

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119460.D
 Acq On : 20 Mar 2020 1:46
 Operator : CG/JU
 Sample : L1913-14 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B4

Quant Time: Mar 20 03:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	339342	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1272720	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	585098	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	912356	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	644281	20.00	ng	-0.01
87) Perylene-d12	15.49	264	619396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	827188	38.80	ng	0.00
7) Phenol-d6	6.46	99	1024925	37.64	ng	-0.01
23) Nitrobenzene-d5	7.40	82	605478	25.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	182605	30.25	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	1123945	28.46	ng	-0.01
79) Terphenyl-d14	12.97	244	885953	26.94	ng	-0.01

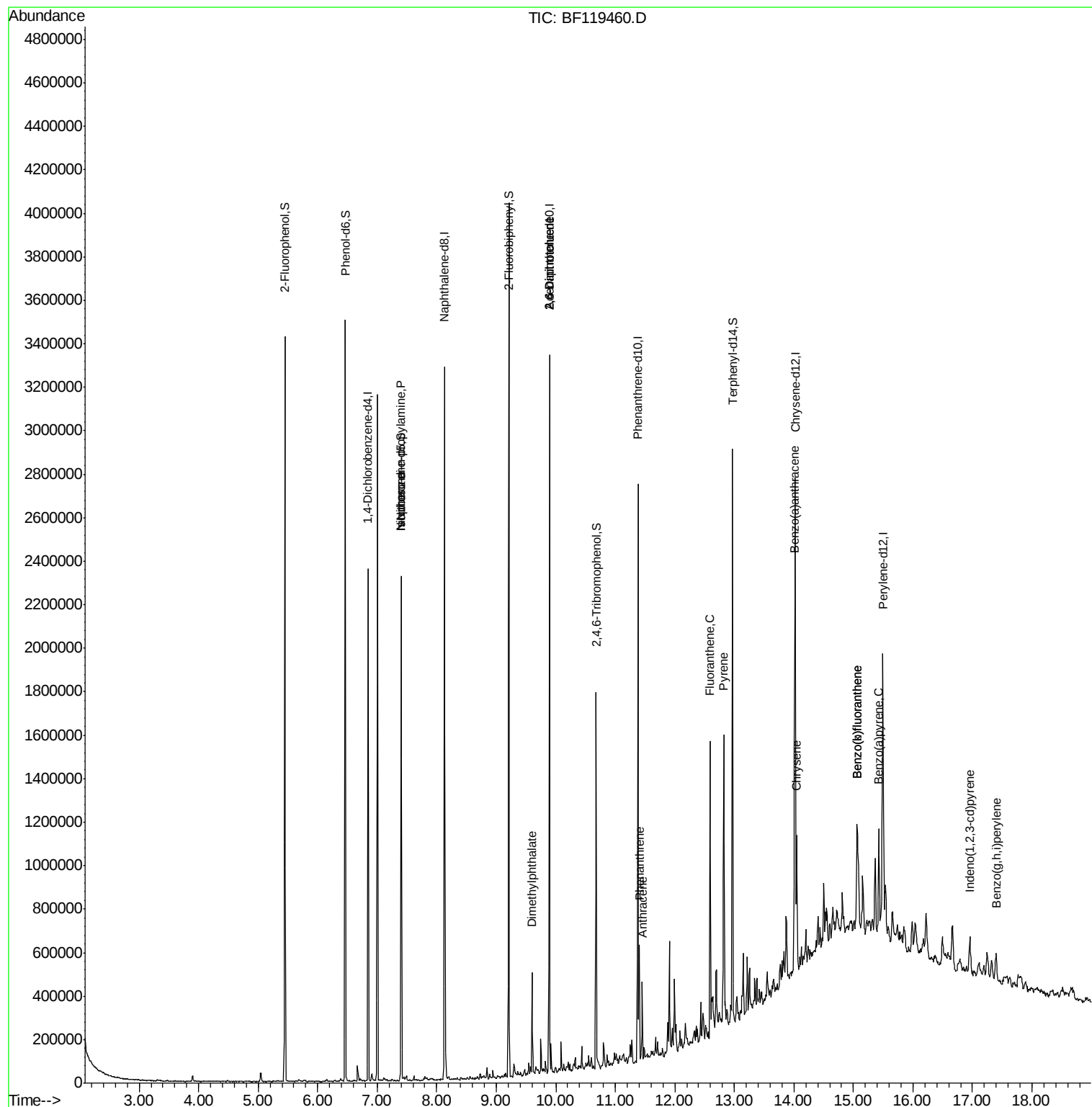
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	79269	4.83	ng	# 76
25) Isophorone	7.40	82	605470	12.75	ng	# 66
50) Dimethylphthalate	9.60	163	151032	3.63	ng	99
51) 2,6-Dinitrotoluene	9.89	165	79201	8.89	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	79201	7.06	ng	# 25
71) Phenanthrene	11.40	178	190770	4.03	ng	96
72) Anthracene	11.45	178	124093	2.58	ng	98
75) Fluoranthene	12.59	202	504625	9.86	ng	98
78) Pyrene	12.82	202	517292	9.78	ng	98
81) Benzo(a)anthracene	14.01	228	277153	6.62	ng	95
83) Chrysene	14.04	228	240425	5.56	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	110322	2.71	ng	98
88) Benzo(b)fluoranthene	15.06	252	392011	9.47	ng	98
89) Benzo(k)fluoranthene	15.06	252	392011	9.95	ng	98
90) Benzo(a)pyrene	15.43	252	224693	5.98	ng	98
92) Benzo(g,h,i)perylene	17.40	276	107821	3.26	ng	96

