

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120741.D
 Acq On : 29 Jun 2020 21:38
 Operator : JU/CG
 Sample : L3128-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 44-08

Quant Time: Jun 30 00:35:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50157	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	462865	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	96045	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	170092	20.00	ng	0.01
76) Chrysene-d12	13.96	240	146580	20.00	ng	0.00
86) Perylene-d12	15.41	264	152915	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	253408	86.62	ng	0.08
7) Phenol-d6	6.51	99	326862	89.70	ng	0.08
23) Nitrobenzene-d5	7.36	82	477848	57.71	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	76776	68.76	ng	0.01
45) 2-Fluorobiphenyl	9.15	172	688852	109.73	ng	0.00
79) Terphenyl-d14	12.91	244	488673	73.64	ng	0.01

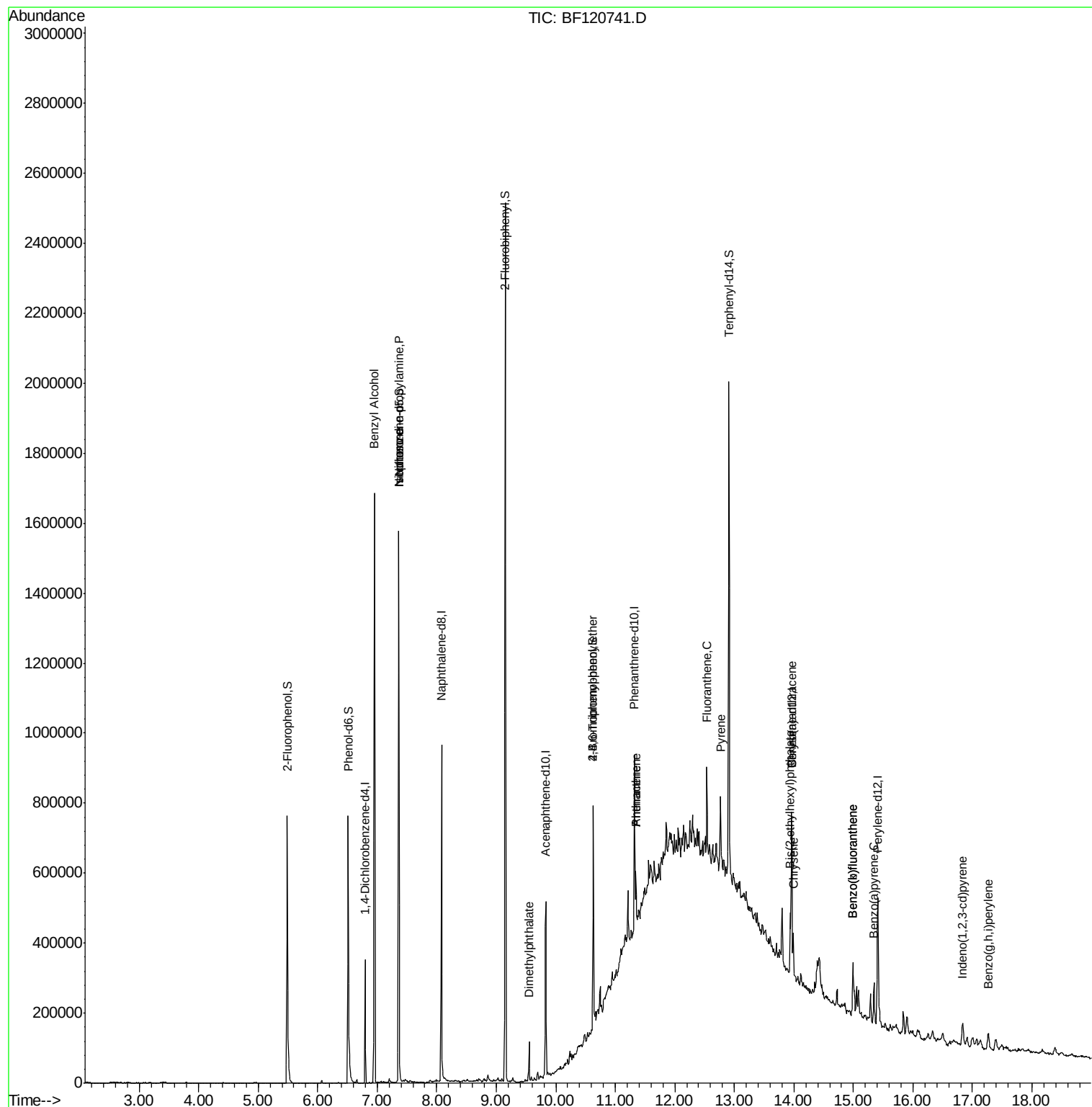
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.95	79	6982	2.702	ng	# 49
19) n-Nitroso-di-n-propylamine	7.36	70	62417	29.531	ng	# 77
25) Isophorone	7.36	82	477843	29.624	ng	# 62
50) Dimethylphthalate	9.55	163	44342	6.410	ng	98
67) 4-Bromophenyl-phenylether	10.63	248	4784	2.478	ng	# 1
71) Phenanthrene	11.35	178	46336	5.480	ng	96
72) Anthracene	11.35	178	46336	5.437	ng	96
75) Fluoranthene	12.54	202	100386	10.384	ng	98
78) Pyrene	12.77	202	89414	8.611	ng	99
81) Benzo(a)anthracene	13.96	228	54535	6.193	ng	99
83) Chrysene	13.99	228	51061	5.653	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	45453	8.077	ng	98
87) Indeno(1,2,3-cd)pyrene	16.83	276	35640	3.832	ng	97
88) Benzo(b)fluoranthene	14.99	252	100814	11.068	ng	98
89) Benzo(k)fluoranthene	14.99	252	100814	12.508	ng	# 96
90) Benzo(a)pyrene	15.34	252	52822	6.480	ng	97
92) Benzo(a,h,i)perylene	17.27	276	34581	4.600	ng	98

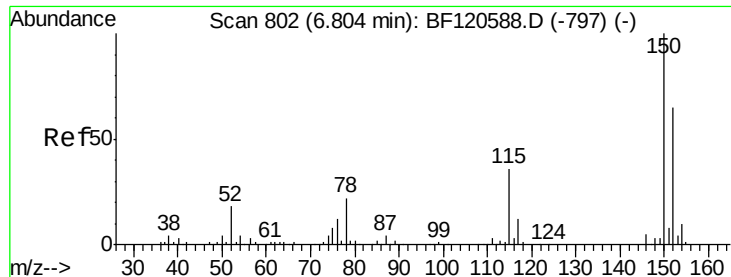
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120741.D
Acq On : 29 Jun 2020 21:38
Operator : JU/CG
Sample : L3128-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
44-08

Quant Time: Jun 30 00:35:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration



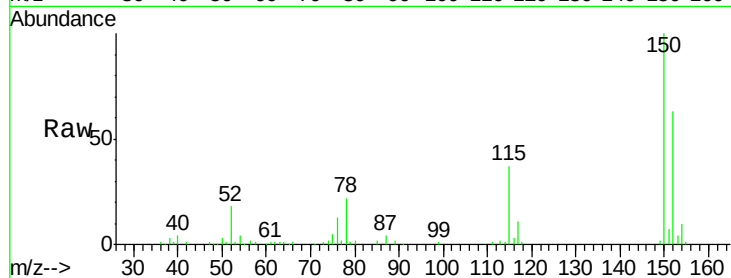


#1

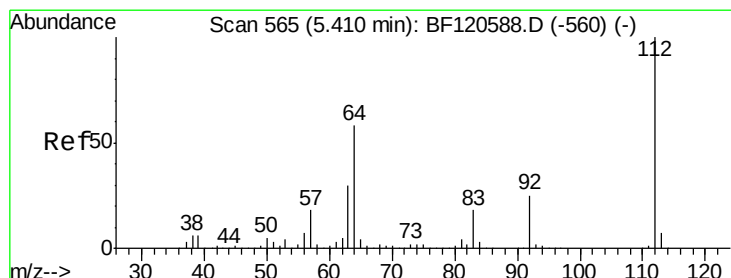
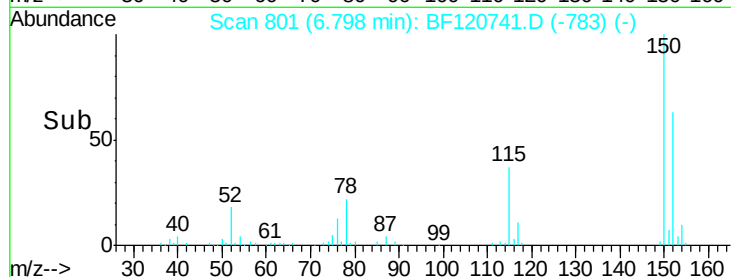
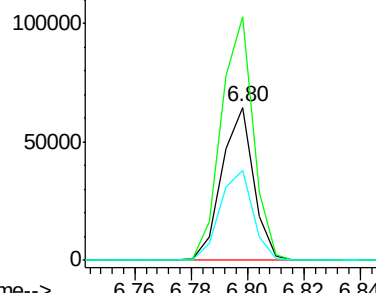
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampled :
44-08

Tot Ion:152 Resp: 50157
Ion Ratio Lower Upper
152 100
150 159.1 124.6 187.0
115 58.7 44.2 66.4



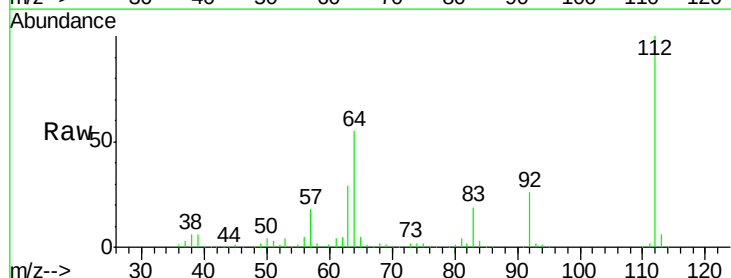
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



