

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113419.D
 Acq On : 29 Mar 2019 17:57
 Operator : JU/SJ
 Sample : K2139-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Quant Time: Mar 30 00:56:39 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

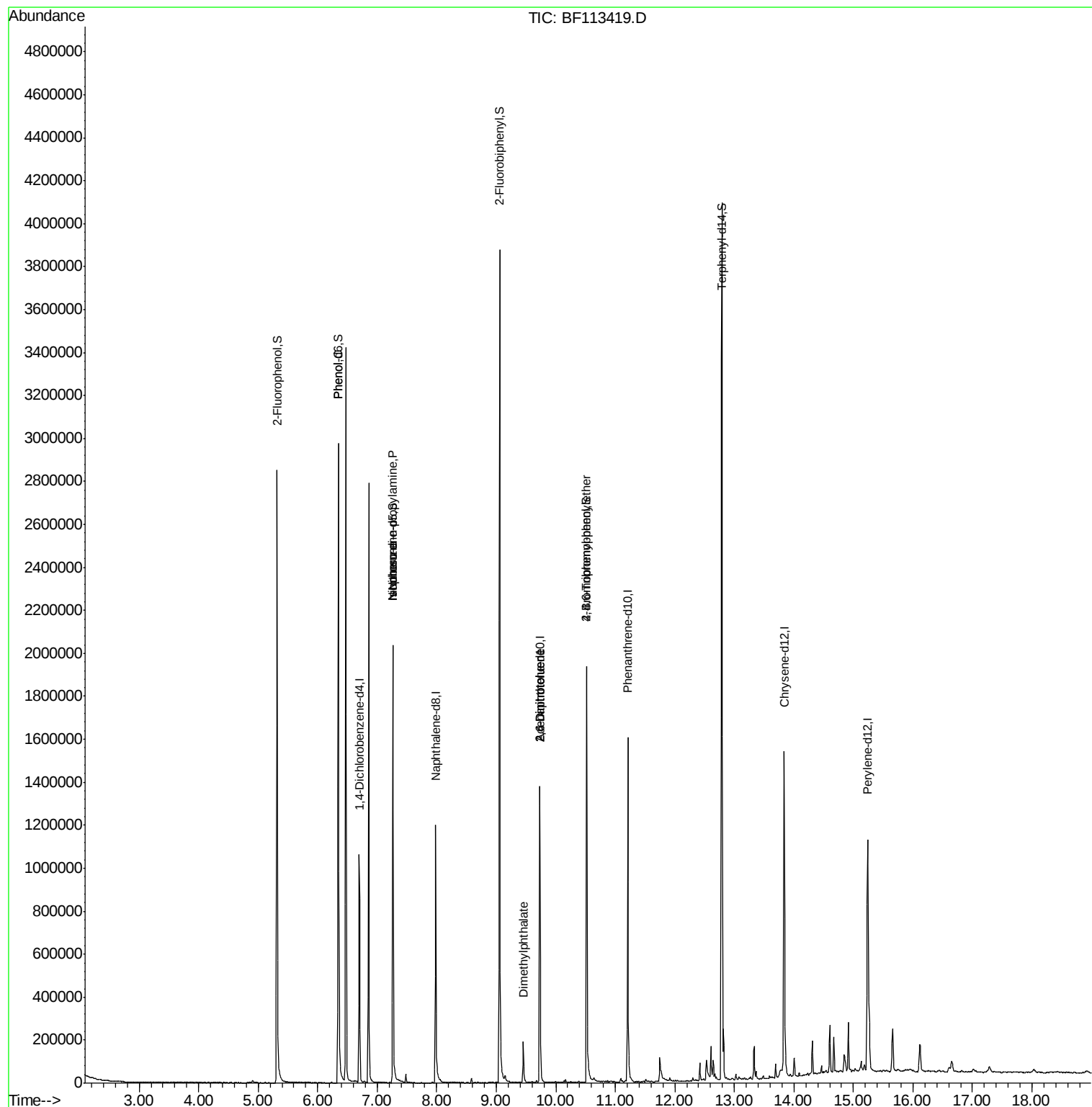
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165095	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	637075	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320429	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	661573	20.00	ng	0.00
76) Chrysene-d12	13.84	240	609142	20.00	ng	0.00
87) Perylene-d12	15.24	264	558805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	894604	88.60	ng	0.00
7) Phenol-d6	6.35	99	1165580	91.25	ng	0.00
23) Nitrobenzene-d5	7.26	82	707085	65.88	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	332318	83.96	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1312913	58.78	ng	0.00
79) Terphenyl-d14	12.79	244	1545376	55.92	ng	0.00
Target Compounds						
10) Phenol	6.36	94	41277	2.831	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	90564	11.288	ng	# 77
25) Isophorone	7.26	82	707137	33.995	ng	# 64
50) Dimethylphthalate	9.45	163	102667	4.323	ng	100
51) 2,6-Dinitrotoluene	9.73	165	40449	7.551	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	40449	5.937	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	18650	2.586	ng	# 1

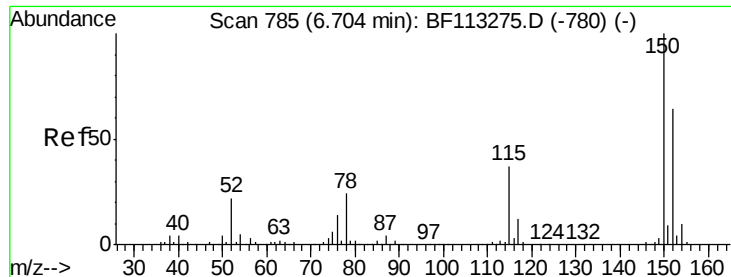
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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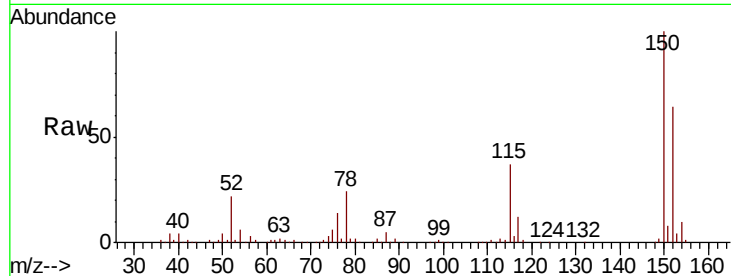


