

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113424.D
 Acq On : 29 Mar 2019 20:22
 Operator : JU/SJ
 Sample : K2138-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Quant Time: Mar 30 00:57:40 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

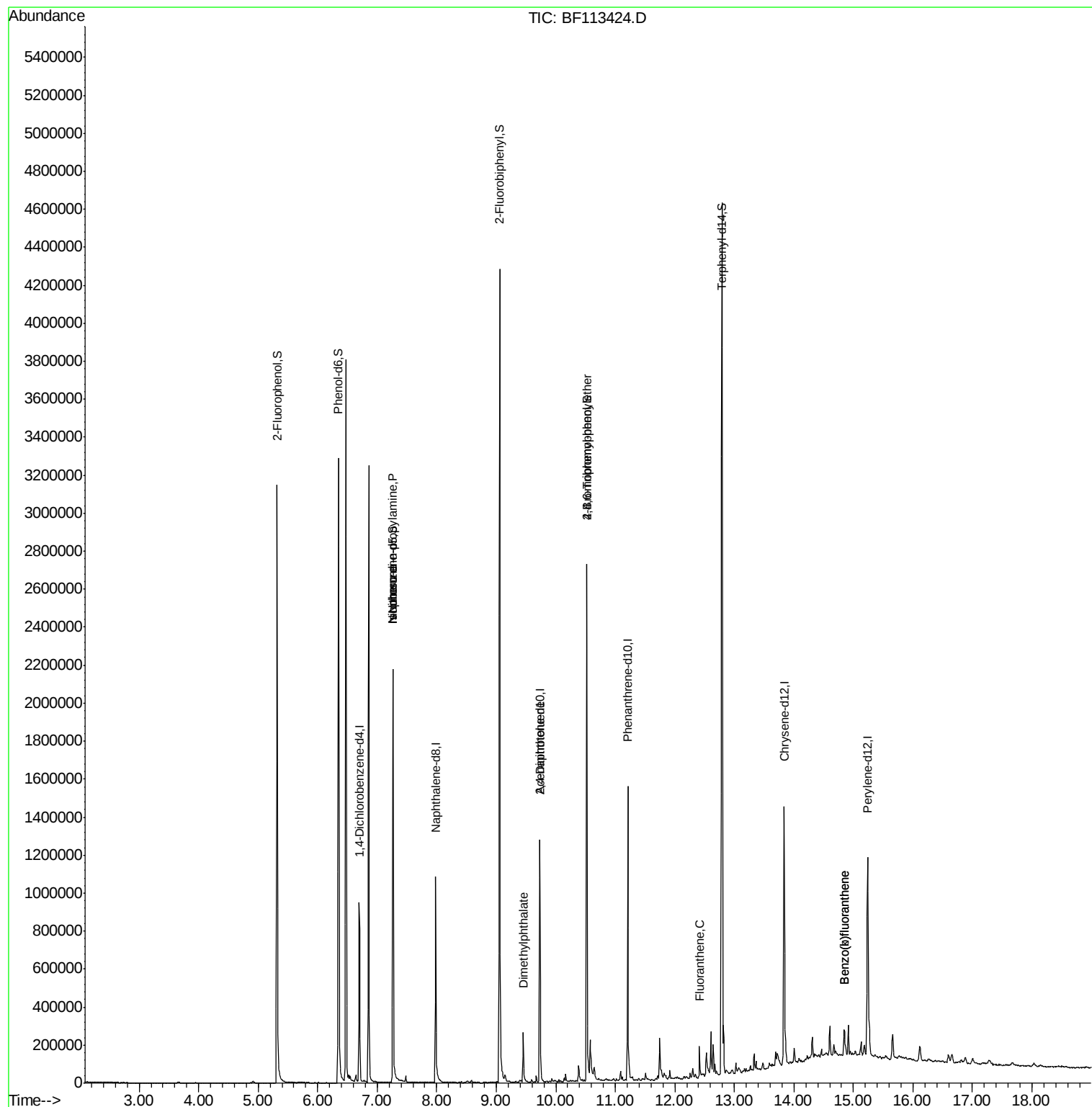
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	149183	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	560554	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	277166	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	585211	20.00	ng	0.00
76) Chrysene-d12	13.84	240	513338	20.00	ng	0.00
87) Perylene-d12	15.24	264	502928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1058306	116.00	ng	0.00
7) Phenol-d6	6.35	99	1405879	121.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	861171	91.18	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	417822	122.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1597883	91.76	ng	0.00
79) Terphenyl-d14	12.79	244	1887429	81.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	108516	14.968	ng	Qvalue # 75
25) Isophorone	7.26	82	861167	47.052	ng	# 64
50) Dimethylphthalate	9.45	163	117966	5.743	ng	100
57) 2,4-Dinitrotoluene	9.73	165	35781	6.072	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	23155	3.630	ng	# 1
75) Fluoranthene	12.42	202	68198	2.076	ng	98
88) Benzo(b)fluoranthene	14.84	252	93292	2.986	ng	# 96
89) Benzo(k)fluoranthene	14.84	252	93292	3.400	ng	# 95

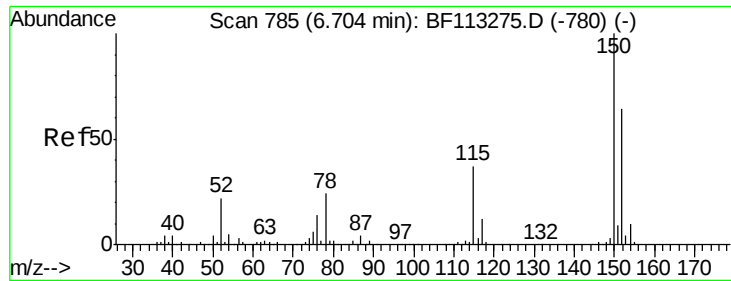
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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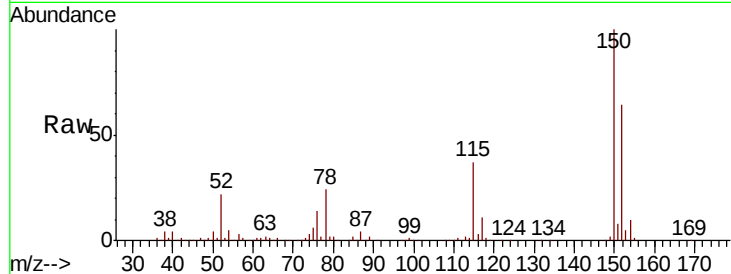


