

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 17:02:34 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

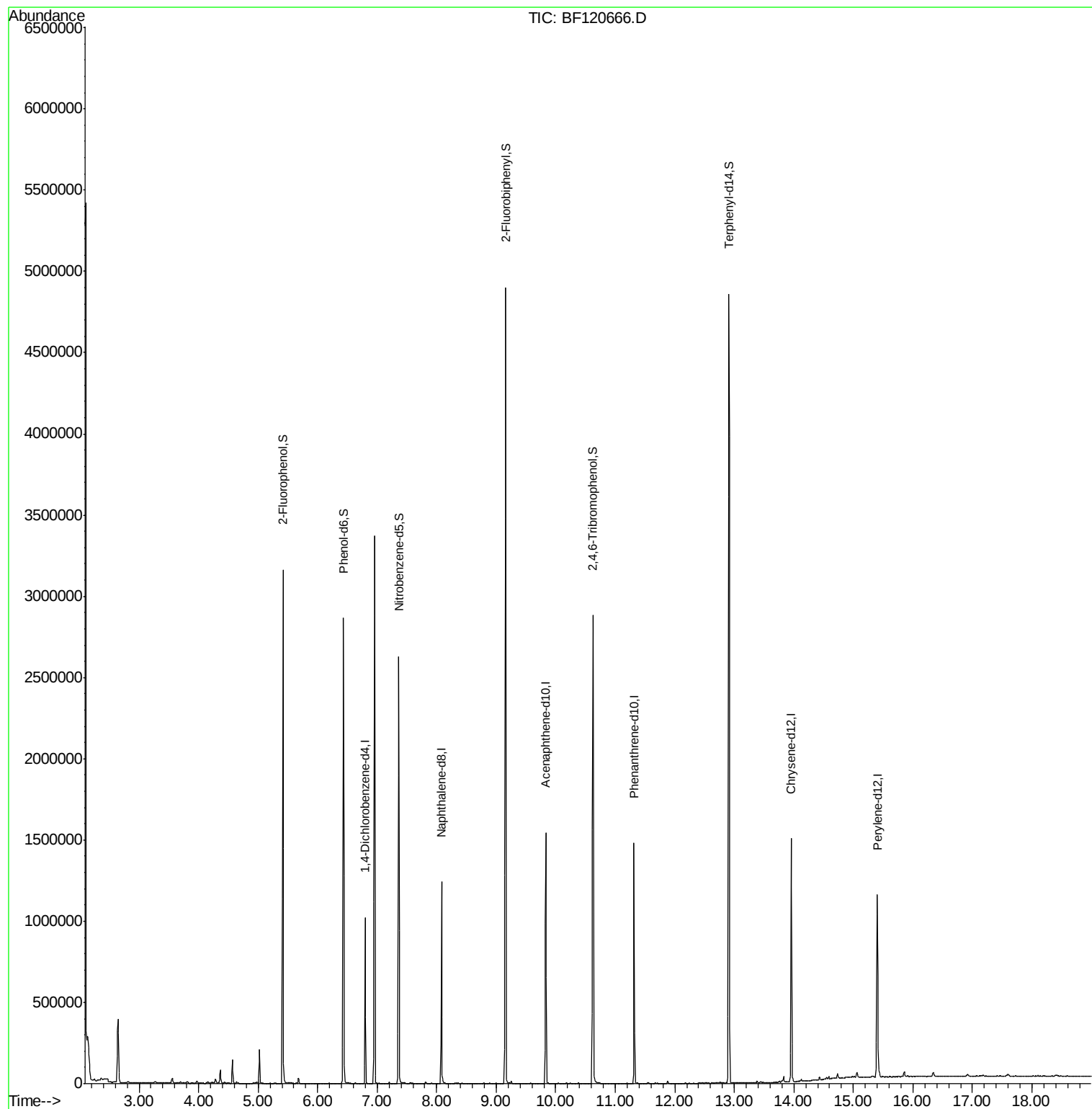
Target Compounds Qvalue

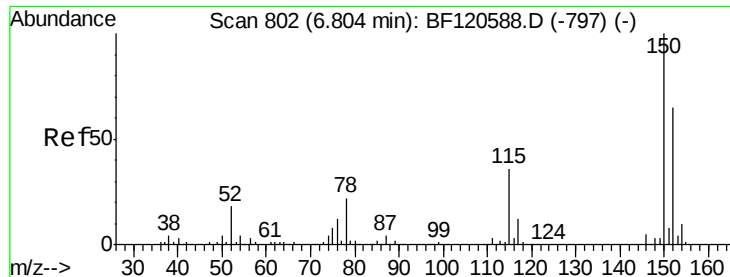
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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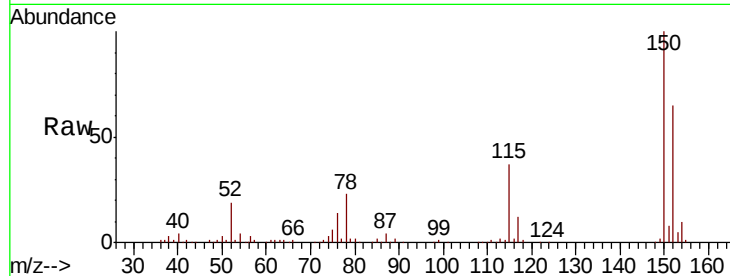


#1

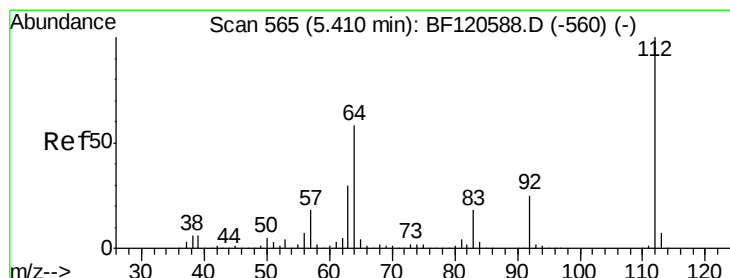