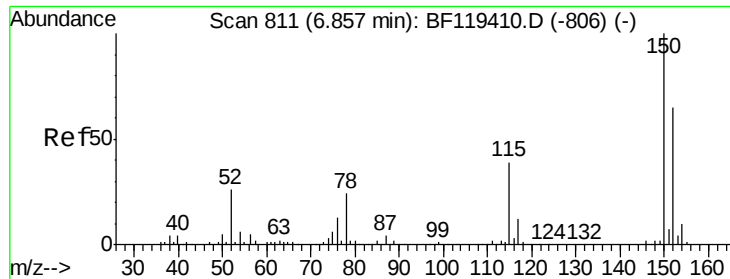
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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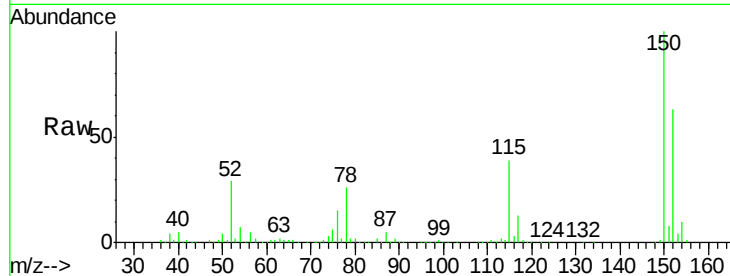




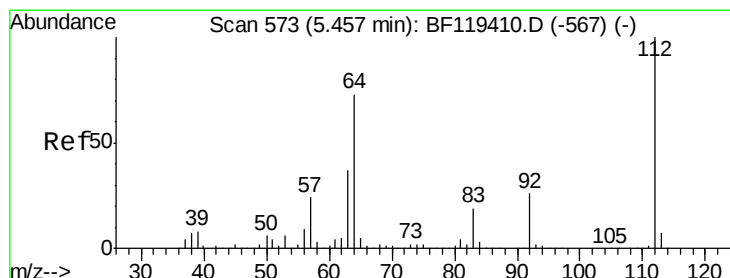
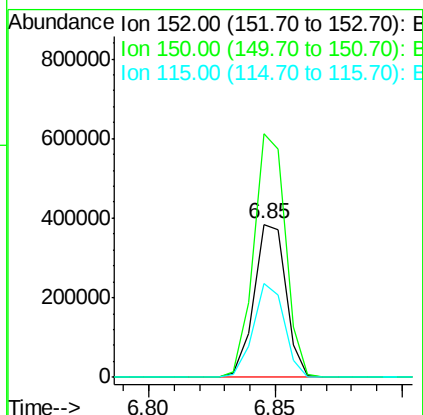
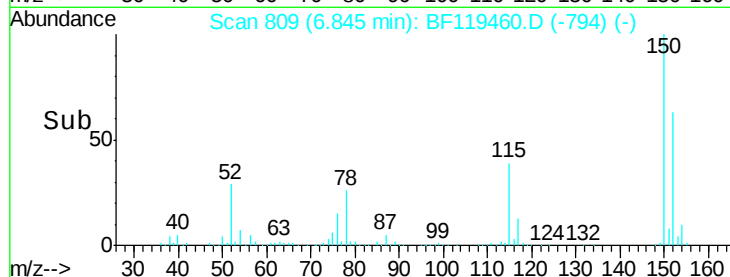
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B4

Tgt Ion:152 Resp: 339342
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.9 185.9
 115 61.6 47.8 71.6

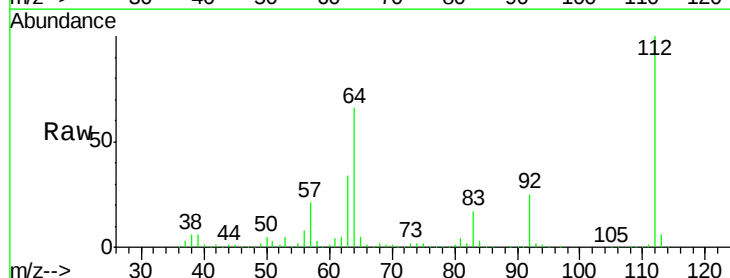


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

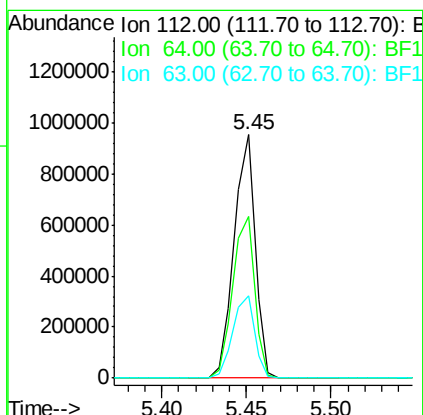
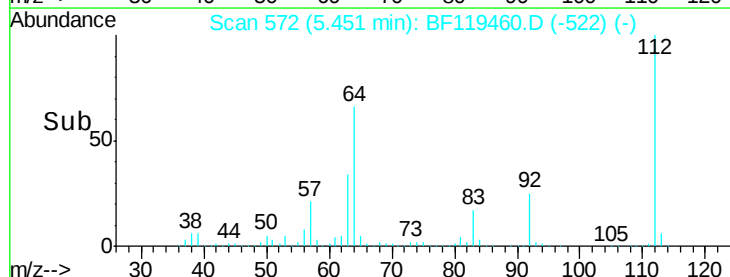


