

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120696.D
 Acq On : 23 Jun 2020 1:02
 Operator : JU/CG
 Sample : L3079-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JFK-SB-IB-1.0-5.0

Quant Time: Jun 23 01:40:30 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	147865	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	556800	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	282219	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	551179	20.00	ng	0.00
76) Chrysene-d12	13.96	240	426874	20.00	ng	0.00
86) Perylene-d12	15.42	264	451033	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	708900	82.19	ng	0.00
7) Phenol-d6	6.43	99	878529	81.78	ng	0.00
23) Nitrobenzene-d5	7.36	82	561264	56.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	283687	86.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1105465	59.93	ng	0.00
79) Terphenyl-d14	12.91	244	1318421	68.22	ng	0.00

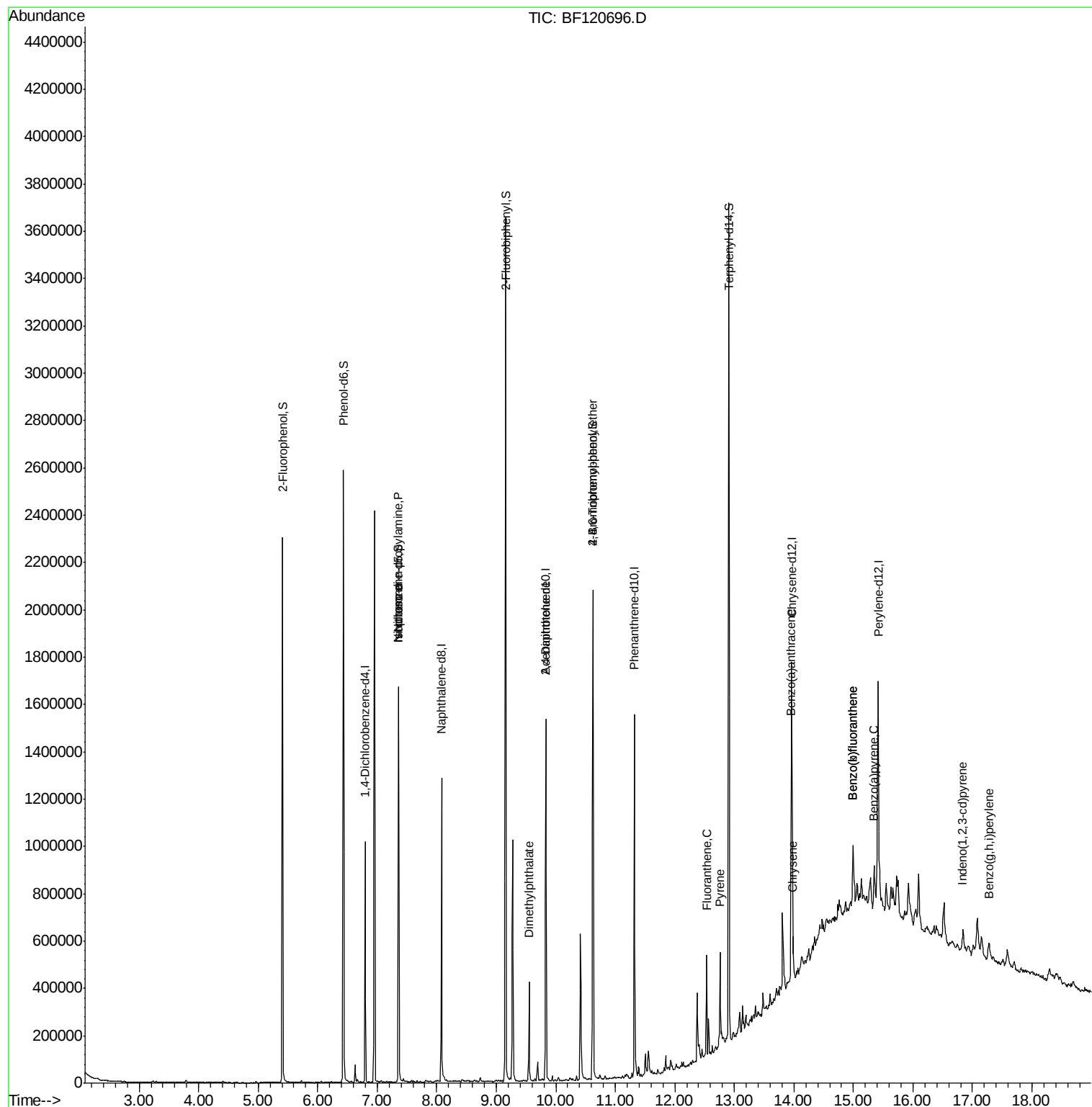
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	74599	11.972	ng	# 79
25) Isophorone	7.36	82	561256	28.925	ng	# 62
50) Dimethylphthalate	9.55	163	177039	8.710	ng	98
57) 2,4-Dinitrotoluene	9.83	165	36342	5.946	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	16516	2.640	ng	# 1
75) Fluoranthene	12.53	202	160590	5.126	ng	98
78) Pyrene	12.76	202	158185	5.231	ng	98
81) Benzo(a)anthracene	13.95	228	91007	3.549	ng	97
83) Chrysene	13.99	228	74687	2.839	ng	96
87) Indeno(1,2,3-cd)pyrene	16.84	276	55290	2.015	ng	97
88) Benzo(b)fluoranthene	14.99	252	145064	5.399	ng	# 89
89) Benzo(k)fluoranthene	14.99	252	145064	6.102	ng	# 89
90) Benzo(a)pyrene	15.35	252	81499	3.389	ng	# 91
92) Benzo(a,h,i)perylene	17.27	276	51815	2.337	ng	# 93

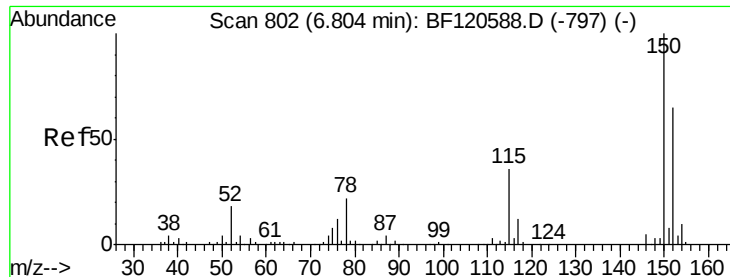
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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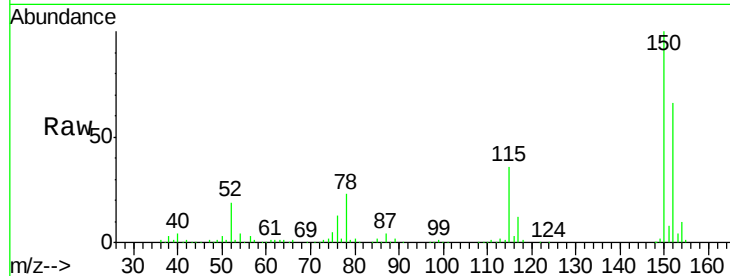


#1

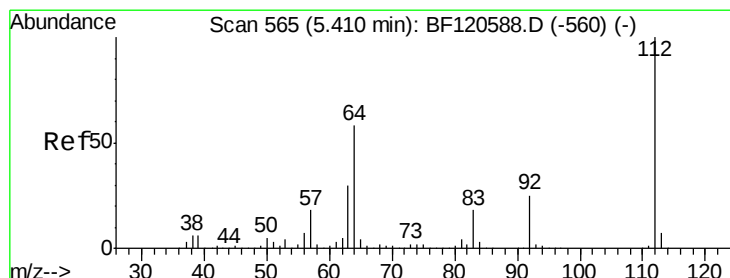
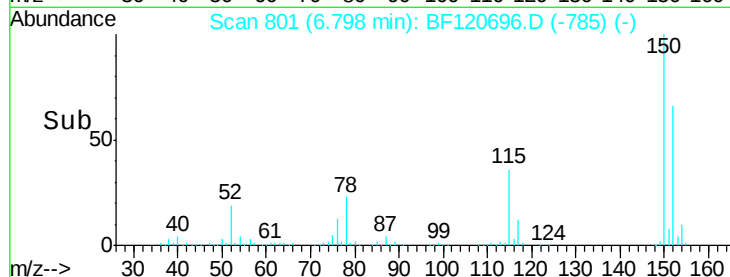
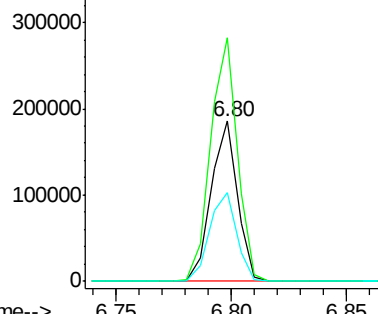
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.2	184.8
115	55.2	43.9	65.9



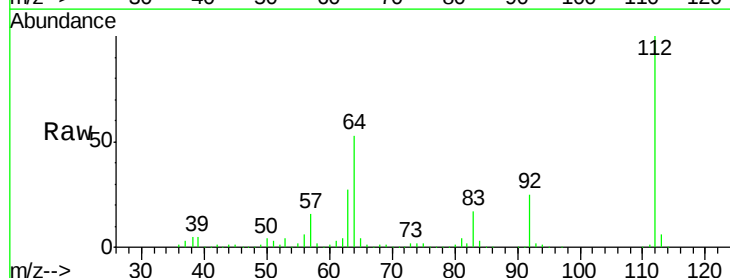
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