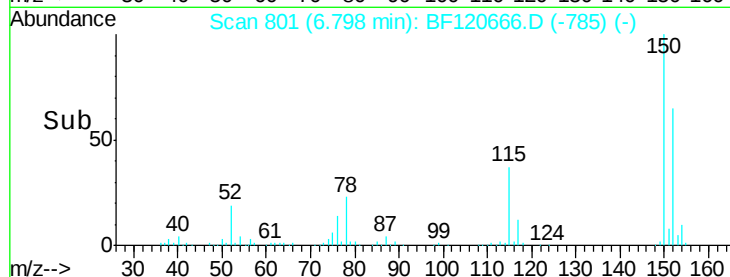
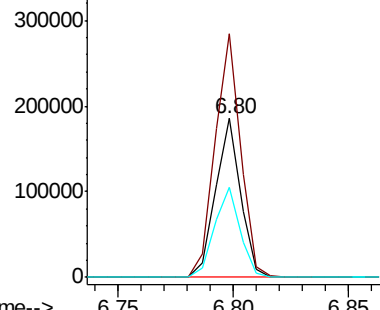
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

Instrument :
 BNA_F
 ClientSampleId :
 ISS-C-C

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



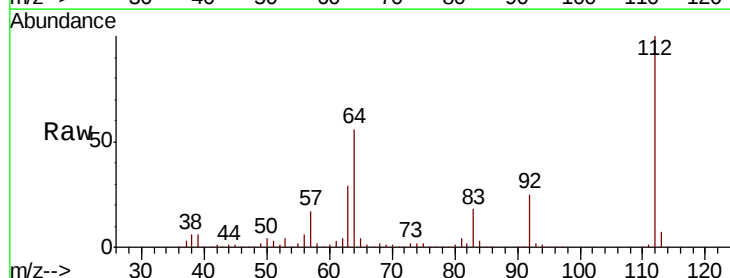
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



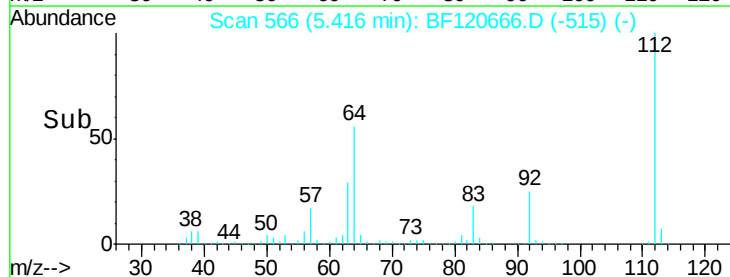
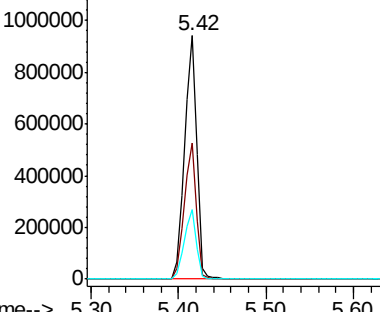
#5

