

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120666.D
 Acq On : 19 Jun 2020 16:24
 Operator : JU/CG
 Sample : L3046-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISS-C-C

Quant Time: Jun 19 16:59:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

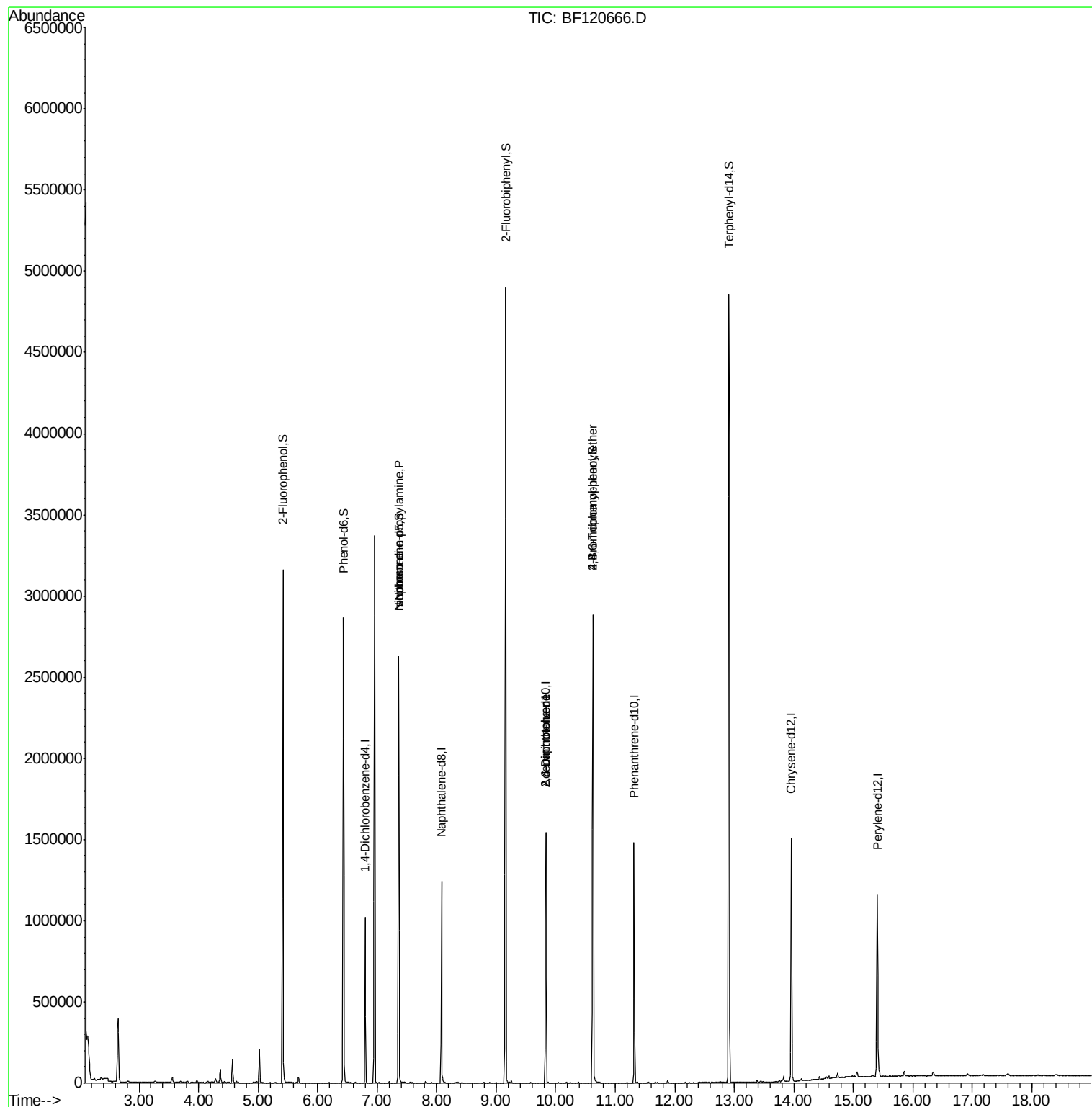
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140262	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	533775	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	285121	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	575674	20.00	ng	0.00
76) Chrysene-d12	13.96	240	508129	20.00	ng	0.00
86) Perylene-d12	15.40	264	518002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	913651	111.68	ng	0.00
7) Phenol-d6	6.43	99	992747	97.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	831833	87.11	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	440324	132.83	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1572813	84.40	ng	0.00
79) Terphenyl-d14	12.91	244	2040879	88.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	109565	18.537	ng	# 76
25) Isophorone	7.36	82	829218	44.578	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	35369	7.600	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35369	5.728	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	24570	3.761	ng	# 1

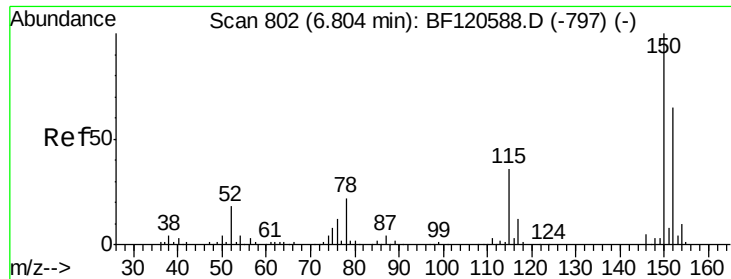
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120666.D
Acq On : 19 Jun 2020 16:24
Operator : JU/CG
Sample : L3046-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ISS-C-C

Quant Time: Jun 19 16:59:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration



