

Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Time: Jan 23 06:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

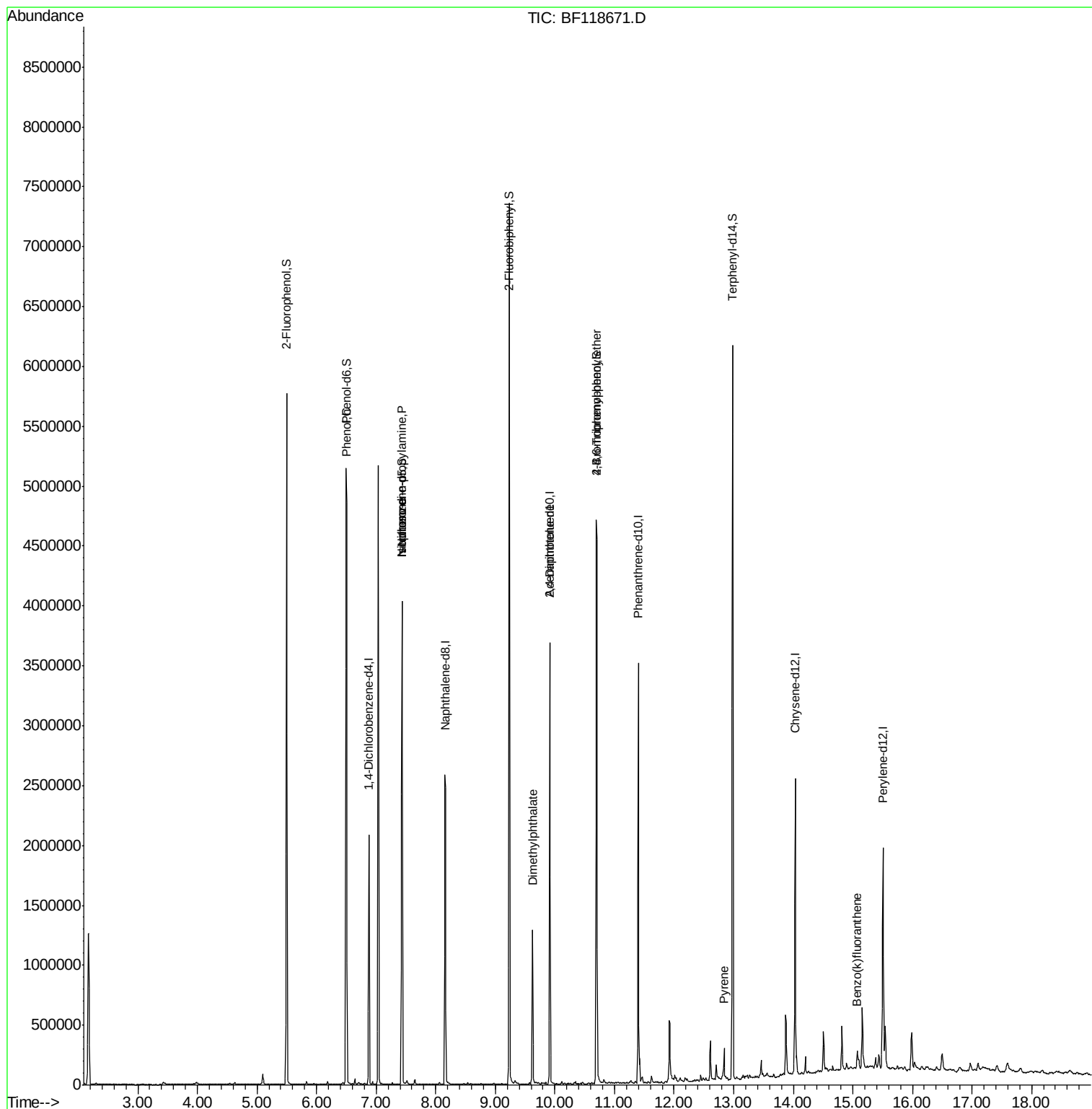
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335419	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1257483	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	704282	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1254938	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	773954	20.00	ng	-0.01
87) Perylene-d12	15.51	264	935551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1639618	90.79	ng	0.00
7) Phenol-d6	6.50	99	2074211	88.36	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1334668	59.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	685855	84.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2369489	55.30	ng	-0.01
79) Terphenyl-d14	12.98	244	2287976	64.48	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	75051	2.806	ng	93
19) n-Nitroso-di-n-propylamine	7.43	70	182717	11.528	ng	# 76
25) Isophorone	7.43	82	1332570	32.497	ng	# 64
50) Dimethylphthalate	9.63	163	564897	12.311	ng	97
57) 2,4-Dinitrotoluene	9.92	165	90614	6.996	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	43876	2.830	ng	# 1
78) Pyrene	12.84	202	106905	2.035	ng	# 89
89) Benzo(k)fluoranthene	15.07	252	113854	2.090	ng	97

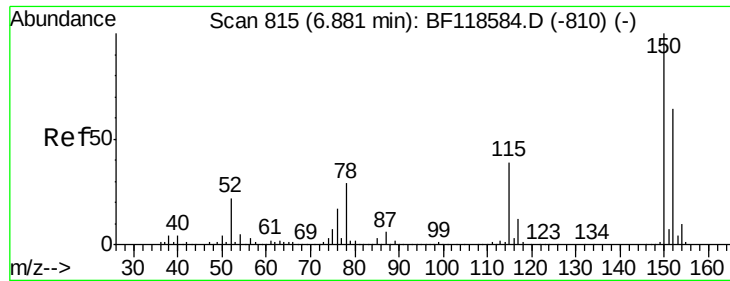
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF118671.D
Acq On : 22 Jan 2020 19:13
Operator : CG/JU
Sample : L1216-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Time: Jan 23 06:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