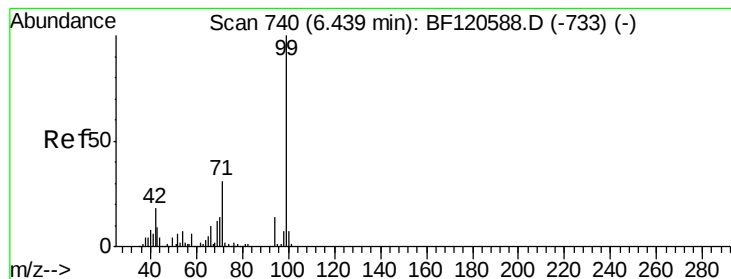
2-Fluorophenol
 Concen: 111.678 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

Tgt Ion	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

ClientSampled :

ISS-C-C

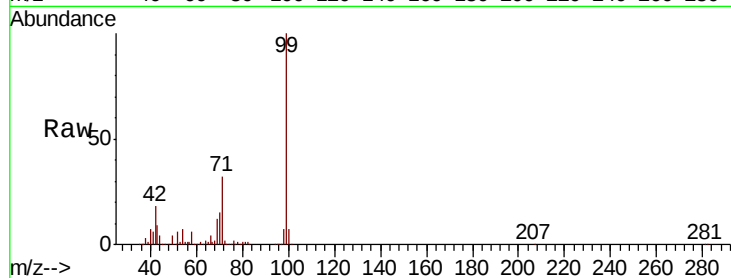
Tot Ion: 99 Resp: 992747

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

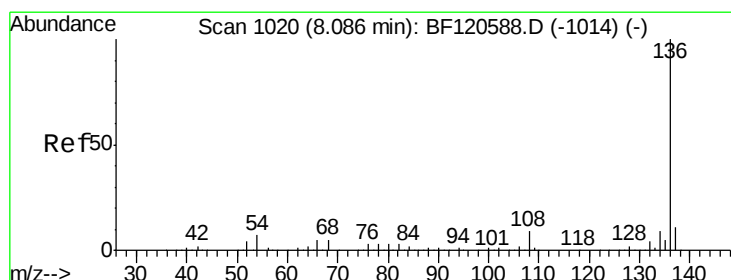
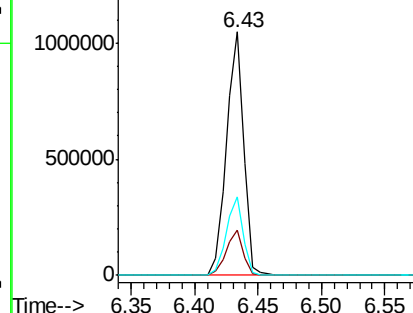
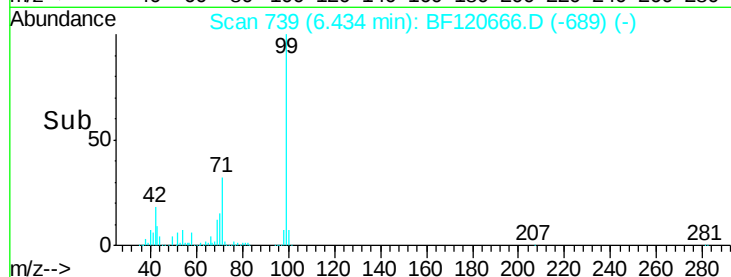
71 32.5 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 533775

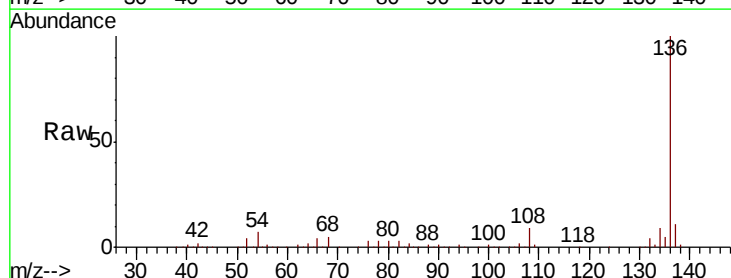
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.2 5.8 8.6