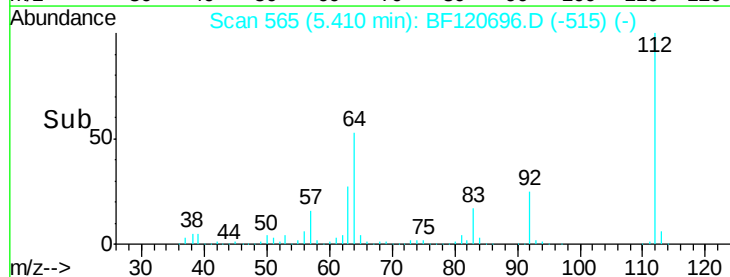
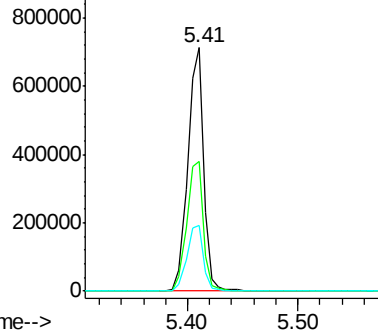
#5

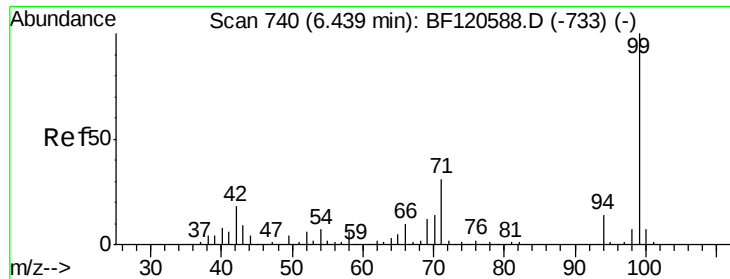
2-Fluorophenol
Concen: 82.195 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.1	69.1
63	26.8	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: 81.785 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Instrument :

BNA_F

ClientSampleId :

JFK-SB-IB-1.0-5.0

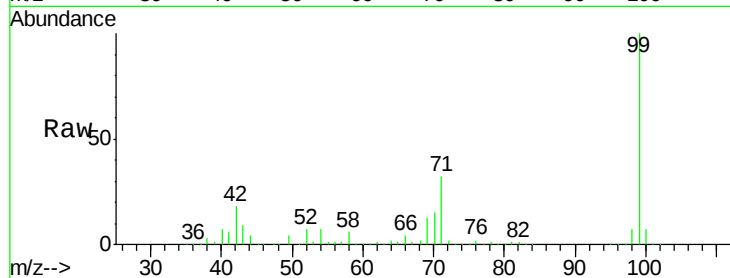
Tot Ion: 99 Resp: 878529

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

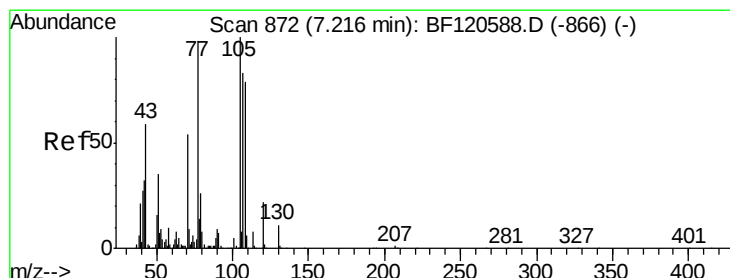
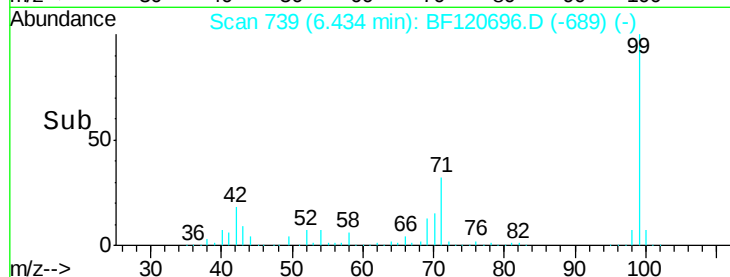
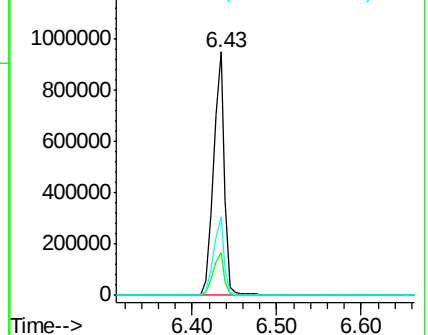
71 32.3 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.972 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Tgt Ion: 70 Resp: 74599

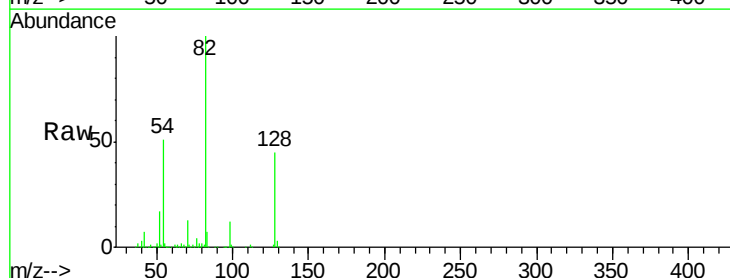
Ion Ratio Lower Upper

70 100

42 49.2 47.7 71.5

101 0.0 7.6 11.4#

130 2.1 16.7 25.1#

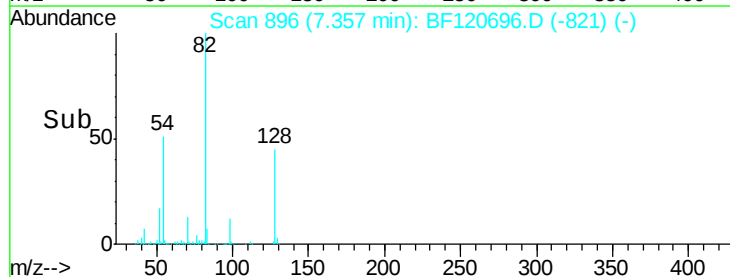
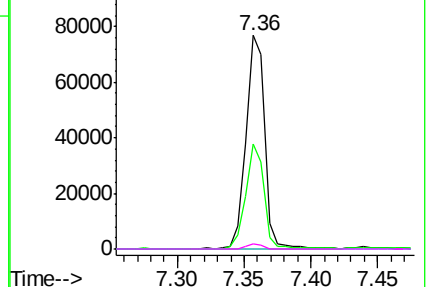


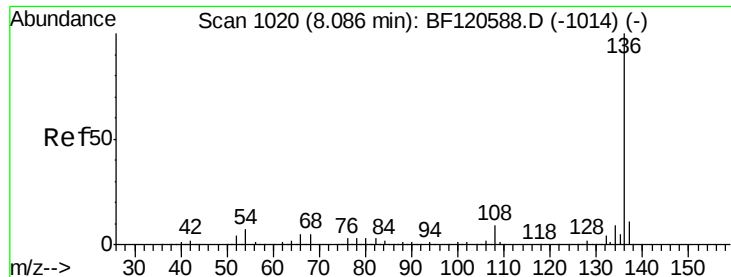
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

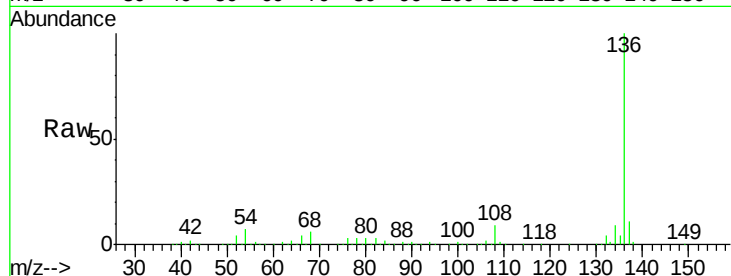




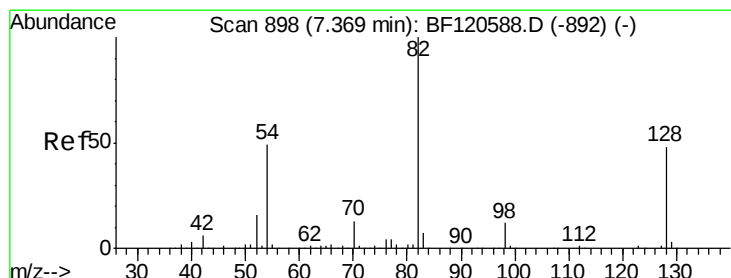
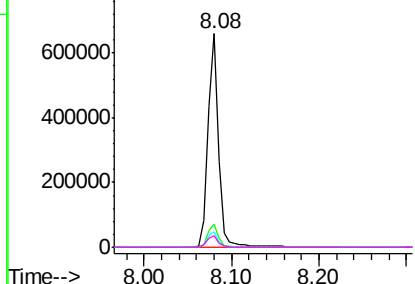
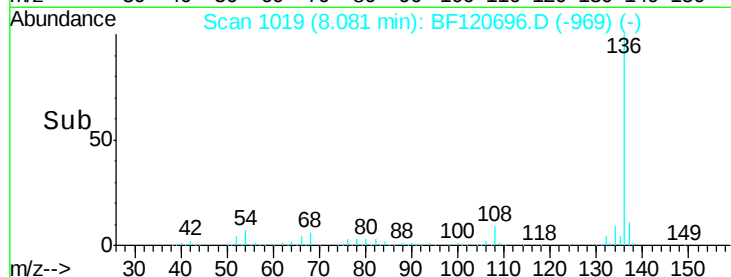
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion:136	Resp:	556800
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	7.3	5.8 8.6
68	5.6	4.4 6.6