#1

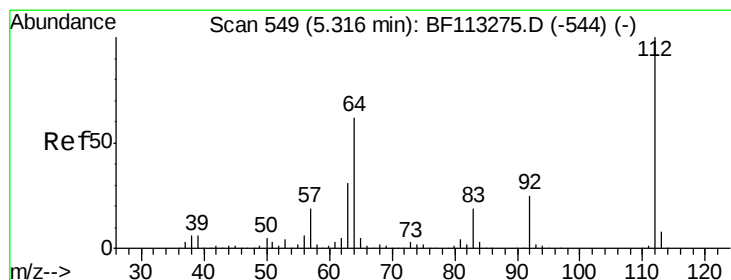
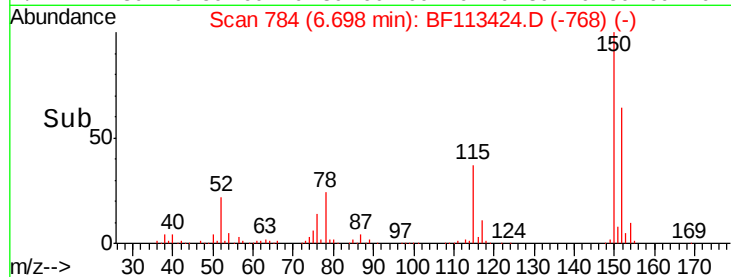
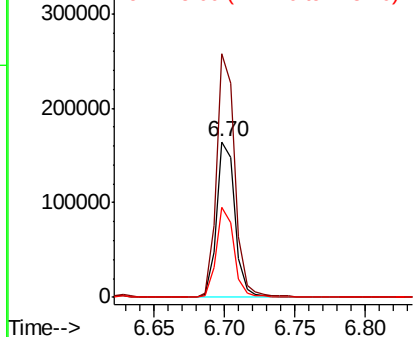
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Instrument :
BNA_F
ClientSampleId :
S6A(2-10)COMP

Tgt Ion:152 Resp: 149183
Ion Ratio Lower Upper
152 100
150 156.8 124.7 187.1
115 58.2 46.0 69.0



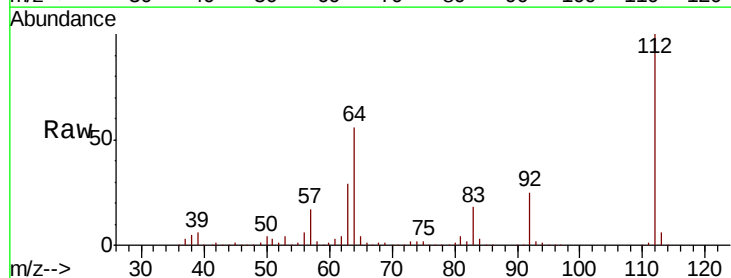
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



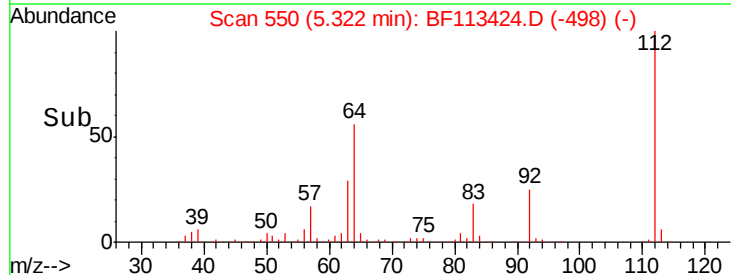
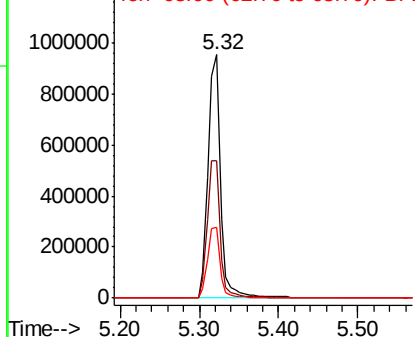
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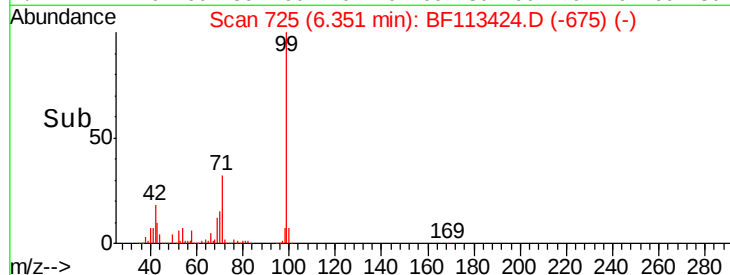
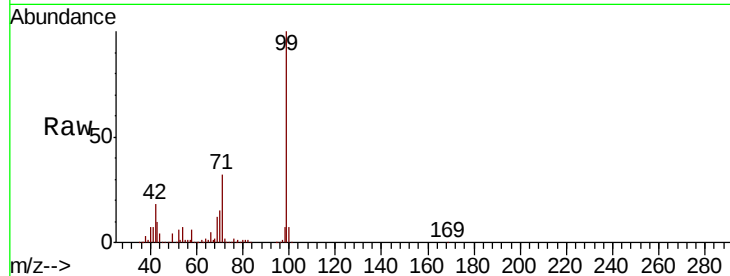
2-Fluorophenol
Concen: 115.996 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Tgt Ion:112 Resp: 1058306
Ion Ratio Lower Upper
112 100
64 56.4 49.2 73.8
63 29.0 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: 121.806 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113424.D

Acq: 29 Mar 2019 20:22

Instrument :

BNA_F

ClientSampleId :

S6A(2-10)COMP

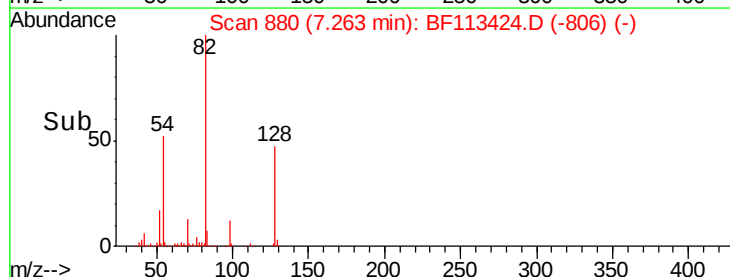
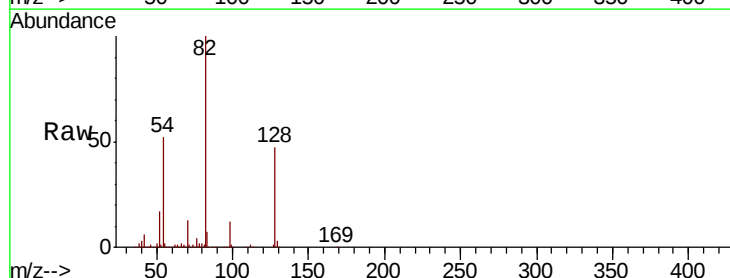
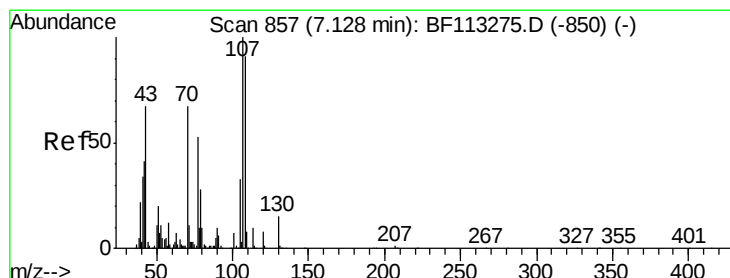
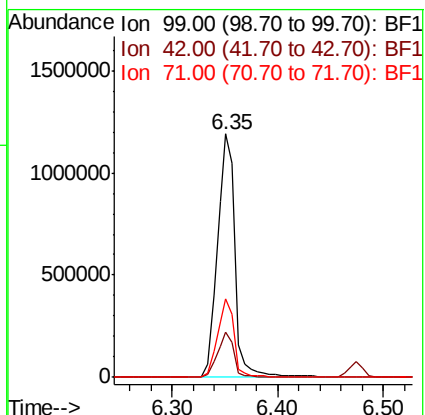
Tgt Ion: 99 Resp: 1405879