68 5.4 4.4 6.6

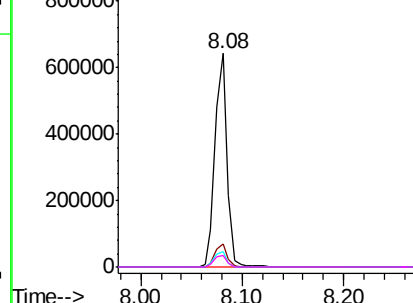
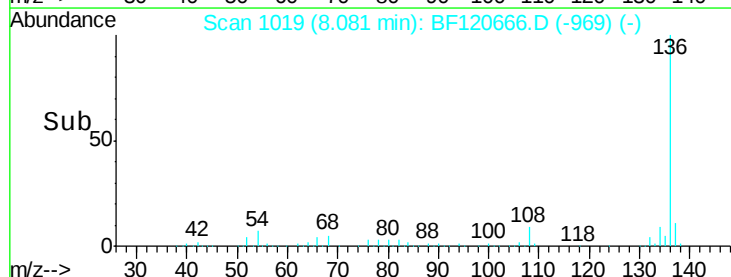


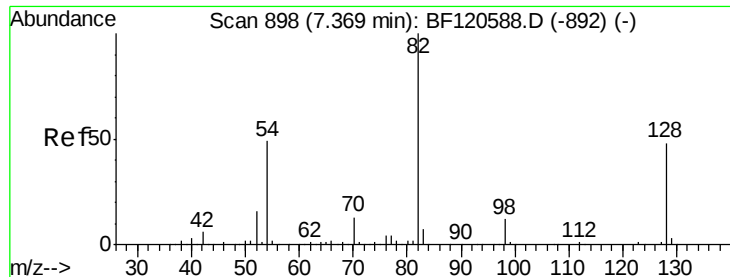
Abundance Ion 136.00 (135.70 to 136.70): E

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

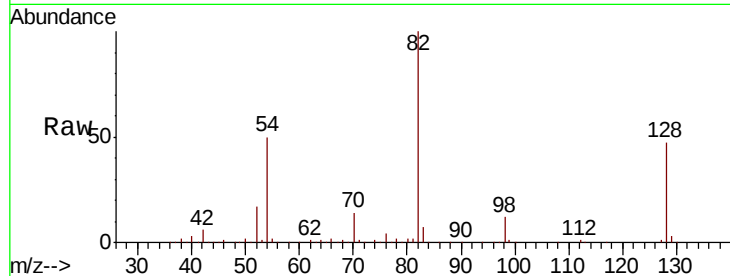




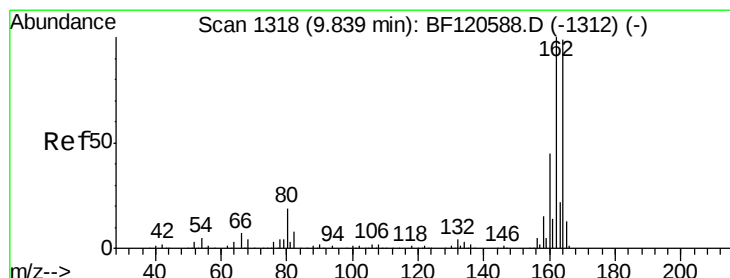
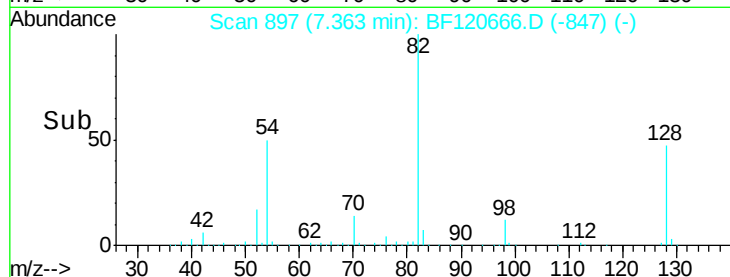
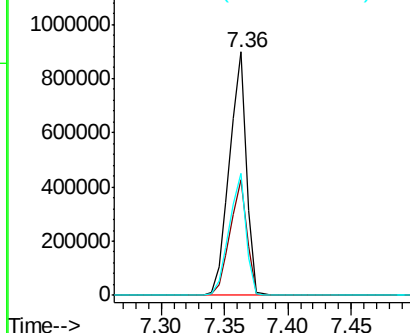
#23
Nitrobenzene-d5
Concen: 87.109 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