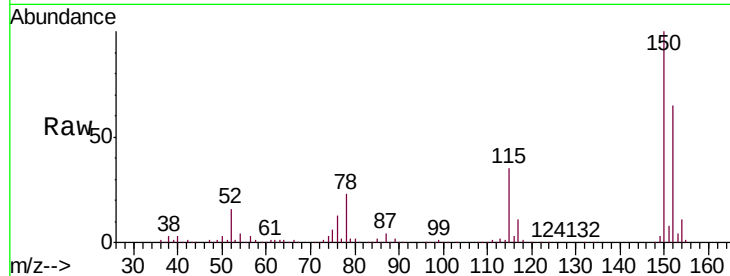


#1

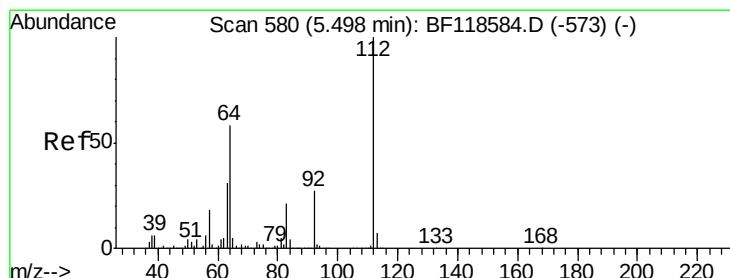
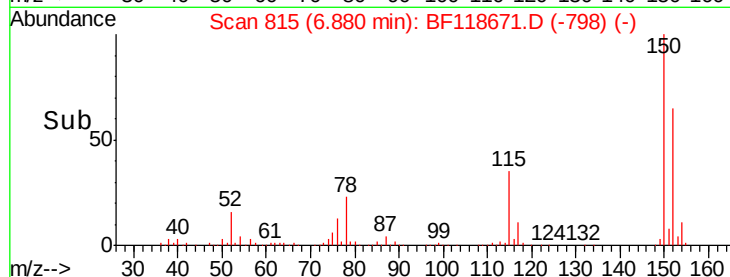
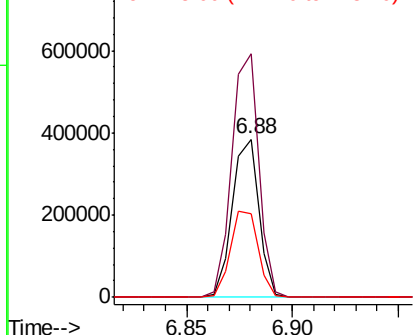
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 335419
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 53.1 48.4 72.6



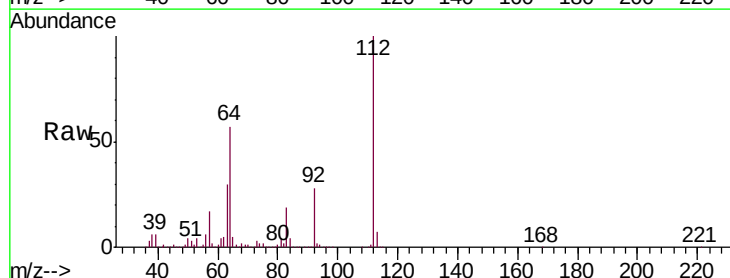
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



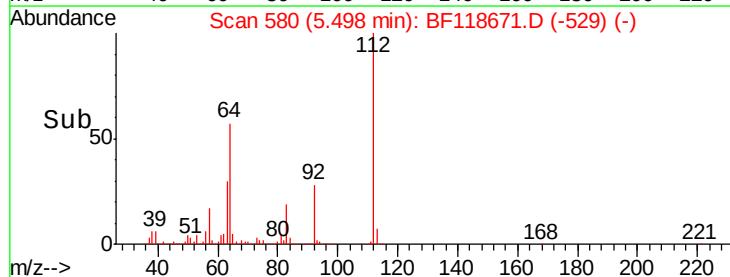
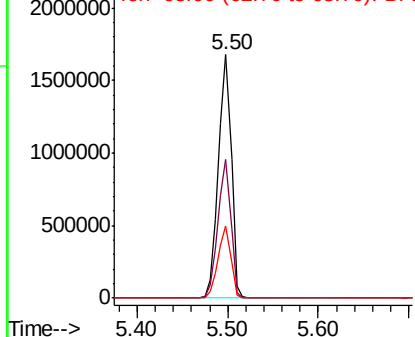
#5

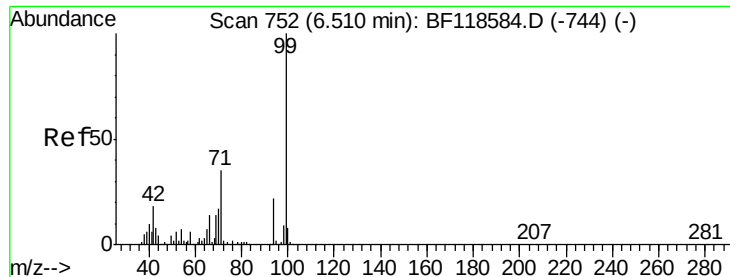
2-Fluorophenol
Concen: 90.788 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:112 Resp: 1639618
Ion Ratio Lower Upper
112 100
64 57.2 46.6 70.0
63 29.8 25.1 37.7



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: 88.365 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

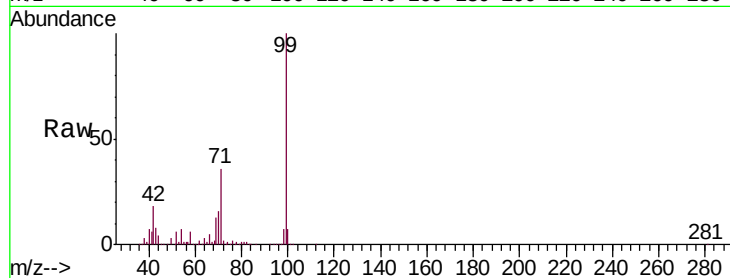
BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion: 99 Resp: 2074211

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.2	21.2
71	35.7	27.8	41.6

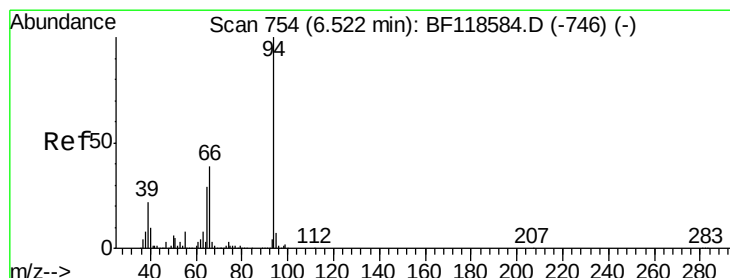
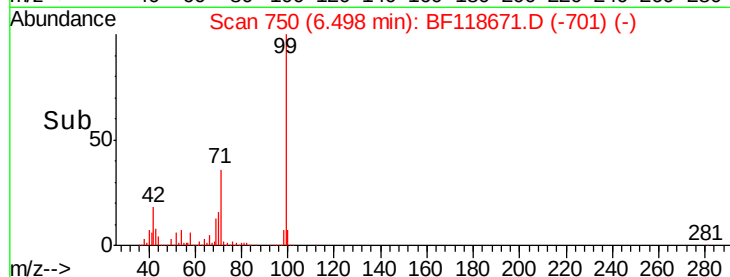
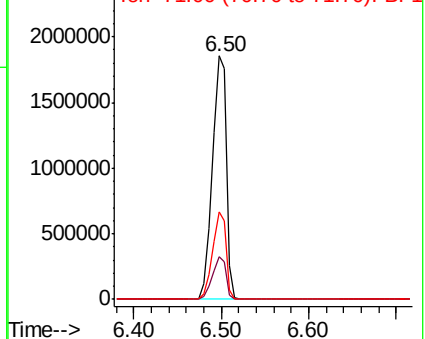


Abundance

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: 2.806 ng

RT: 6.51 min Scan# 752

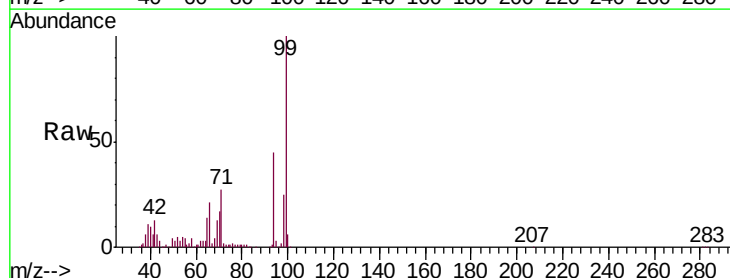
Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Tgt Ion: 94 Resp: 75051