#1

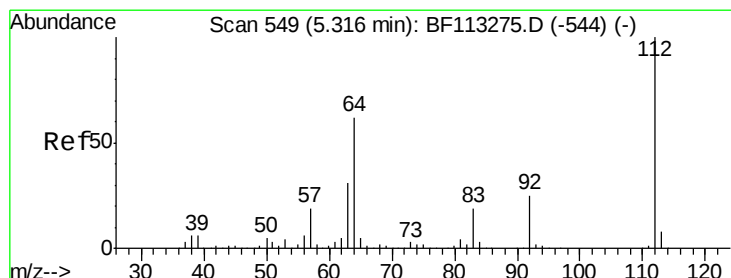
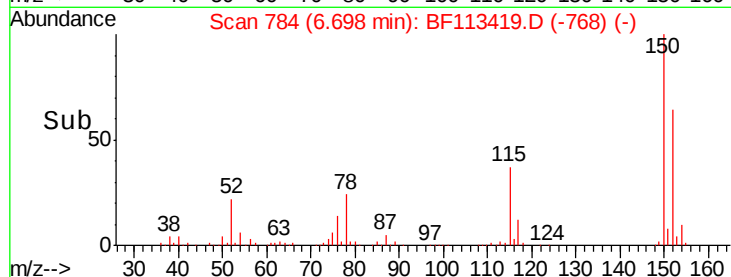
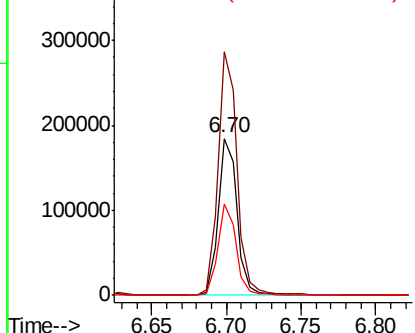
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Tgt Ion:152 Resp: 165095
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 57.9 46.0 69.0



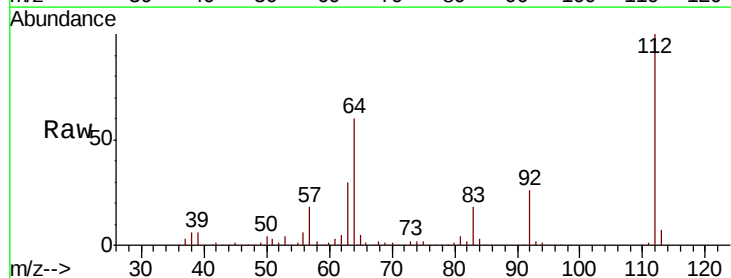
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



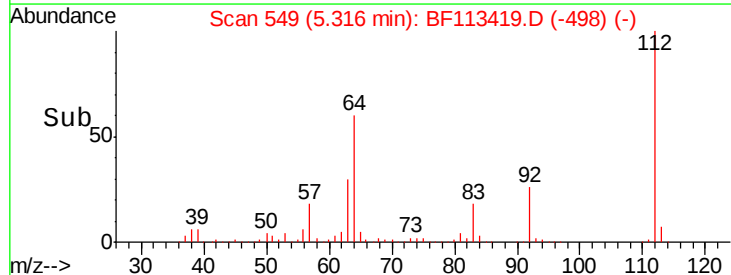
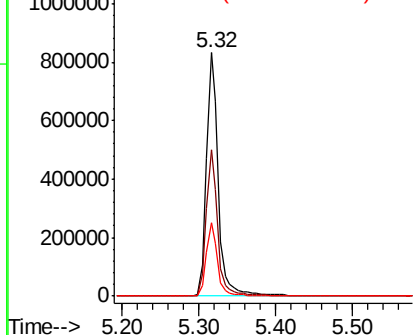
#5

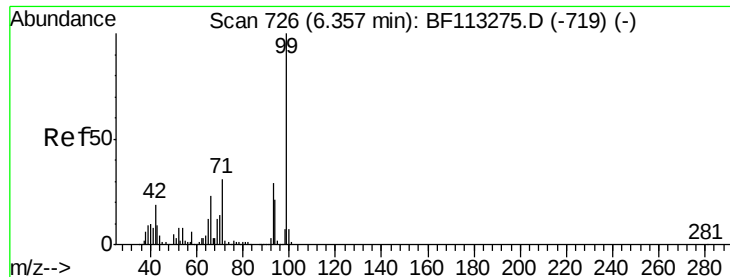
2-Fluorophenol
 Concen: 88.603 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

Tgt Ion:112 Resp: 894604
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.2 73.8
 63 30.2 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: 91.253 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113419.D

Acq: 29 Mar 2019 17:57

Instrument :

BNA_F

ClientSampleId :

S7B(12-20)COMP

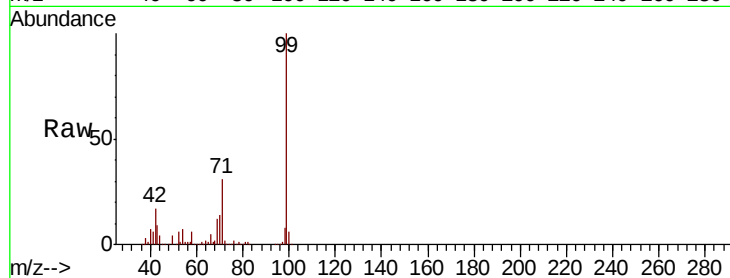
Tgt Ion: 99 Resp: 1165580

Ion Ratio Lower Upper

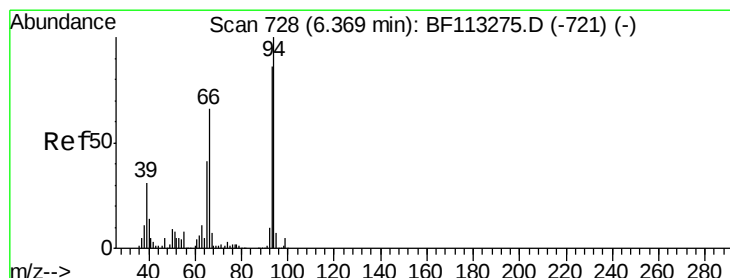
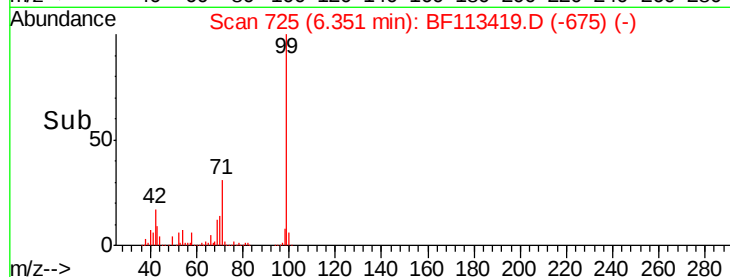
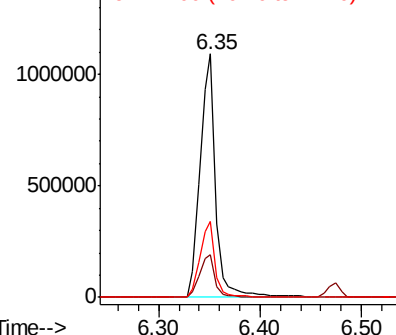
99 100

42 17.5 14.8 22.2

71 31.0 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: 2.831 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113419.D