Instrument :
BNA_F
ClientSampleId :
ISS-C-C

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

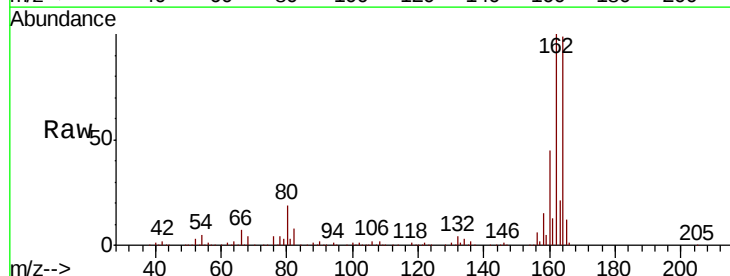


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

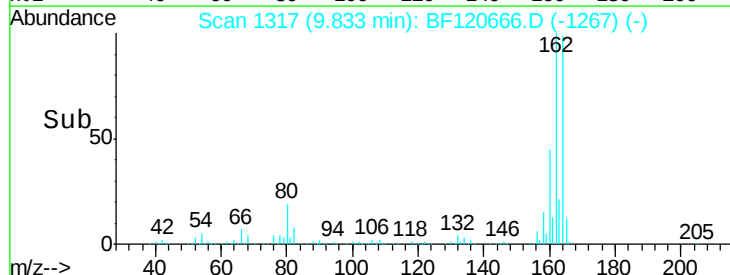
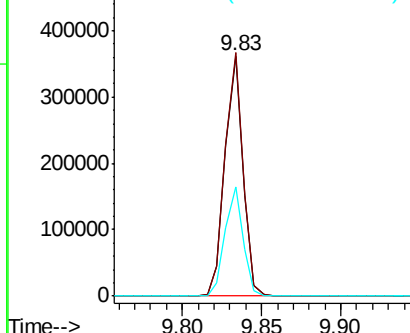


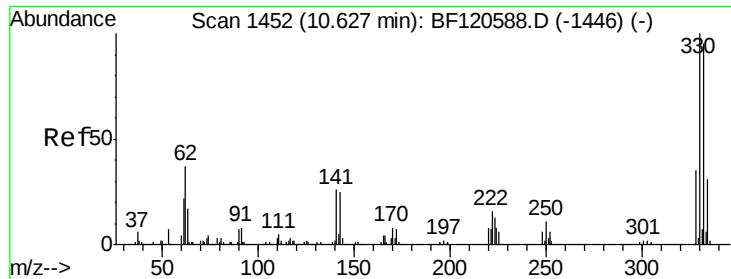
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120666.D
Acq: 19 Jun 2020 16:24

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): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