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.5	49.5
66	45.4	18.5	58.5

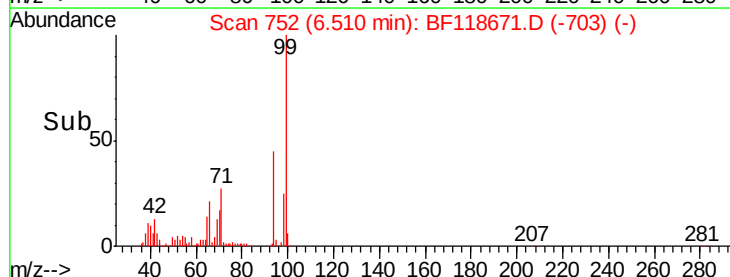
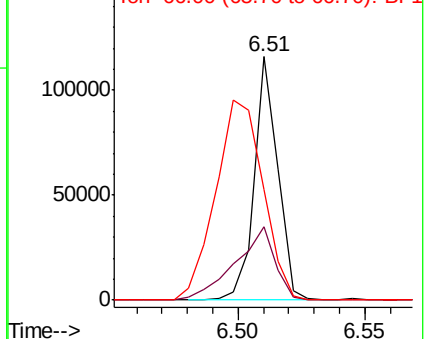


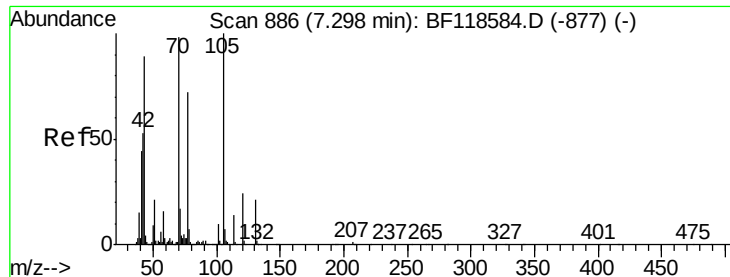
Abundance

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

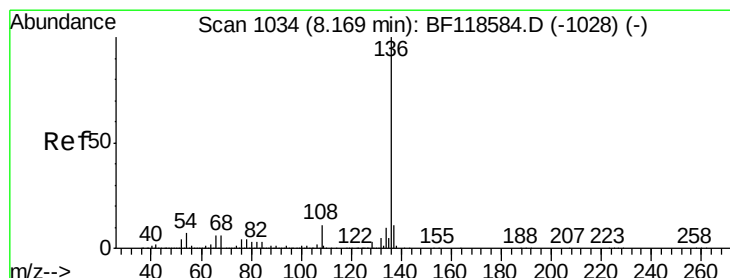
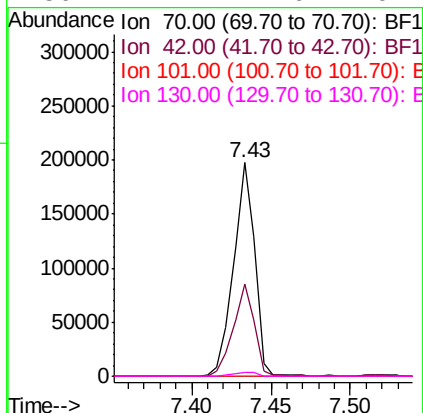
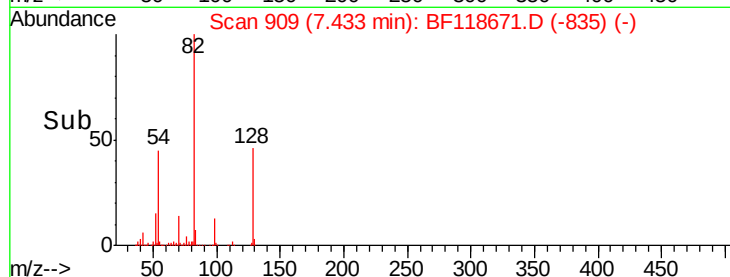
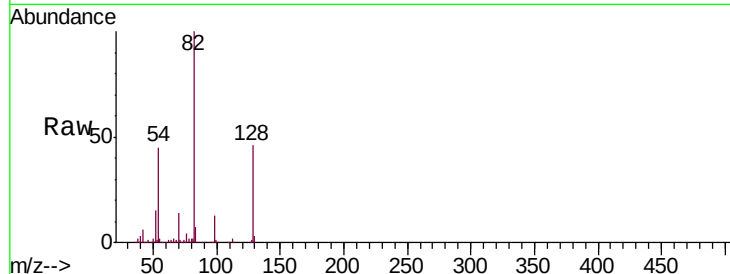




#19
n-Nitroso-di-n-propylamine
Concen: 11.528 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

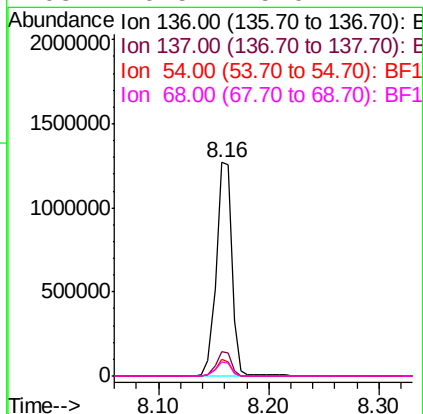
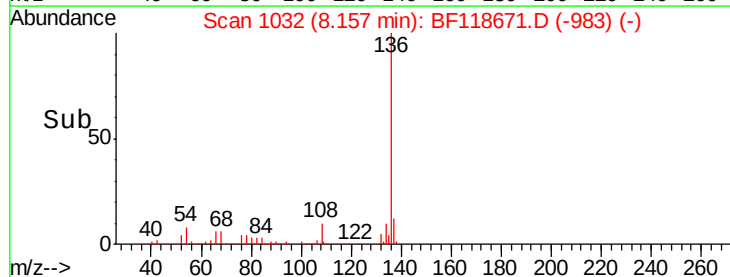
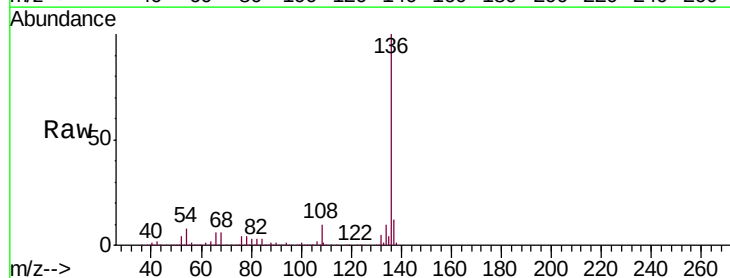
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