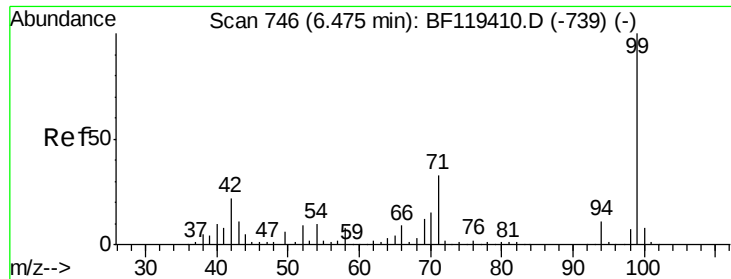
#5
 2-Fluorophenol
 Concen: 38.80 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Tgt Ion:112 Resp: 827188
 Ion Ratio Lower Upper
 112 100
 64 66.3 58.1 87.1
 63 33.6 29.7 44.5



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: 37.64 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119460.D

Acq: 20 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B4

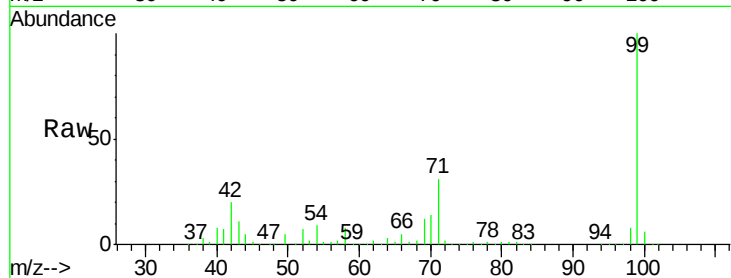
Tgt Ion: 99 Resp: 1024925

Ion Ratio Lower Upper

99 100

42 20.2 17.8 26.6

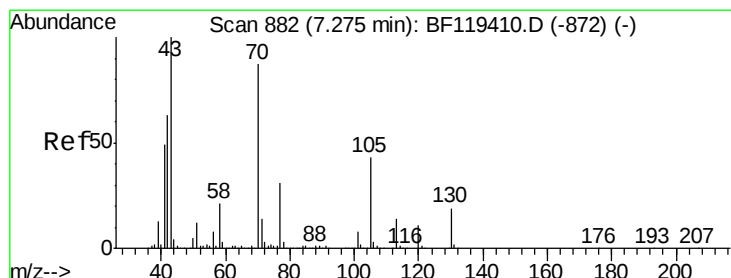
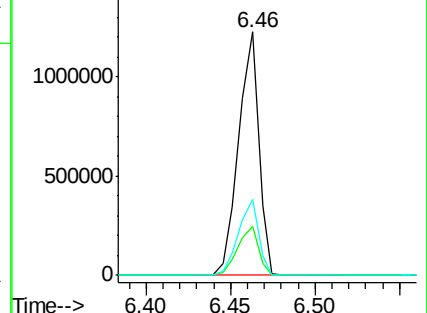
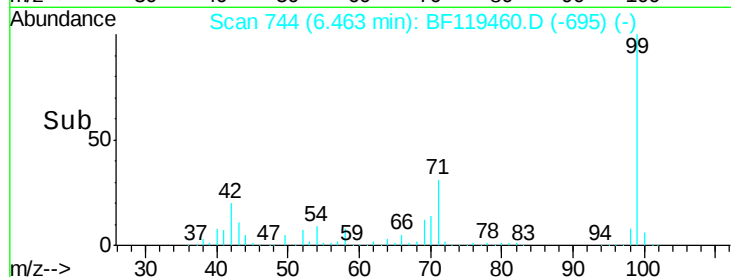
71 31.4 26.0 39.0



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: 4.83 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119460.D