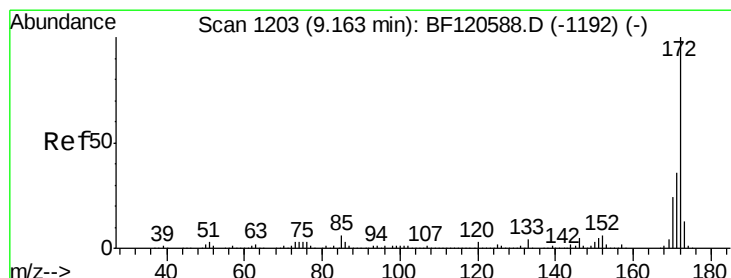
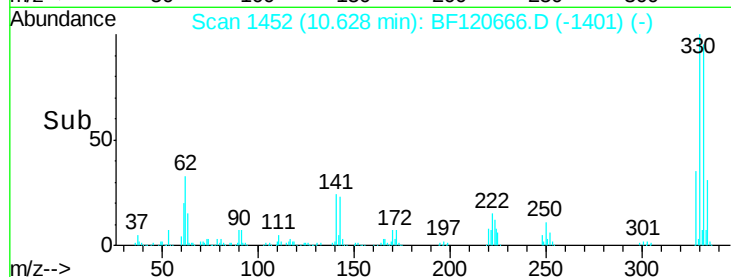
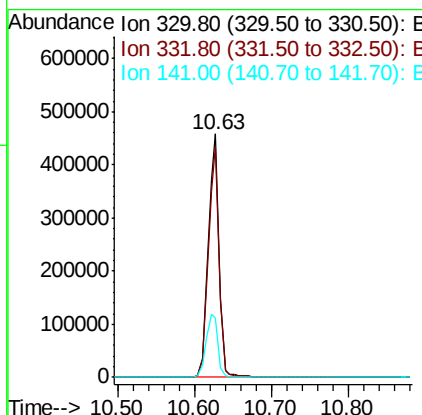
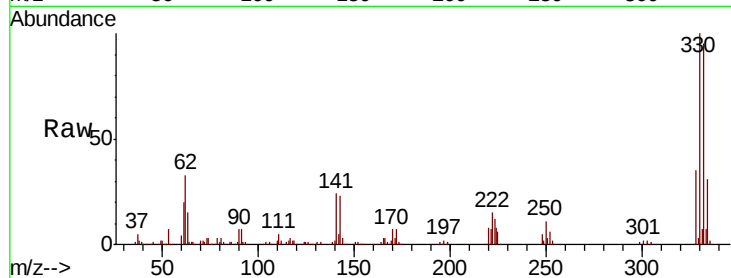




#42
 2,4,6-Tribromophenol
 Concen: 132.831 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120666.D
 Acq: 19 Jun 2020 16:24

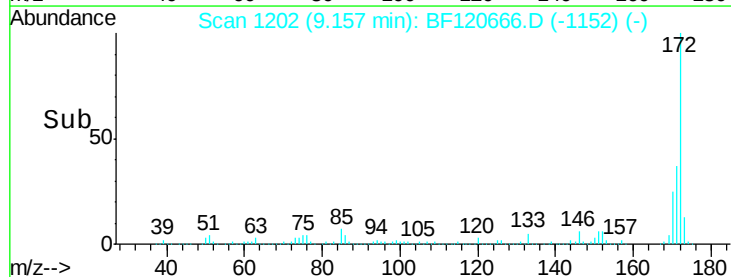
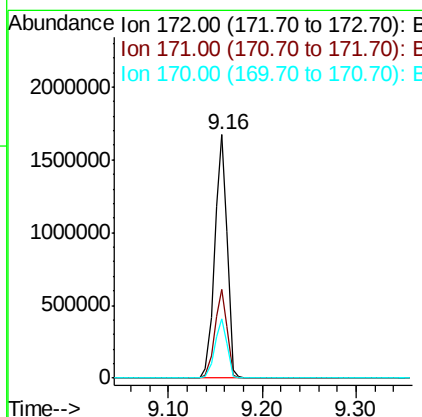
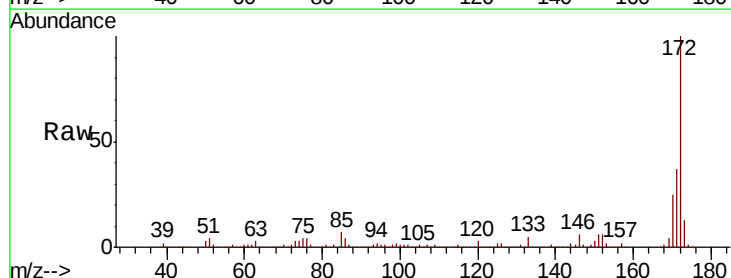
Instrument :
 BNA_F
 ClientSampleId :
 ISS-C-C

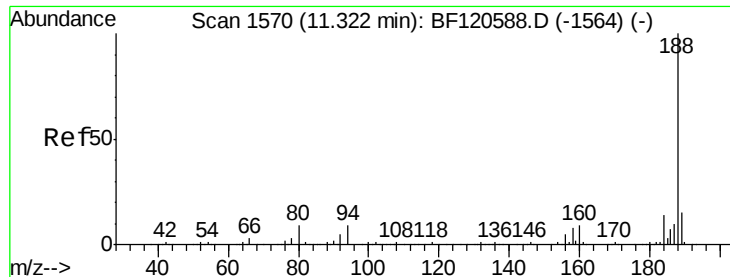
Tot Ion:330 Resp: 440324
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 28.6 23.2 34.8