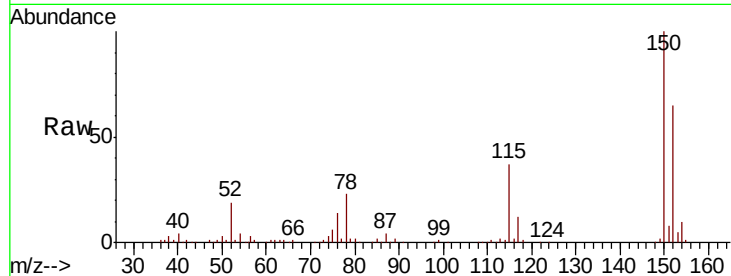


#1

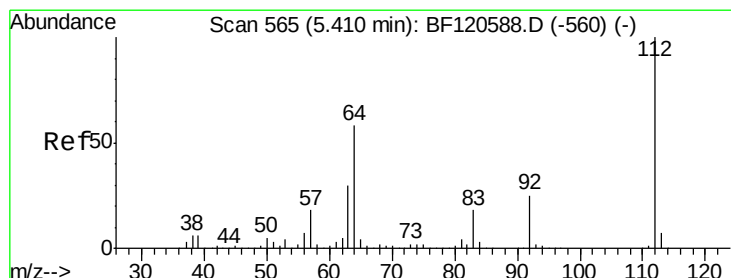
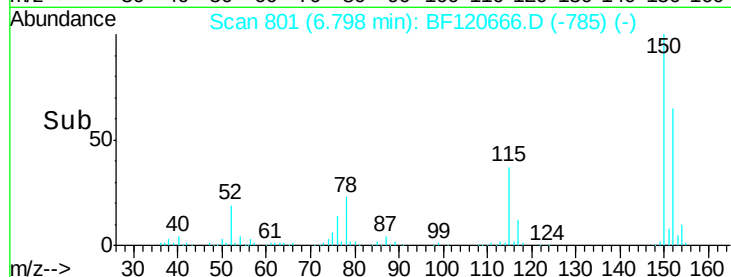
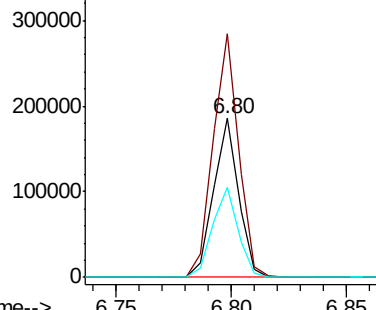
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Instrument :
BNA_F
ClientSampleId :
ISS-C-C

Tot Ion:152 Resp: 140262
Ion Ratio Lower Upper
152 100
150 153.3 123.2 184.8
115 56.9 43.9 65.9



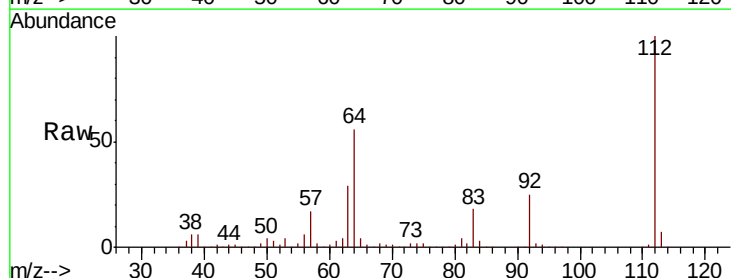
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



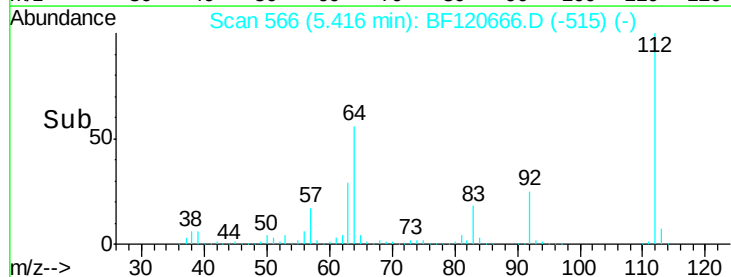
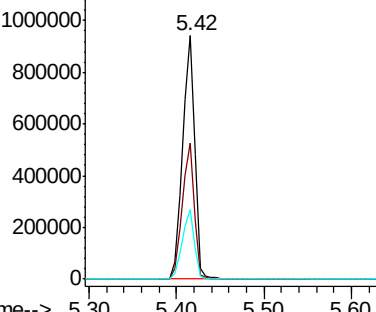
#5

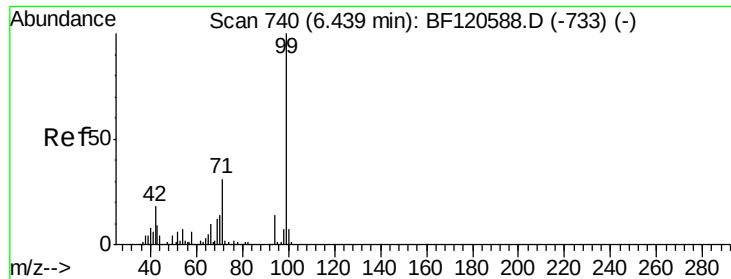
2-Fluorophenol
Concen: 111.678 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Tgt Ion:112 Resp: 913651
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.8 23.7 35.5



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: 97.427 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

Instrument :

BNA_F

ClientSampleId :

ISS-C-C

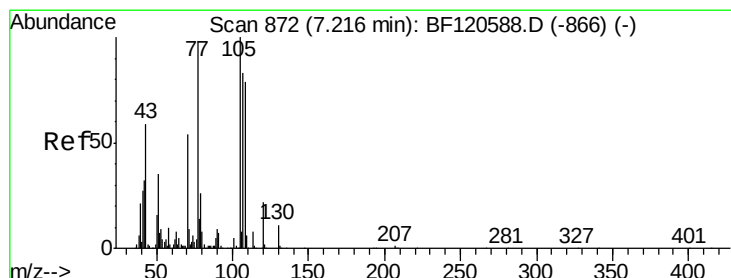
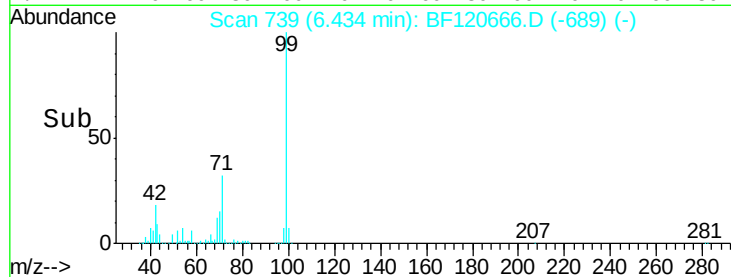
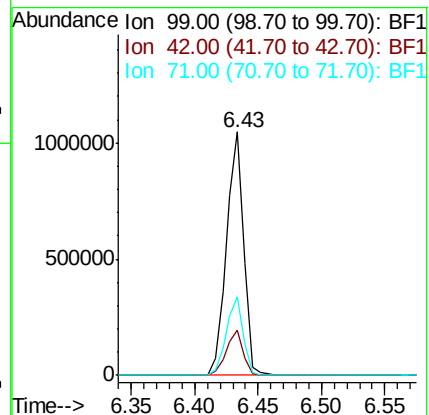
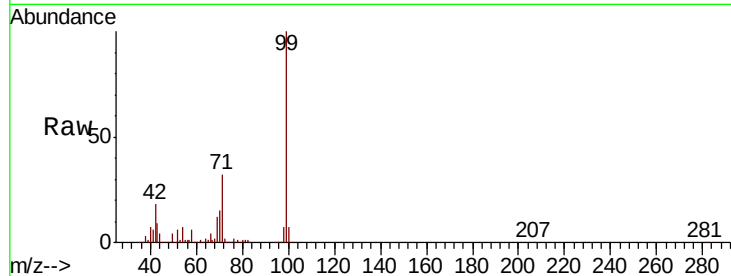
Tot Ion: 99 Resp: 992747