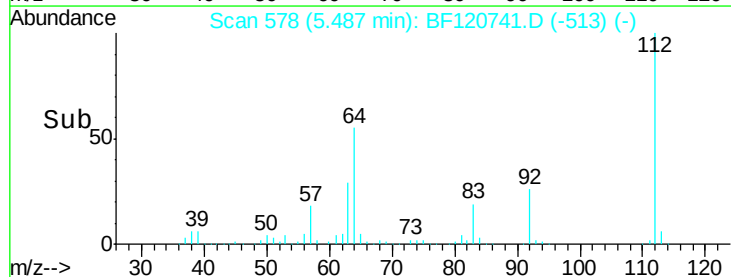
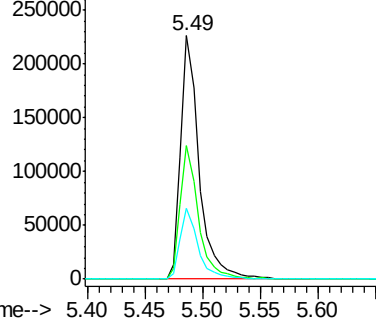
#5

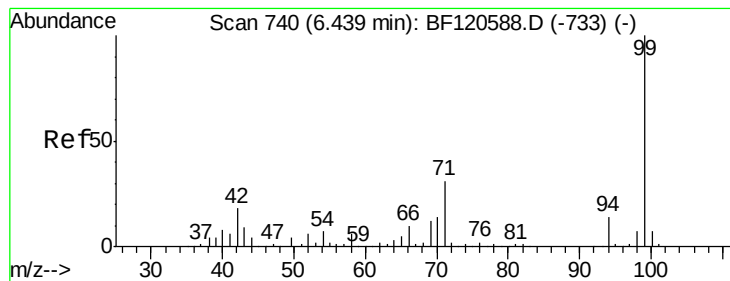
2-Fluorophenol
Concen: 86.619 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion:112 Resp: 253408
Ion Ratio Lower Upper
112 100
64 54.9 42.2 63.2
63 29.0 21.7 32.5



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: 89.705 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

ClientSampleId :

44-08

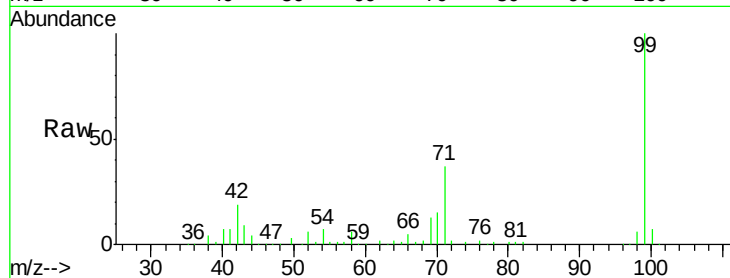
Tot Ion: 99 Resp: 326862

Ion Ratio Lower Upper

99 100

42 18.9 14.2 21.4

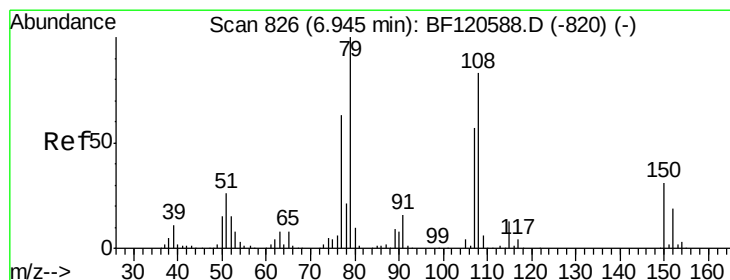
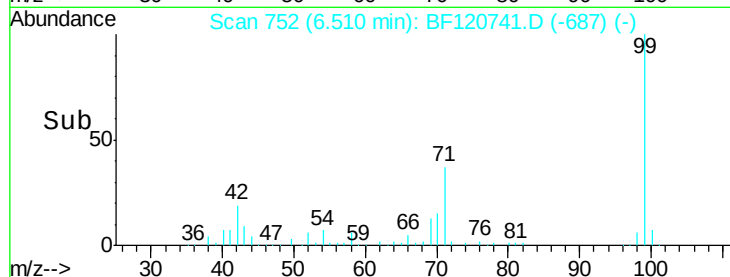
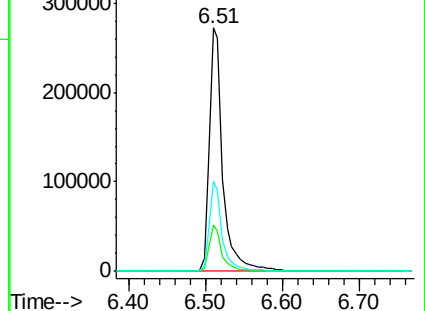
71 36.9 25.4 38.2



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



#15

Benzyl Alcohol

Concen: 2.702 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

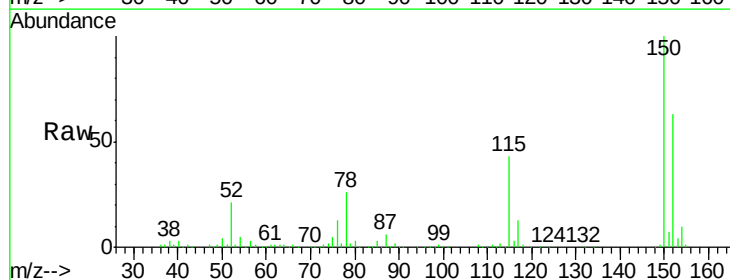
Tgt Ion: 79 Resp: 6982

Ion Ratio Lower Upper

79 100

108 32.6 66.1 99.1#

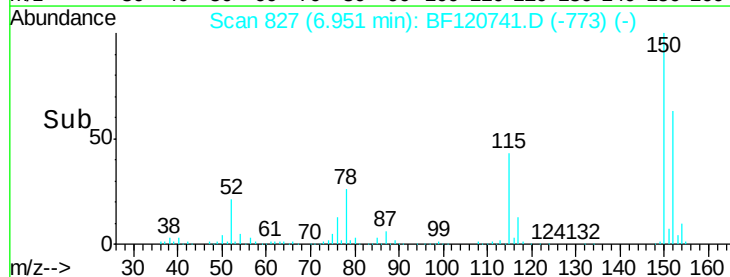
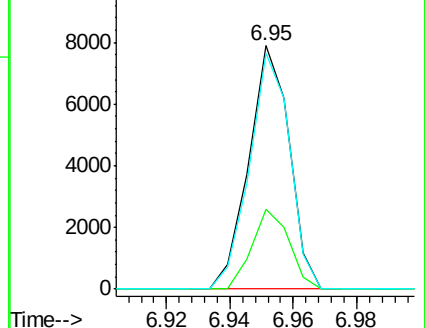
77 96.7 49.8 74.6#

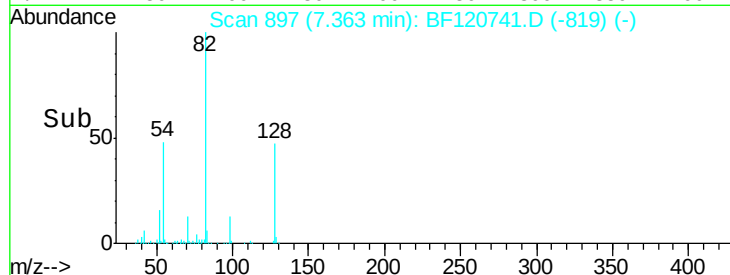
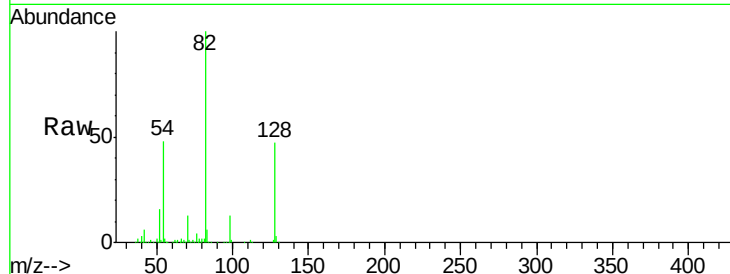
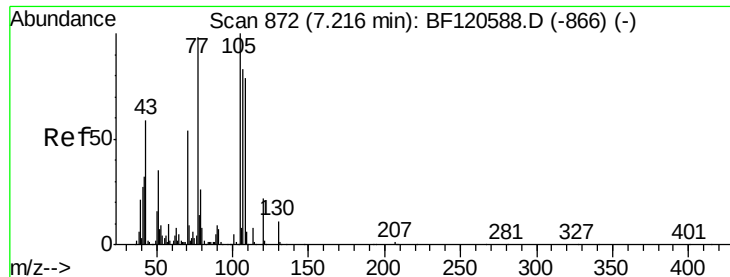


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

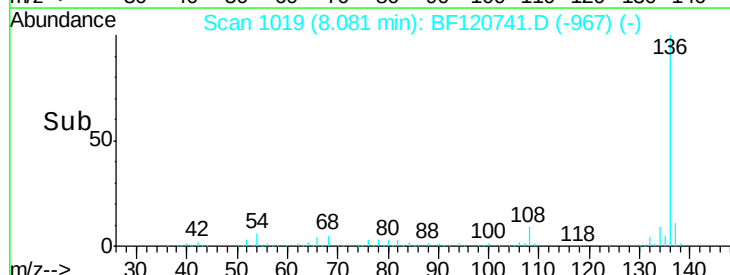
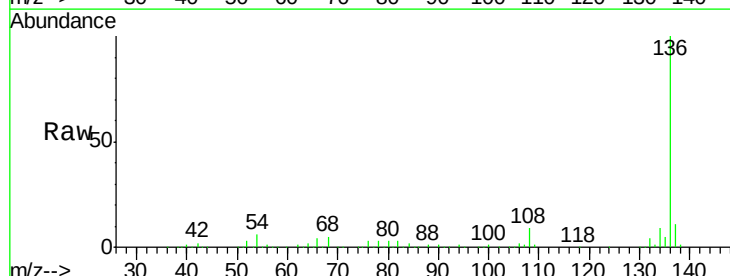
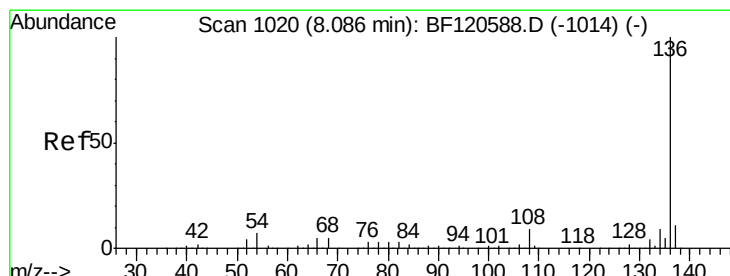
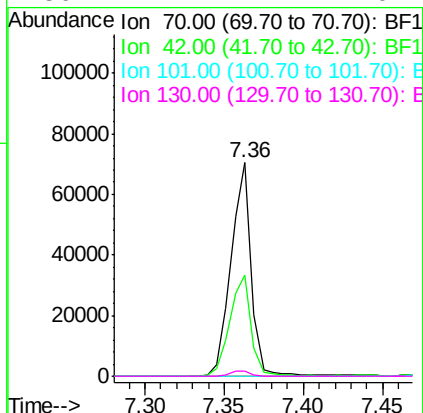