Acq: 29 Mar 2019 17:57

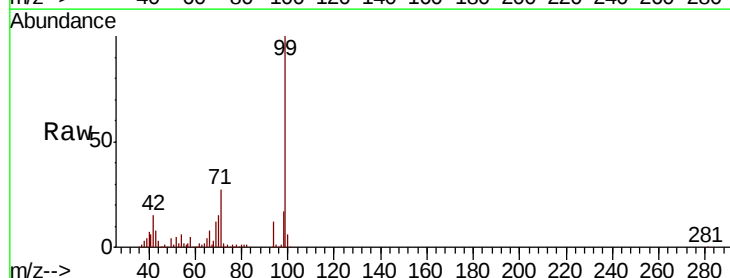
Tgt Ion: 94 Resp: 41277

Ion Ratio Lower Upper

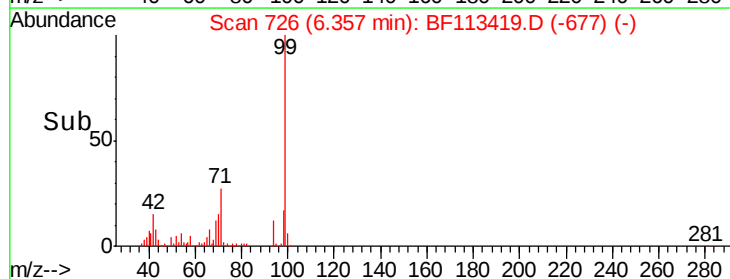
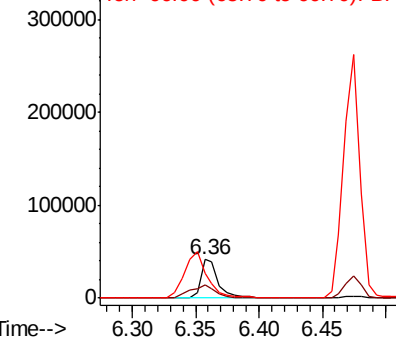
94 100

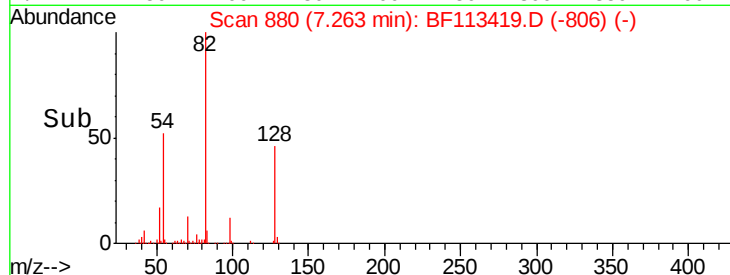
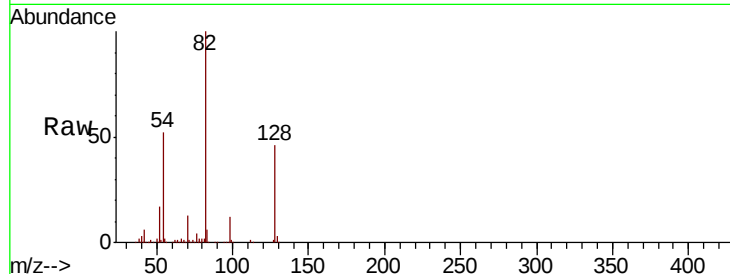
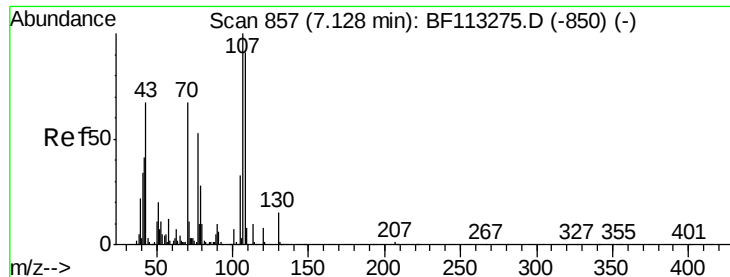
65 32.9 21.4 61.4

66 66.4 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

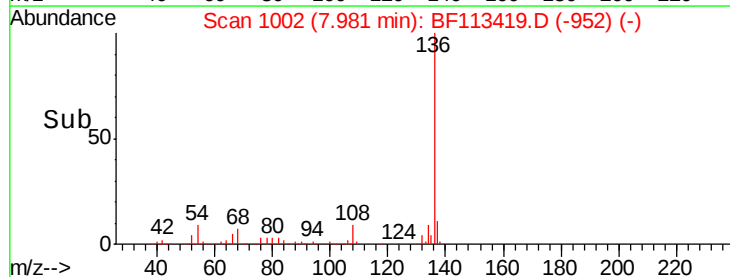
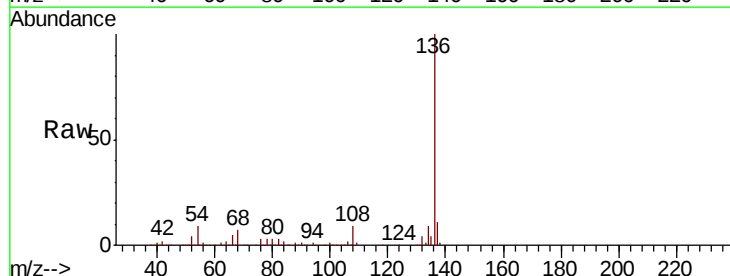
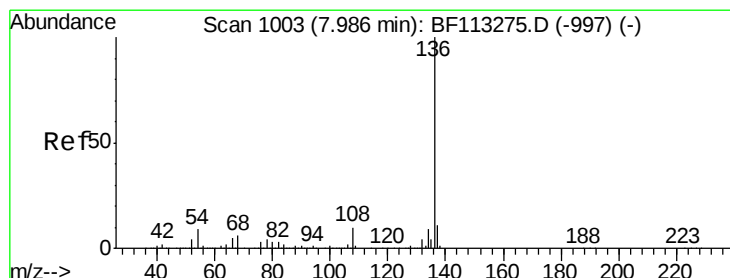
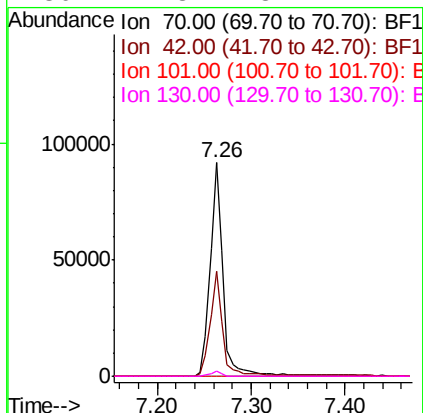




#19
n-Nitroso-di-n-propylamine
Concen: 11.288 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