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.537 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

Tgt Ion: 70 Resp: 109565

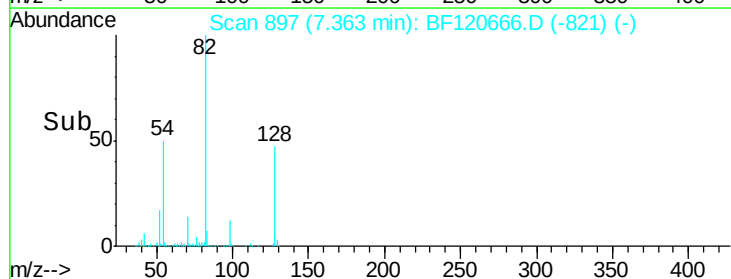
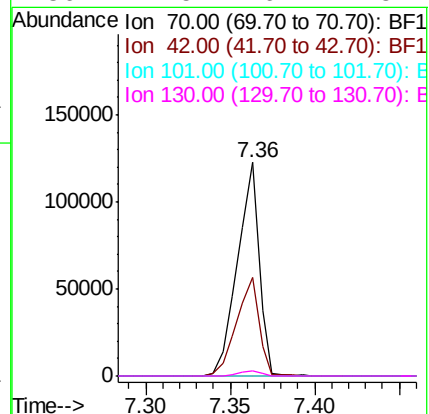
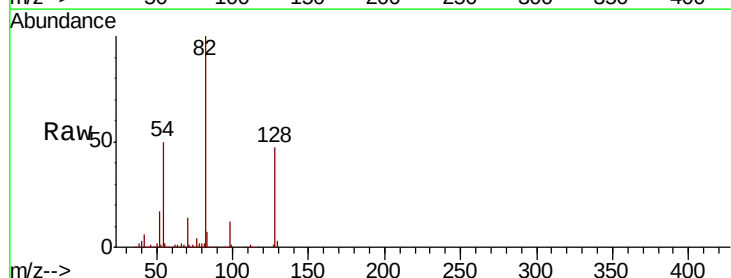
Ion Ratio Lower Upper

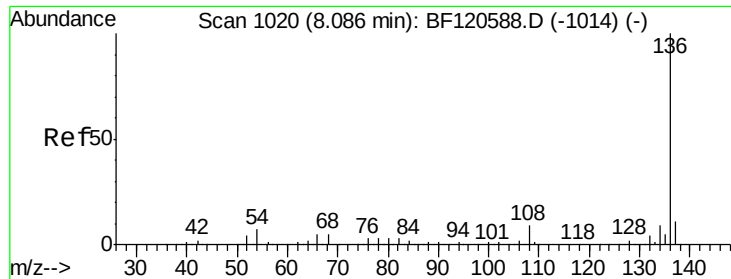
70 100

42 46.3 47.7 71.5#

101 0.0 7.6 11.4#

130 2.5 16.7 25.1#

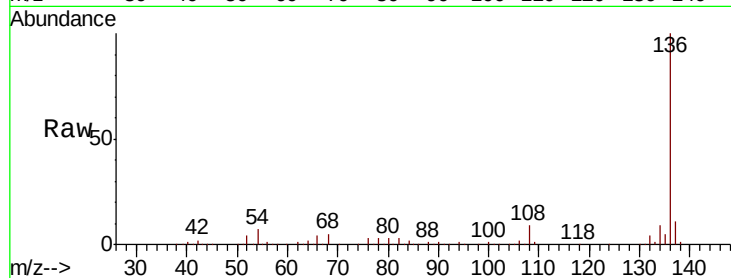




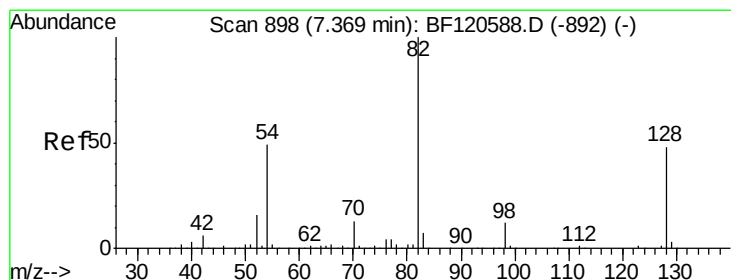
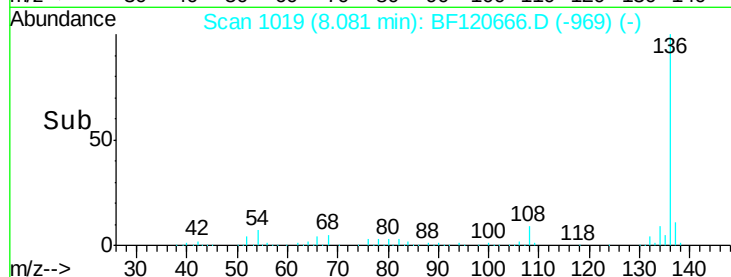
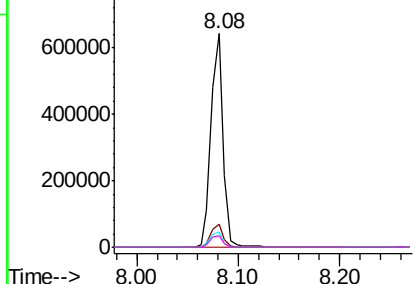
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Instrument :
BNA_F
ClientSampleId :
ISS-C-C