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.968 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113424.D

Acq: 29 Mar 2019 20:22

Tgt Ion: 70 Resp: 108516

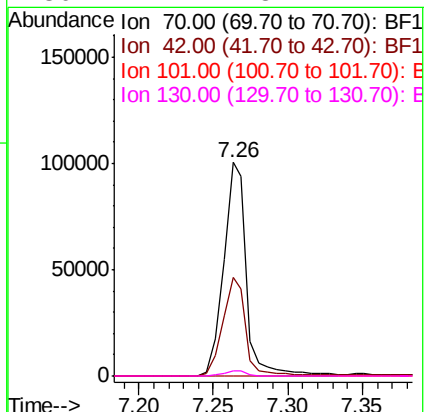
Ion Ratio Lower Upper

70 100

42 46.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

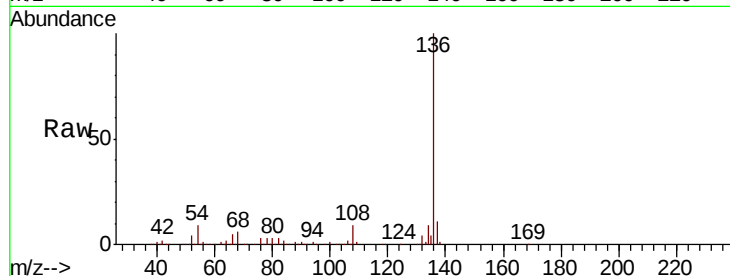




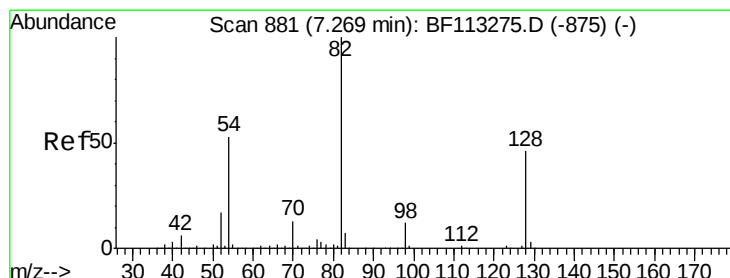
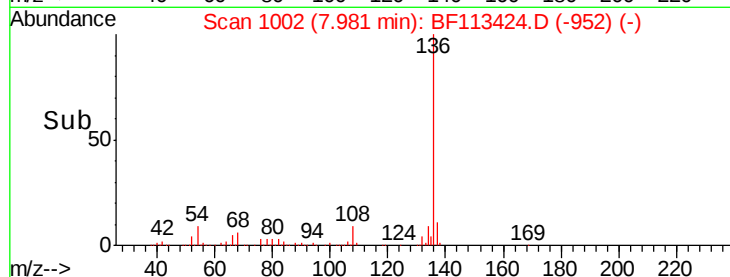
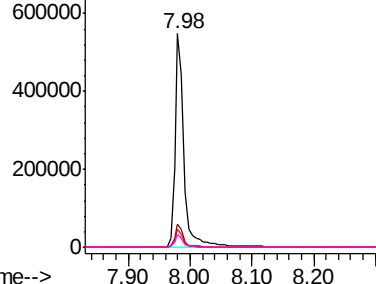
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Instrument :
BNA_F
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S6A(2-10)COMP

Tgt Ion:	136	Resp:	560554
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	7.0	10.6
68	6.2	4.8	7.2

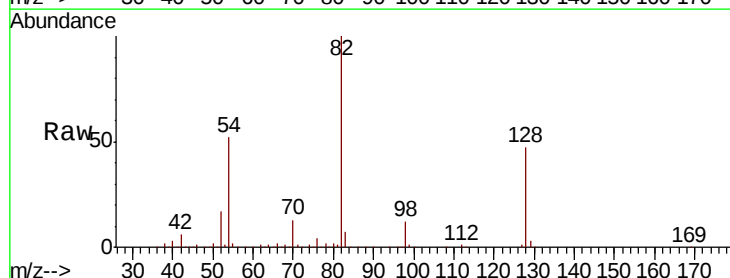


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

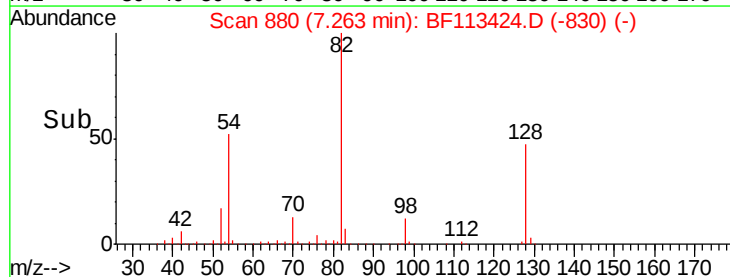
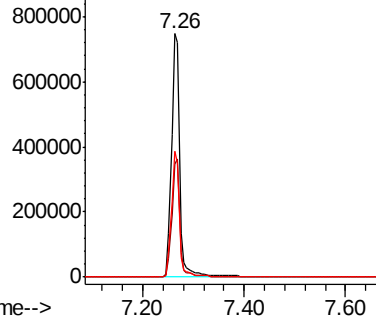


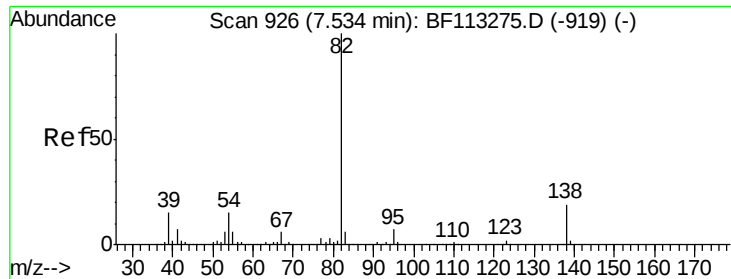
#23
Nitrobenzene-d5
Concen: 91.185 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Tgt Ion:	82	Resp:	861171
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.5	54.7
54	51.8	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