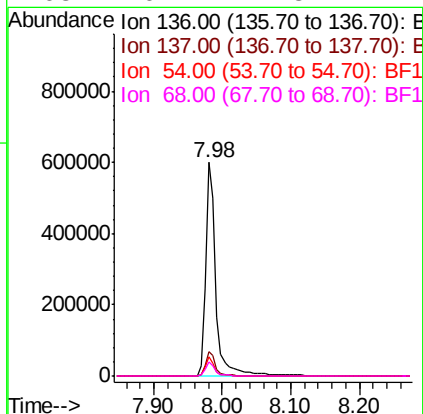
Instrument :
BNA_F
ClientSampleId :
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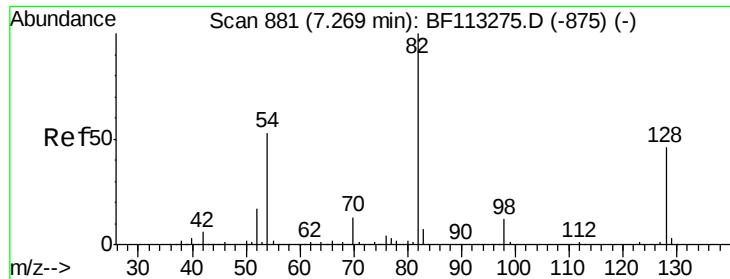
Tgt Ion: 70 Resp: 90564
Ion Ratio Lower Upper
70 100
42 49.2 48.4 72.6
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Tgt Ion: 136 Resp: 637075
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.7 7.0 10.6
68 6.7 4.8 7.2

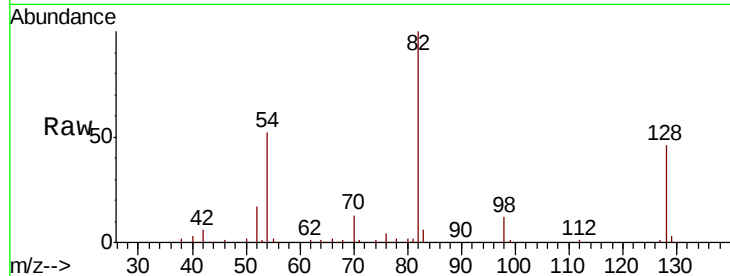




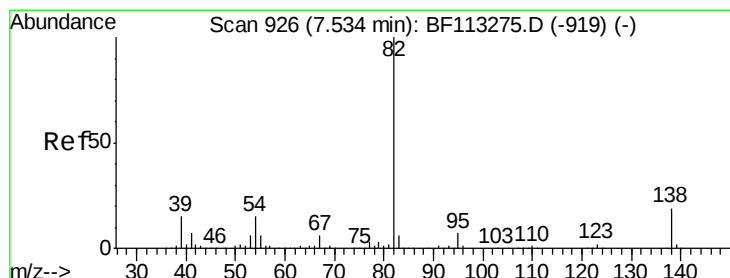
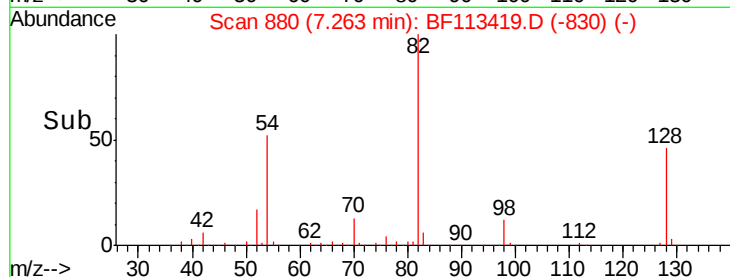
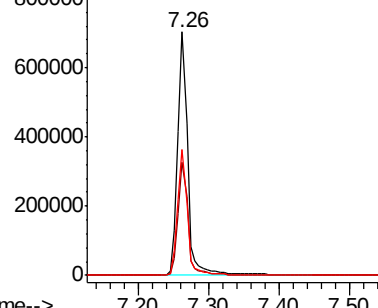
#23
Nitrobenzene-d5
Concen: 65.877 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Instrument :
BNA_F
ClientSampleId :
S7B(12-20)COMP

Tgt Ion: 82 Resp: 707085
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 51.5 42.2 63.2

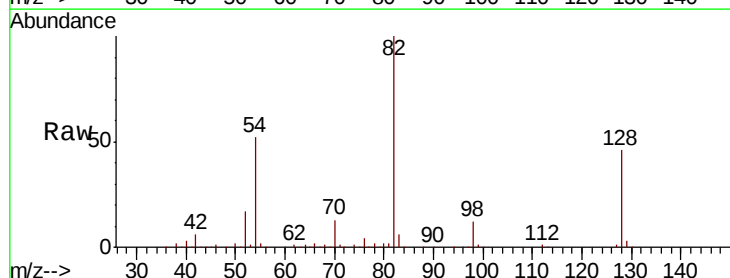


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

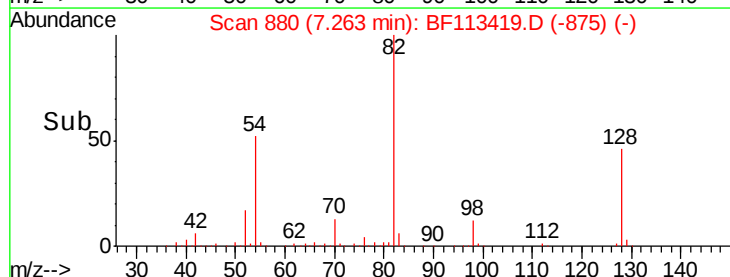
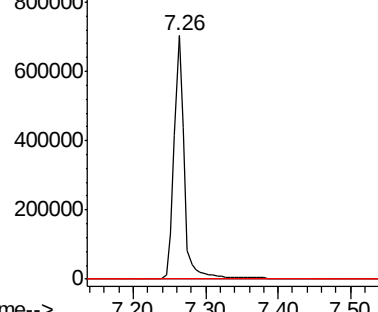


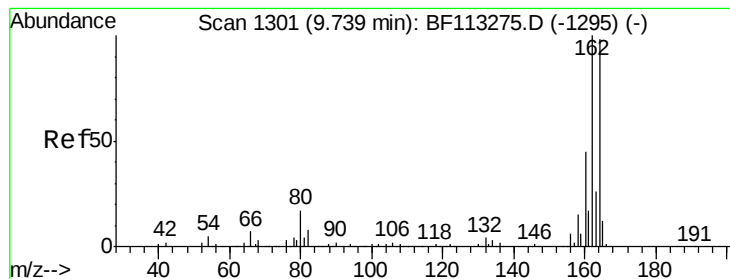
#25
Isophorone
Concen: 33.995 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Tgt Ion: 82 Resp: 707137
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: BF113419.D

Acq: 29 Mar 2019 17:57

Instrument :

BNA_F

ClientSampleId :