#19
n-Nitroso-di-n-propylamine
Concen: 29.531 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

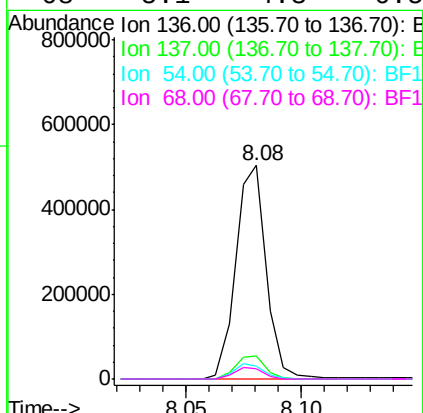
Instrument :
BNA_F
ClientSampled :
44-08

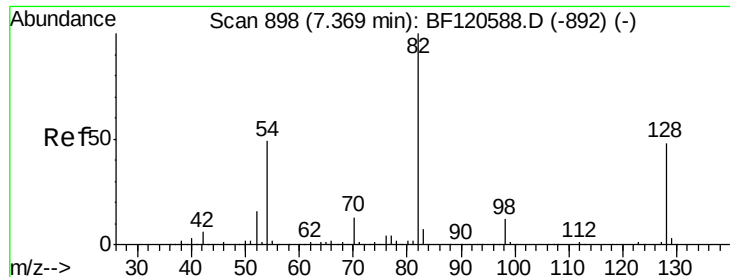
Tot Ion: 70 Resp: 62417
Ion Ratio Lower Upper
70 100
42 47.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion: 136 Resp: 462865
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.3 5.3 7.9
68 5.1 4.3 6.5

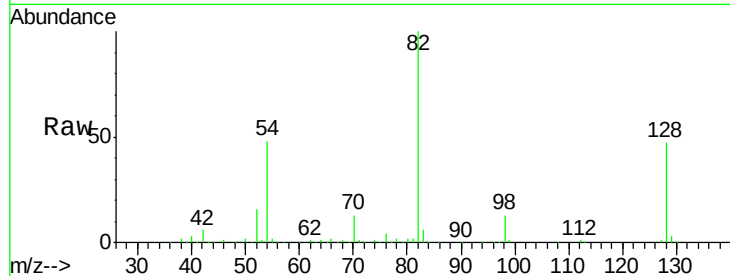




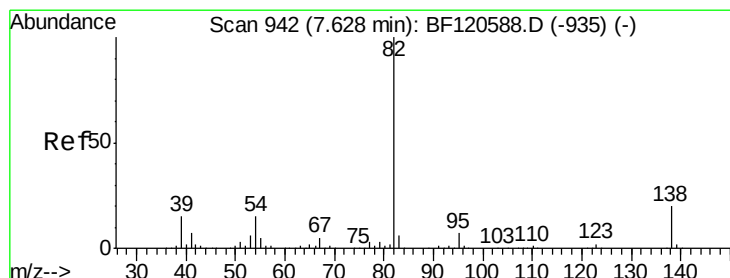
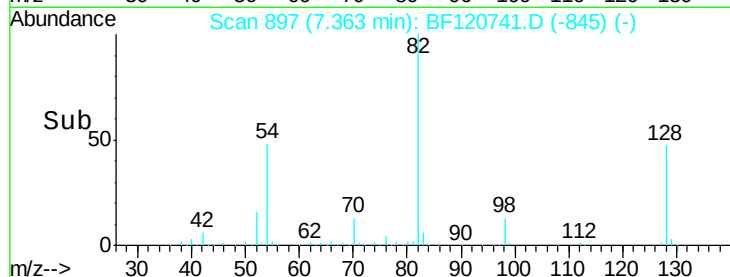
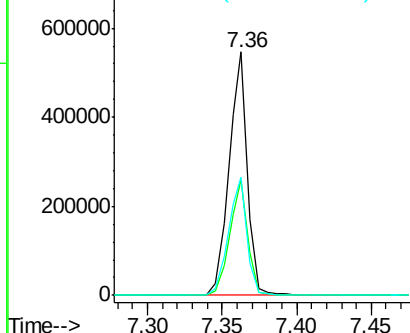
#23
 Nitrobenzene-d5
 Concen: 57.706 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Instrument :
 BNA_F
 ClientSampled :
 44-08

Tot Ion: 82 Resp: 477848
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.1 57.1
 54 48.3 38.8 58.2

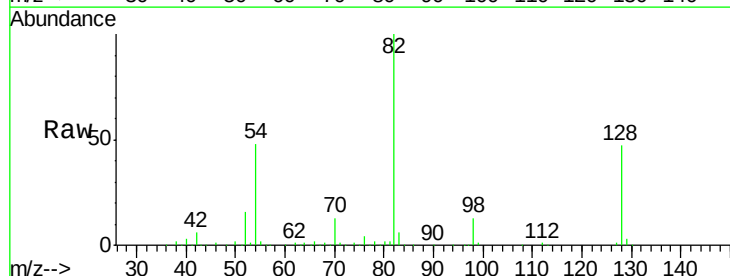


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

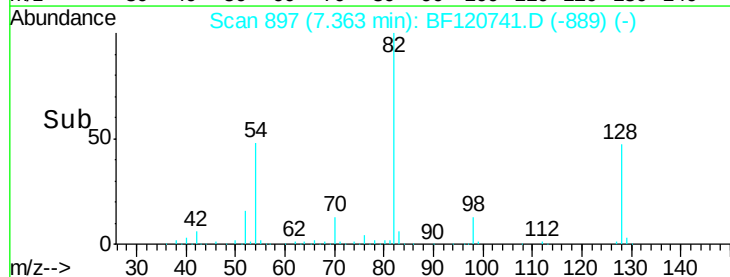
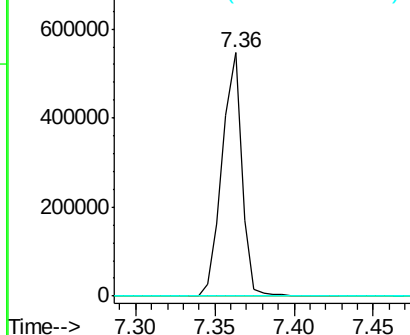


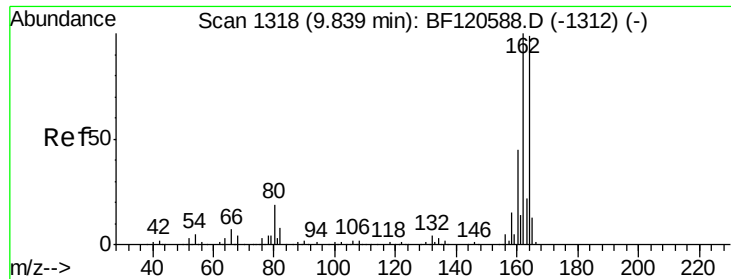
#25
 Isophorone
 Concen: 29.624 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Tgt Ion: 82 Resp: 477843
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 16.1 24.1#



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

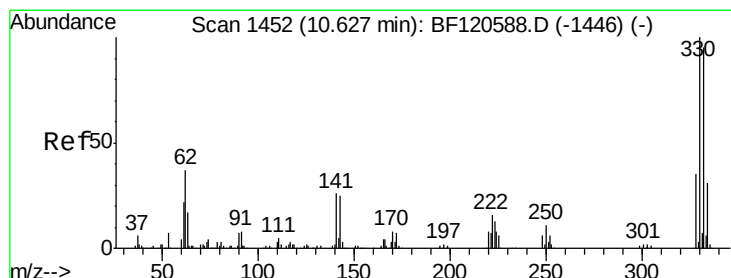
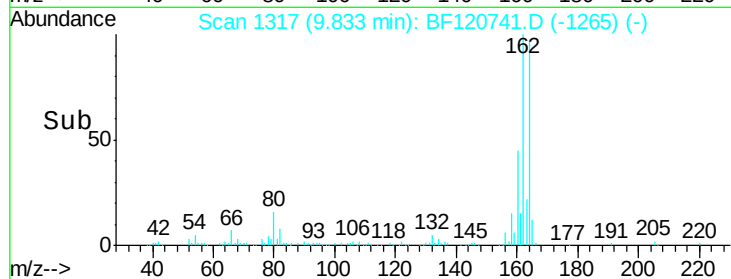
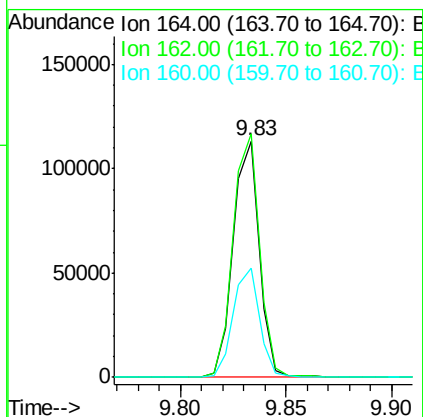
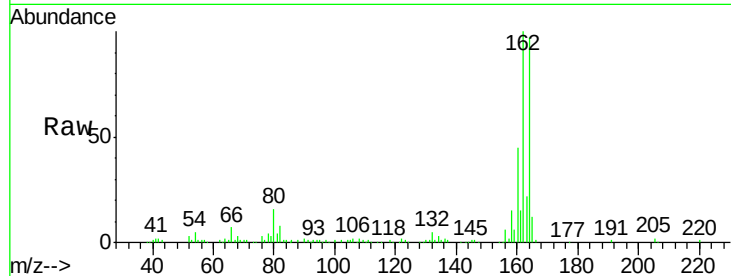