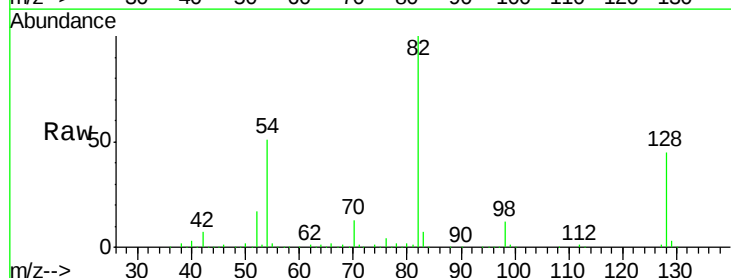


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

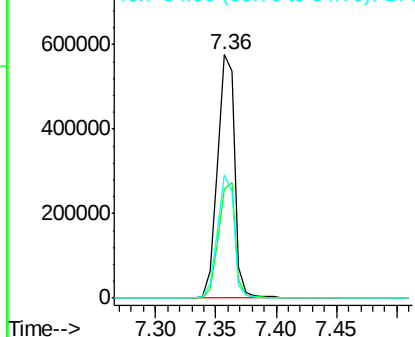
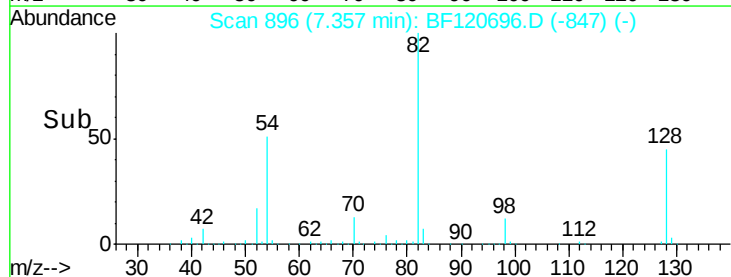


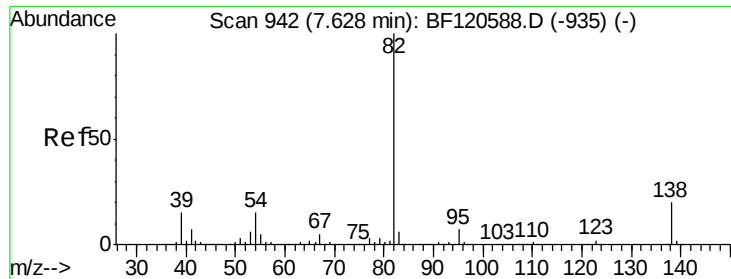
#23
Nitrobenzene-d5
Concen: 56.345 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion: 82	Resp:	561264
Ion Ratio	Lower	Upper
82	100	
128	45.0	38.0 57.0
54	50.7	38.8 58.2



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: 28.925 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Instrument :

BNA_F

ClientSampleId :

JFK-SB-IB-1.0-5.0

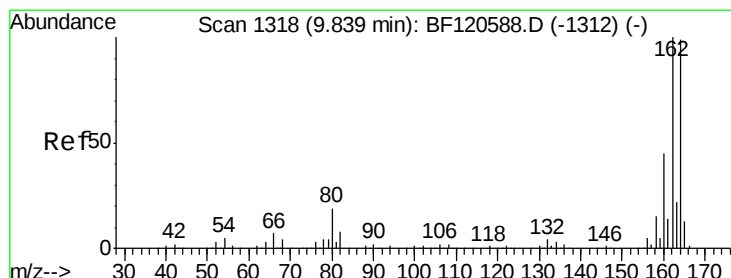
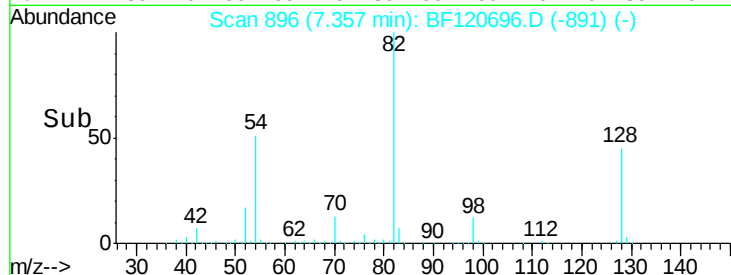
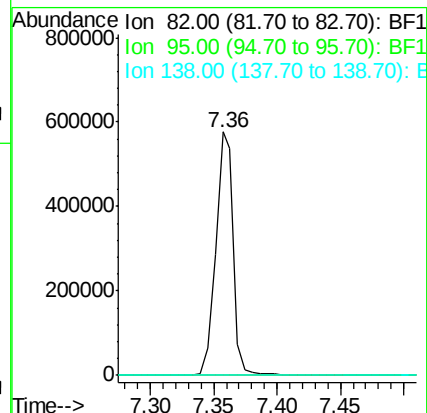
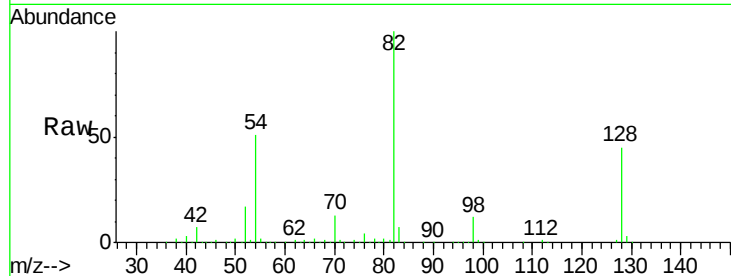
Tot Ion: 82 Resp: 561256

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 16.2 24.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

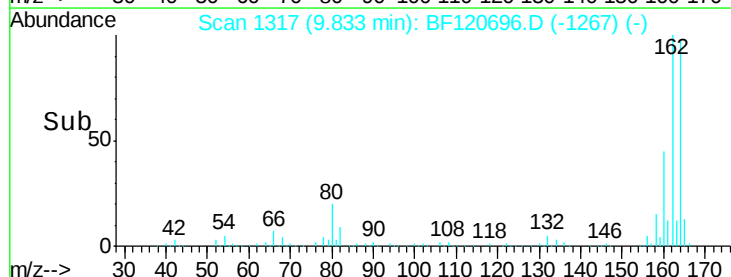
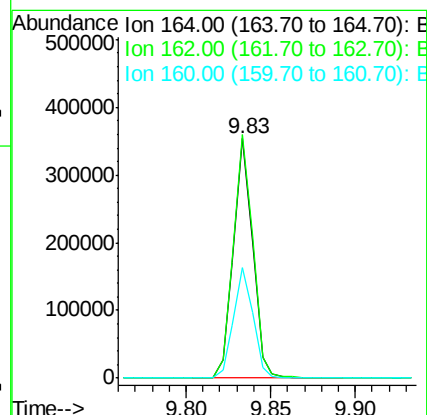
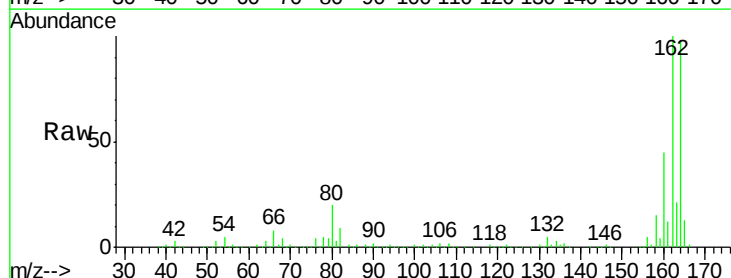
Tgt Ion: 164 Resp: 282219

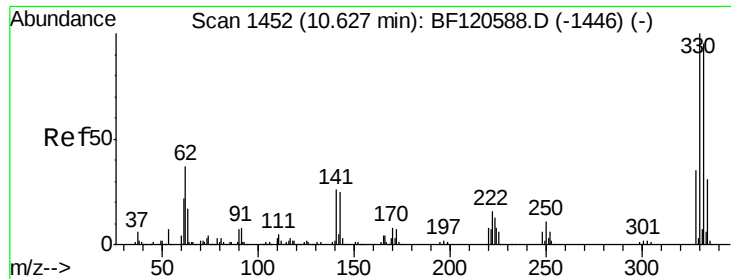
Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 46.0 36.2 54.2