S7B(12-20)COMP

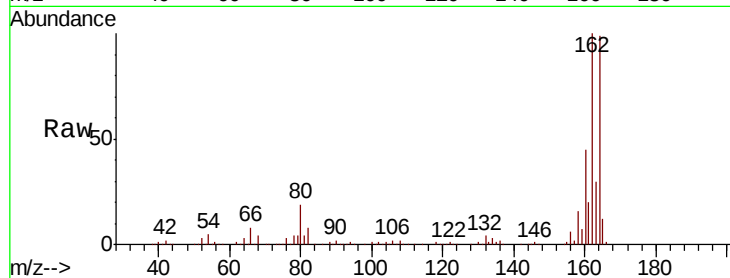
Tgt Ion:164 Resp: 320429

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

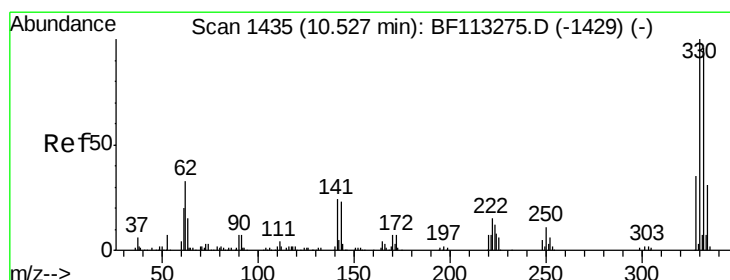
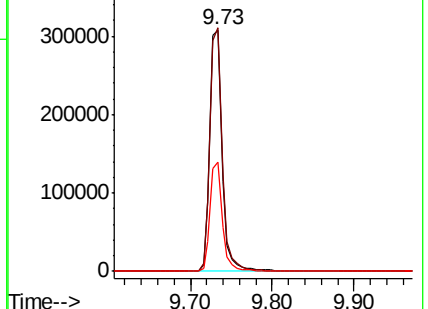
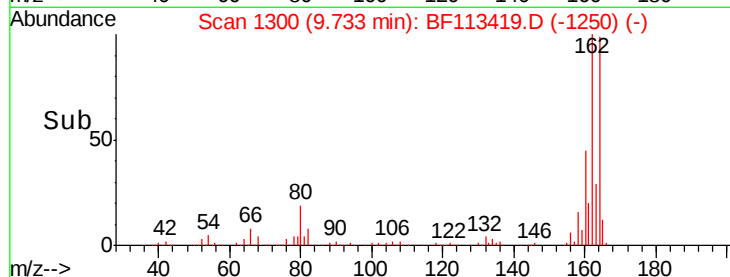
160 45.4 36.4 54.6



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: 83.960 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113419.D

Acq: 29 Mar 2019 17:57

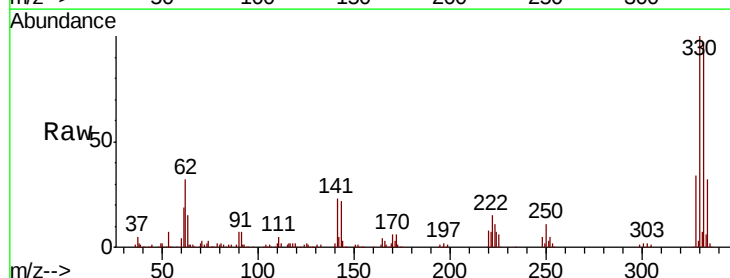
Tgt Ion:330 Resp: 332318

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

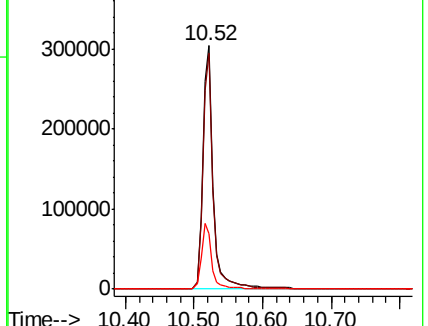
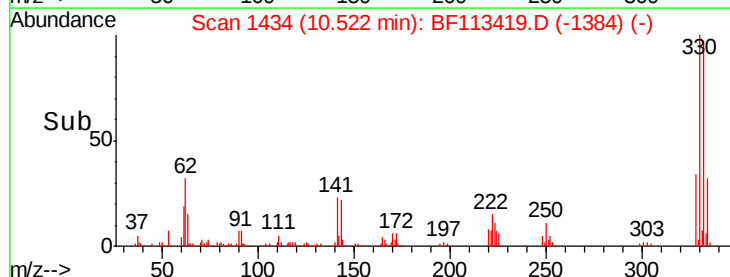
141 27.4 22.7 34.1

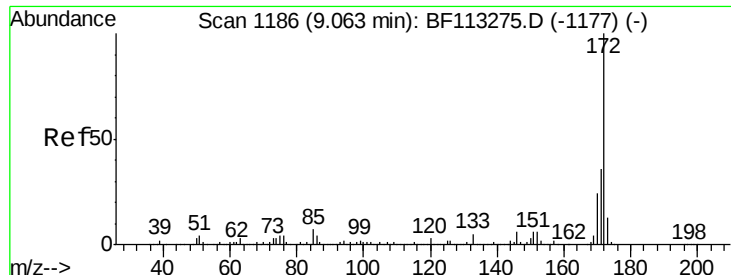


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

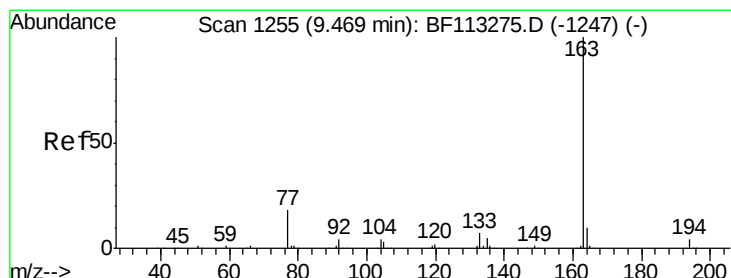
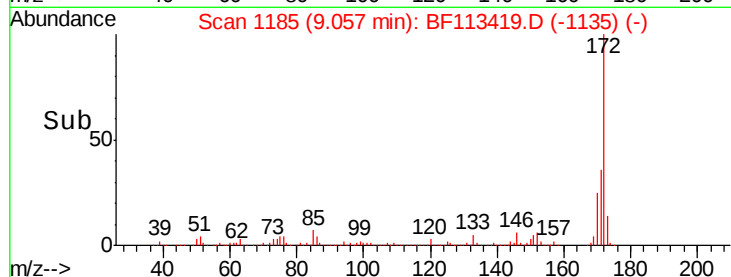
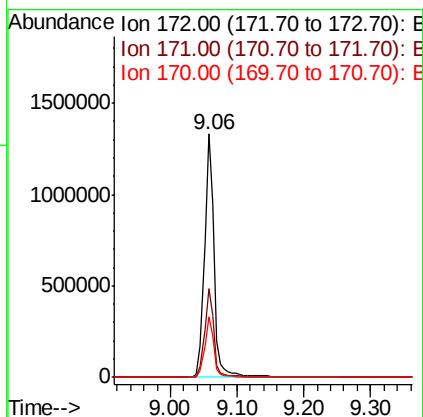
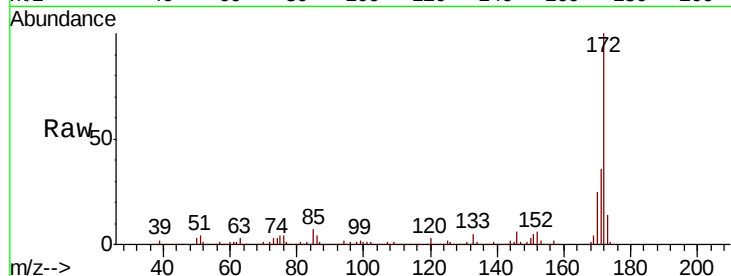