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

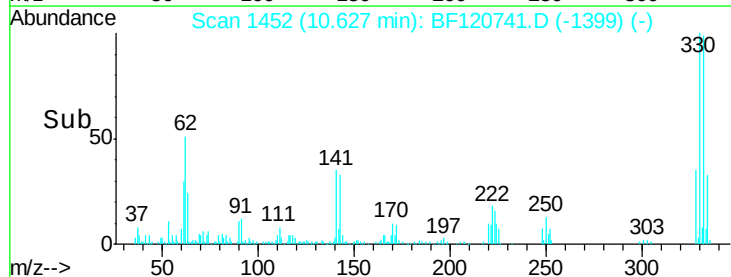
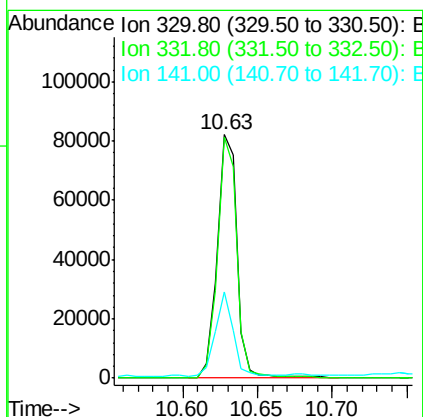
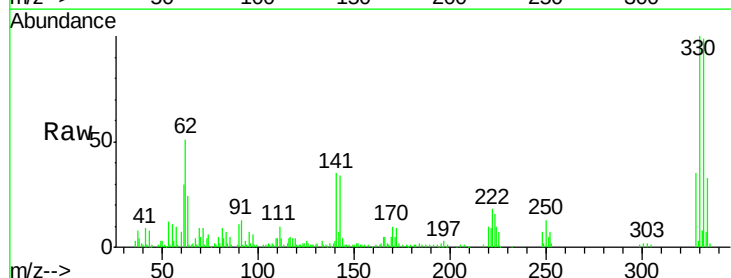
Instrument :
 BNA_F
 ClientSampleId :
 44-08

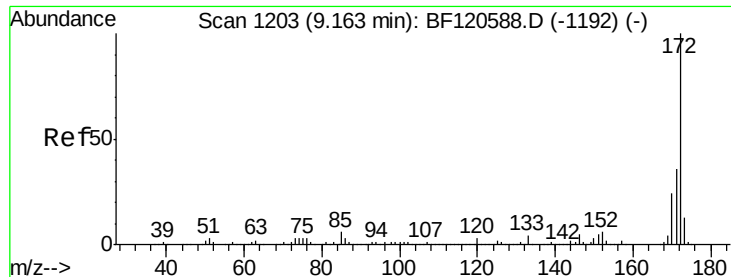
Tot Ion:164 Resp: 96045
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.0
 160 46.0 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 68.755 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Tgt Ion:330 Resp: 76776
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.4 114.6
 141 30.7 23.0 34.6

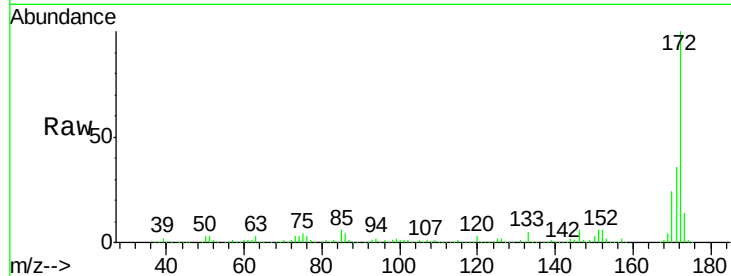




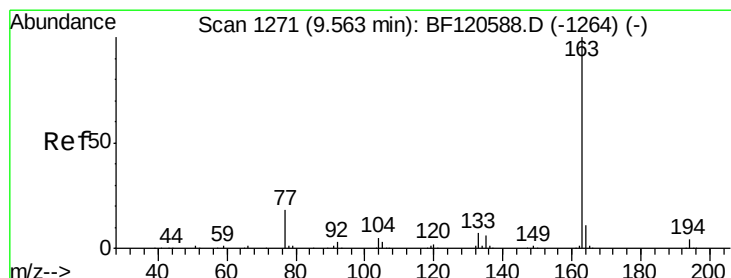
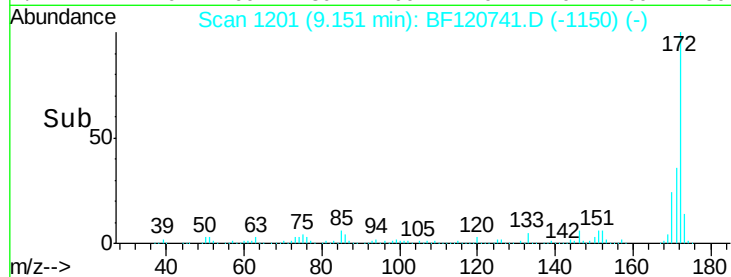
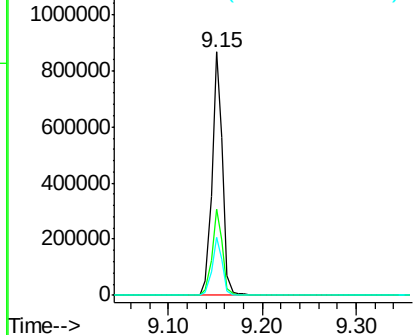
#45
2-Fluorobiphenyl
Concen: 109.733 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
44-08

Tot Ion:172 Resp: 688852
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.1 28.7

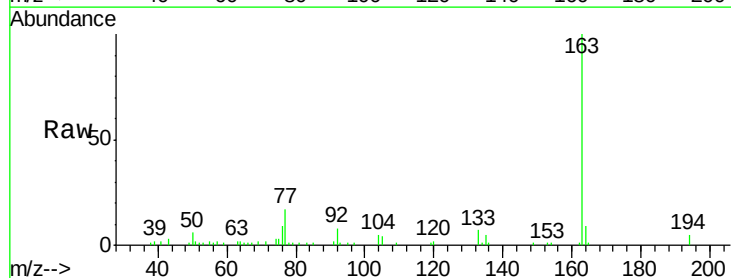


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

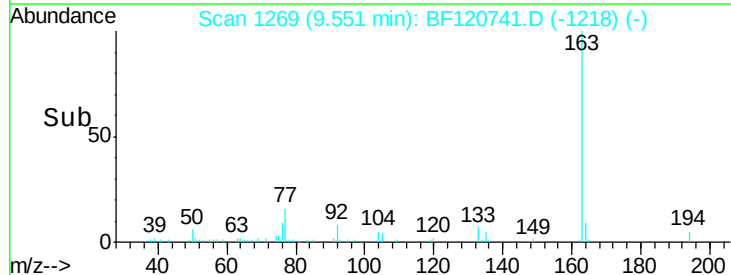
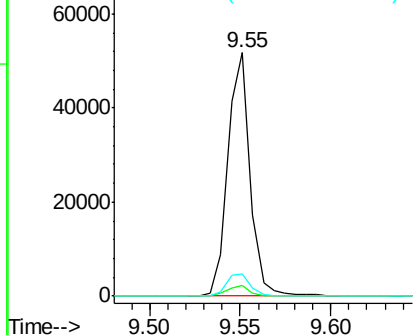


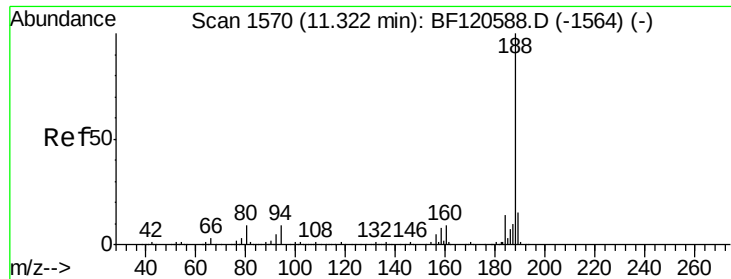
#50
Dimethylphthalate
Concen: 6.410 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion:163 Resp: 44342
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.3 8.2 12.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

ClientSampleId :

44-08

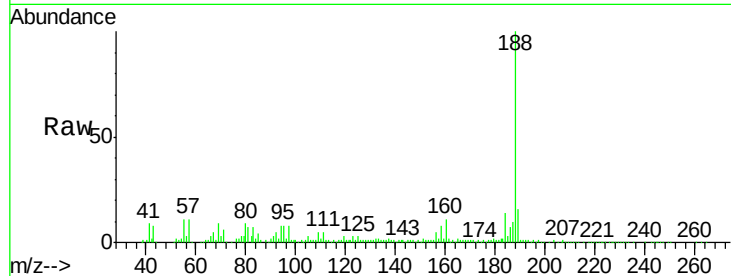
Tot Ion:188 Resp: 170092

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

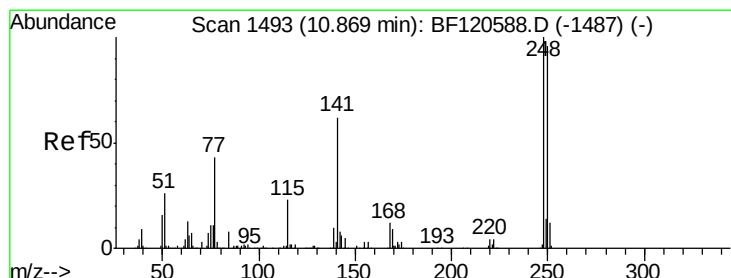
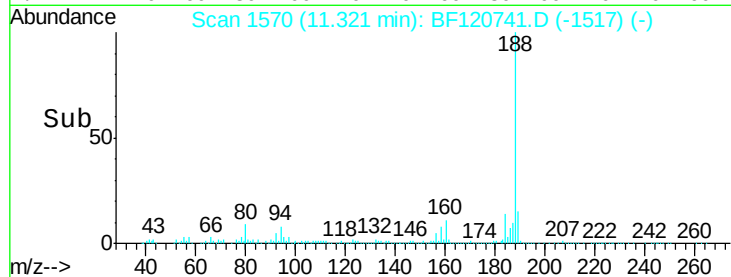
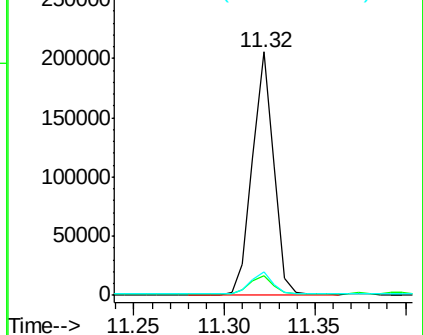
80 9.4 7.7 11.5