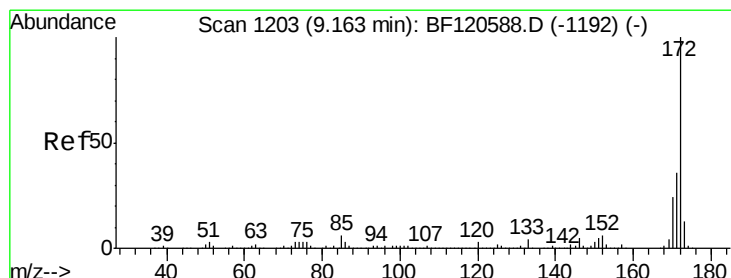
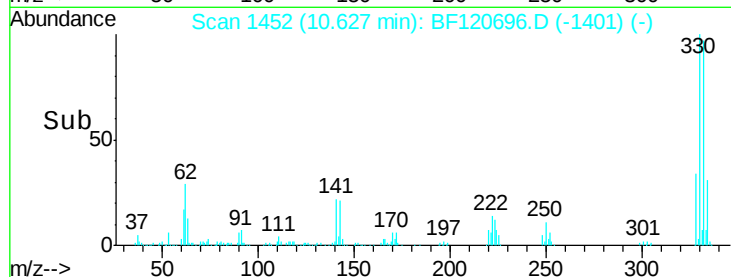
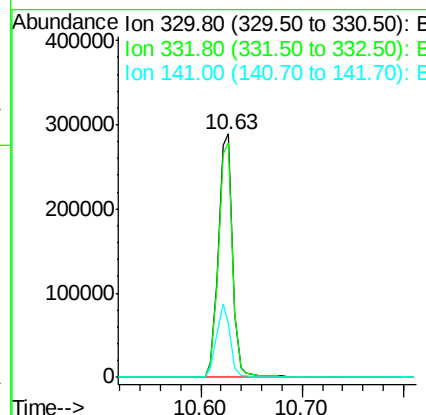
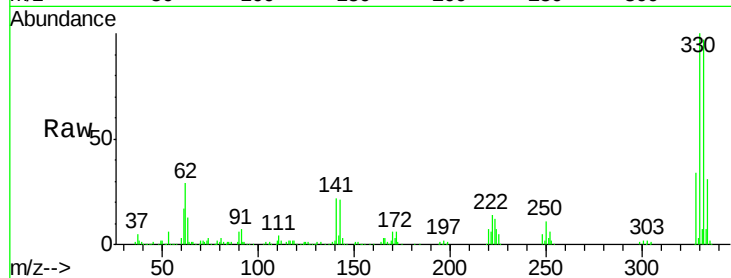




#42
 2,4,6-Tribromophenol
 Concen: 86.459 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120696.D
 Acq: 23 Jun 2020 1:02

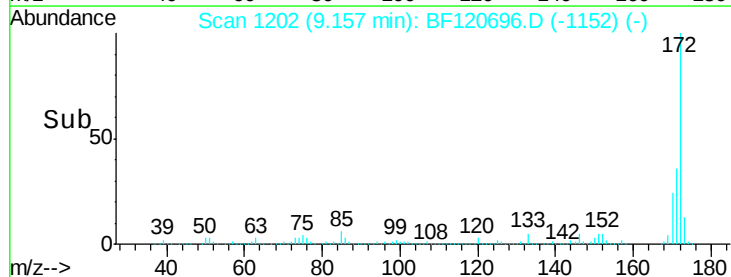
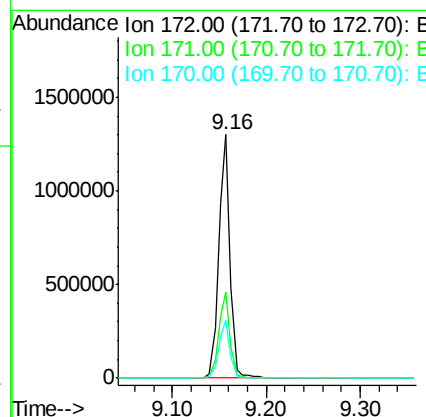
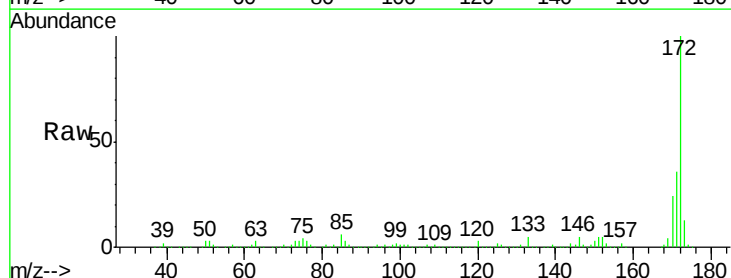
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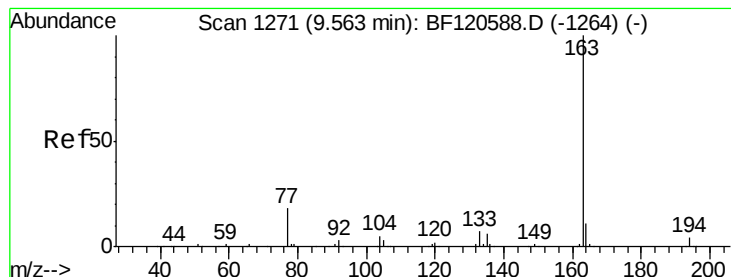
Tot Ion:330 Resp: 283687
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 29.1 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 59.930 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120696.D
 Acq: 23 Jun 2020 1:02

Tgt Ion:172 Resp: 1105465
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.8 19.4 29.2





#50

Dimethylphthalate

Concen: 8.710 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Instrument :

BNA_F

ClientSampleId :

JFK-SB-IB-1.0-5.0

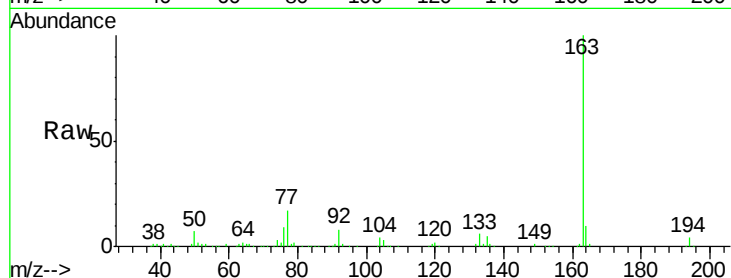
Tot Ion:163 Resp: 177039

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

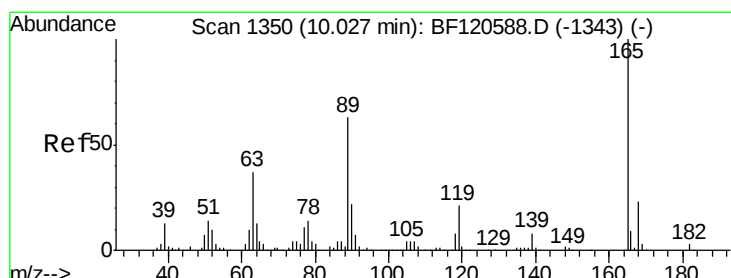
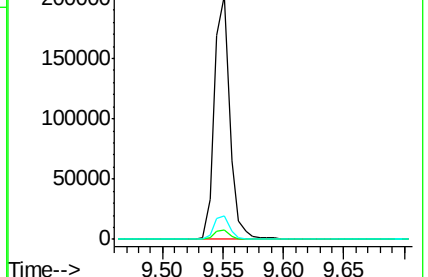
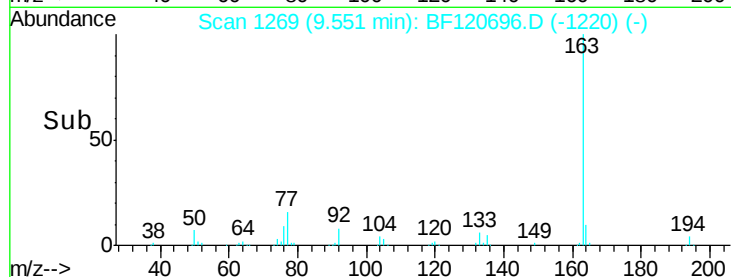
164 9.7 8.5 12.7



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: 5.946 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Tgt Ion:165 Resp: 36342

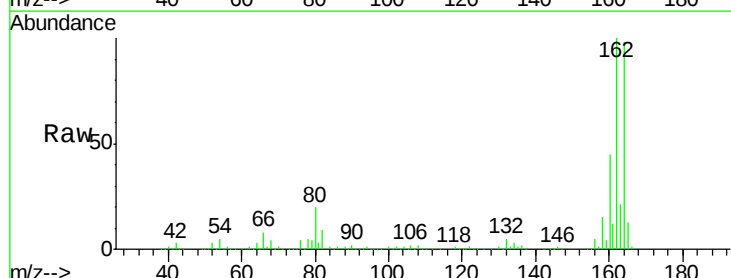
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 1.3 50.4 75.6#

182 0.0 2.1 3.1#

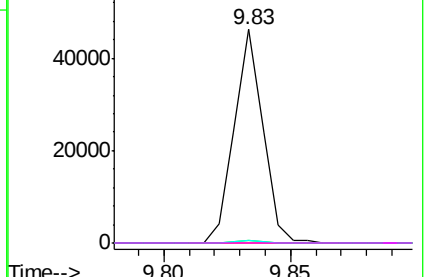
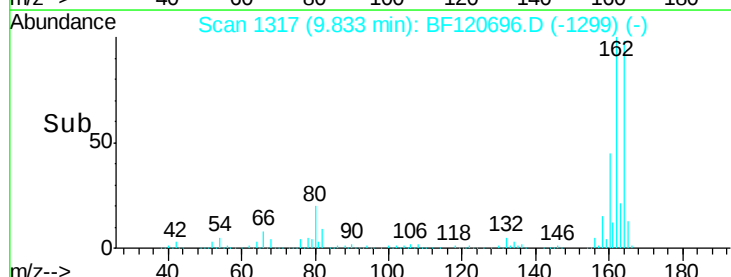