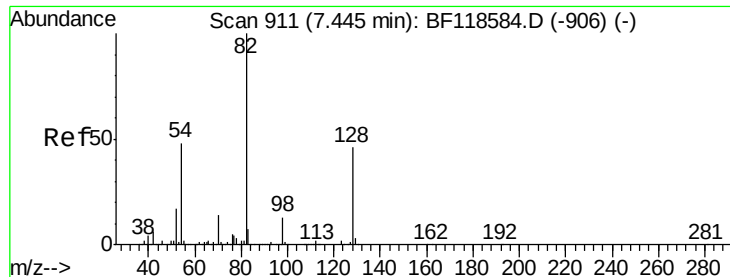
Tgt Ion:	70	Resp:	182717
Ion	Ratio	Lower	Upper
70	100		
42	42.9	43.4	65.0#
101	0.0	8.1	12.1#
130	2.1	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:	136	Resp:	1257483
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.5	5.8	8.6
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 59.367 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

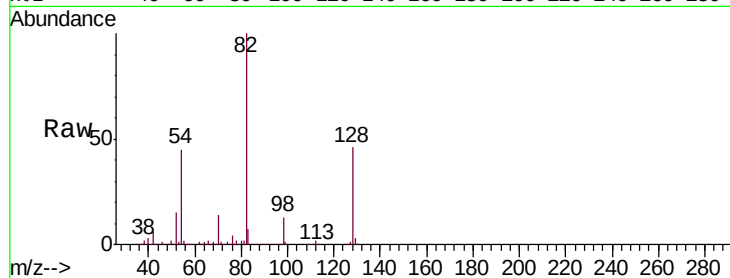
Tgt Ion: 82 Resp: 1334668

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

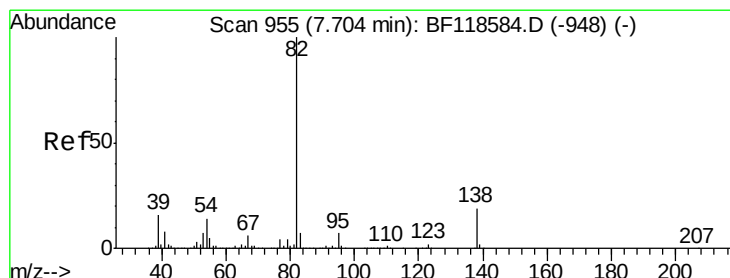
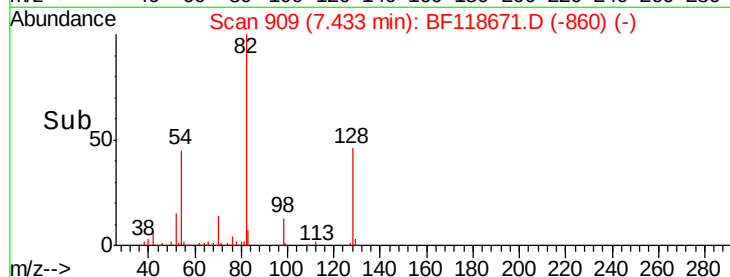
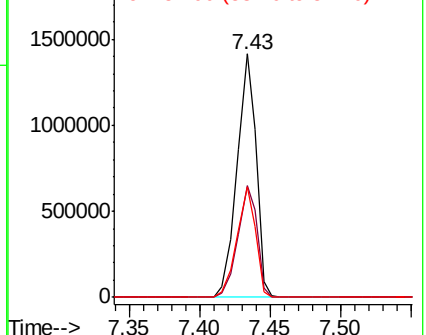
54 45.2 38.0 57.0



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: 32.497 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

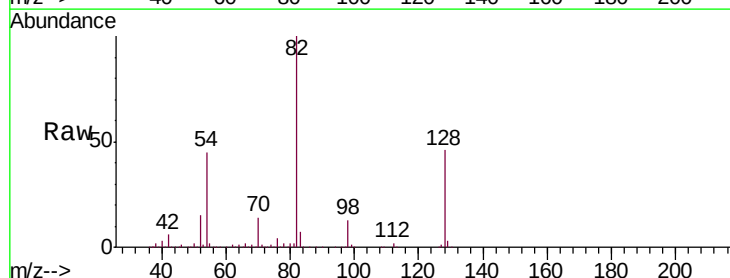
Tgt Ion: 82 Resp: 1332570

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

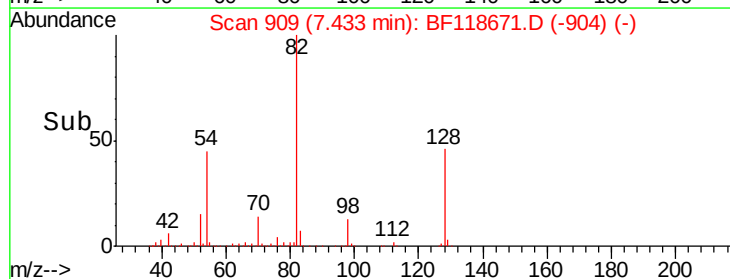
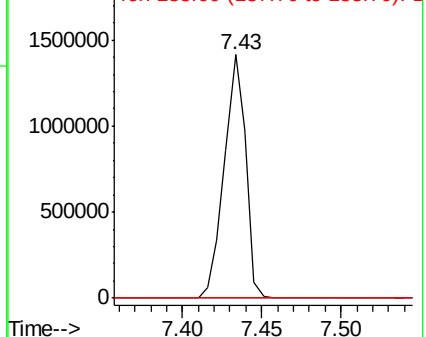
138 0.0 15.3 22.9#

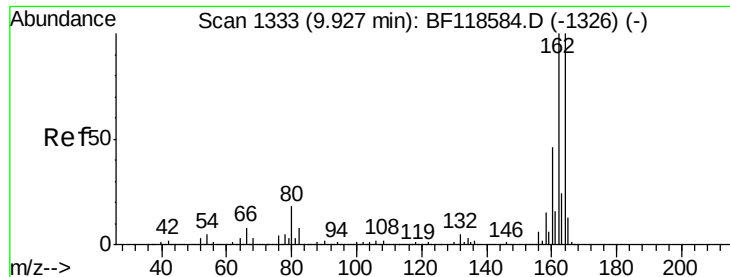


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

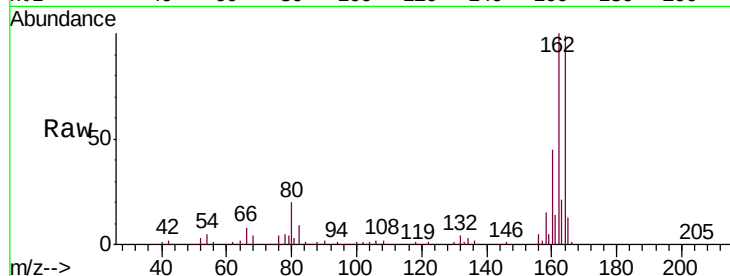




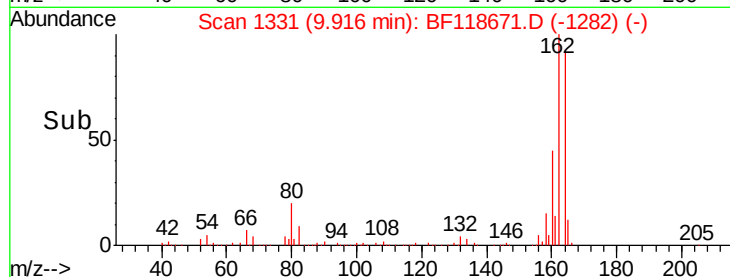
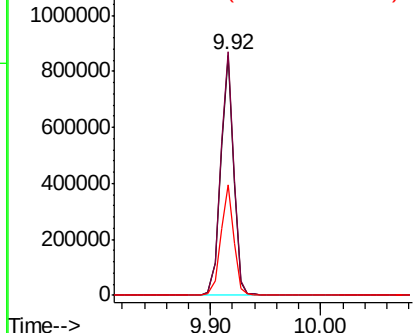
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:164 Resp: 704282
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.4 120.6
 160 45.9 36.6 55.0