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: 2.478 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.23 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

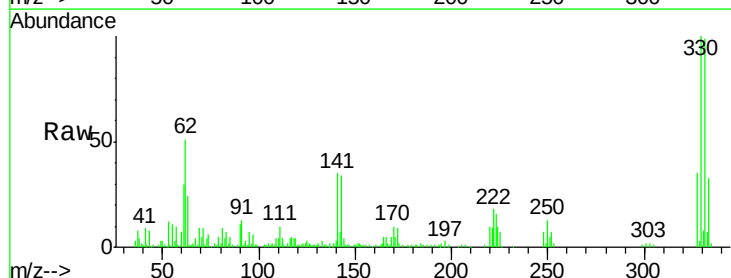
Tgt Ion:248 Resp: 4784

Ion Ratio Lower Upper

248 100

250 193.5 77.8 116.6#

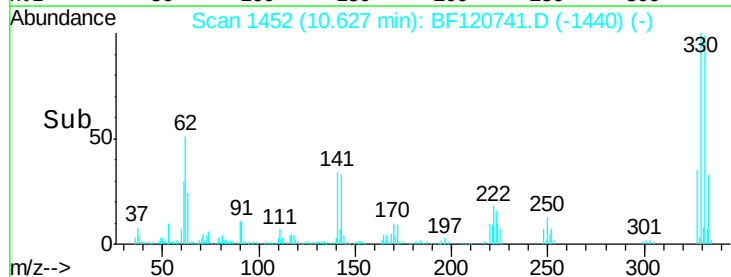
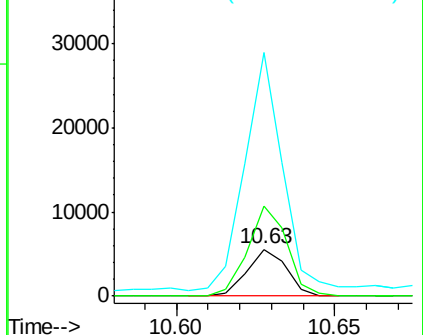
141 520.4 52.0 78.0#

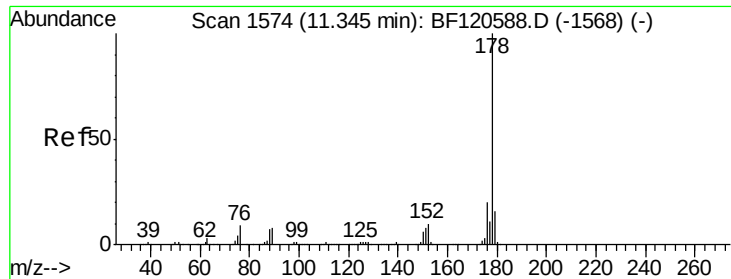


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

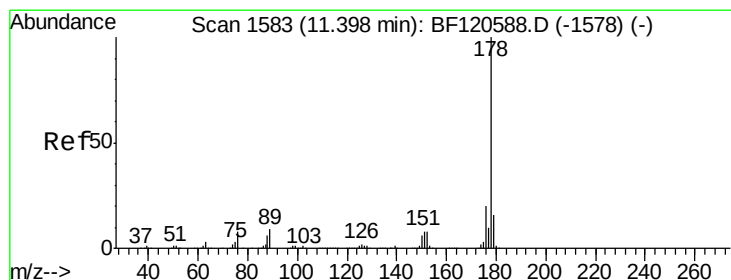
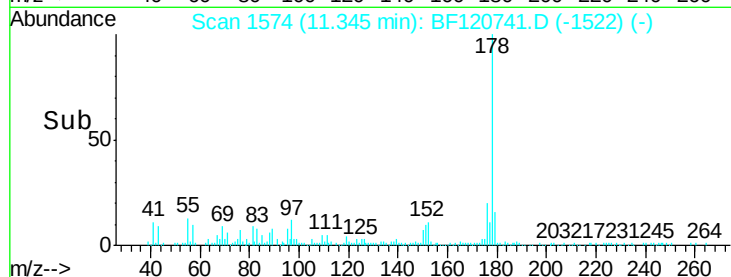
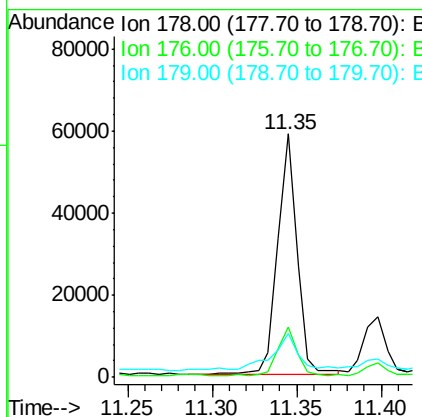
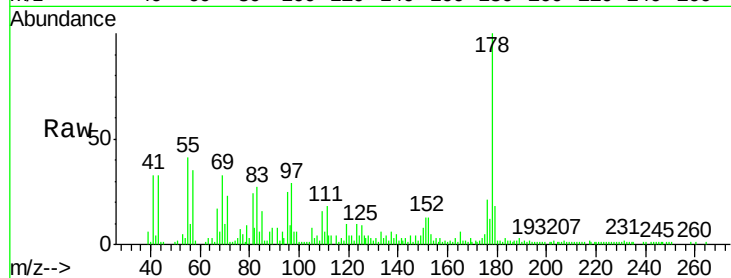




#71
Phenanthrene
Concen: 5.480 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

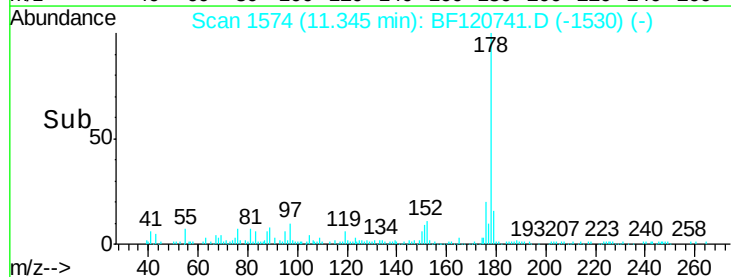
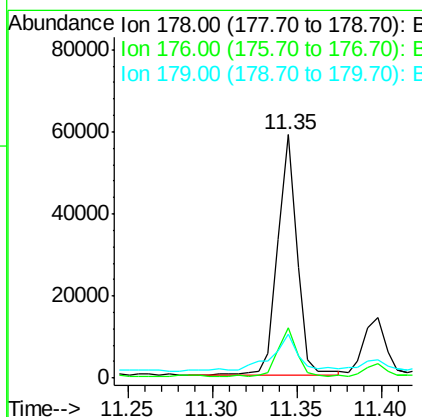
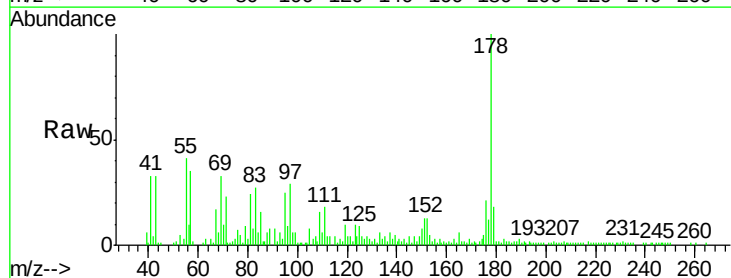
Instrument :
BNA_F
ClientSampleId :
44-08

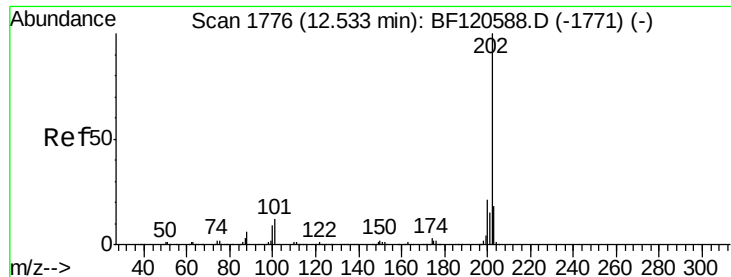
Tot Ion:178 Resp: 46336
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 18.1 12.3 18.5



#72
Anthracene
Concen: 5.437 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion:178 Resp: 46336
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 18.1 12.9 19.3





#75

Fluoranthene

Concen: 10.384 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

ClientSampleId :

44-08

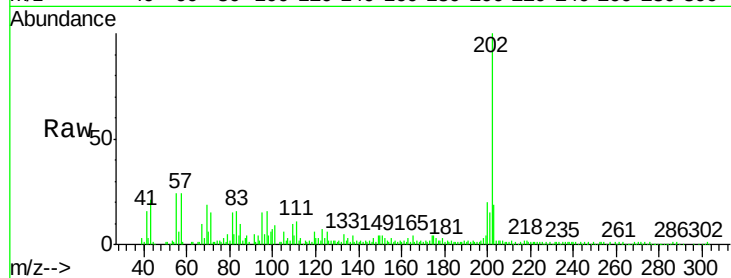
Tot Ion:202 Resp: 100386

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.8

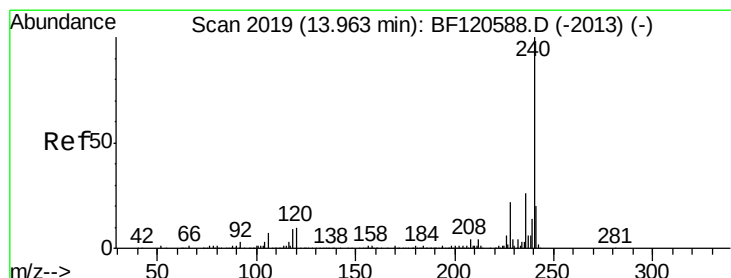
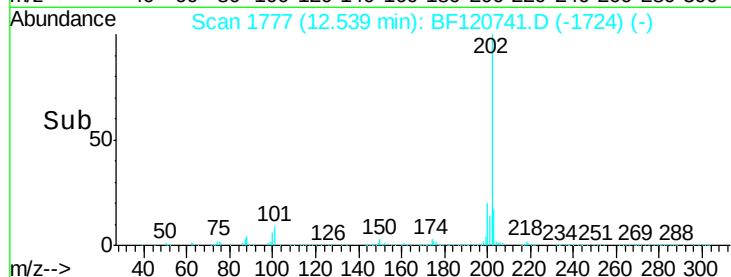
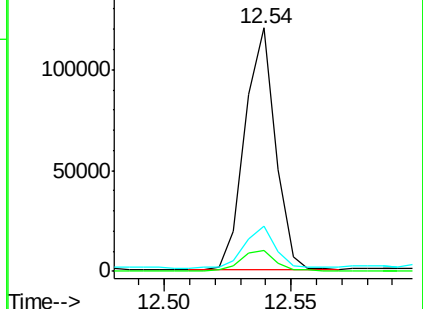
203 18.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