Acq: 20 Mar 2020 1:46

Tgt Ion: 70 Resp: 79269

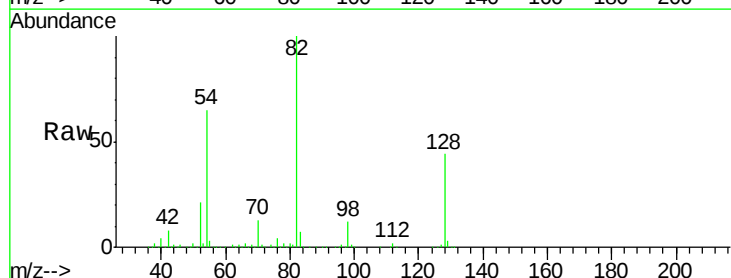
Ion Ratio Lower Upper

70 100

42 57.2 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#

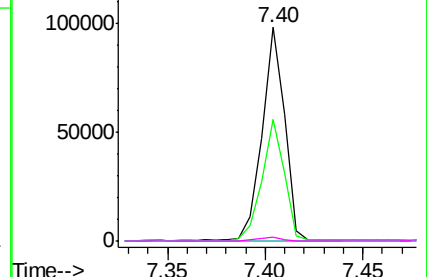
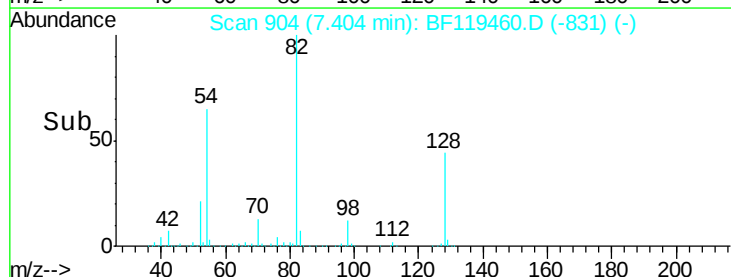


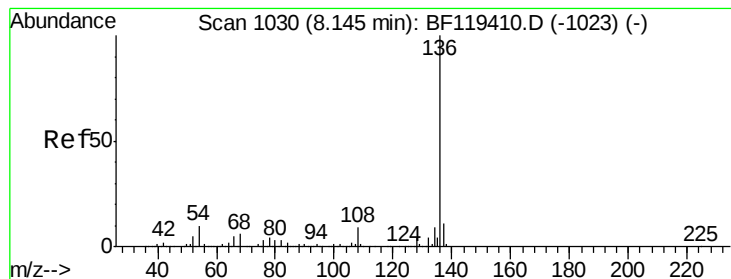
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119460.D

Acq: 20 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B4

Tgt Ion:136 Resp: 1272720

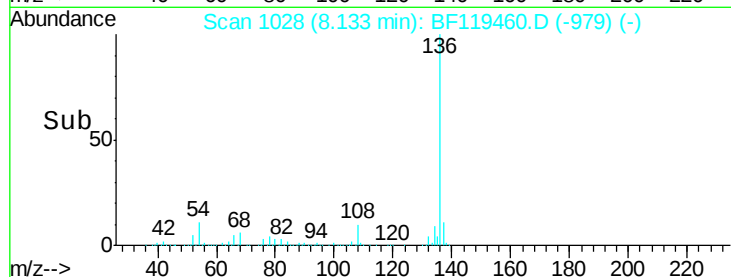
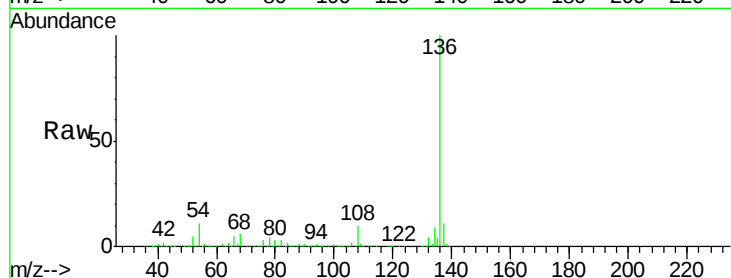
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.9 8.3 12.5

68 6.1 4.9 7.3

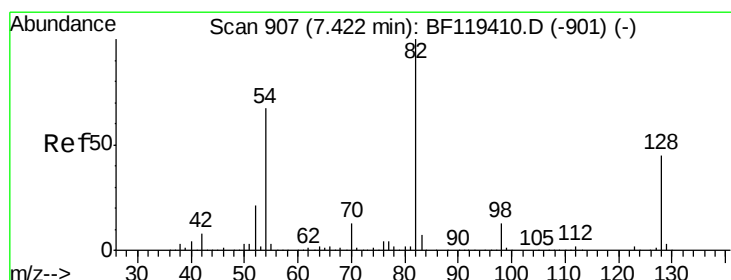
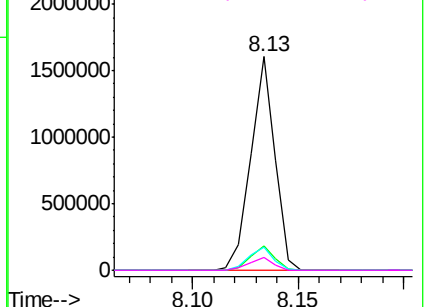


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.86 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119460.D

Acq: 20 Mar 2020 1:46

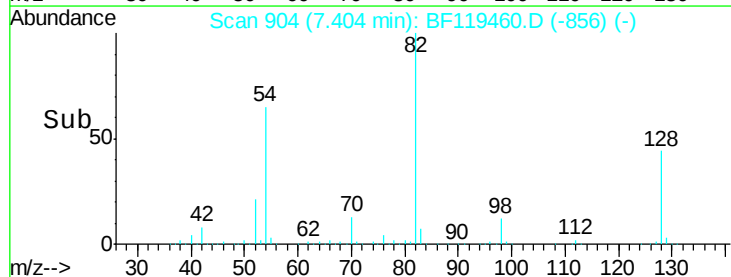
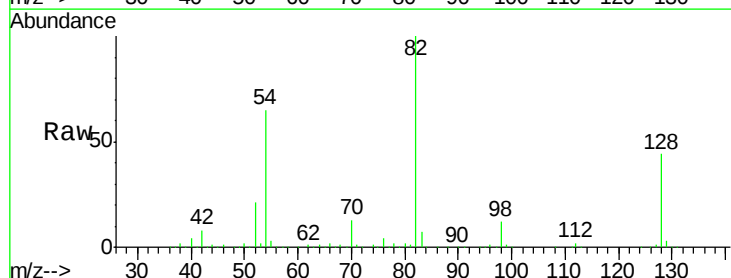
Tgt Ion: 82 Resp: 605478