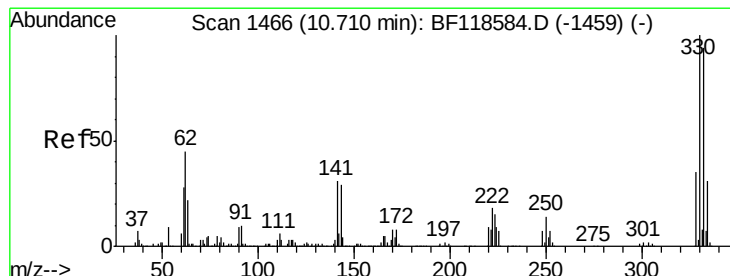


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

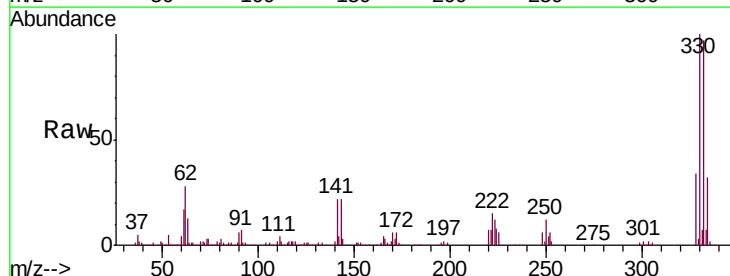
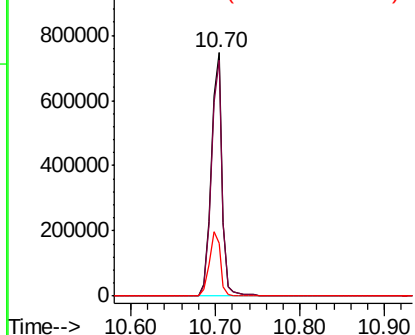


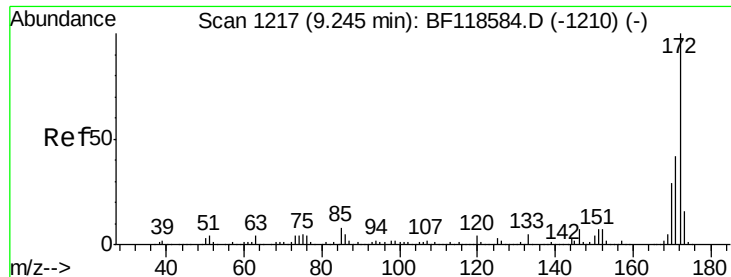
#42
 2,4,6-Tribromophenol
 Concen: 84.196 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Tgt Ion:330 Resp: 685855
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 27.3 23.9 35.9



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

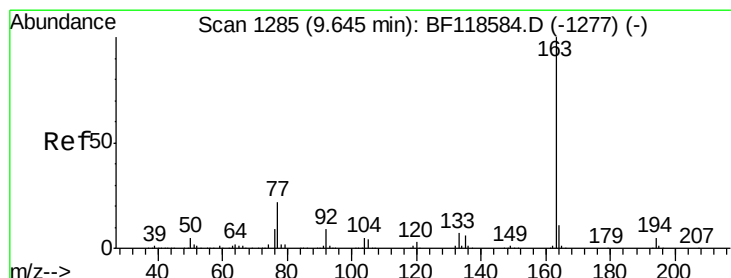
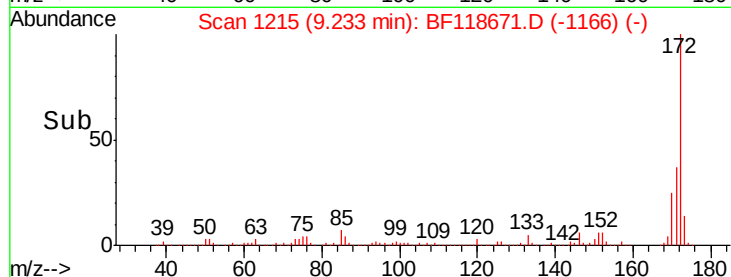
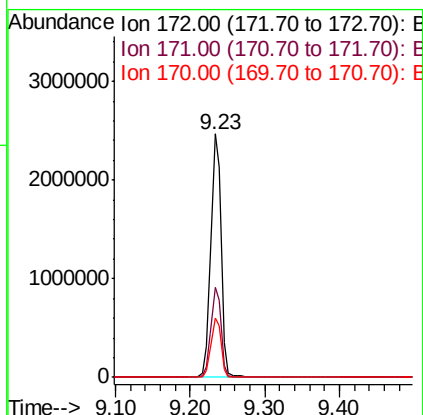
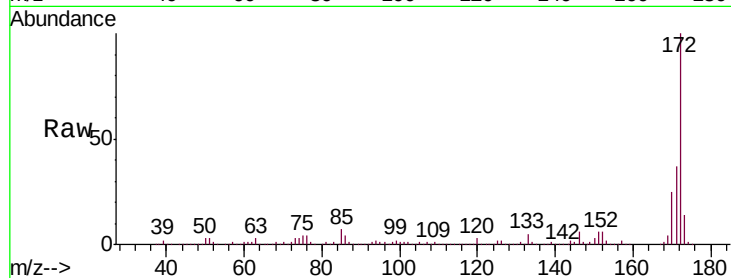




#45
 2-Fluorobiphenyl
 Concen: 55.298 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

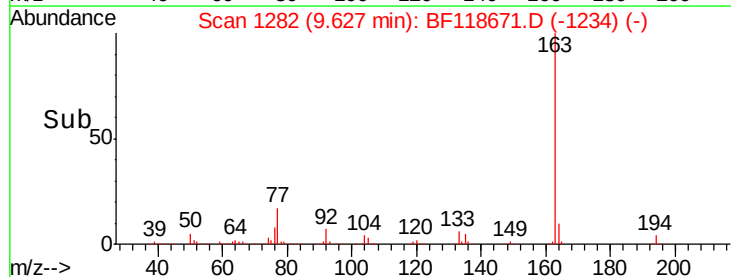
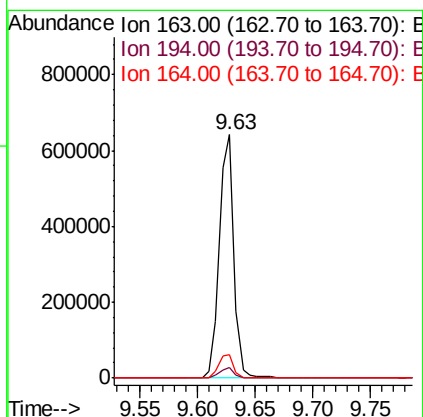
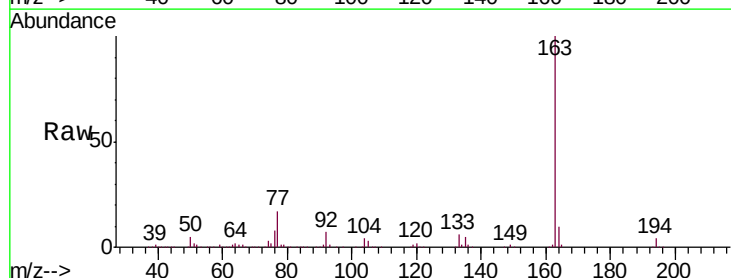
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