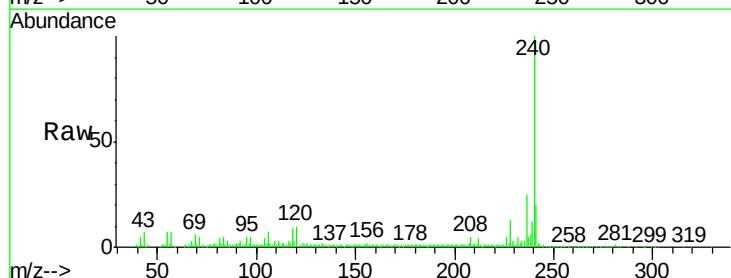
Tgt Ion:240 Resp: 146580

Ion Ratio Lower Upper

240 100

120 10.5 7.6 11.4

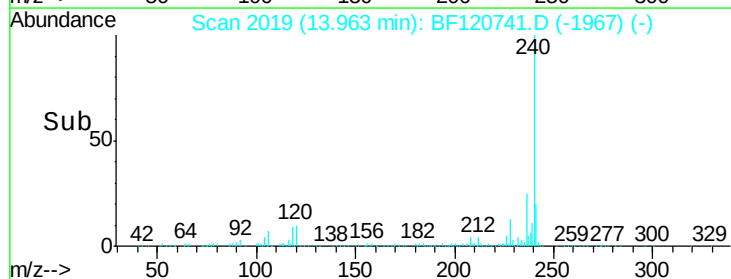
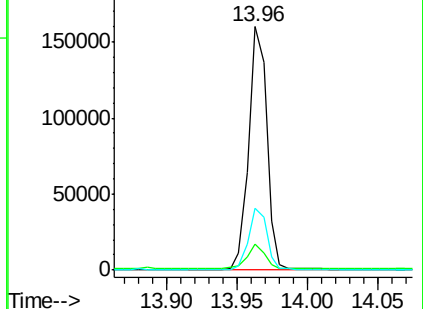
236 25.5 21.0 31.4

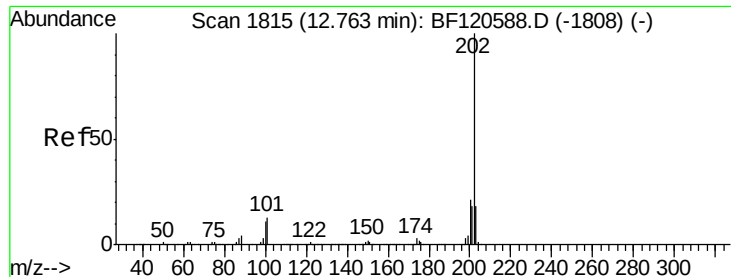


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 8.611 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

ClientSampled :

44-08

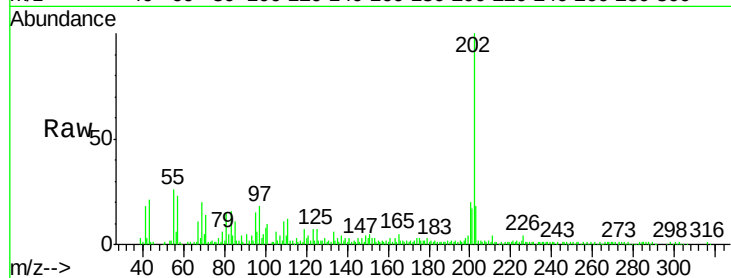
Tot Ion:202 Resp: 89414

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

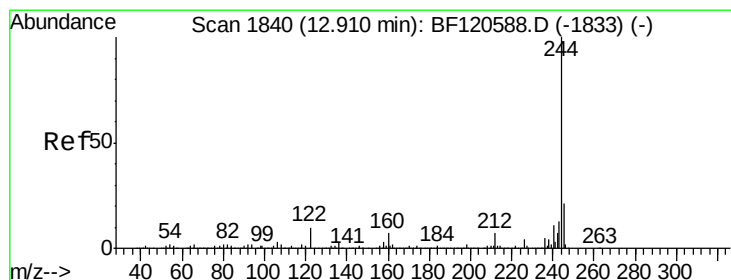
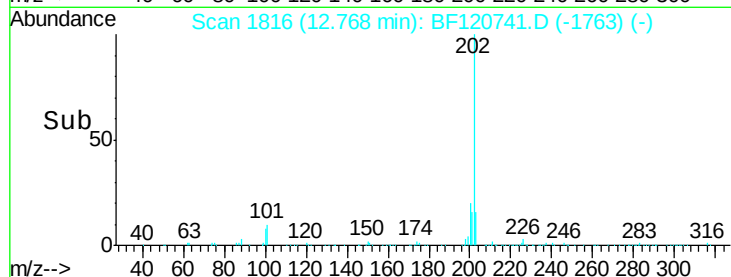
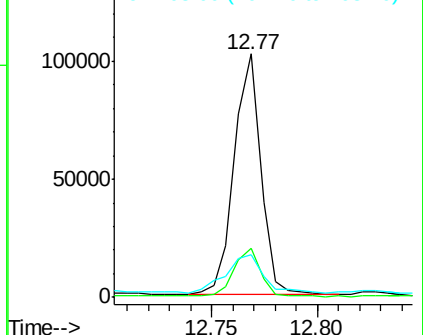
203 17.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 73.640 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

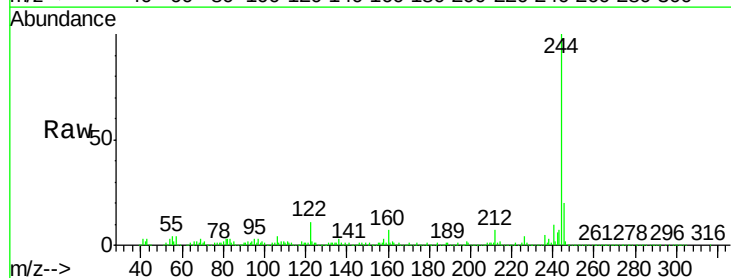
Tgt Ion:244 Resp: 488673

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

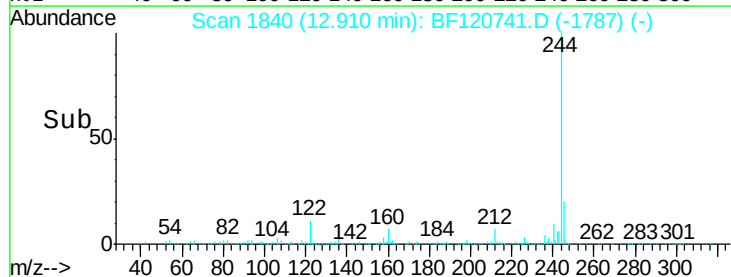
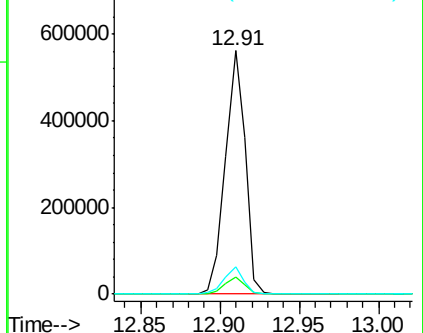
122 11.0 8.8 13.2

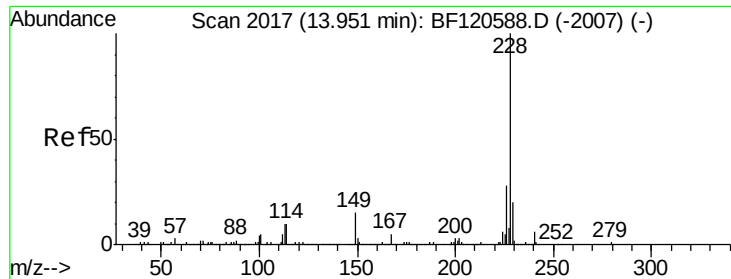


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

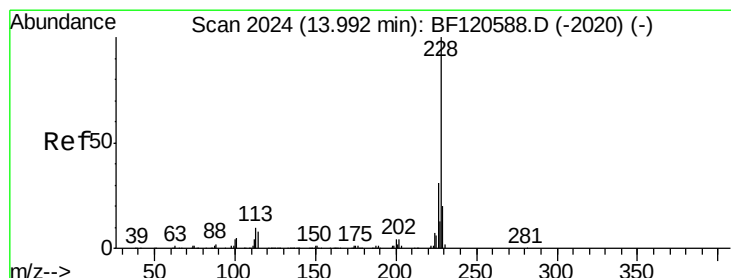
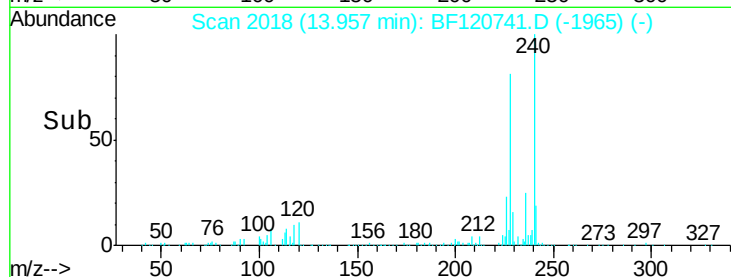
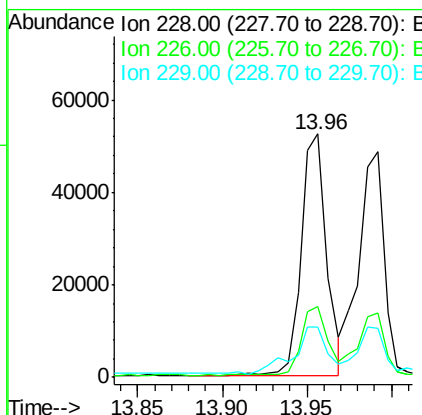
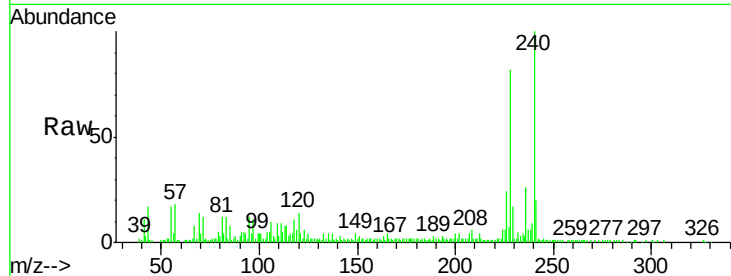