#45
2-Fluorobiphenyl
Concen: 58.780 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

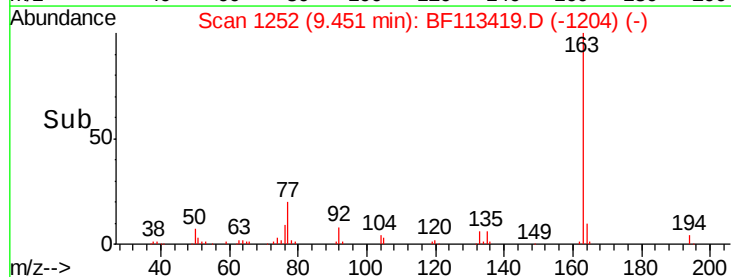
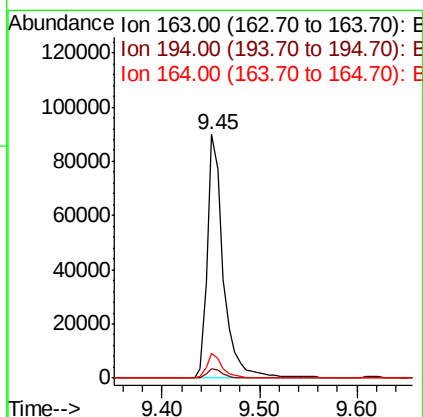
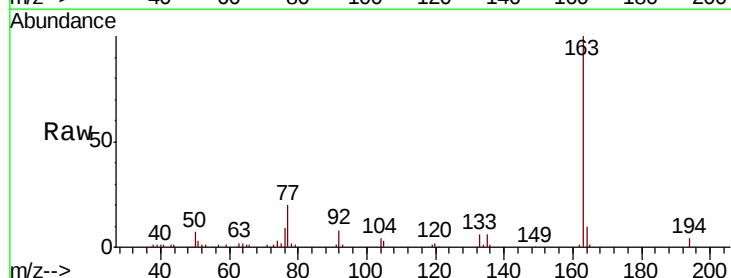
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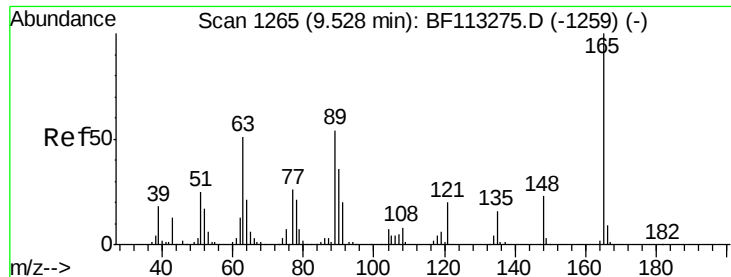
Tgt Ion:172 Resp: 1312913
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.7 19.5 29.3



#50
Dimethylphthalate
Concen: 4.323 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Tgt Ion:163 Resp: 102667
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.1 12.1

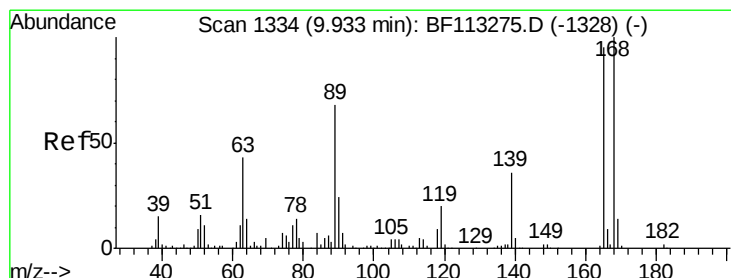
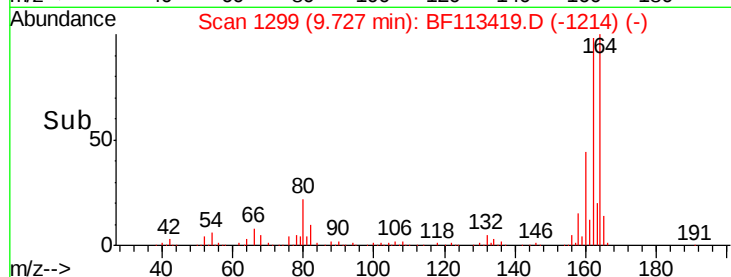
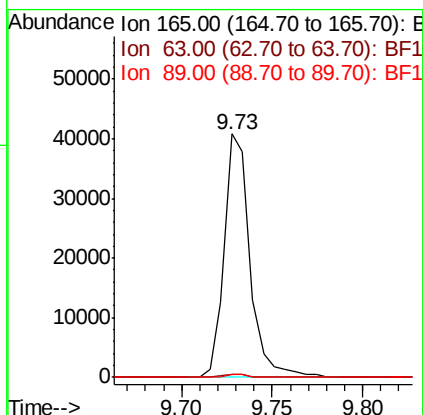
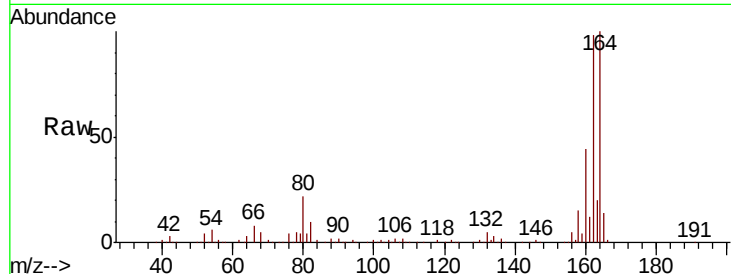




#51
 2,6-Dinitrotoluene
 Concen: 7.551 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.20 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