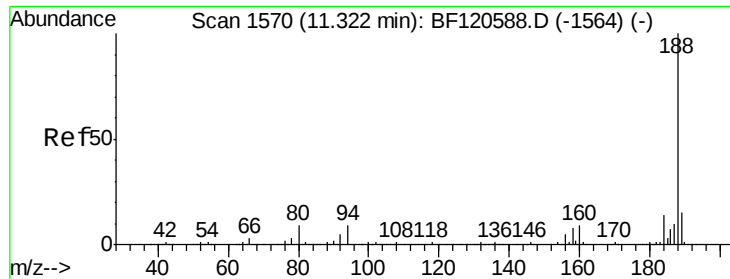
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1570

Delta R.T. 0.00 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Instrument :

BNA_F

ClientSampleId :

JFK-SB-IB-1.0-5.0

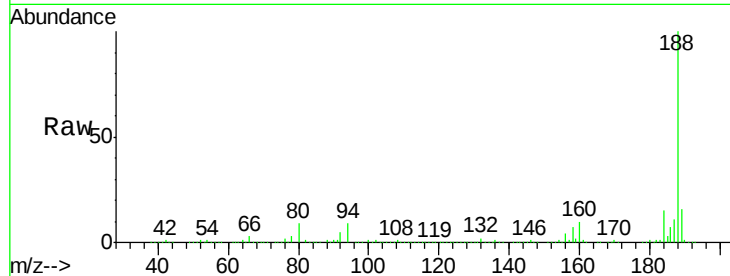
Tot Ion:188 Resp: 551179

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

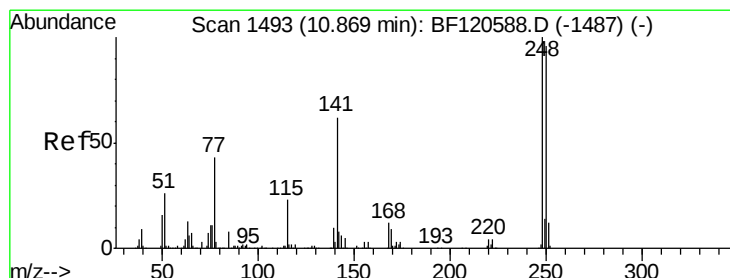
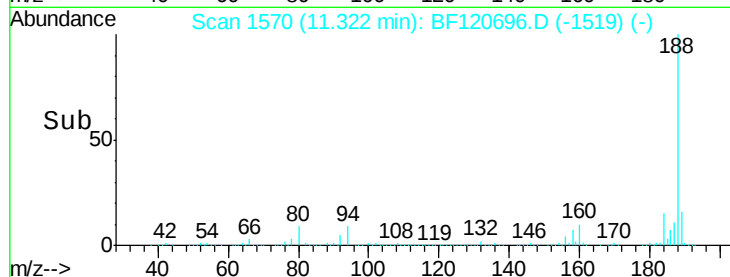
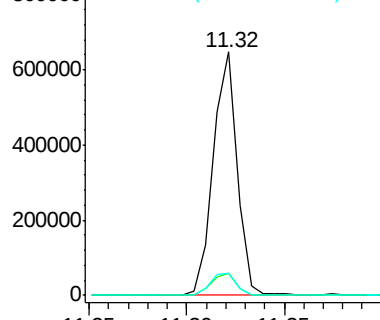
80 9.1 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 2.640 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

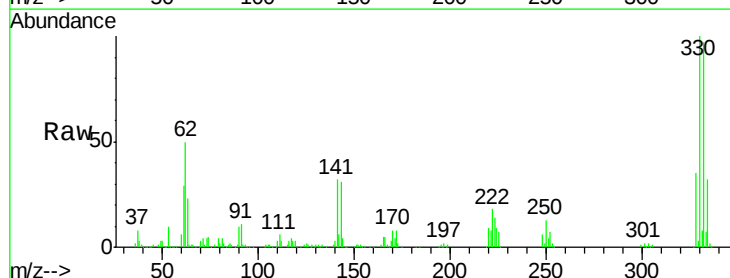
Tgt Ion:248 Resp: 16516

Ion Ratio Lower Upper

248 100

250 197.9 76.7 115.1#

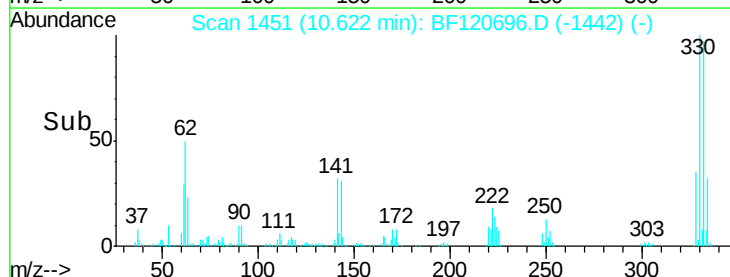
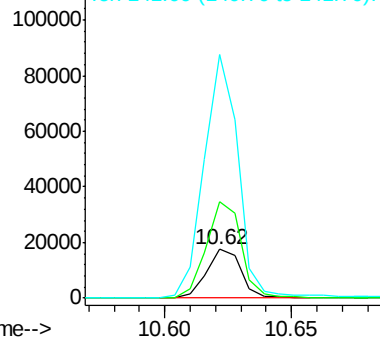
141 498.6 49.4 74.0#

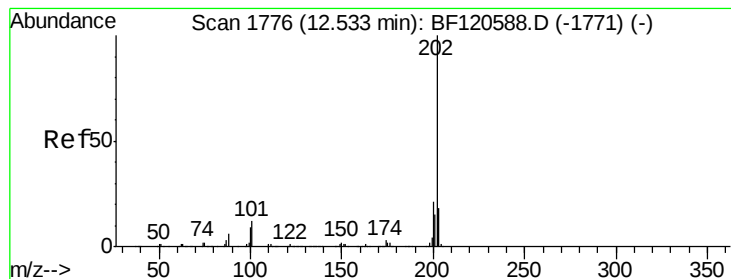


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 5.126 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

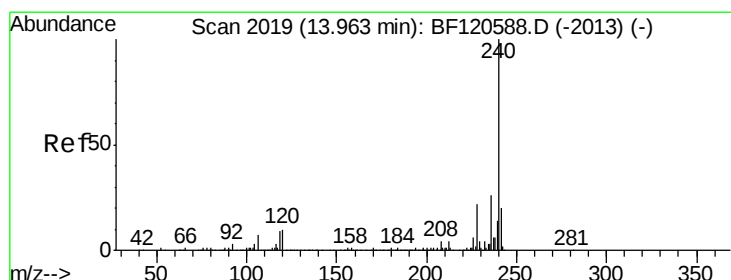
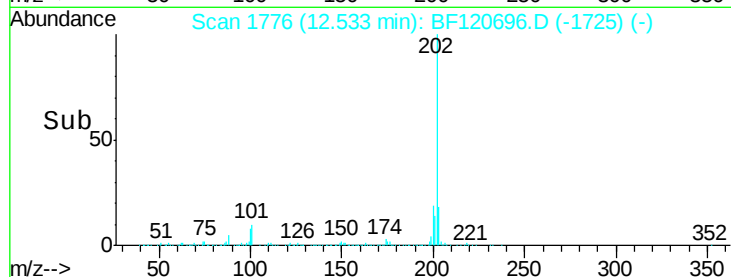
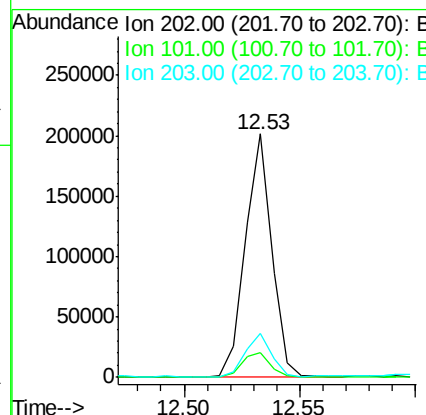
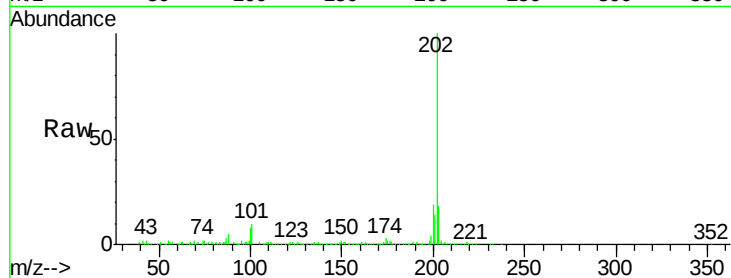
Instrument :

BNA_F

ClientSampleId :

JFK-SB-IB-1.0-5.0

Tot Ion:	202	Resp:	160590
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.0
203	18.1	0.0	38.3



