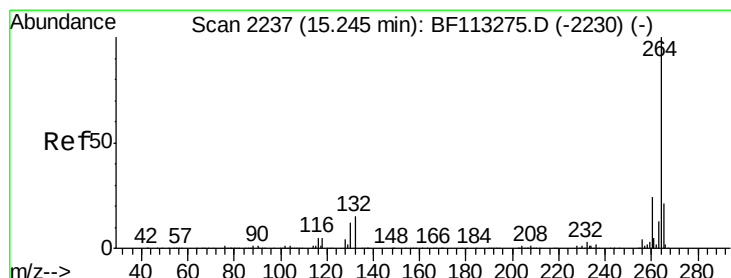
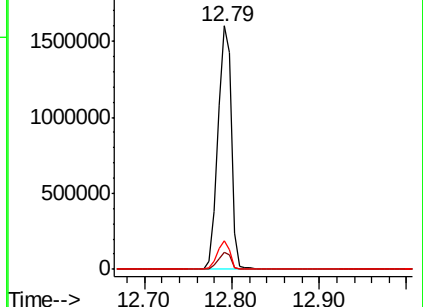
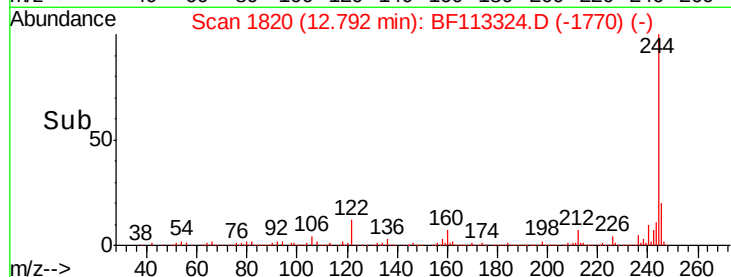
122 11.7 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

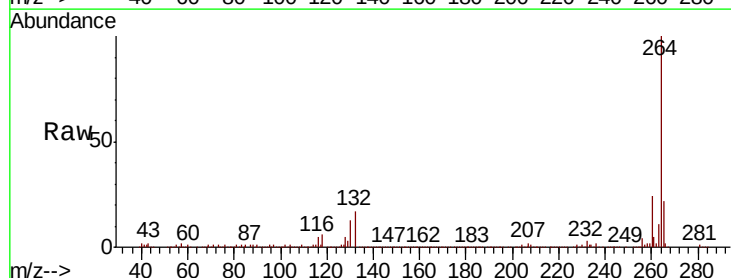
Tgt Ion:264 Resp: 504701

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 17.1 25.7



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