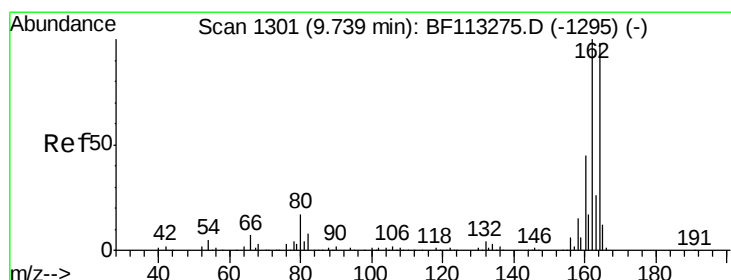
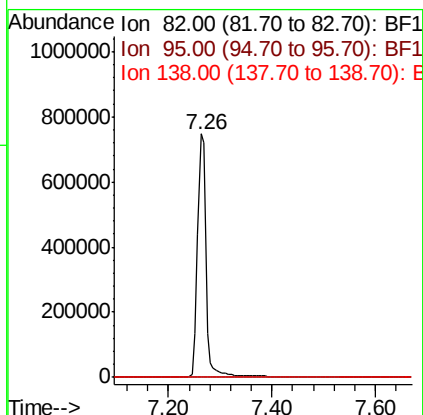
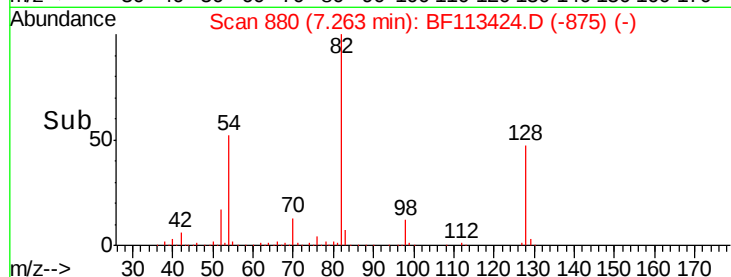
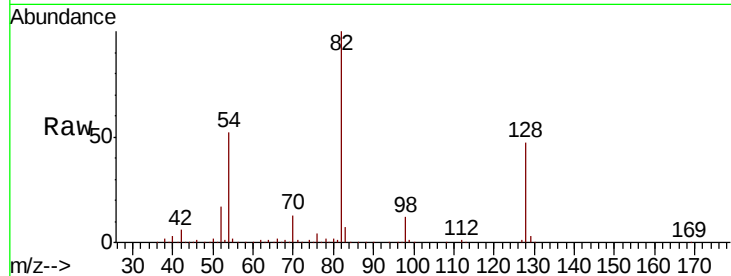




#25
Isophorone
Concen: 47.052 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

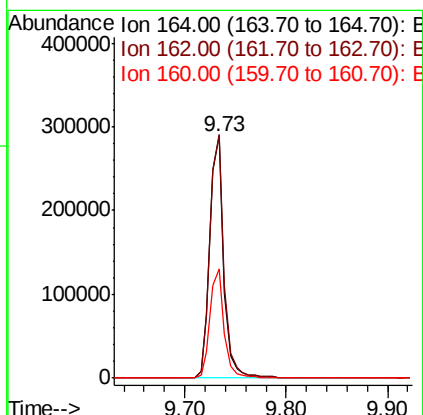
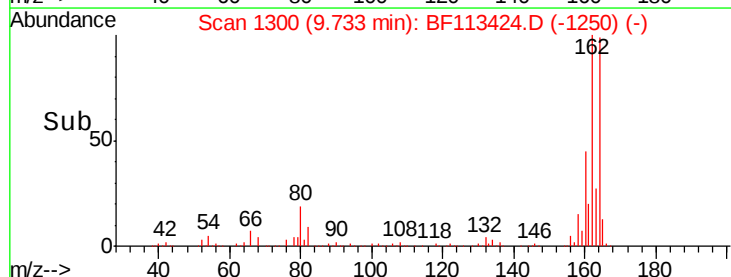
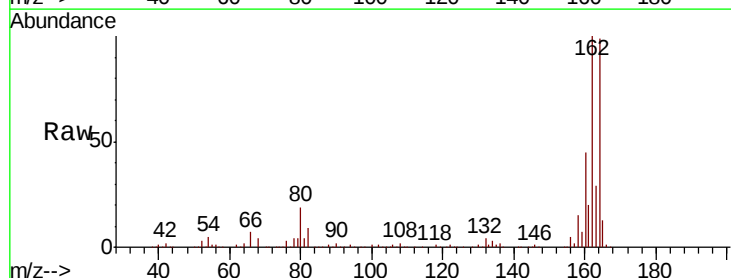
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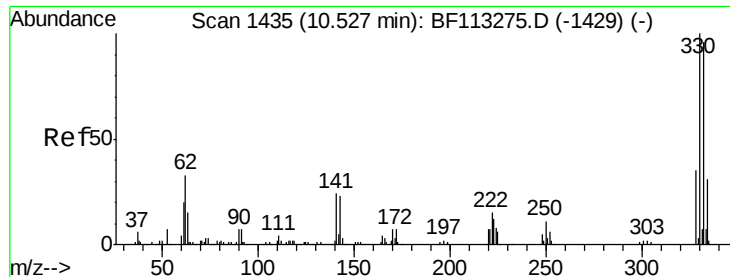
Tgt Ion: 82 Resp: 861167
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Tgt Ion: 164 Resp: 277166
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 45.3 36.4 54.6

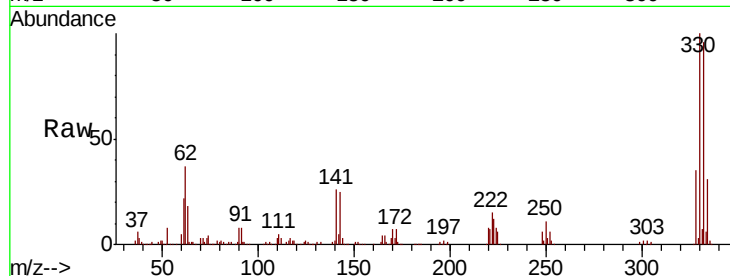




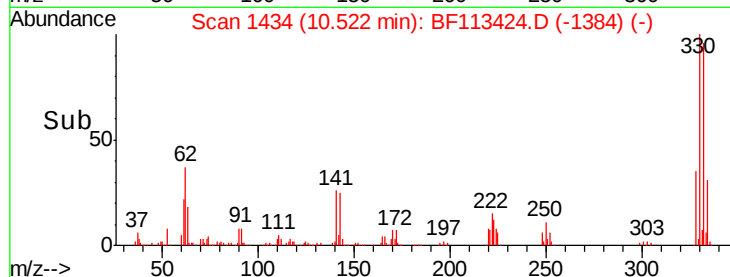
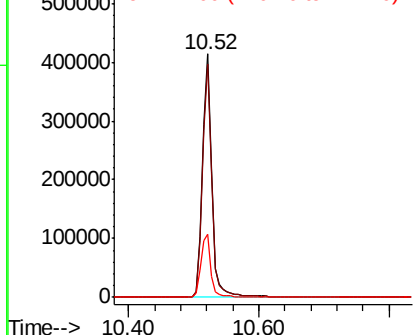
#42
 2,4,6-Tribromophenol
 Concen: 122.041 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Tgt Ion:330 Resp: 417822
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 27.7 22.7 34.1