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.8

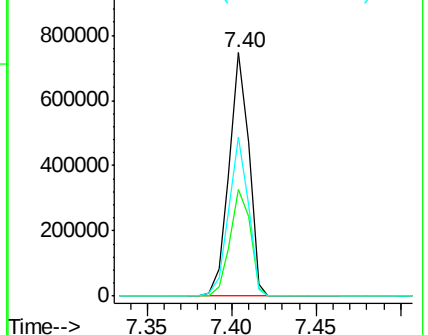
54 65.1 53.4 80.0

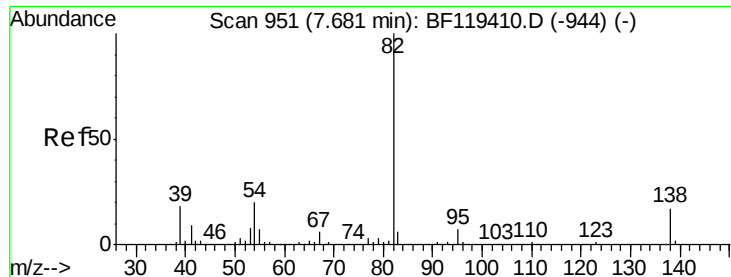


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

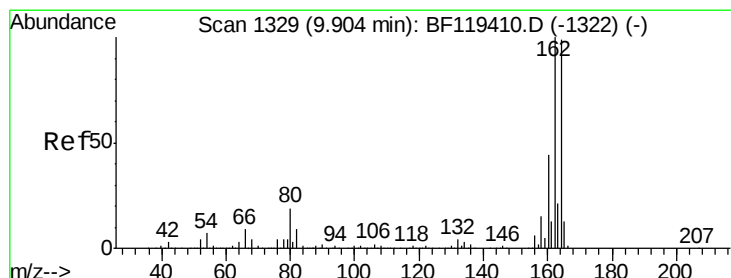
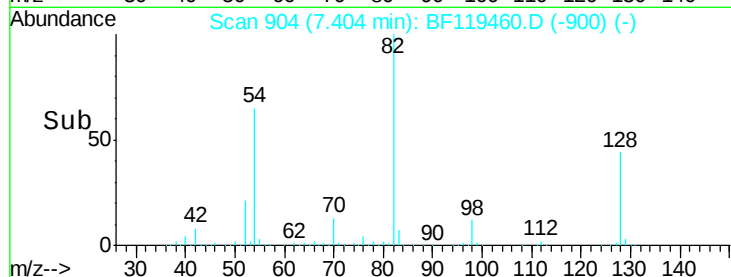
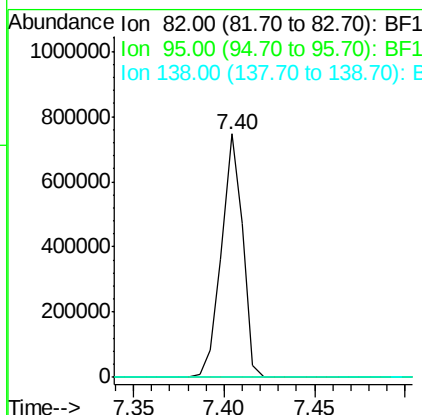
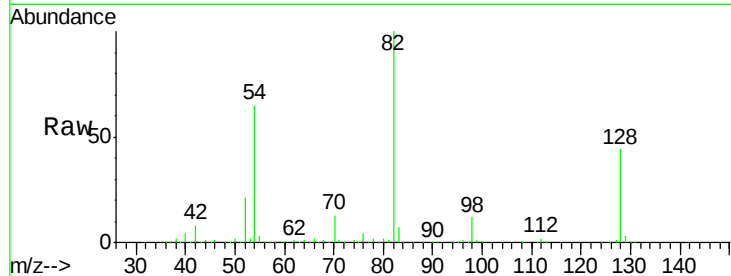




#25
Isophorone
Concen: 12.75 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF119460.D
Acq: 20 Mar 2020 1:46