Tot Ion:136	Resp:	533775
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	7.2	5.8 8.6
68	5.4	4.4 6.6

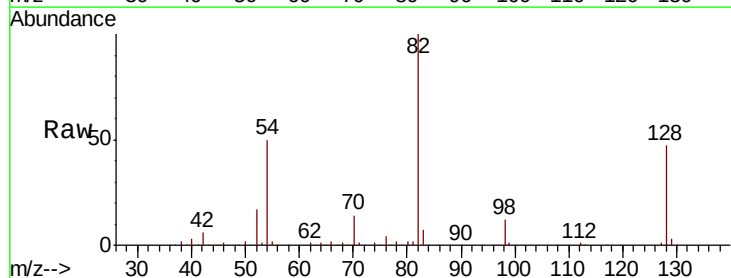


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

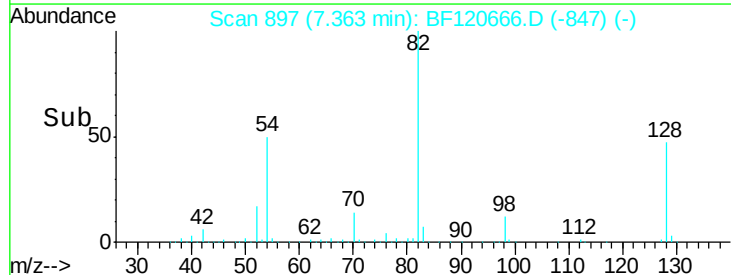
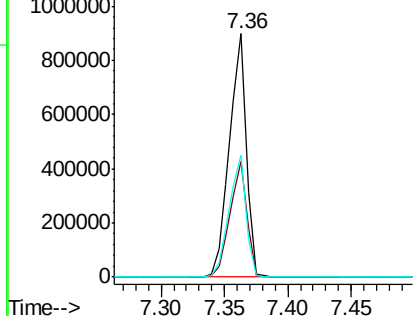


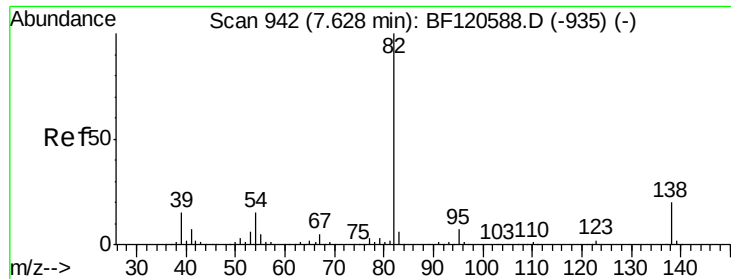
#23
Nitrobenzene-d5
Concen: 87.109 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Tgt Ion: 82	Resp:	831833
Ion	Ratio	Lower Upper
82	100	
128	47.4	38.0 57.0
54	49.9	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): E
1000000 Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0





#25

Isophorone

Concen: 44.578 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

Instrument :

BNA_F

ClientSampleId :

ISS-C-C

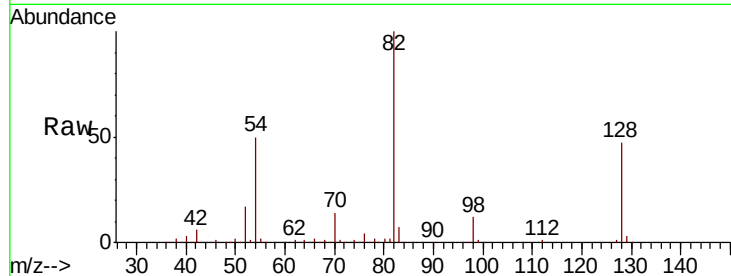
Tot Ion: 82 Resp: 829218

Ion Ratio Lower Upper

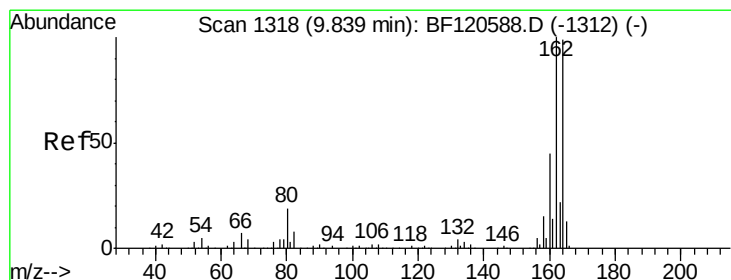
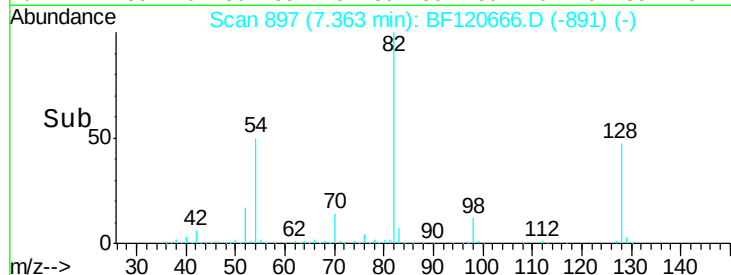
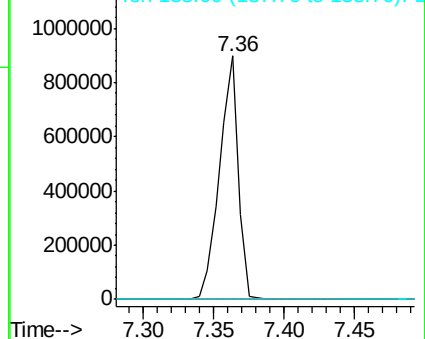
82 100