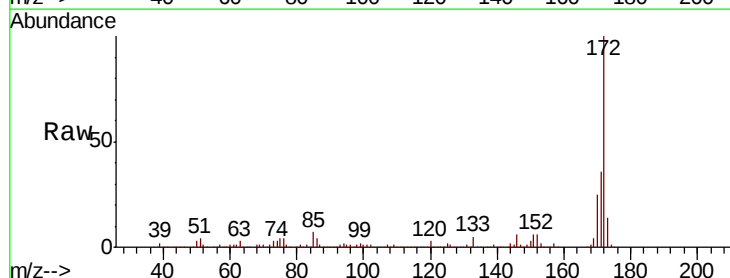


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

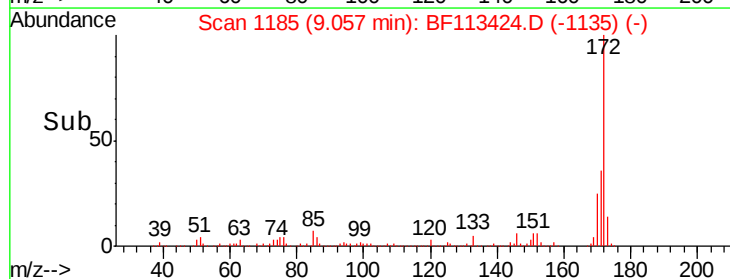
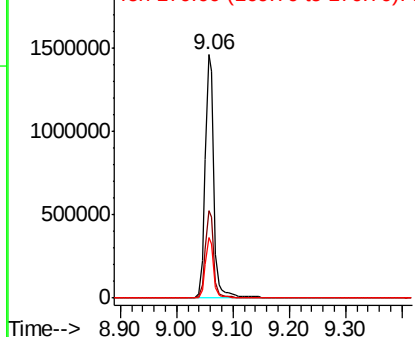


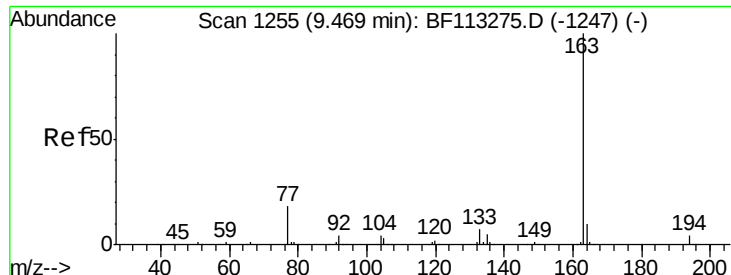
#45
 2-Fluorobiphenyl
 Concen: 91.763 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

Tgt Ion:172 Resp: 1597883
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.7 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

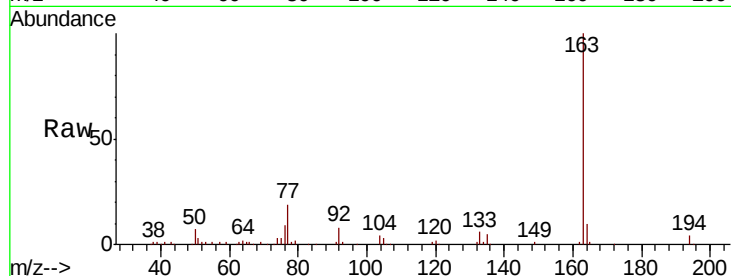




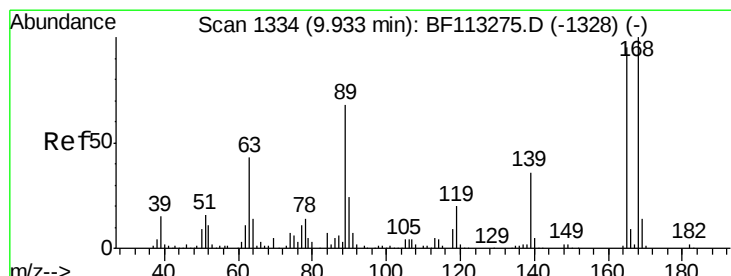
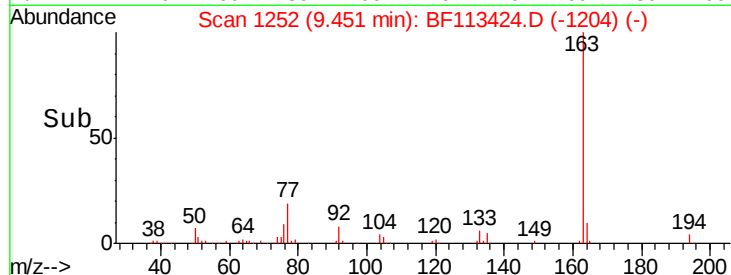
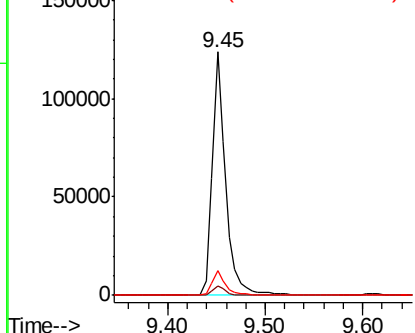
#50
Dimethylphthalate
Concen: 5.743 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Instrument :
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S6A(2-10)COMP

Tgt Ion:163 Resp: 117966
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.1 12.1

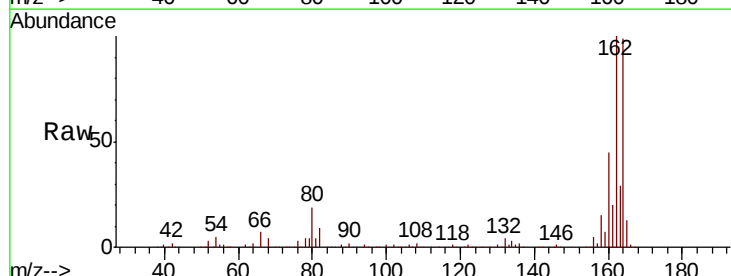


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

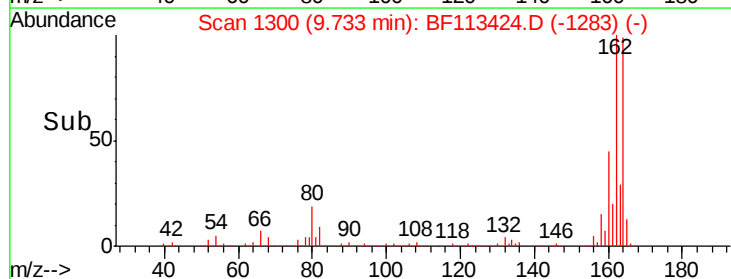
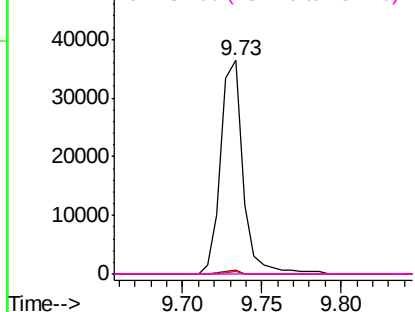