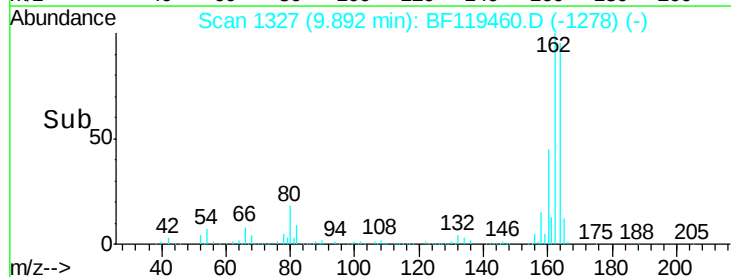
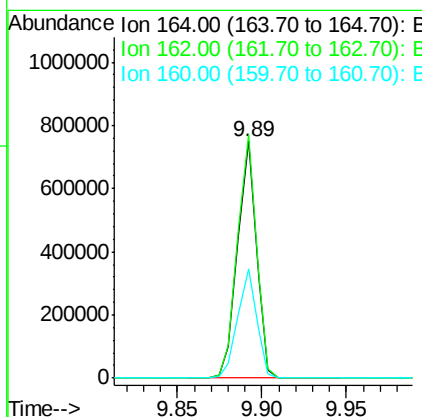
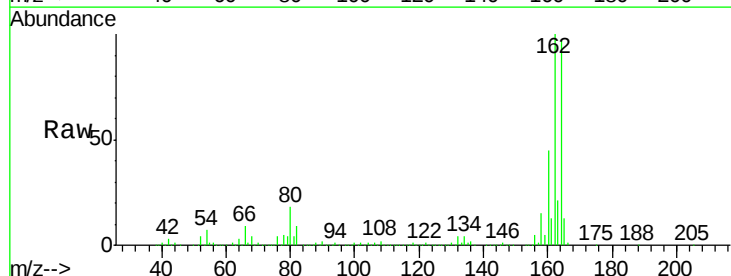
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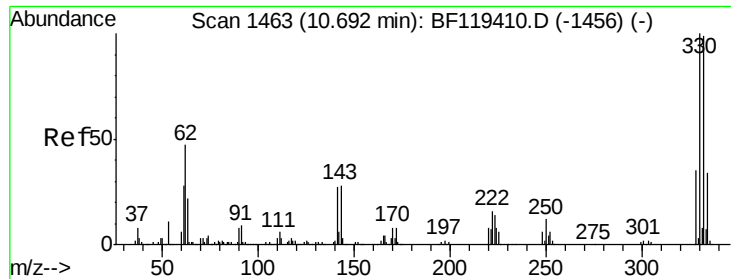
Tgt Ion: 82 Resp: 605470
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119460.D
Acq: 20 Mar 2020 1:46

Tgt Ion: 164 Resp: 585098
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 46.3 35.5 53.3

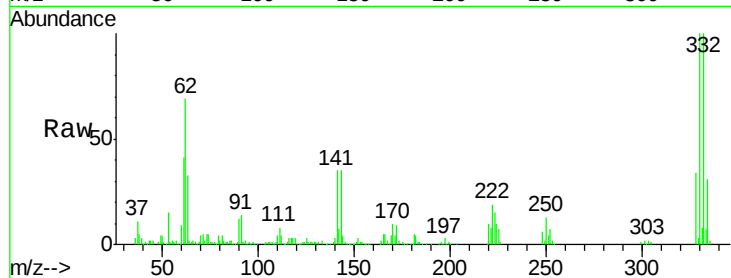




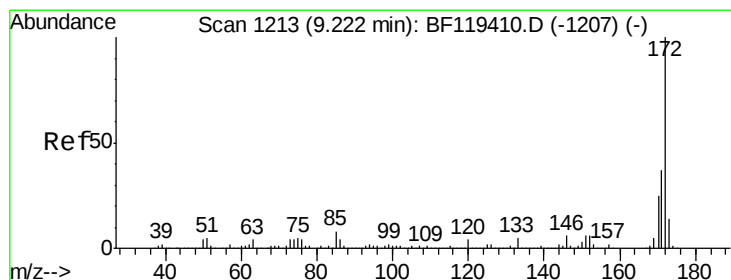
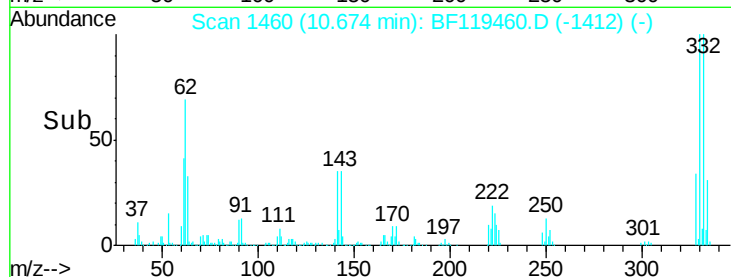
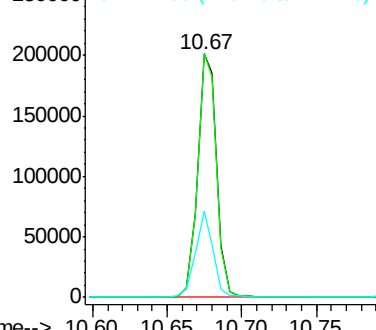
#42
 2,4,6-Tribromophenol
 Concen: 30.25 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B4

Tgt Ion:330 Resp: 182605
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.6 116.4
 141 32.2 26.6 40.0