95 0.0 5.7 8.5#

138 0.0 16.2 24.4#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

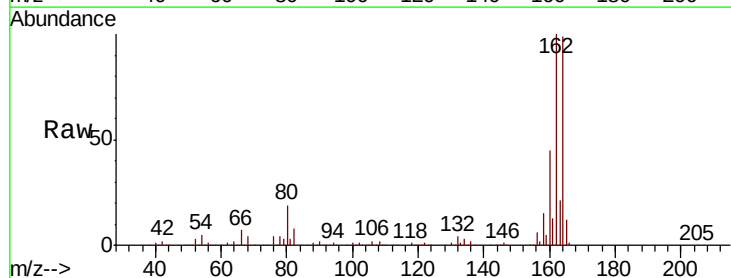
Tgt Ion:164 Resp: 285121

Ion Ratio Lower Upper

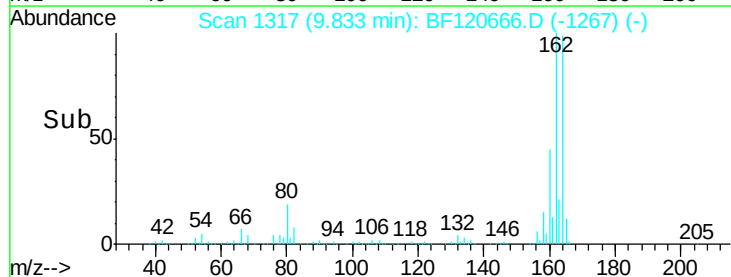
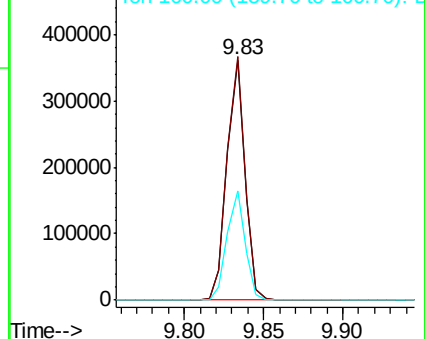
164 100

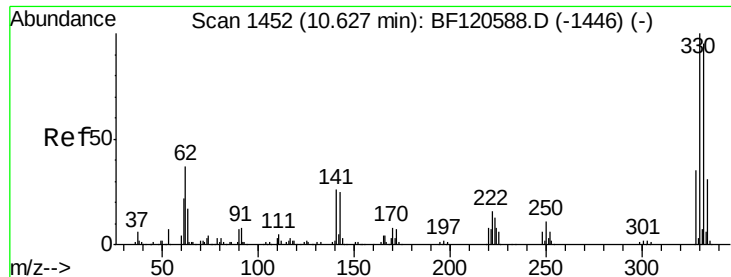
162 101.5 80.6 120.8

160 45.4 36.2 54.2



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

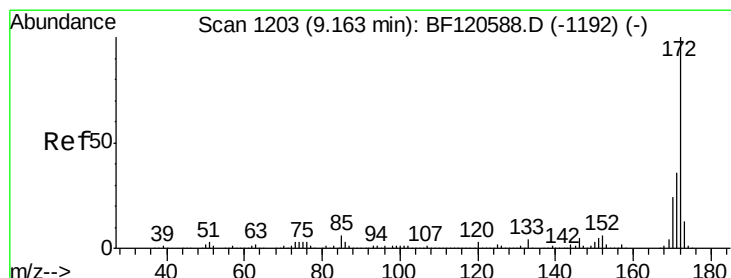
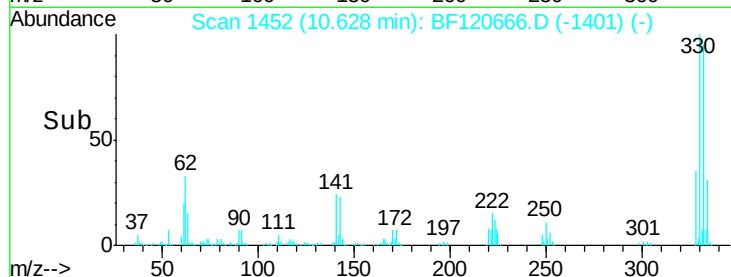
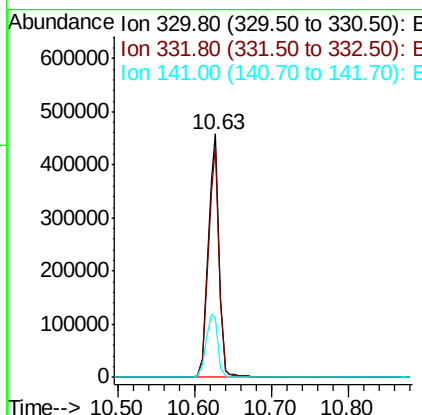
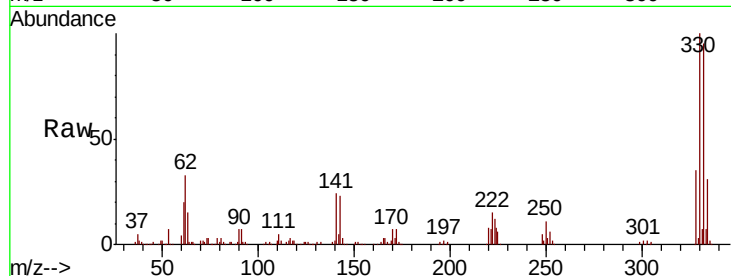




#42
 2,4,6-Tribromophenol
 Concen: 132.831 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