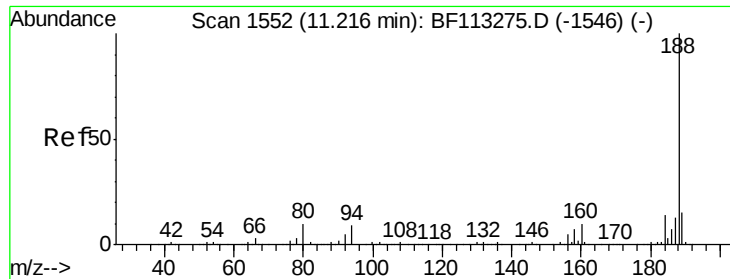
#57
2,4-Dinitrotoluene
Concen: 6.072 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Tgt Ion:165 Resp: 35781
Ion Ratio Lower Upper
165 100
63 1.7 37.5 56.3#
89 1.2 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

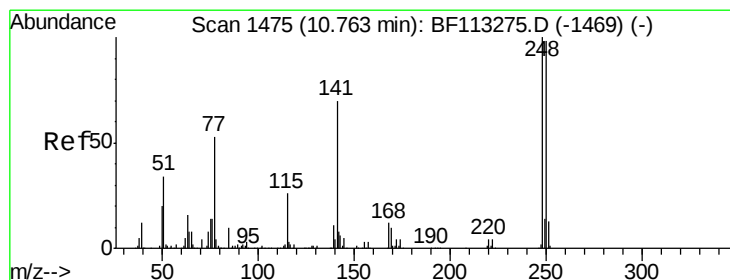
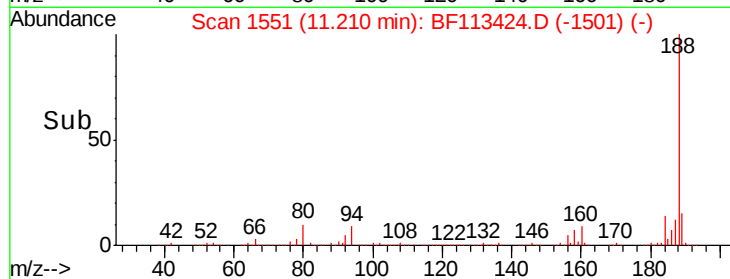
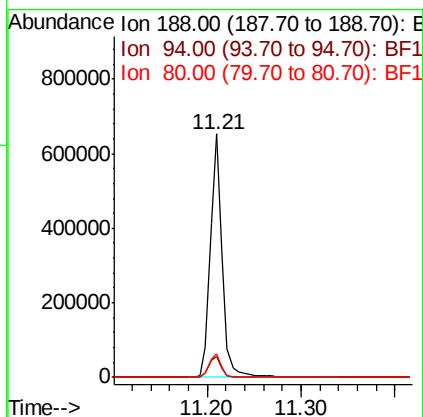
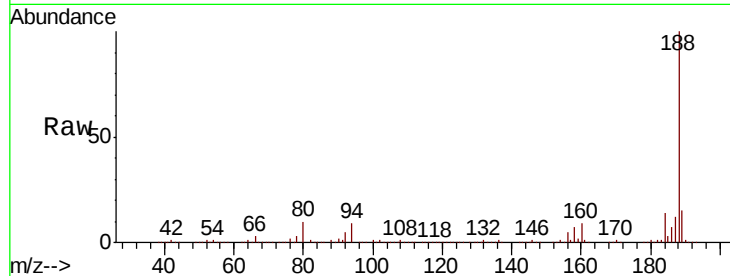




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

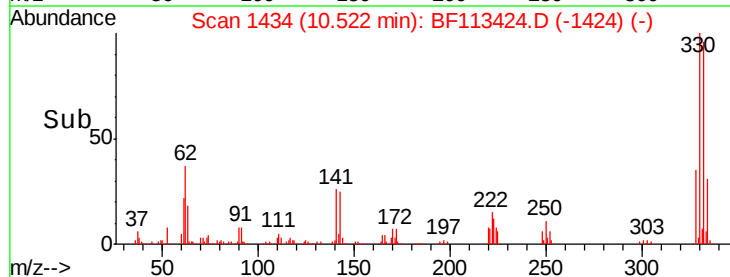
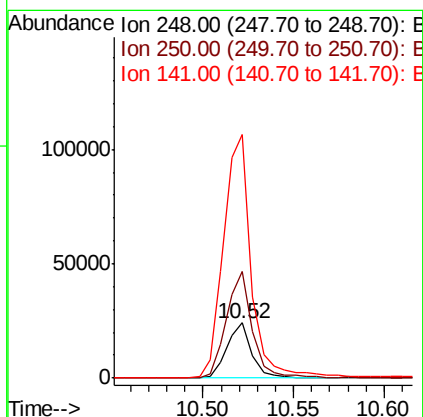
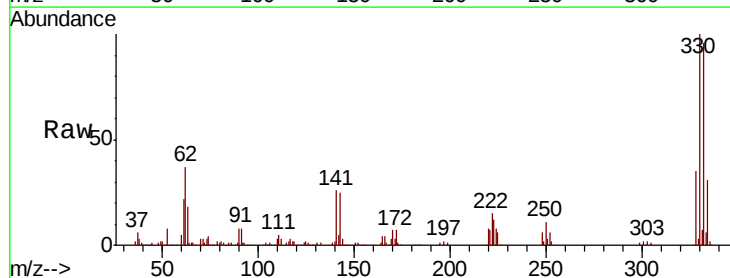
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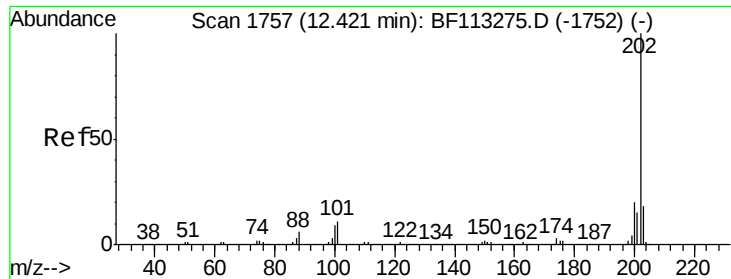
Tgt Ion:188 Resp: 585211
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 9.6 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.630 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

Tgt Ion:248 Resp: 23155
 Ion Ratio Lower Upper
 248 100
 250 192.9 78.3 117.5#
 141 440.1 56.2 84.4#





#75

Fluoranthene

Concen: 2.076 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF113424.D

Acq: 29 Mar 2019 20:22

Instrument :

BNA_F

ClientSampleId :