#81
Benzo(a)anthracene
Concen: 6.193 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

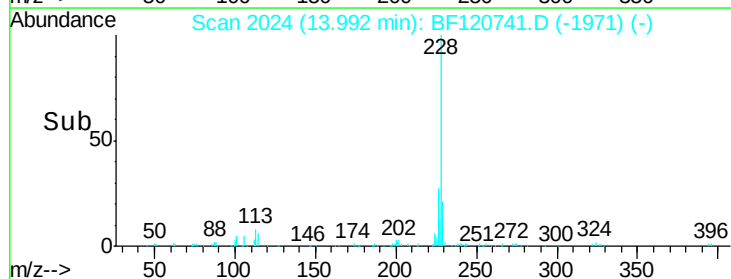
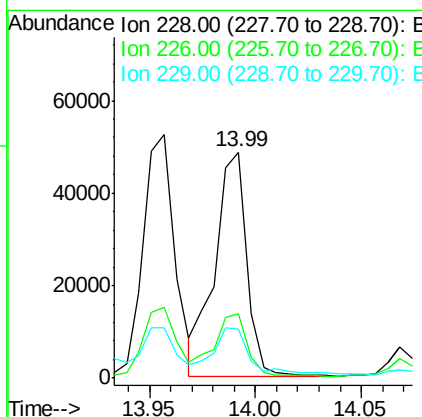
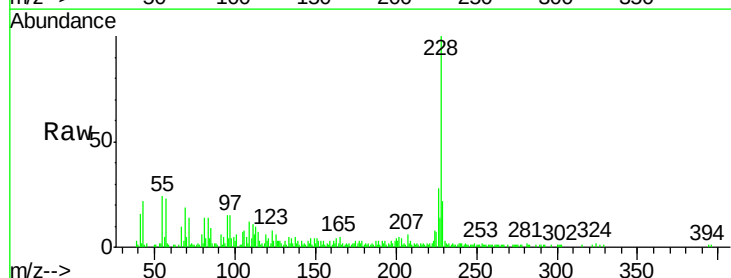
Instrument :
BNA_F
ClientSampleId :
44-08

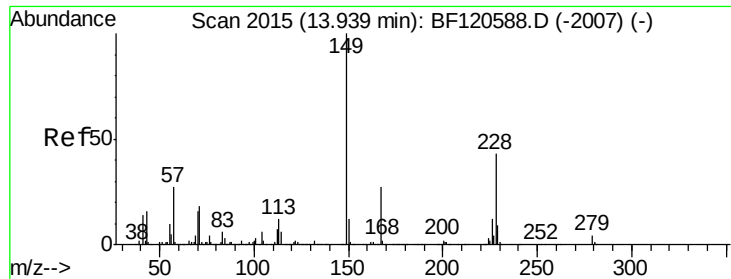
Tot Ion:228 Resp: 54535
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 20.7 16.3 24.5



#83
Chrysene
Concen: 5.653 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion:228 Resp: 51061
Ion Ratio Lower Upper
228 100
226 28.4 25.0 37.6
229 21.6 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.077 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

ClientSampleId :

44-08

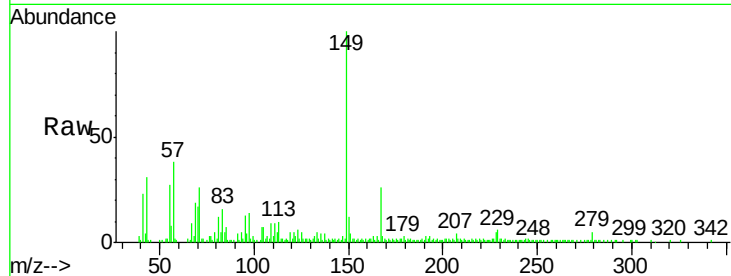
Tot Ion:149 Resp: 45453

Ion Ratio Lower Upper

149 100

167 26.4 21.9 32.9

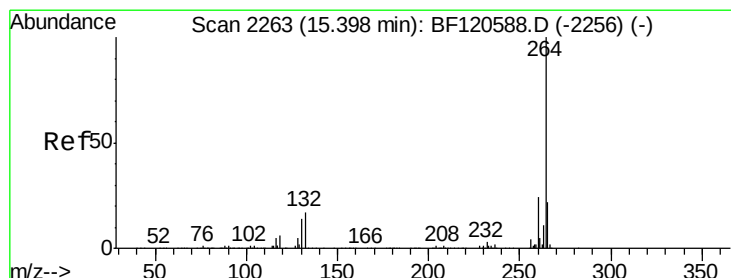
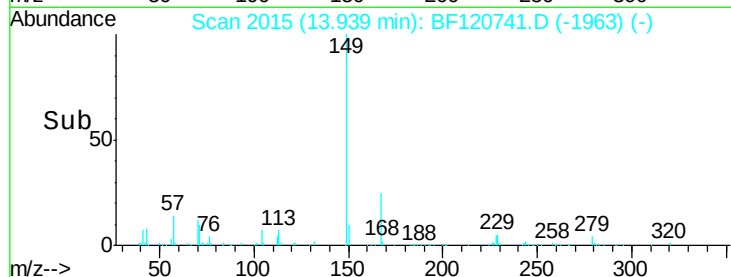
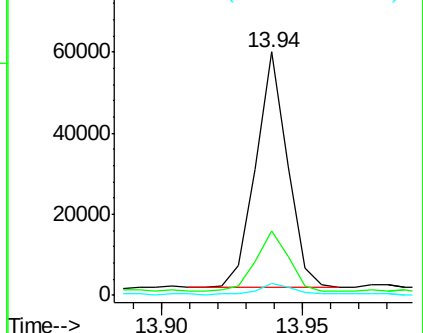
279 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

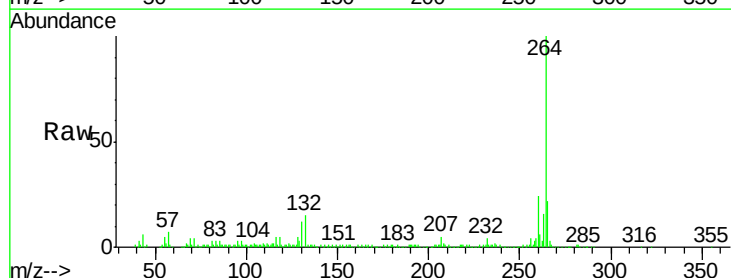
Tgt Ion:264 Resp: 152915

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

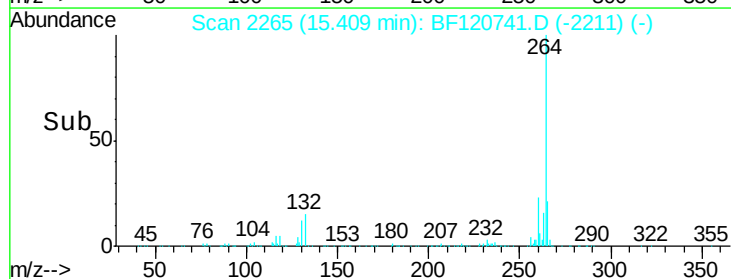
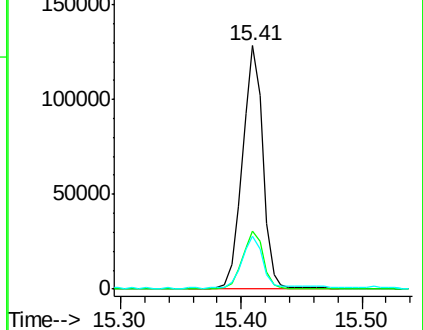
265 21.7 17.4 26.0

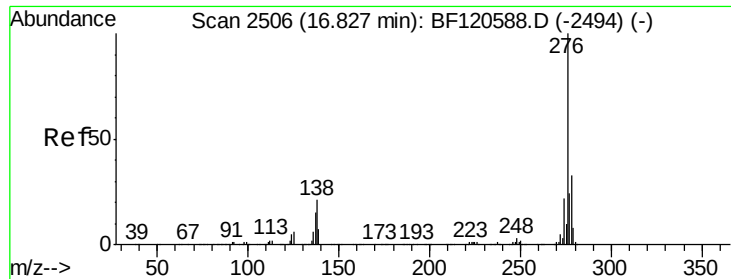


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

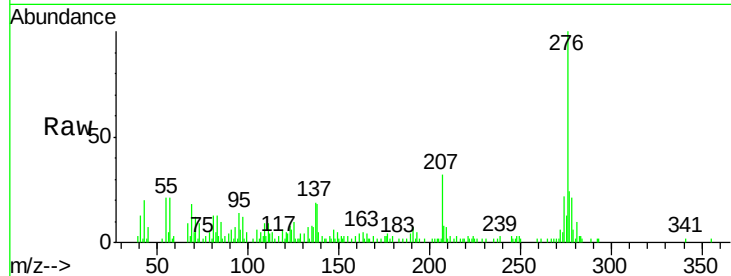




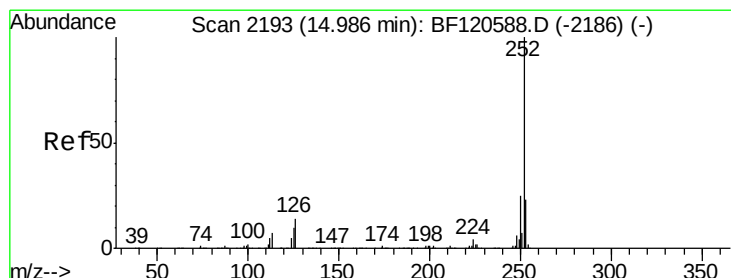
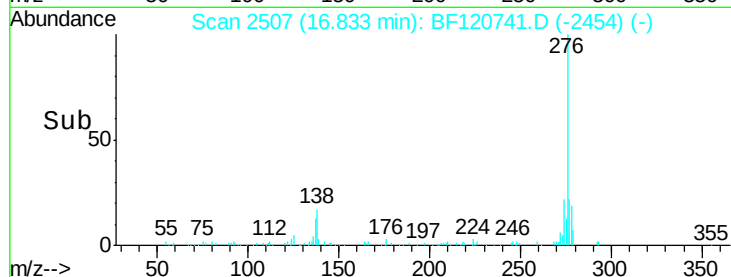
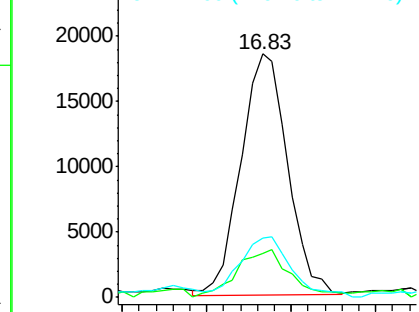
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.832 ng
 RT: 16.83 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 44-08