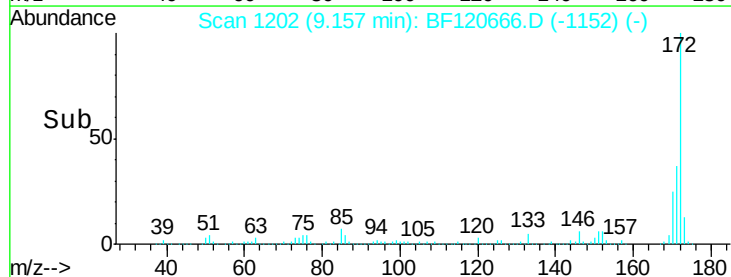
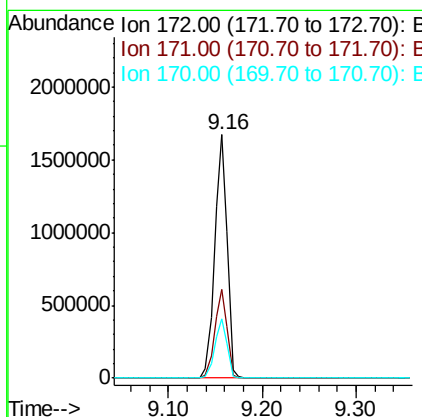
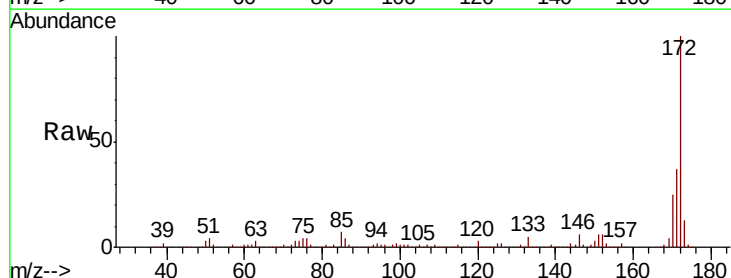
Instrument :
 BNA_F
 ClientSampleId :
 ISS-C-C

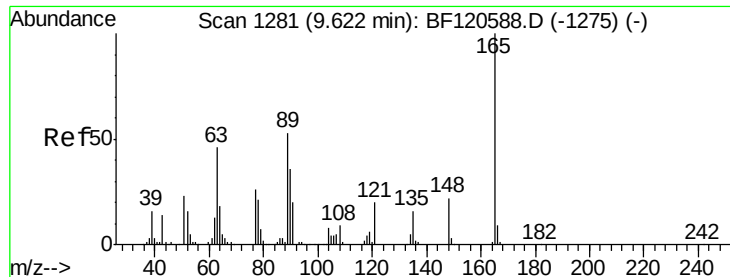
Tot Ion:330 Resp: 440324
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 28.6 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 84.399 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

Tgt Ion:172 Resp: 1572813
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.4
 170 24.6 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 7.600 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

Instrument :

BNA_F

ClientSampleId :

ISS-C-C

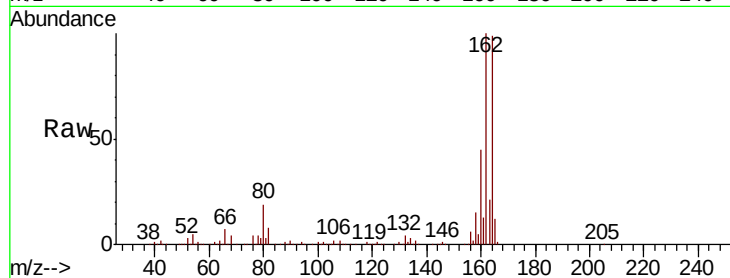
Tot Ion:165 Resp: 35369

Ion Ratio Lower Upper

165 100

63 1.3 41.7 62.5#

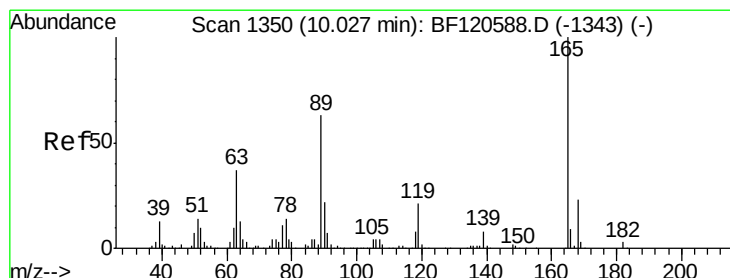
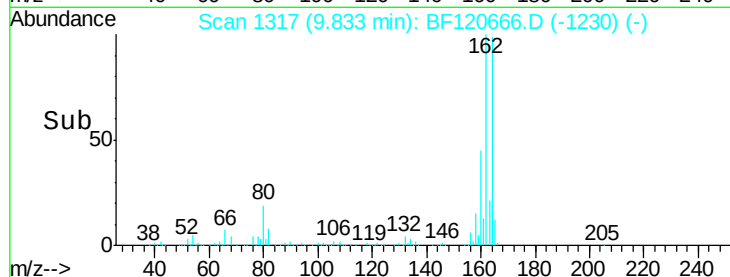
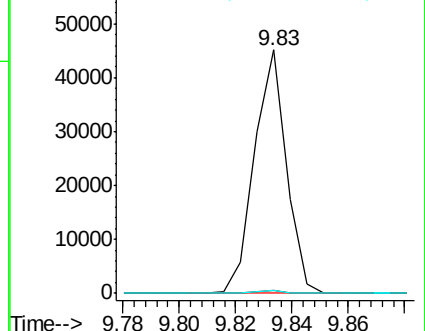
89 1.4 42.6 64.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.728 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120666.D

Acq: 19 Jun 2020 16:24

Tgt Ion:165 Resp: 35369

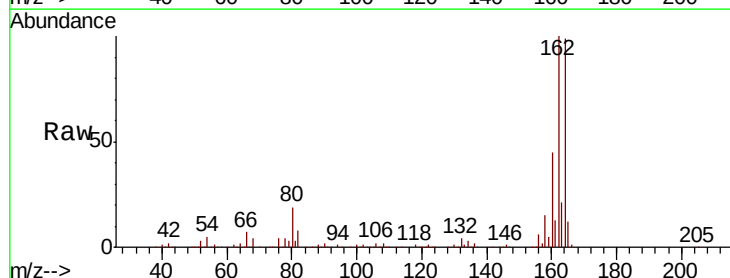
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.4 50.4 75.6#

182 0.0 2.1 3.1#

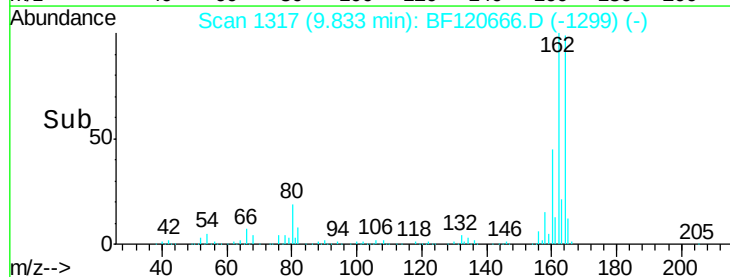
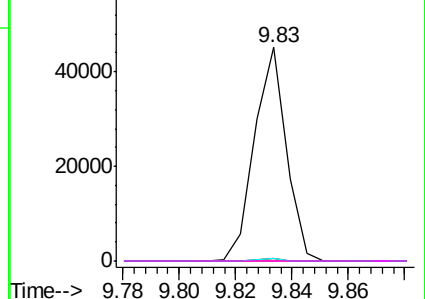