S6A(2-10)COMP

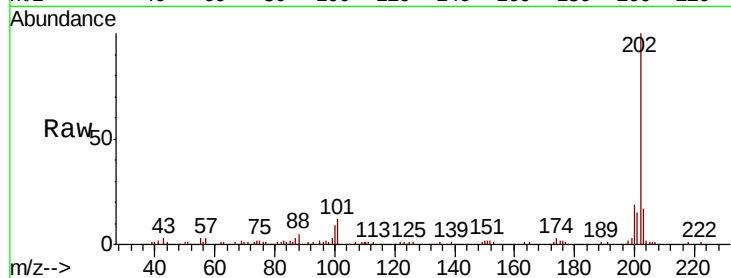
Tgt Ion:202 Resp: 68198

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

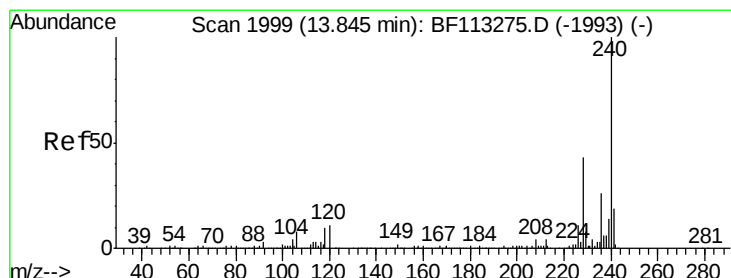
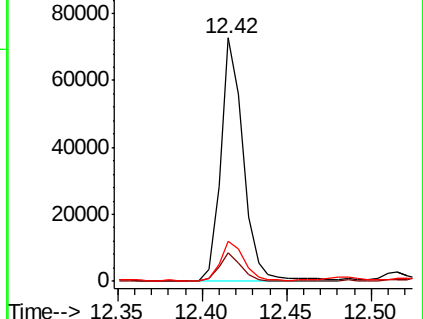
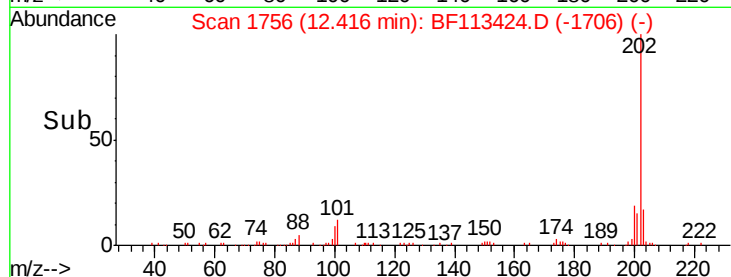
203 16.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113424.D

Acq: 29 Mar 2019 20:22

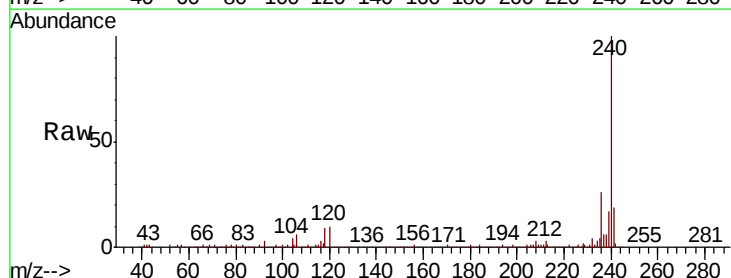
Tgt Ion:240 Resp: 513338

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

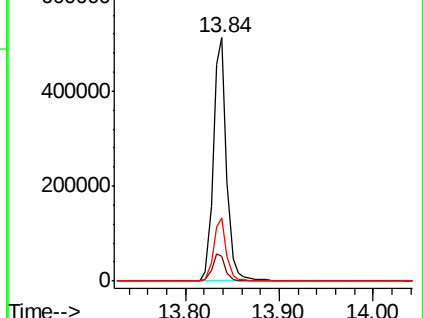
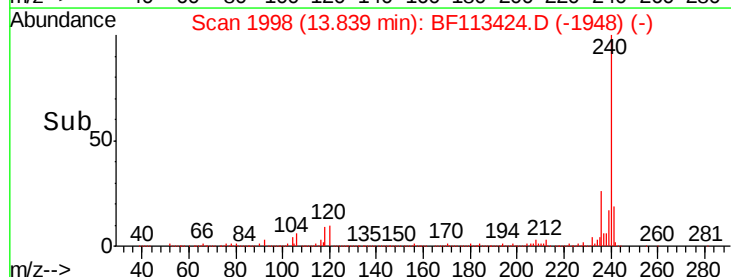
236 25.7 20.9 31.3

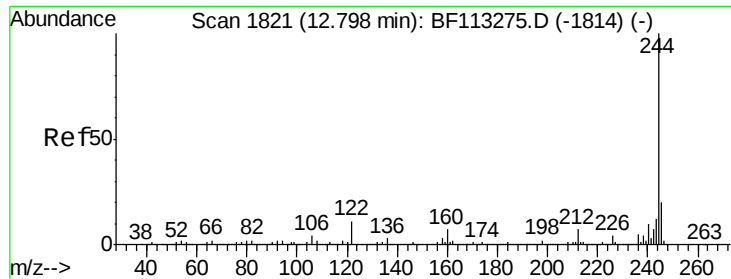


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

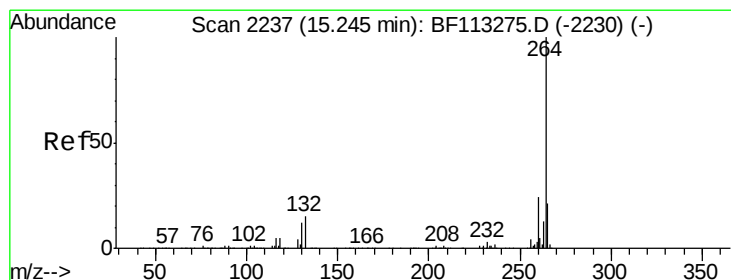
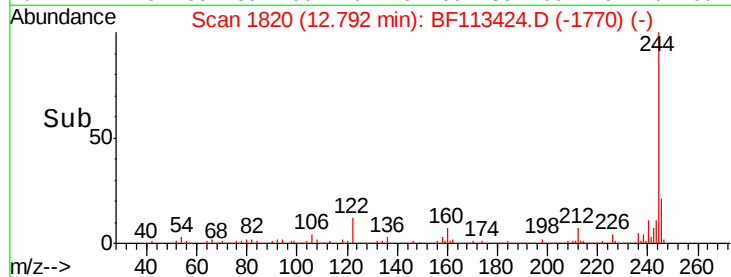
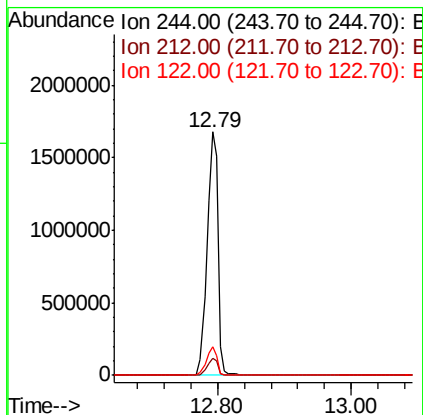
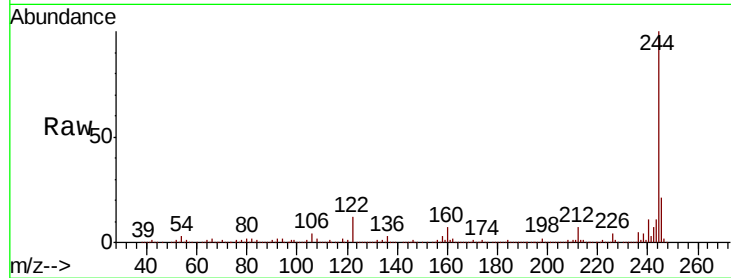