Tot Ion:276 Resp: 35640
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.4 27.6
 277 27.8 19.8 29.8

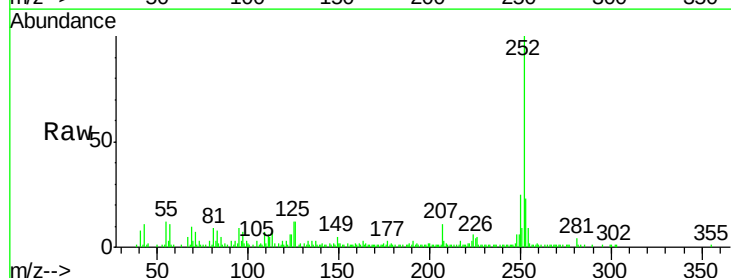


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

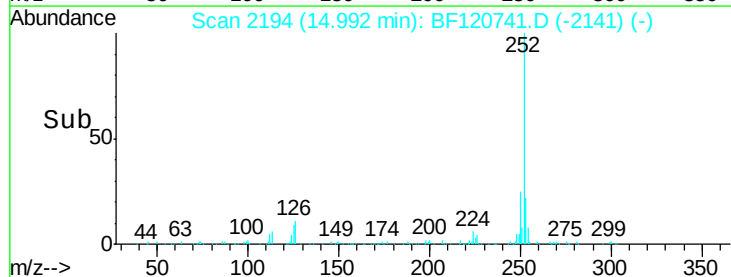
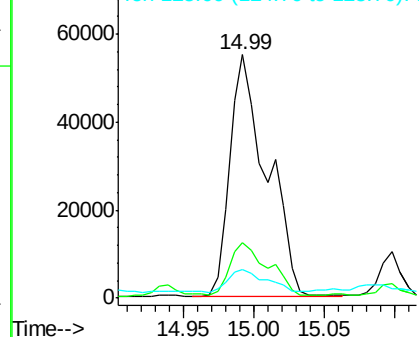


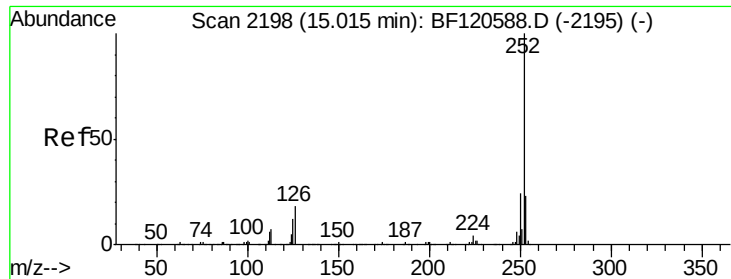
#88
 Benzo(b)fluoranthene
 Concen: 11.068 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Tgt Ion:252 Resp: 100814
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.1 27.1
 125 11.8 7.9 11.9



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

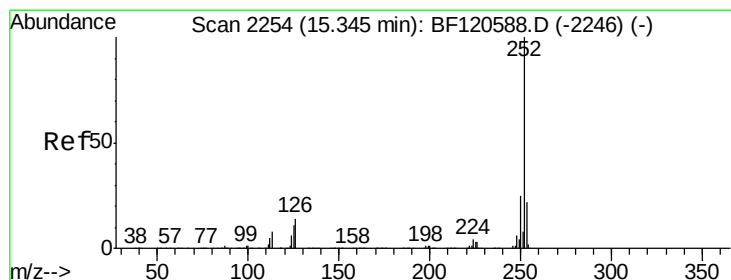
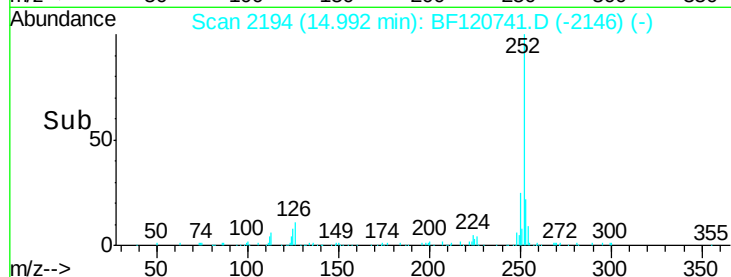
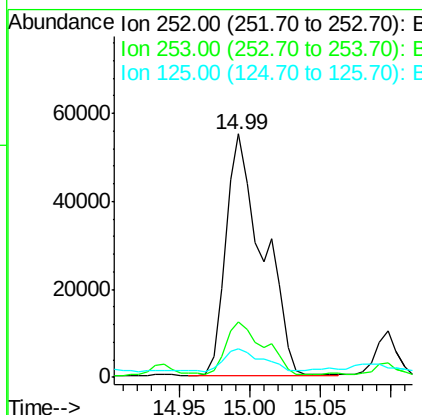
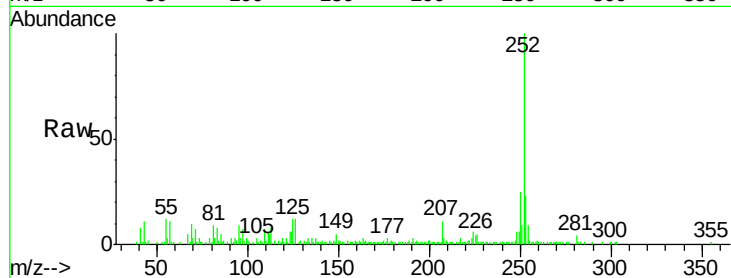




#89
Benzo(k)fluoranthene
Concen: 12.508 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

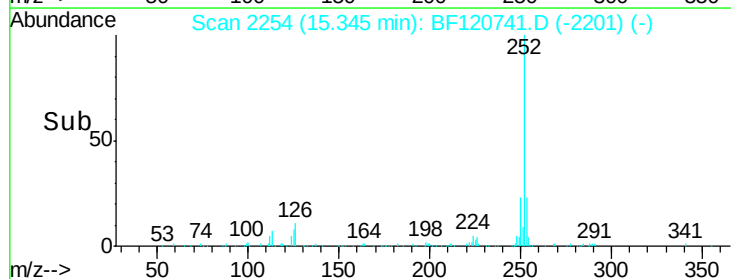
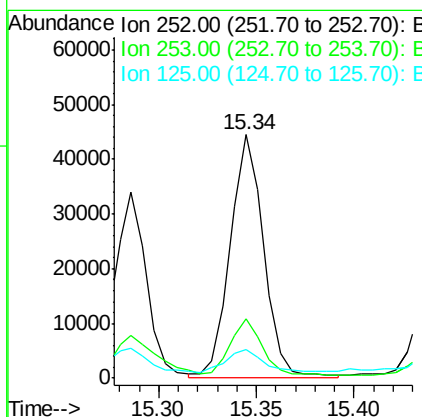
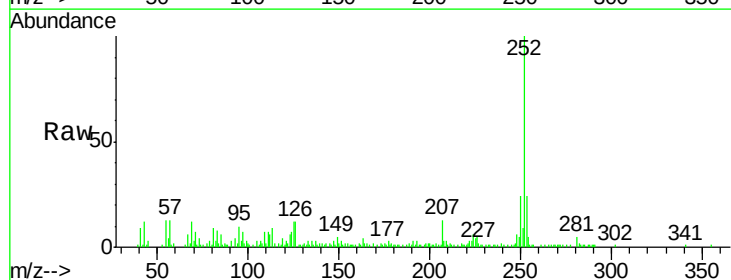
Instrument :
BNA_F
ClientSampleId :
44-08

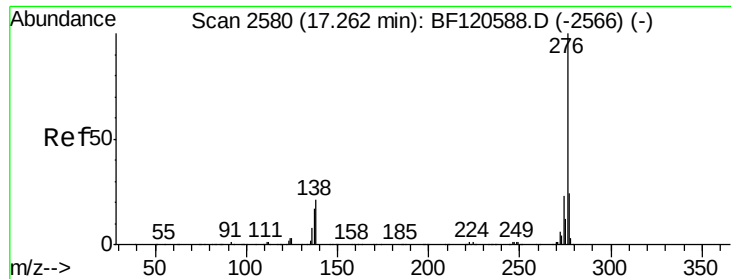
Tot Ion:252 Resp: 100814
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.8 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 6.480 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion:252 Resp: 52822
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 11.5 9.0 13.6

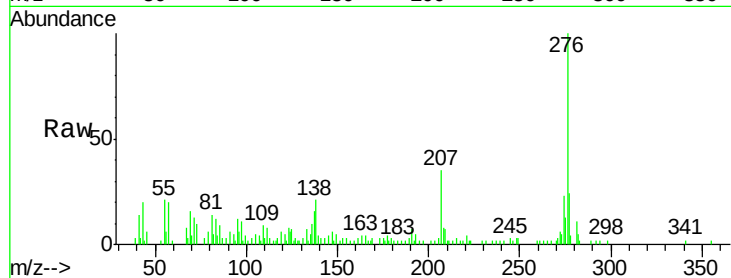




#92
 Benzo(a,h,i)perylene
 Concen: 4.600 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.02 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 44-08

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	20.9	16.6	24.8



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