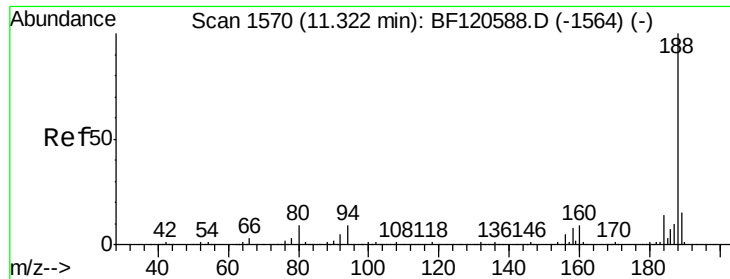
Abundance Ion 165.00 (164.70 to 165.70): E

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

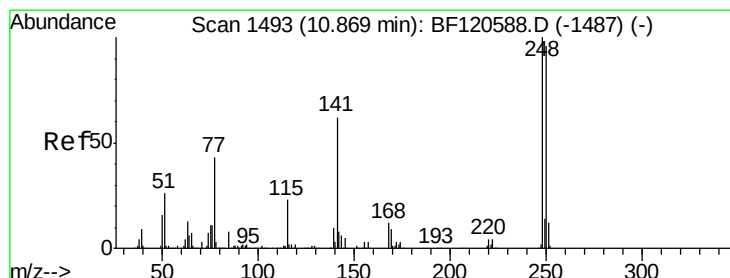
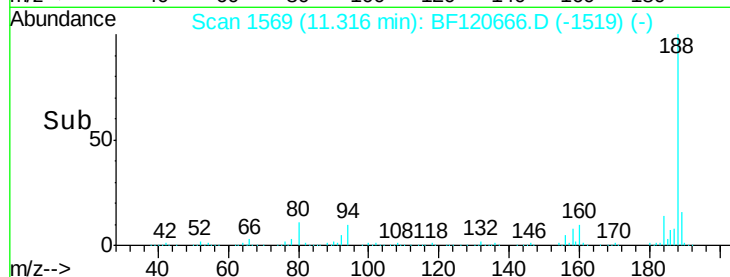
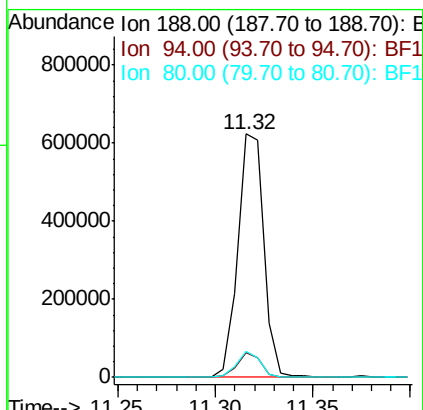
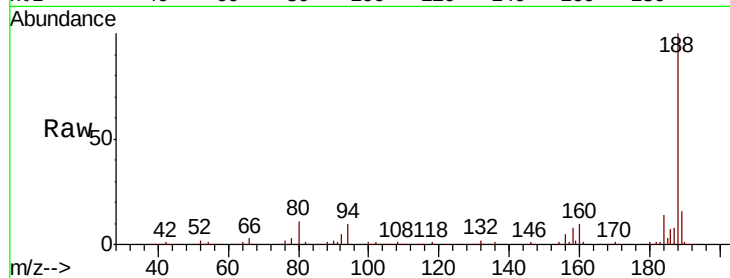




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

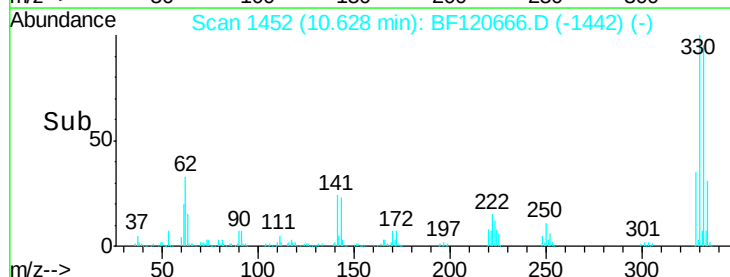
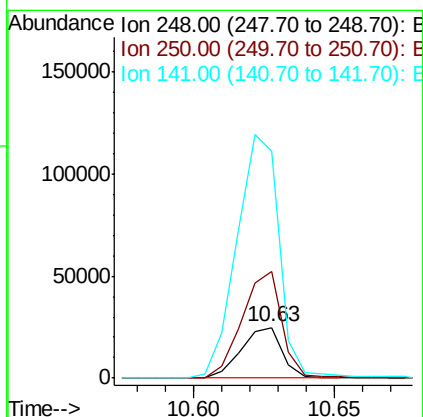
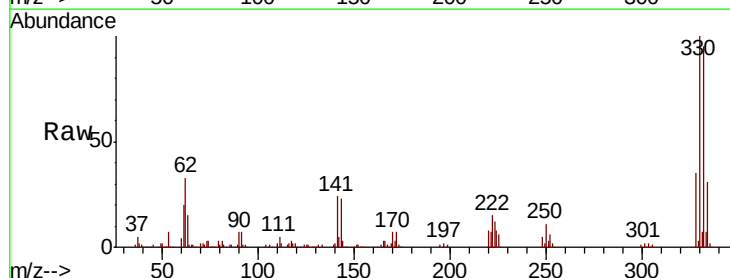
Instrument :
BNA_F
ClientSampleId :
ISS-C-C