#79
 Terphenyl-d14
 Concen: 81.042 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

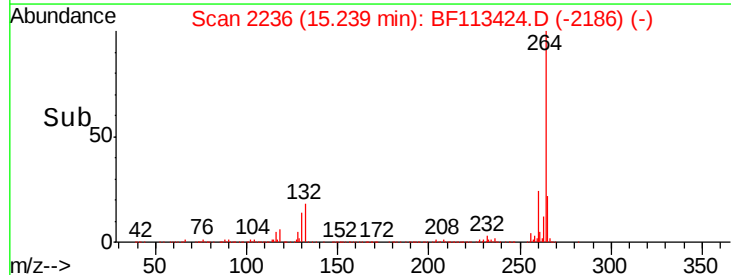
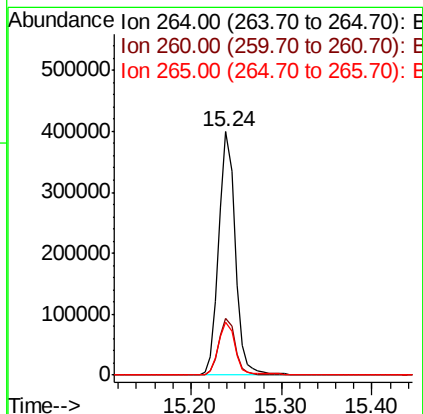
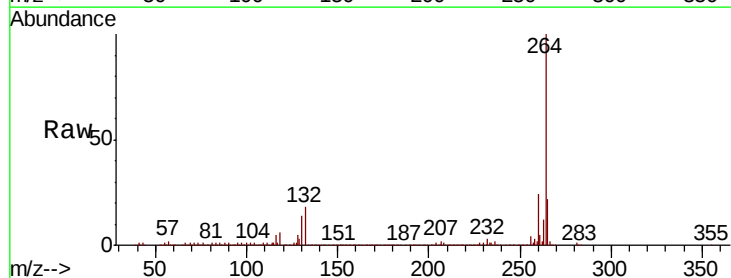
Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

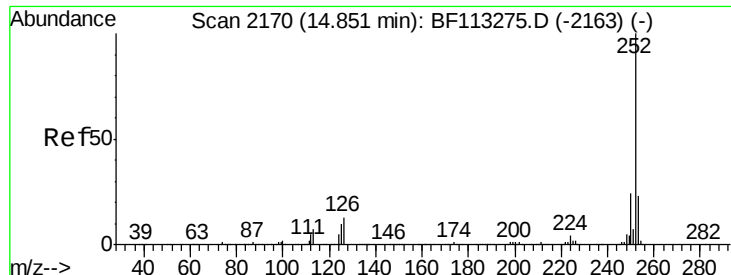
Tgt Ion:244 Resp: 1887429
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.9 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113424.D
 Acq: 29 Mar 2019 20:22

Tgt Ion:264 Resp: 502928
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.9 17.1 25.7

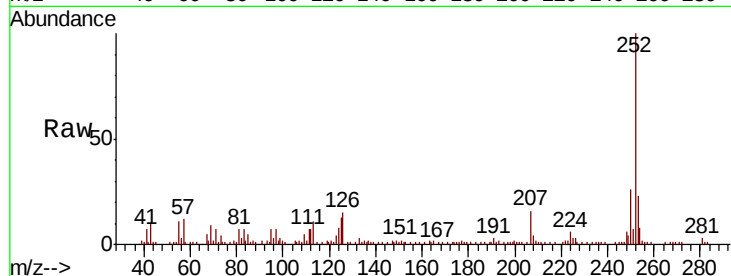




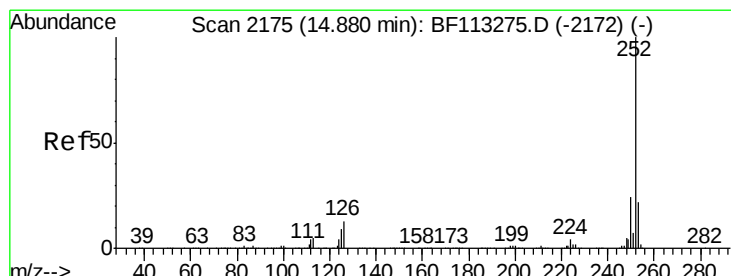
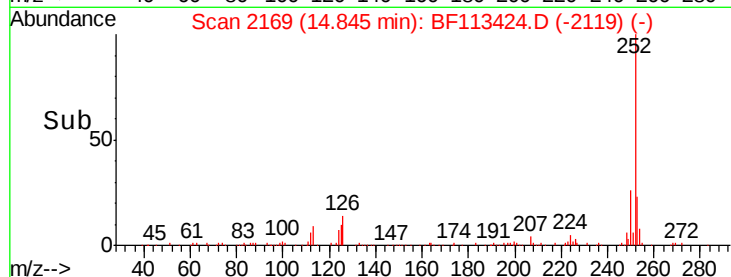
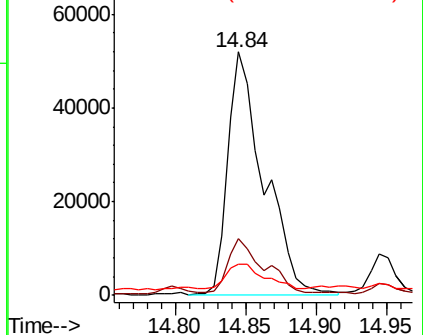
#88
Benzo(b)fluoranthene
Concen: 2.986 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Instrument :
BNA_F
ClientSampleId :
S6A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.0	7.6	11.4

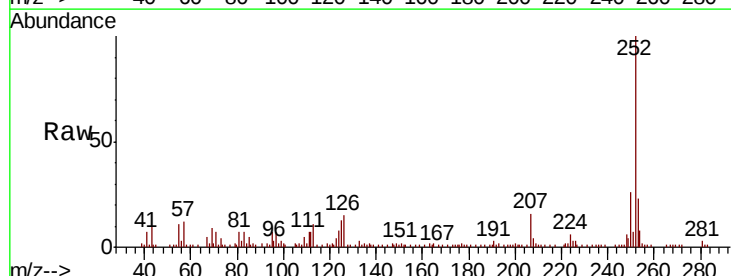


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.400 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113424.D
Acq: 29 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	13.0	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