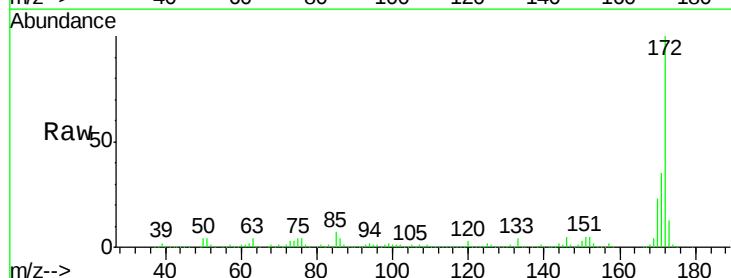


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

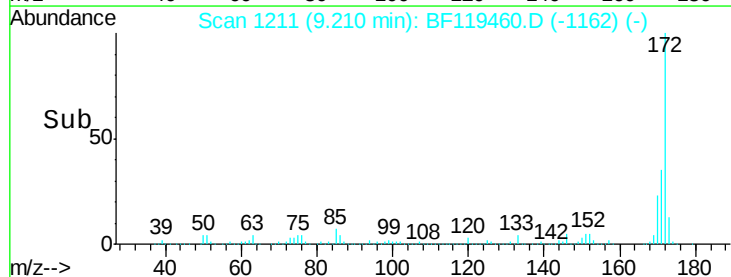
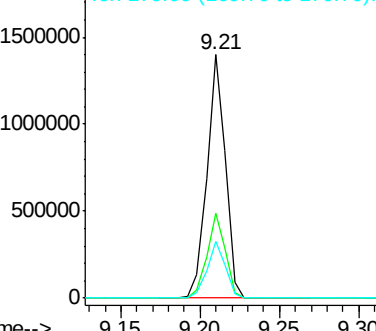


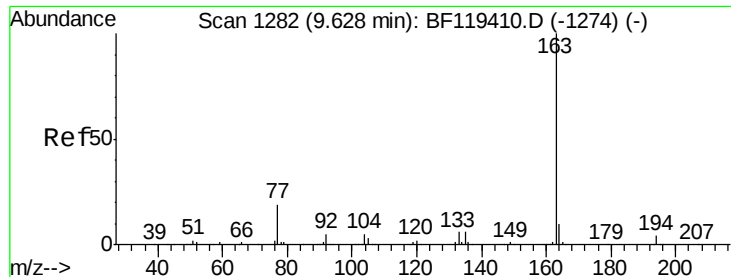
#45
 2-Fluorobiphenyl
 Concen: 28.46 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Tgt Ion:172 Resp: 1123945
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.9 44.9
 170 23.3 20.1 30.1



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

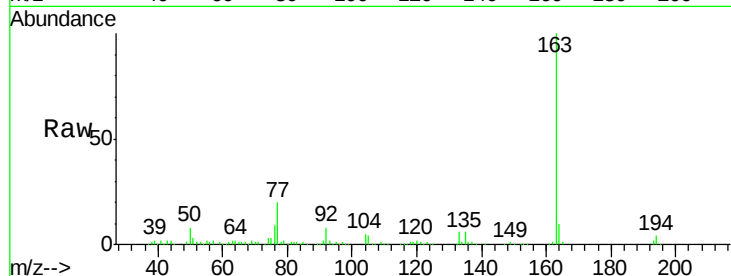




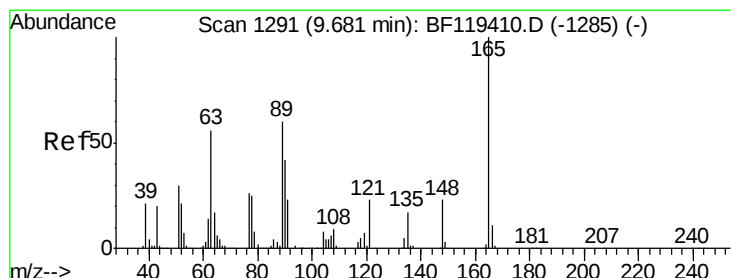
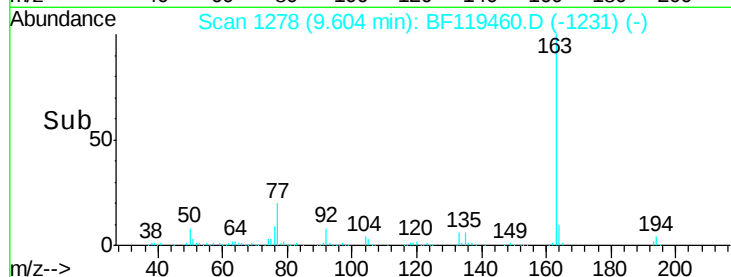
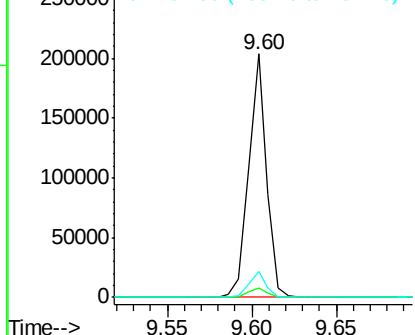
#50
Dimethylphthalate
Concen: 3.63 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119460.D
Acq: 20 Mar 2020 1:46

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B4

Tgt Ion:163 Resp: 151032
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.1 12.1