#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





#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

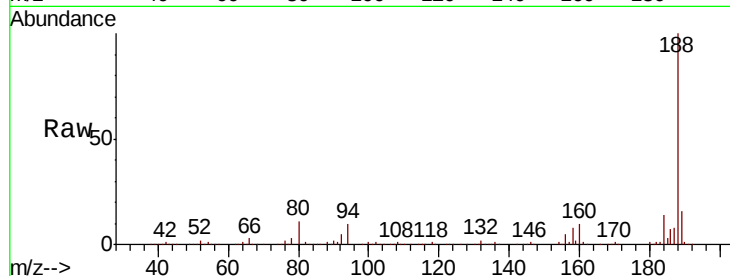
Tot Ion:188 Resp: 575674

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

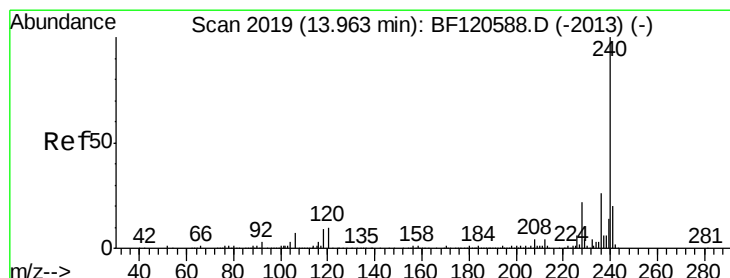
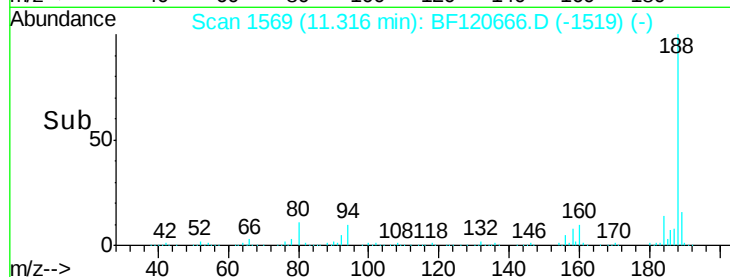
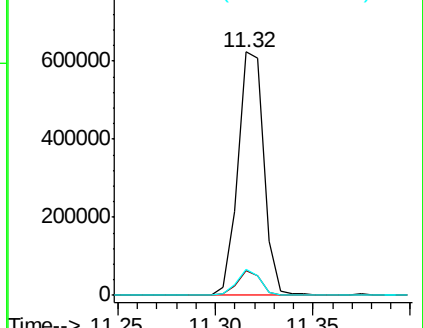
80 10.5 7.4 11.2



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



#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

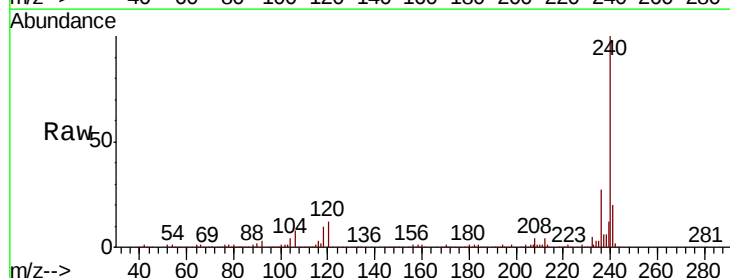
Tgt Ion:240 Resp: 508129

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

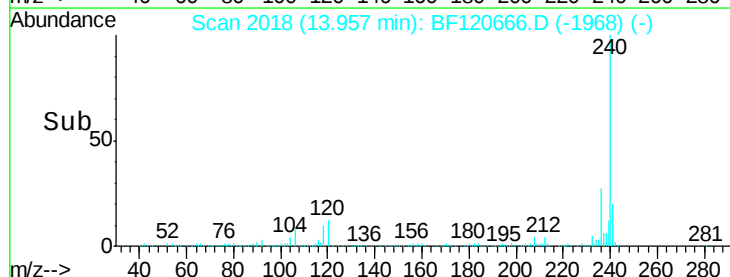
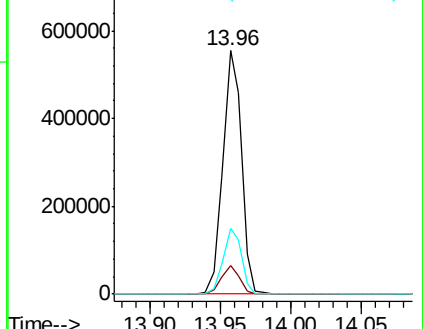
236 26.7 21.0 31.4