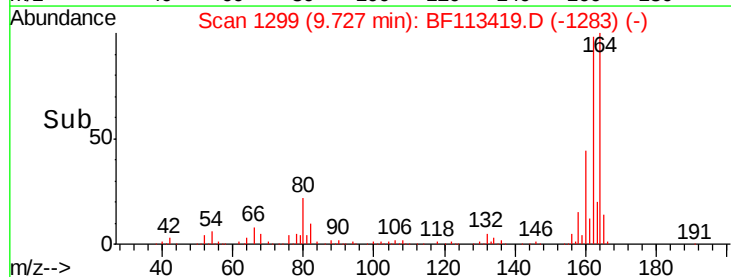
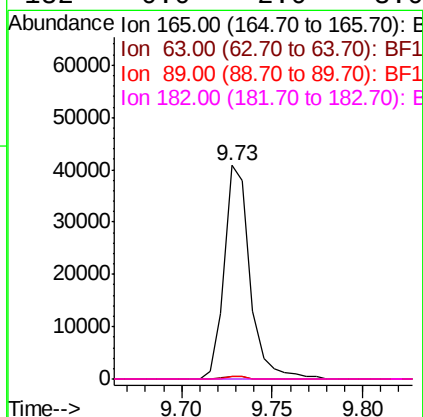
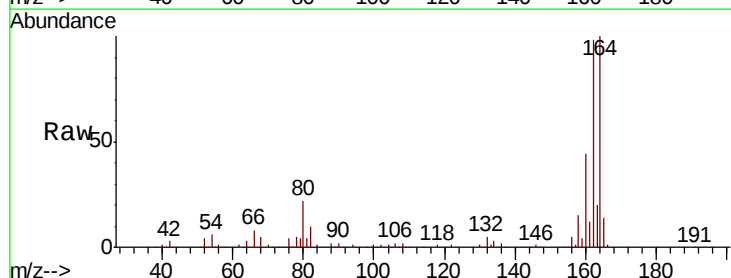
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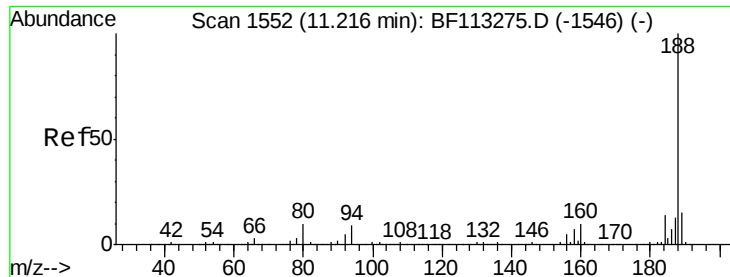
Tgt Ion:165 Resp: 40449
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.4 65.0#
 89 1.0 43.1 64.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.937 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

Tgt Ion:165 Resp: 40449
 Ion Ratio Lower Upper
 165 100
 63 1.1 37.5 56.3#
 89 1.0 57.4 86.2#
 182 0.0 2.0 3.0#

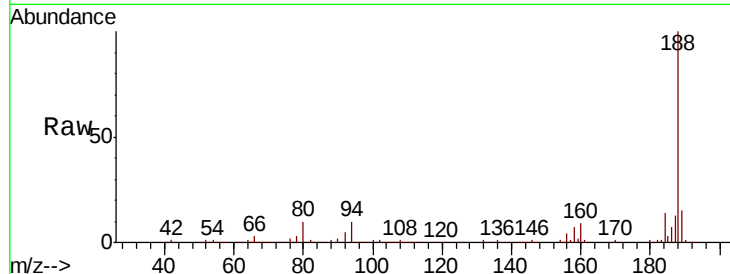




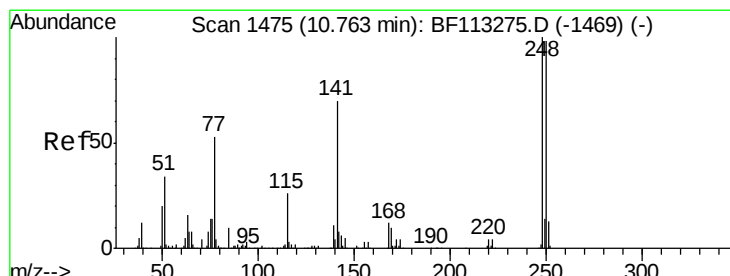
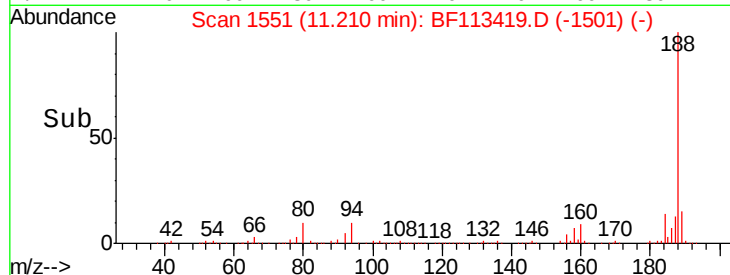
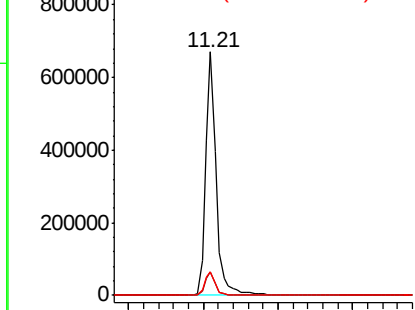
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Tgt Ion:188 Resp: 661573
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 9.8 7.7 11.5

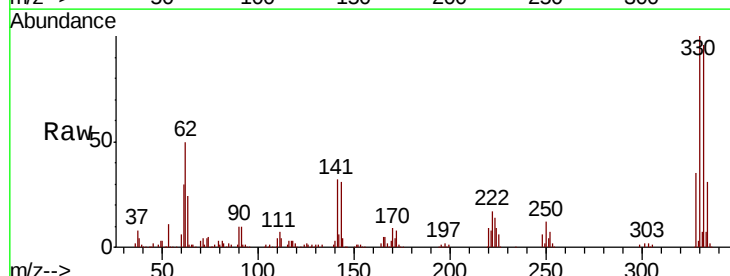


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

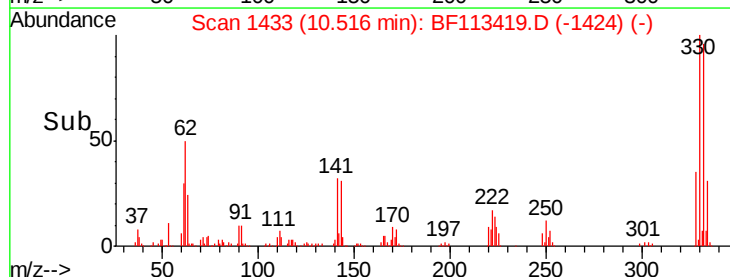
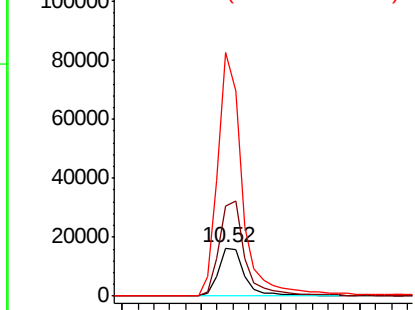