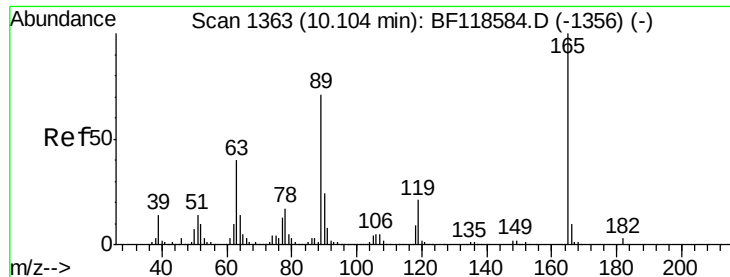
Tgt Ion:172 Resp: 2369489
 Ion Ratio Lower Upper
 172 100
 171 37.0 33.4 50.2
 170 24.6 23.2 34.8



#50
 Dimethylphthalate
 Concen: 12.311 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Tgt Ion:163 Resp: 564897
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 9.8 9.1 13.7





#57

2,4-Dinitrotoluene

Concen: 6.996 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion:165 Resp: 90614

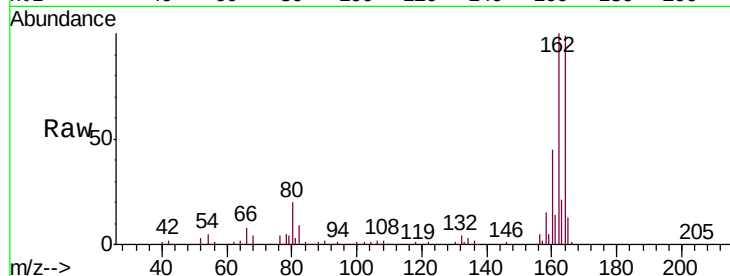
Ion Ratio Lower Upper

165 100

63 1.1 32.4 48.6#

89 1.5 56.4 84.6#

182 0.0 2.3 3.5#

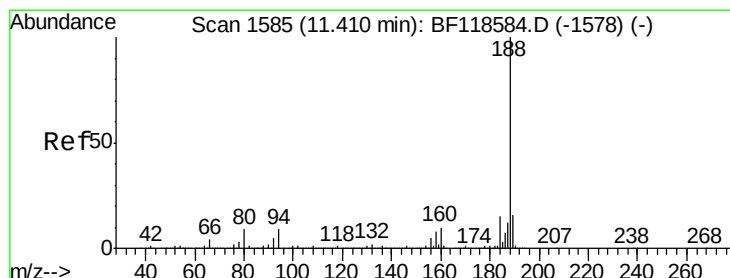
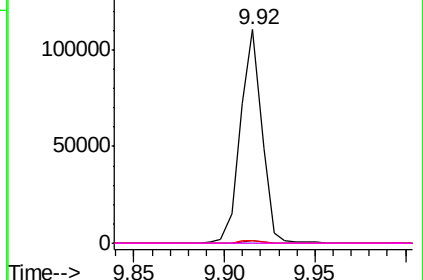
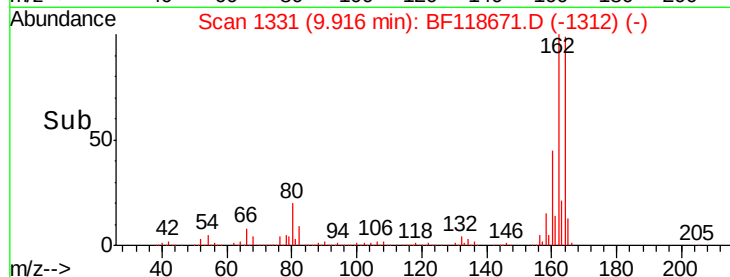


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

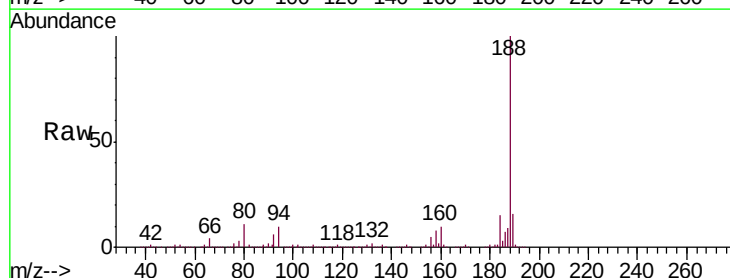
Tgt Ion:188 Resp: 1254938

Ion Ratio Lower Upper

188 100

94 10.0 7.1 10.7

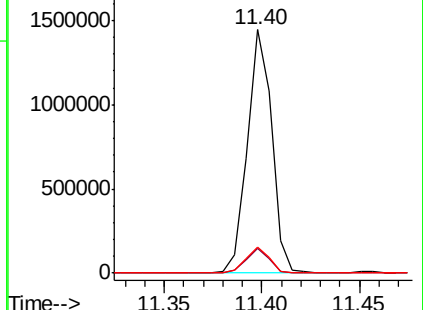
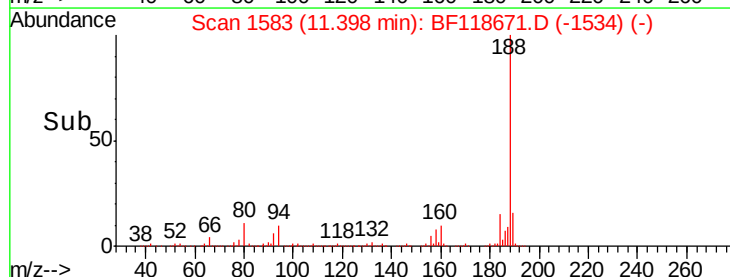
80 10.6 7.5 11.3