#76

Chrysene-d12

Concen: 20.000 ng

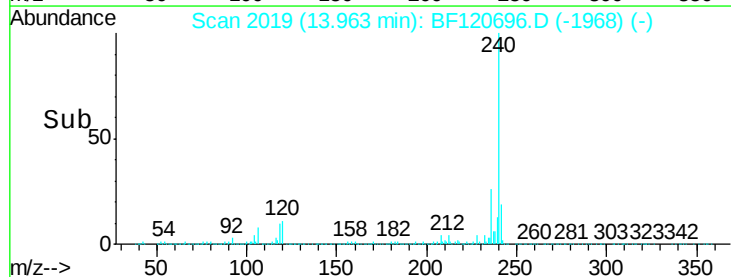
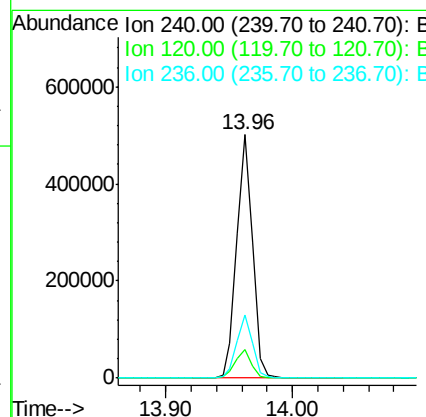
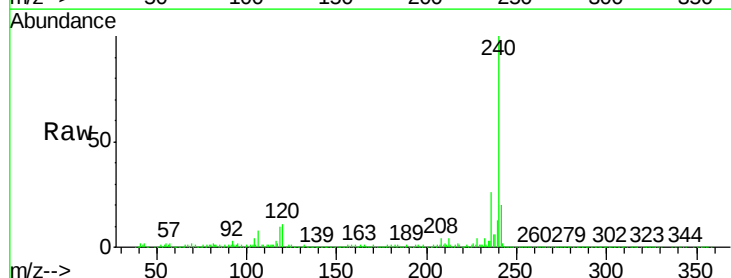
RT: 13.96 min Scan# 2019

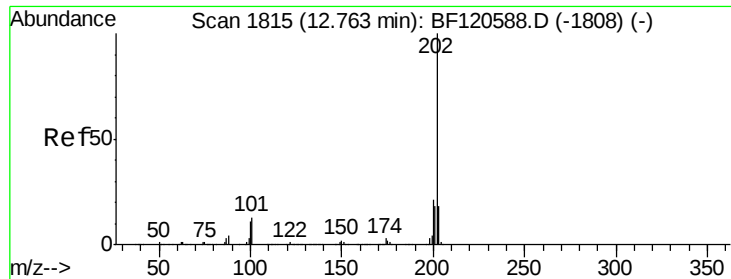
Delta R.T. 0.00 min

Lab File: BF120696.D

Acq: 23 Jun 2020 1:02

Tgt Ion:	240	Resp:	426874
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.0	21.0	31.4

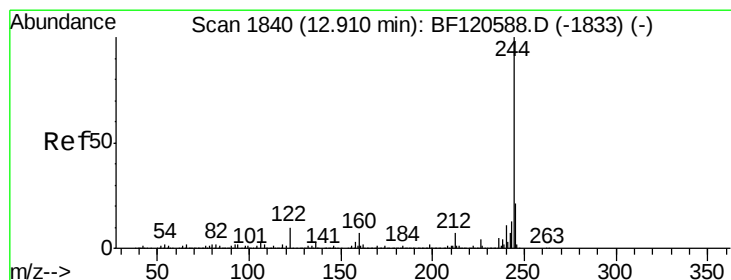
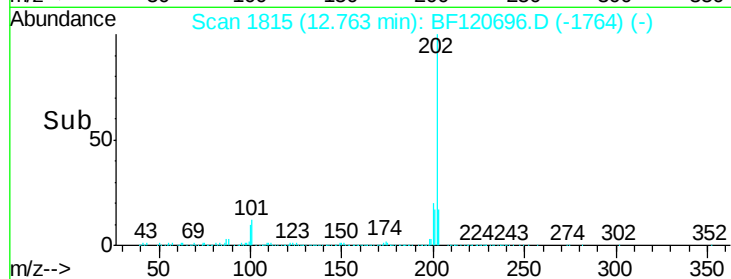
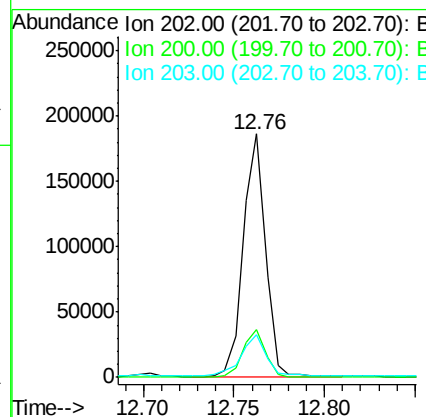
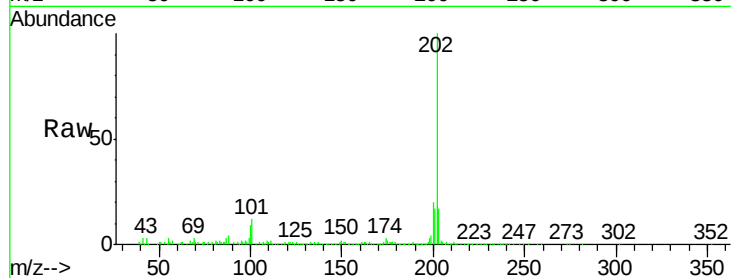




#78
Pvrene
Concen: 5.231 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

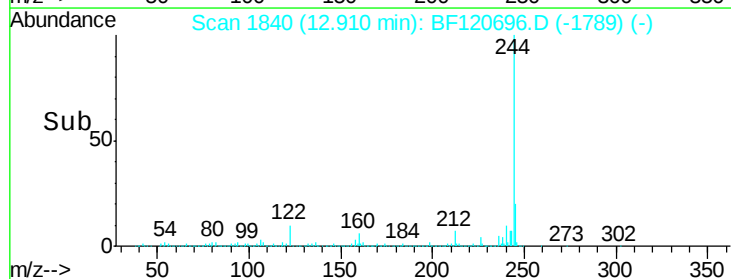
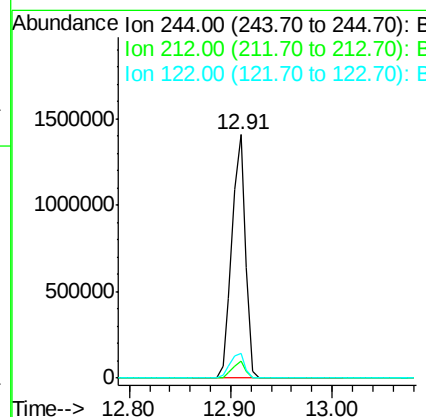
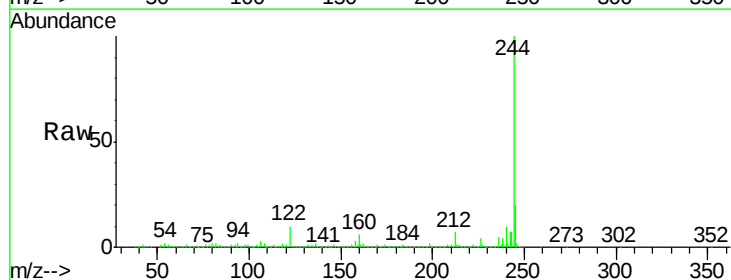
Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

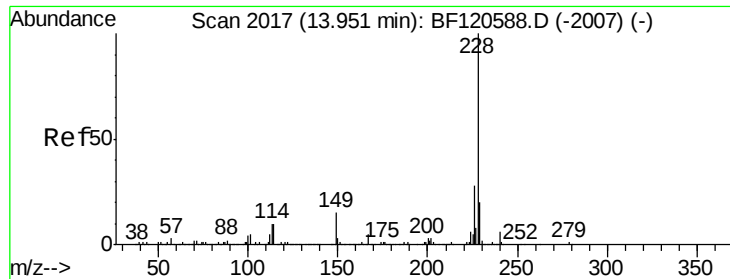
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	17.4	14.3	21.5



#79
Terphenyl-d14
Concen: 68.222 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.4	8.3	12.5