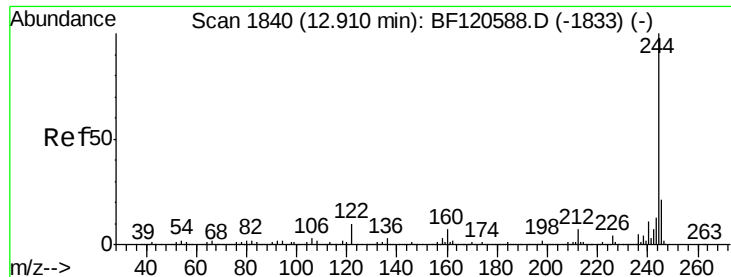


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

ISS-C-C

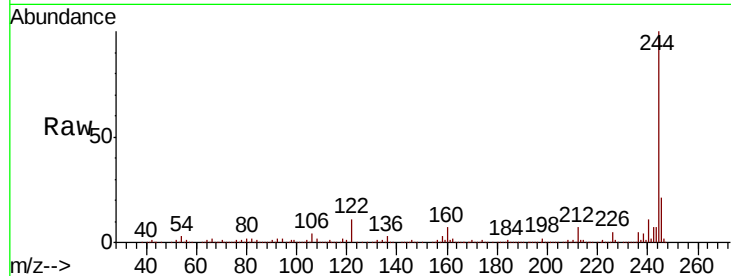
Tot Ion:244 Resp: 2040879

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

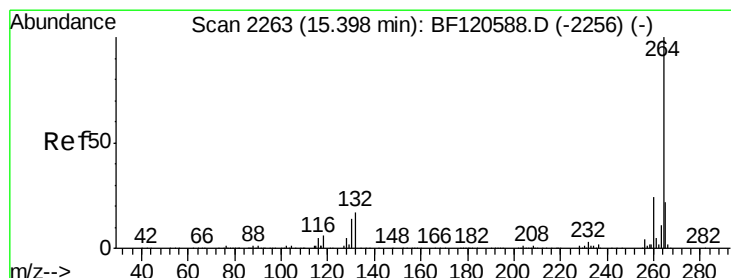
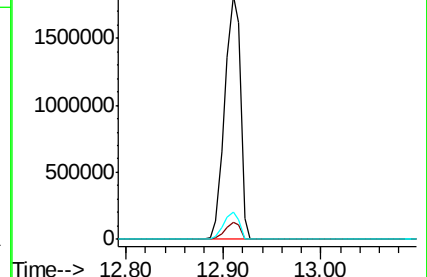
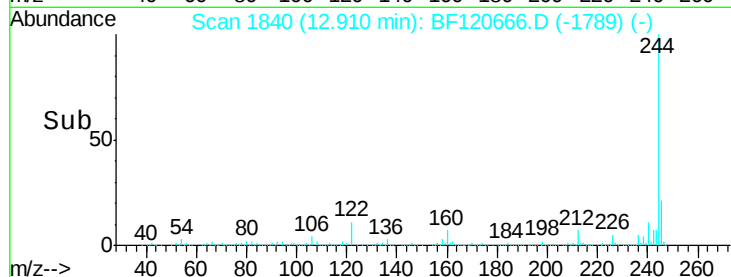
122 11.1 8.3 12.5



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



#86

Perylene-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

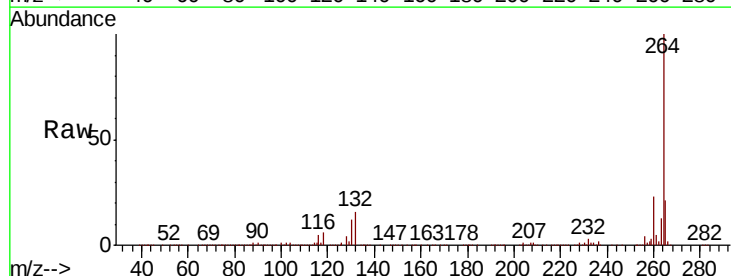
Tgt Ion:264 Resp: 518002

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 20.9 17.8 26.8



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