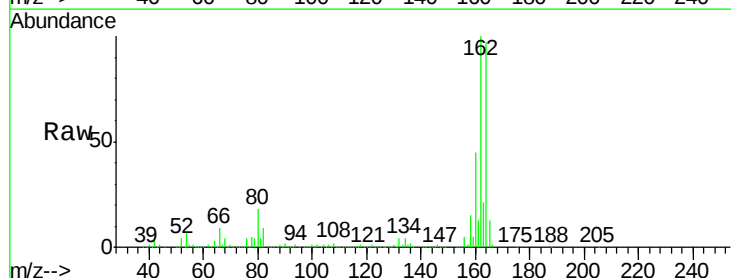


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

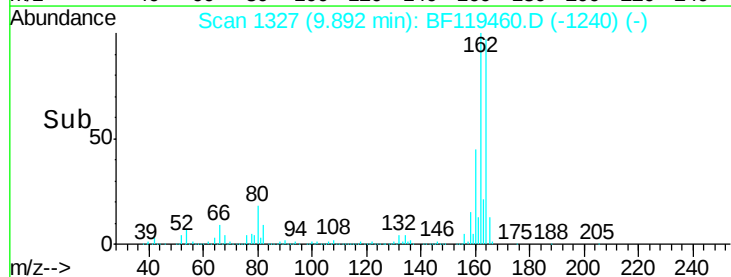
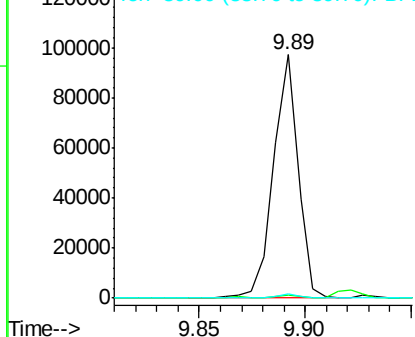


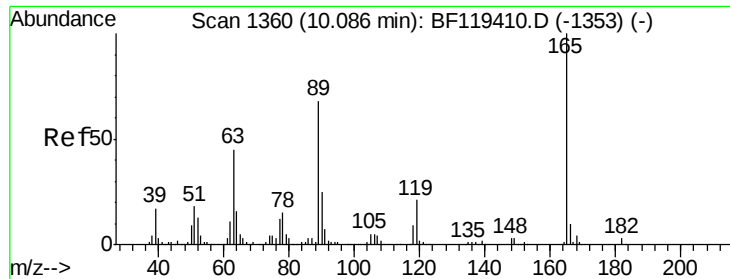
#51
2,6-Dinitrotoluene
Concen: 8.89 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF119460.D
Acq: 20 Mar 2020 1:46

Tgt Ion:165 Resp: 79201
Ion Ratio Lower Upper
165 100
63 1.1 57.3 85.9#
89 1.7 47.8 71.8#



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

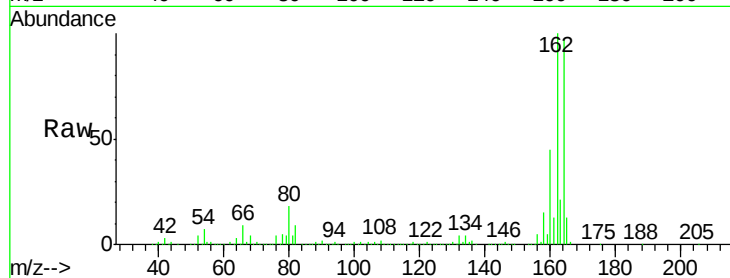




#57
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.7	54.3	81.5#
182	0.0	2.0	3.0#

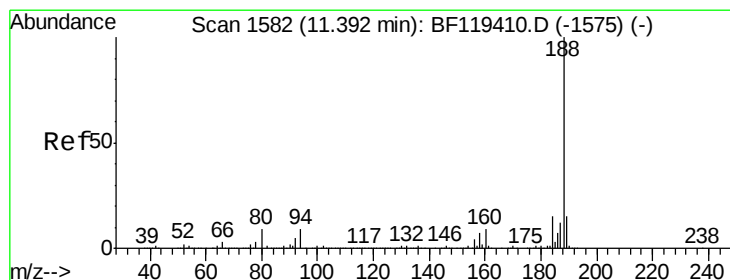
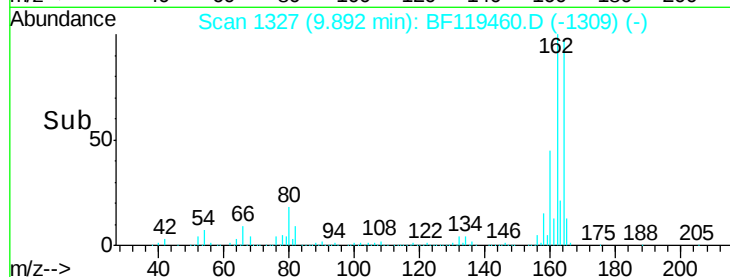
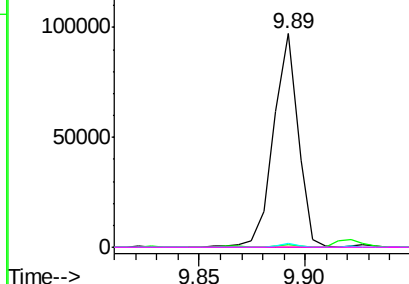


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF119460.D
 Acq: 20 Mar 2020 1:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.1	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