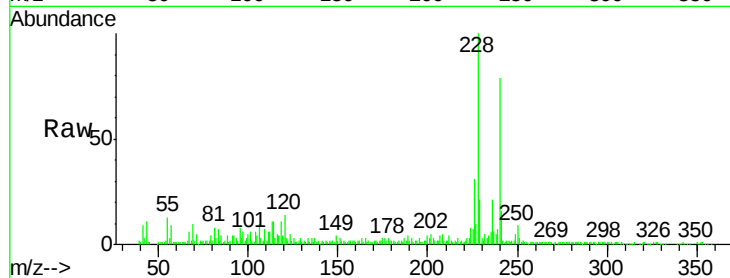




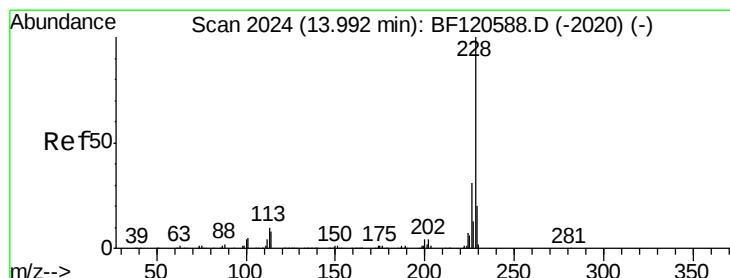
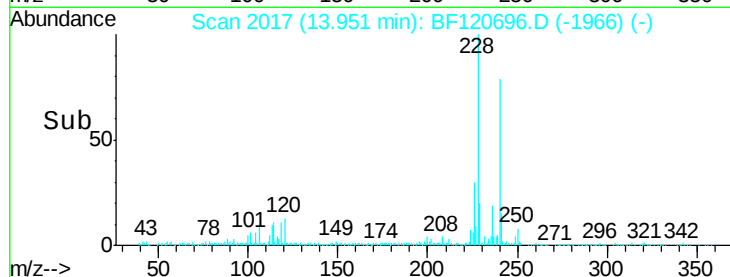
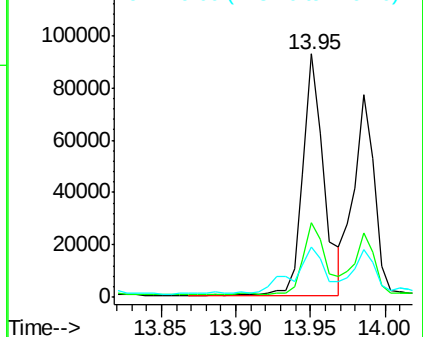
#81
Benzo(a)anthracene
Concen: 3.549 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion:228 Resp: 91007
Ion Ratio Lower Upper
228 100
226 30.7 22.5 33.7
229 20.7 16.1 24.1

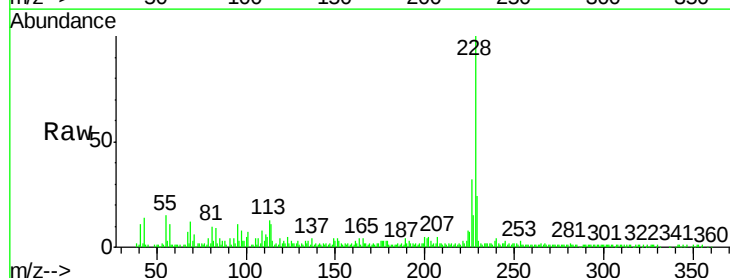


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

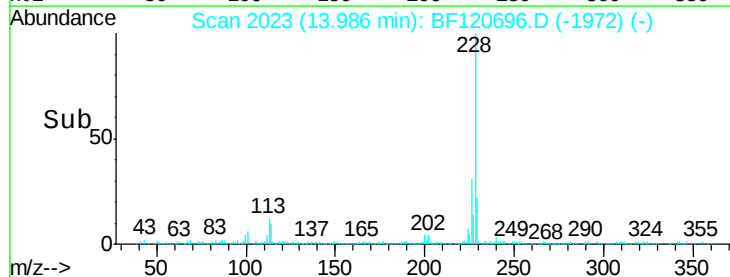
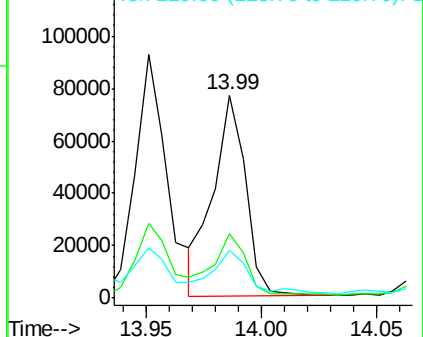


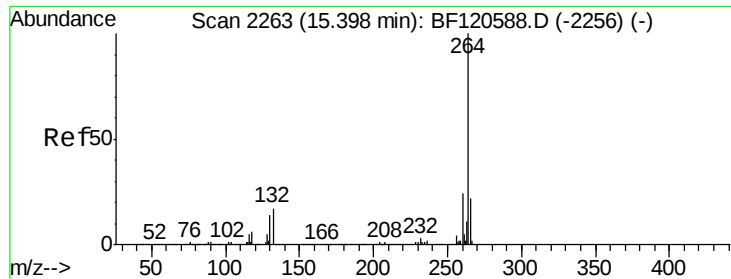
#83
Chrysene
Concen: 2.839 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion:228 Resp: 74687
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



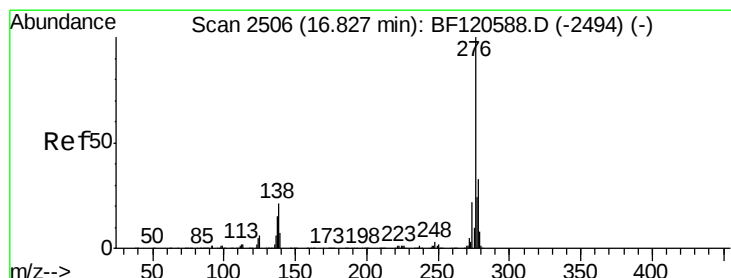
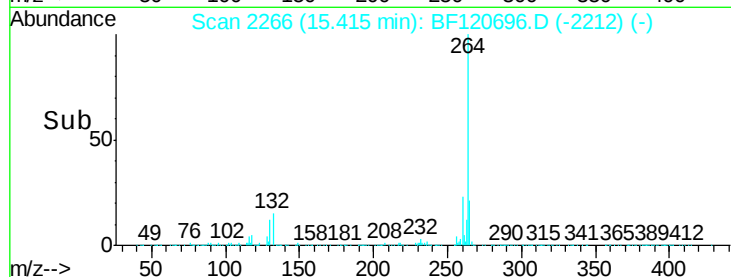
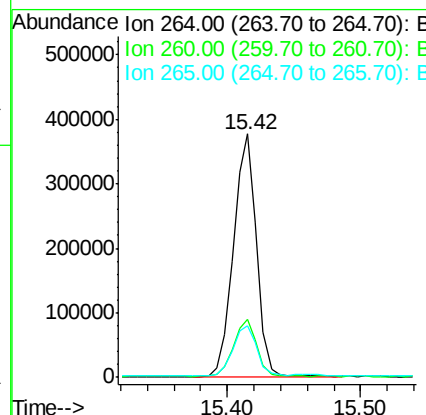
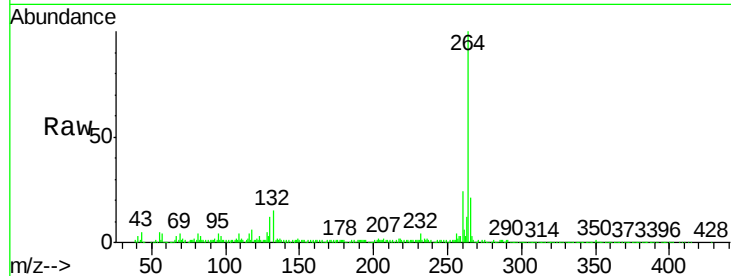


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion:264 Resp: 451033

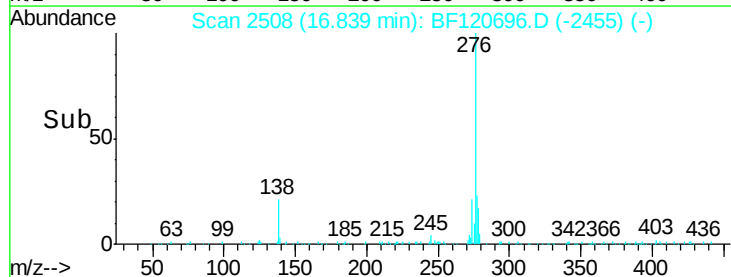
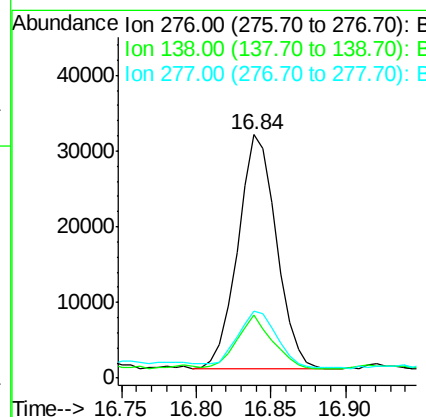
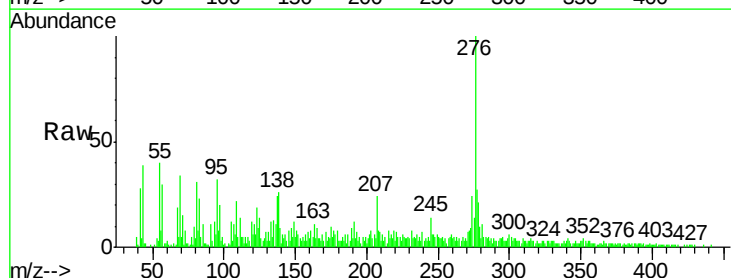
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.4	17.8	26.8

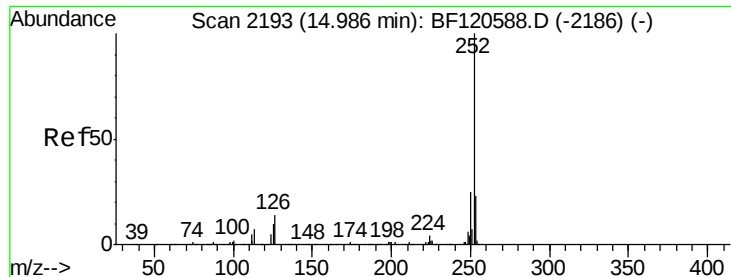


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.015 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion:276 Resp: 55290