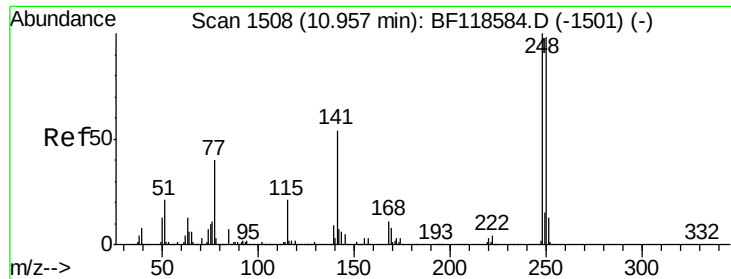


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

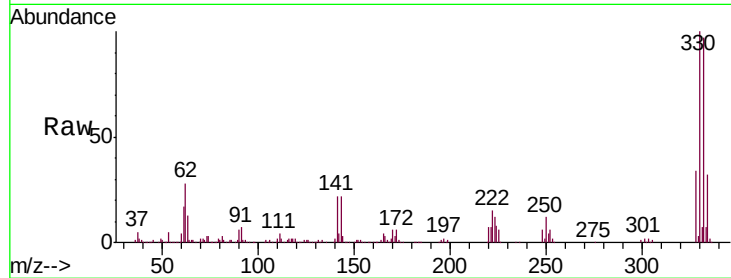




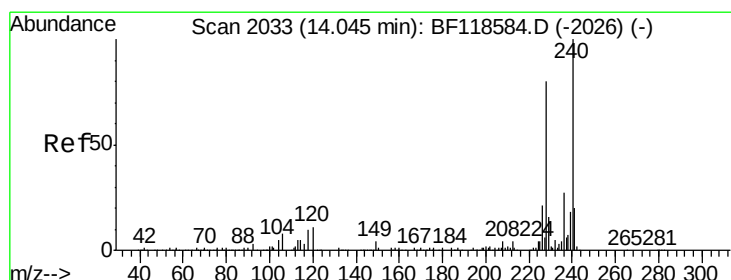
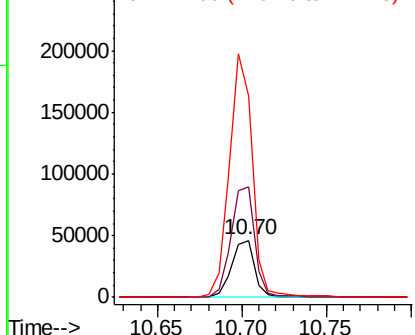
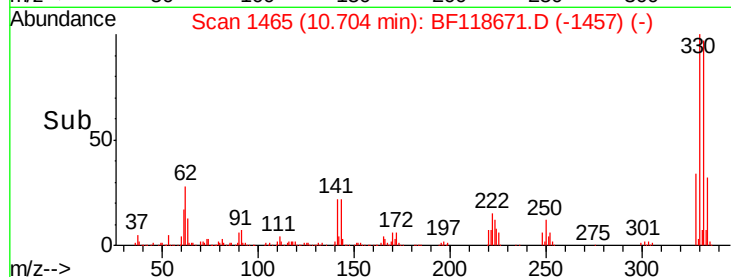
#67
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:248 Resp: 43876
Ion Ratio Lower Upper
248 100
250 192.9 78.7 118.1#
141 352.2 43.2 64.8#

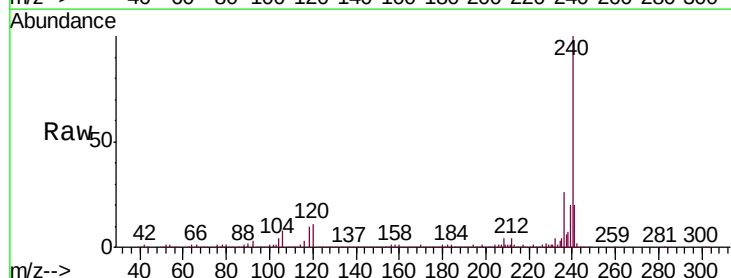


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

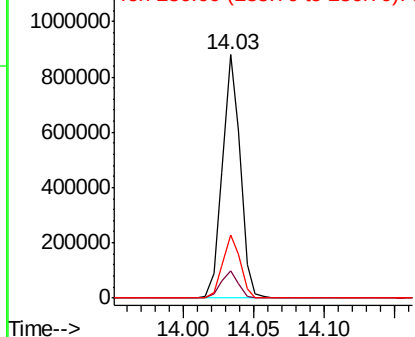
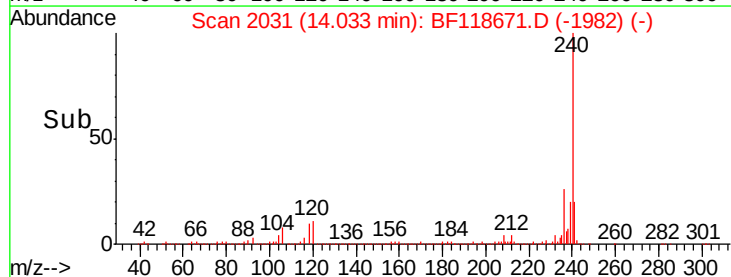


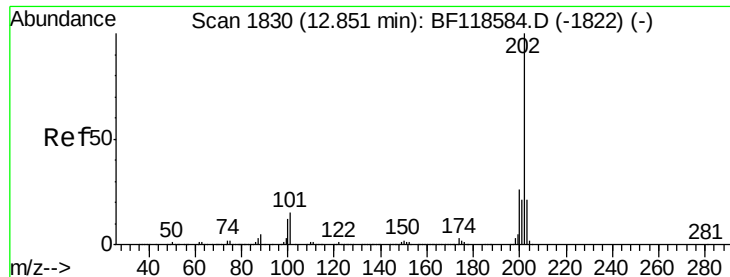
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:240 Resp: 773954
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 21.5 32.3



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

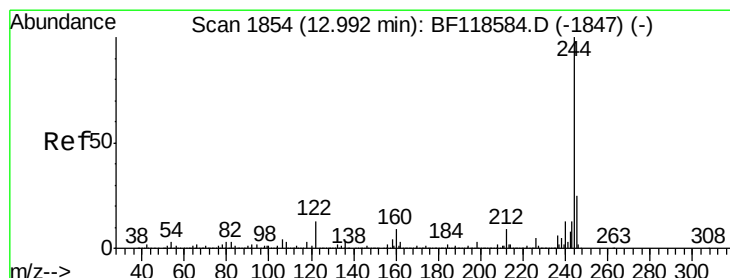
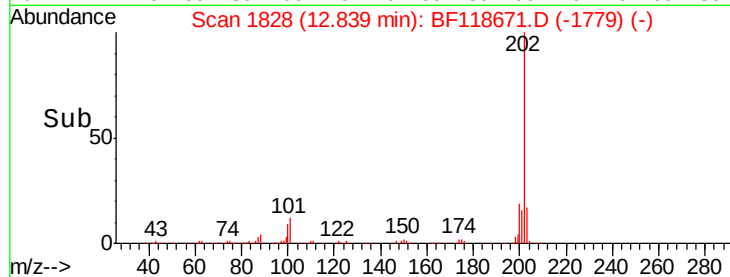
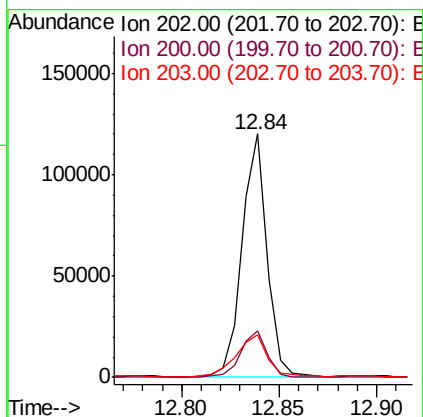
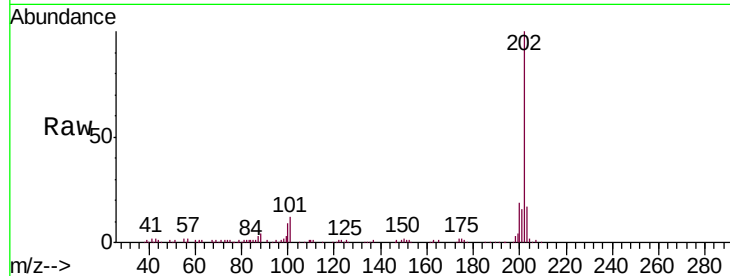