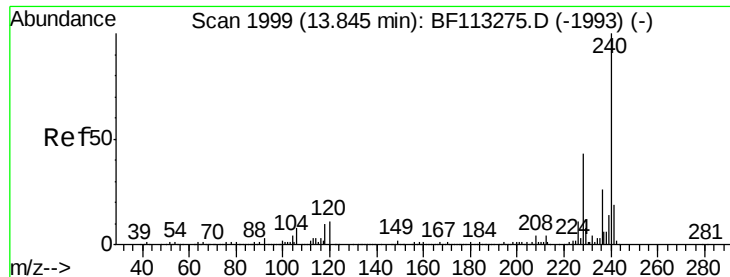
#67
 4-Bromophenyl-phenylether
 Concen: 2.586 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113419.D
 Acq: 29 Mar 2019 17:57

Tgt Ion:248 Resp: 18650
 Ion Ratio Lower Upper
 248 100
 250 188.0 78.3 117.5#
 141 506.2 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

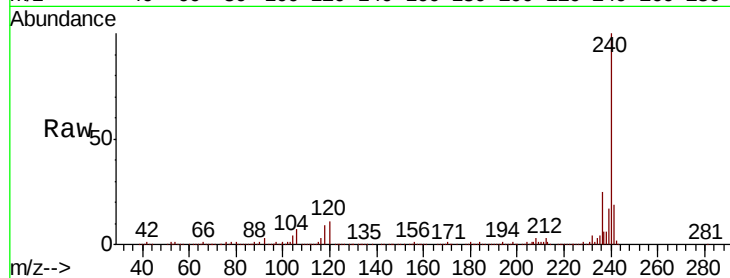




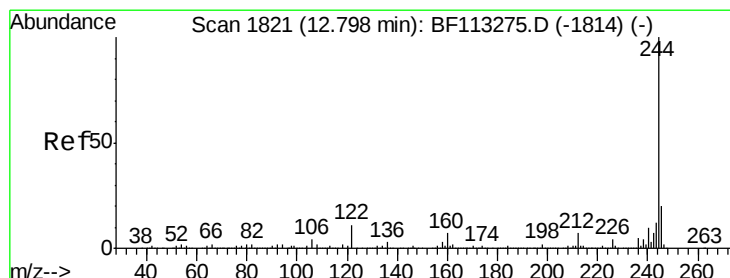
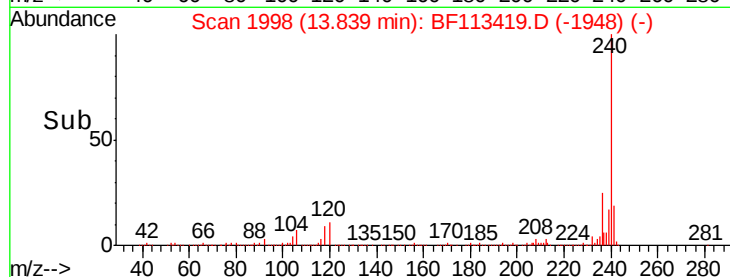
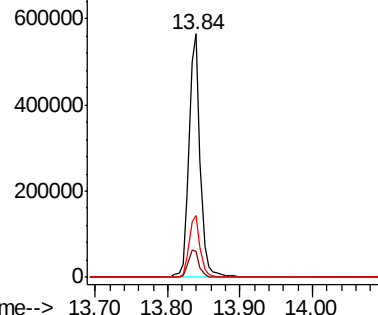
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Instrument :
BNA_F
ClientSampleId :
S7B(12-20)COMP

Tgt Ion:240 Resp: 609142
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.3 20.9 31.3

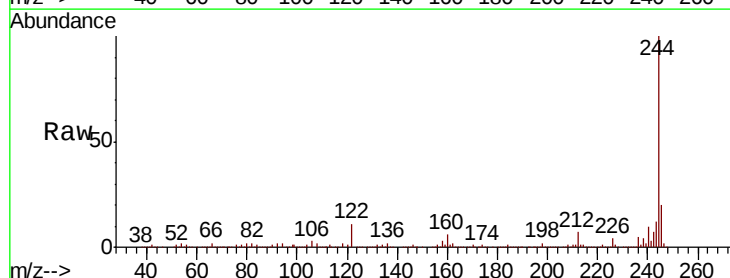


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

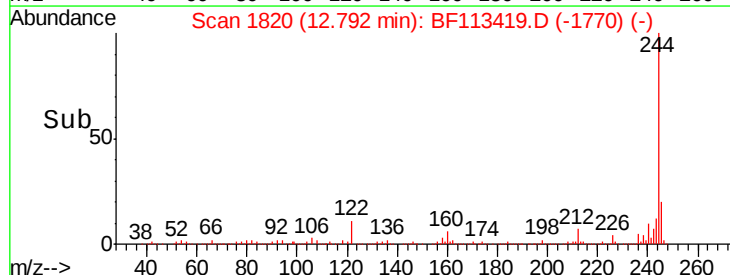
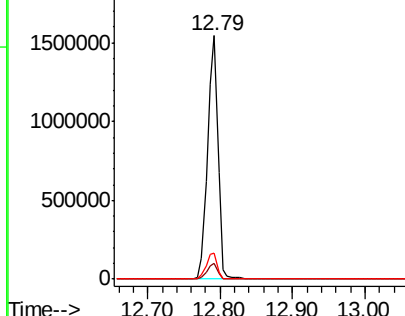


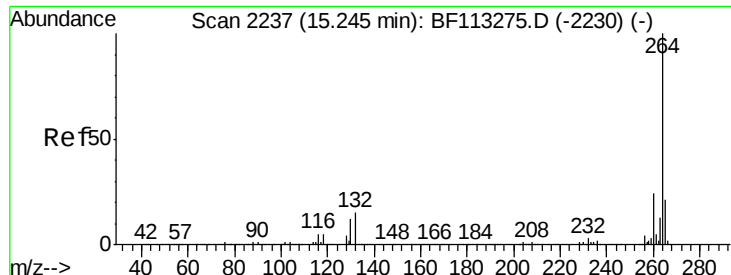
#79
Terphenyl-d14
Concen: 55.919 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113419.D
Acq: 29 Mar 2019 17:57

Tgt Ion:244 Resp: 1545376
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.8 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: BF113419.D
Acq: 29 Mar 2019 17:57

Instrument :
BNA_F
ClientSampleId :
S7B(12-20)COMP

Tgt Ion:264 Resp: 558805
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 20.8 17.1 25.7