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.9	28.3
277	26.2	20.2	30.2

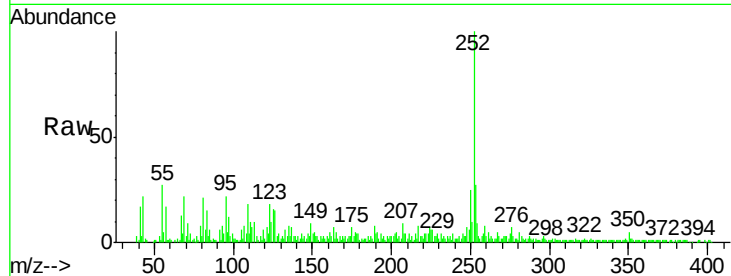




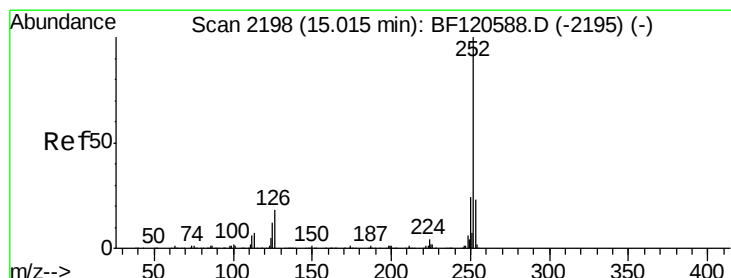
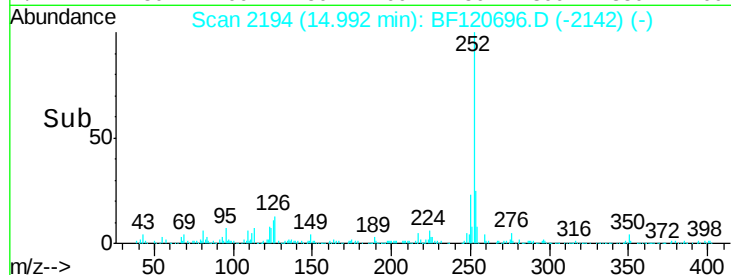
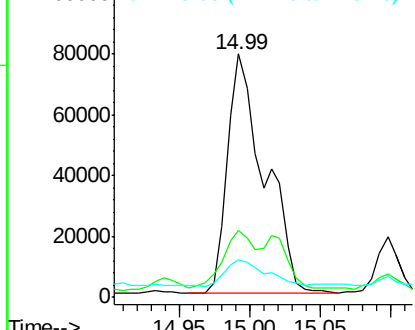
#88
Benzo(b)fluoranthene
Concen: 5.399 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion:252 Resp: 145064
Ion Ratio Lower Upper
252 100
253 27.4 18.1 27.1#
125 15.5 8.3 12.5#

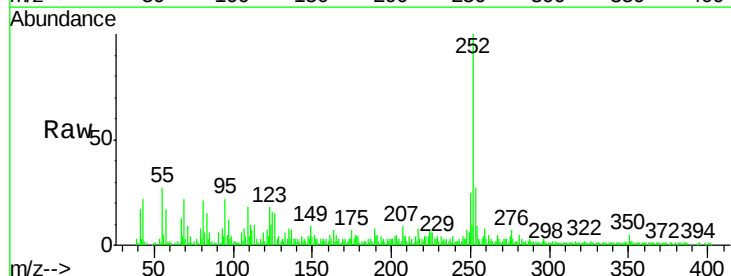


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

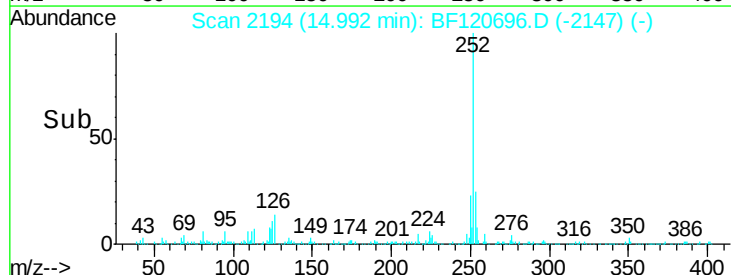
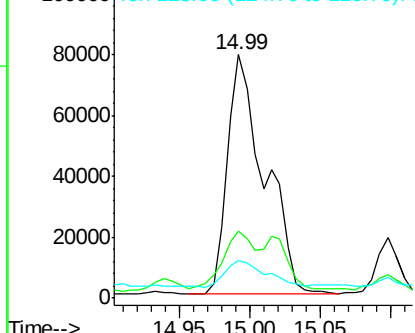


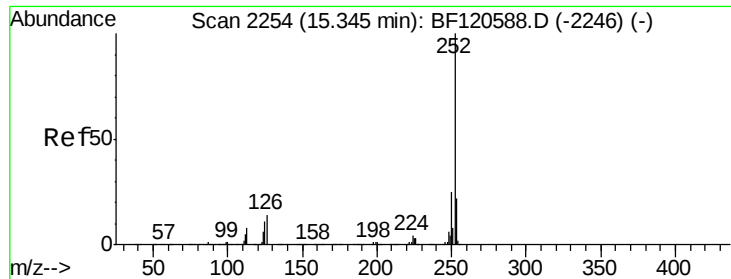
#89
Benzo(k)fluoranthene
Concen: 6.102 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion:252 Resp: 145064
Ion Ratio Lower Upper
252 100
253 27.4 18.0 27.0#
125 15.5 8.3 12.5#



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

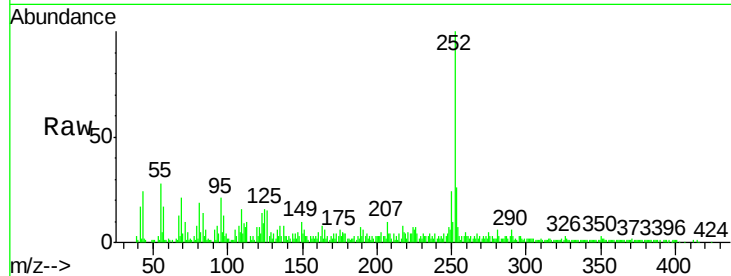




#90
Benzo(a)pyrene
Concen: 3.389 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Instrument :
BNA_F
ClientSampleId :
JFK-SB-IB-1.0-5.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	15.8	8.6	12.8

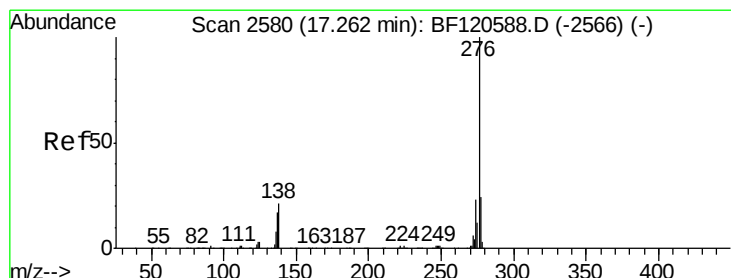
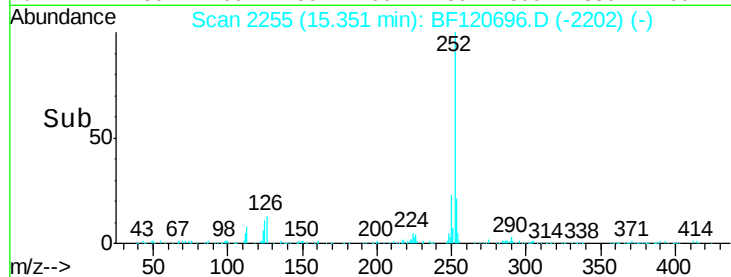
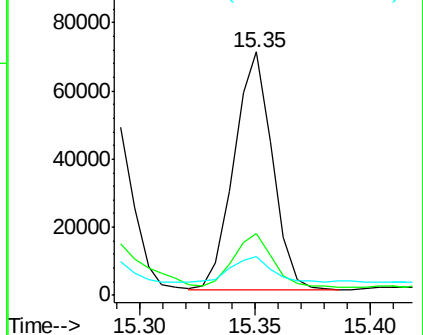


Abundance

Ion 252.00 (251.70 to 252.70): E

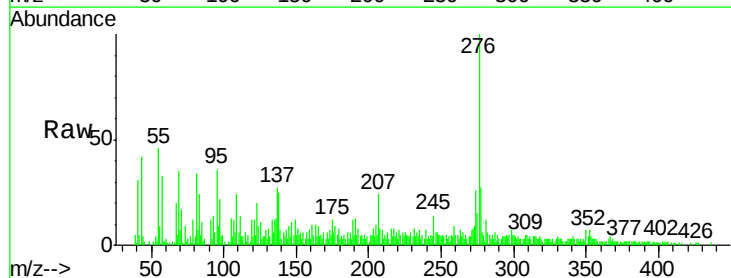
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.337 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120696.D
Acq: 23 Jun 2020 1:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.6	29.4
138	25.0	16.5	24.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