#78
 Pyrene
 Concen: 2.035 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

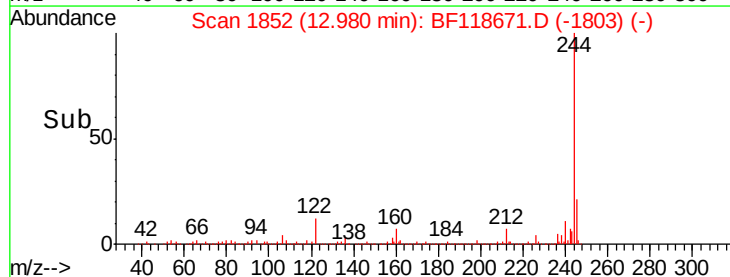
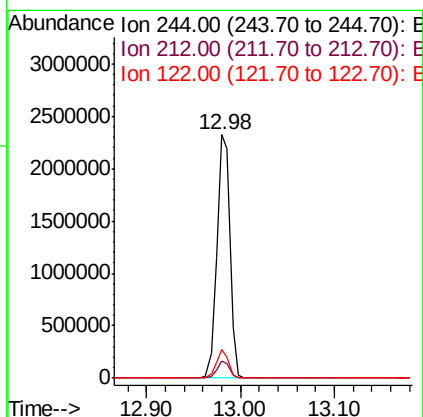
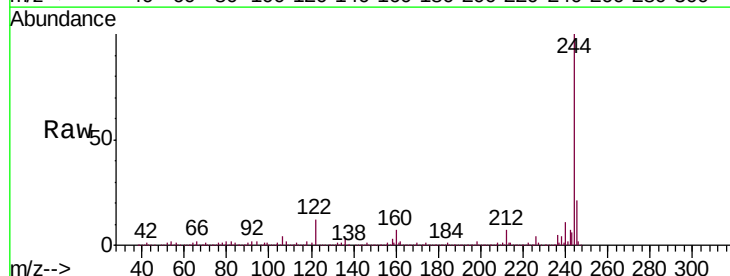
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

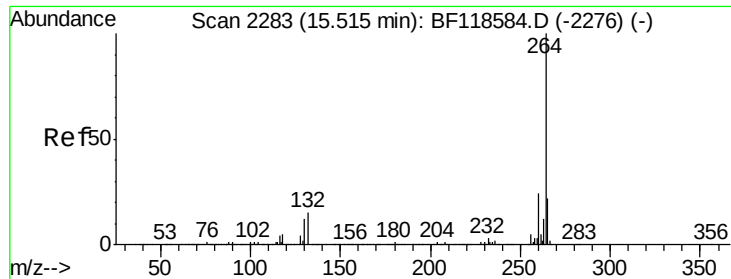
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	20.6	31.0#
203	17.3	16.8	25.2



#79
 Terphenyl-d14
 Concen: 64.478 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.0	10.4#
122	11.5	10.7	16.1

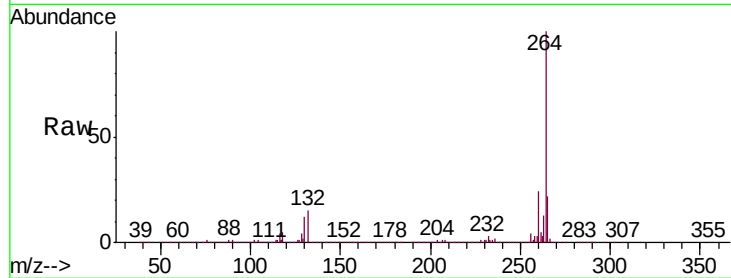




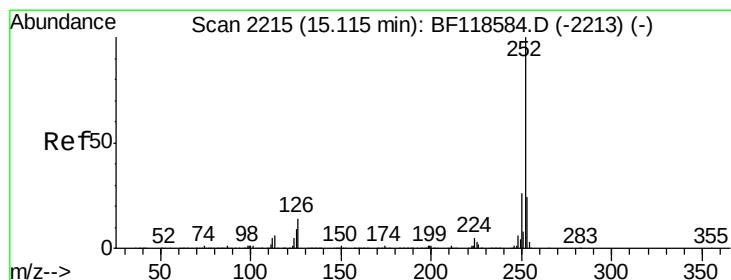
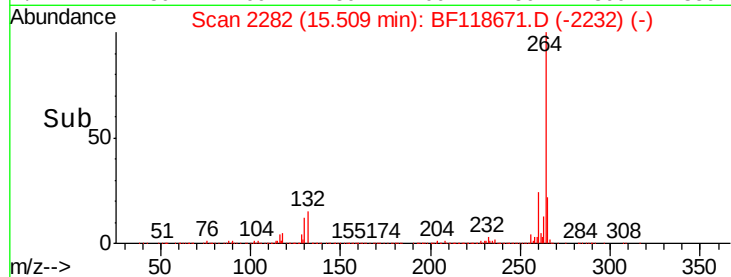
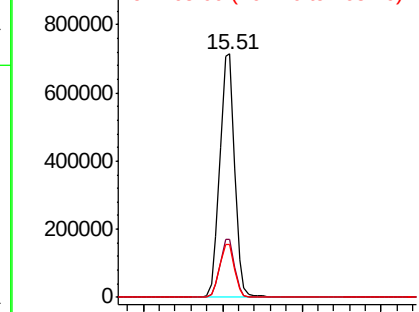
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:264 Resp: 935551
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.9 17.7 26.5

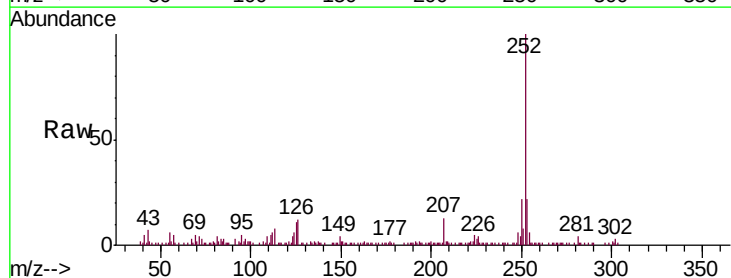


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(k)fluoranthene
Concen: 2.090 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:252 Resp: 113854
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.4
125 11.2 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