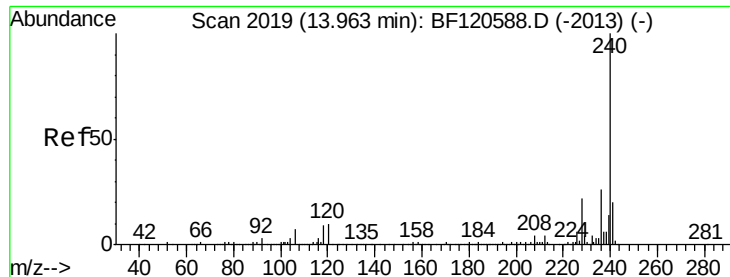
Tot Ion:188 Resp: 575674
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.761 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Tgt Ion:248 Resp: 24570
Ion Ratio Lower Upper
248 100
250 210.1 76.7 115.1#
141 449.3 49.4 74.0#

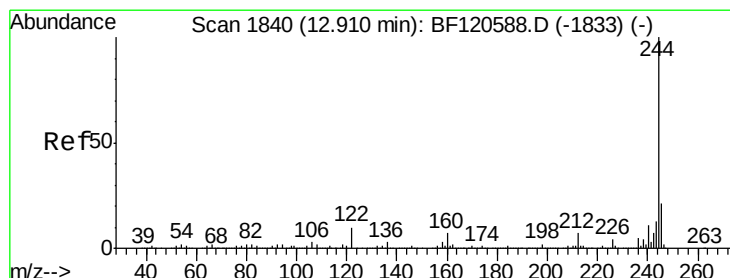
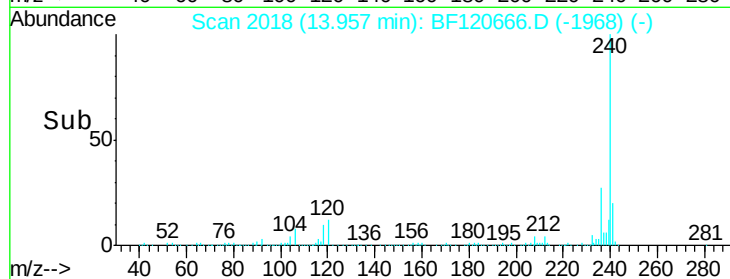
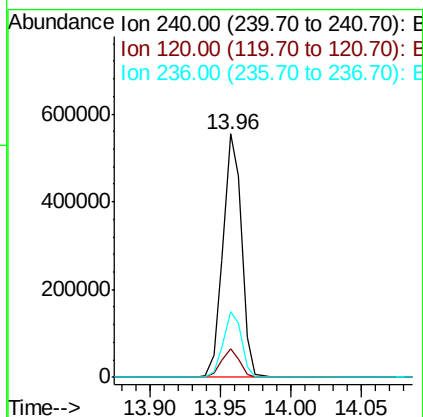
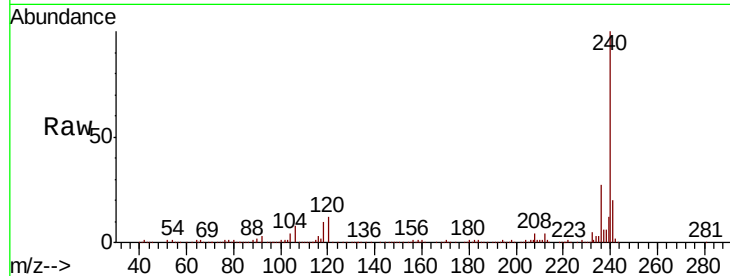




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

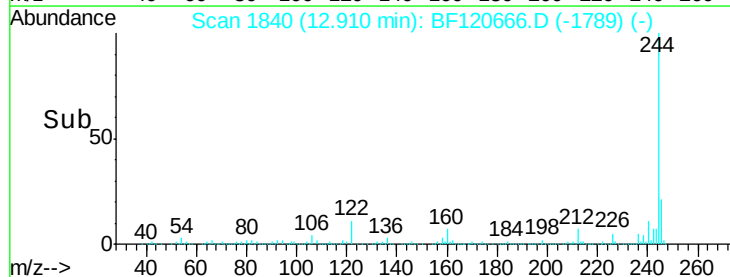
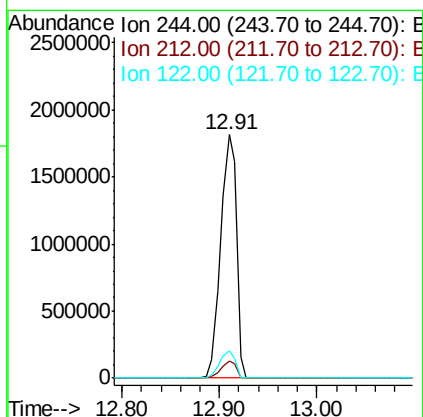
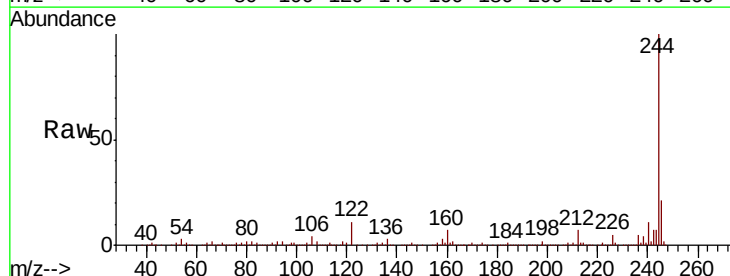
Instrument :
 BNA_F
 ClientSampleId :
 ISS-C-C

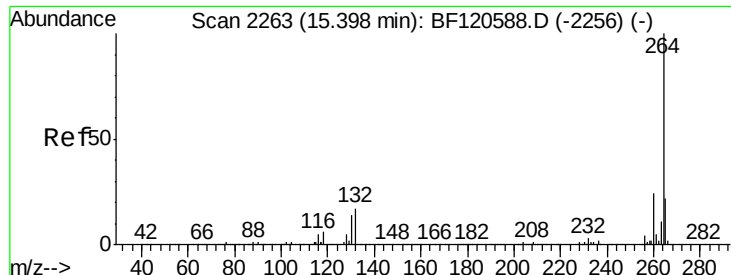
Tot Ion:240 Resp: 508129
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 26.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 88.719 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

Tgt Ion:244 Resp: 2040879
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.1 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Instrument :
BNA_F
ClientSampleId :
ISS-C-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	20.9	17.8	26.8

