

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120310.D
 Acq On : 15 May 2020 00:13
 Operator : MA/SJ
 Sample : L2641-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:44:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

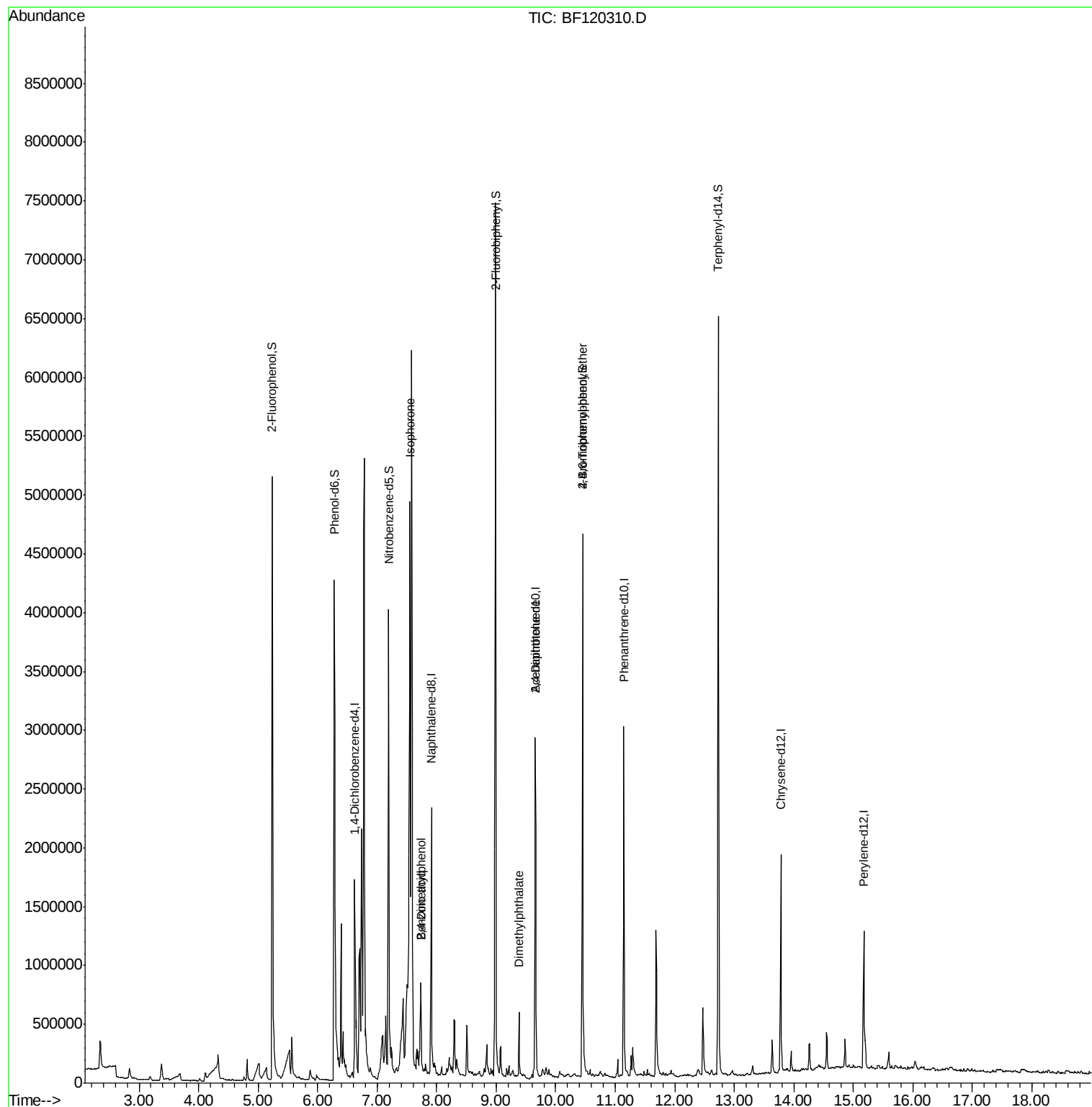
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	319871	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1247023	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	619001	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1279080	20.00	ng	0.00
76) Chrysene-d12	13.78	240	728596	20.00	ng	0.00
87) Perylene-d12	15.17	264	537226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1794546	109.16	ng	0.01
7) Phenol-d6	6.28	99	2123932	102.16	ng	0.00
23) Nitrobenzene-d5	7.19	82	1507725	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	638626	126.54	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2681612	89.00	ng	0.00
79) Terphenyl-d14	12.73	244	2566310	77.81	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	106491	2.810	ng	# 68
27) 2,4-Dimethylphenol	7.75	122	47238	3.168	ng	# 7
32) Benzoic acid	7.75	122	47238	4.833	ng	98
50) Dimethylphthalate	9.38	163	227311	5.809	ng	99
57) 2,4-Dinitrotoluene	9.66	165	81570	7.962	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	39064	3.147	ng	# 1

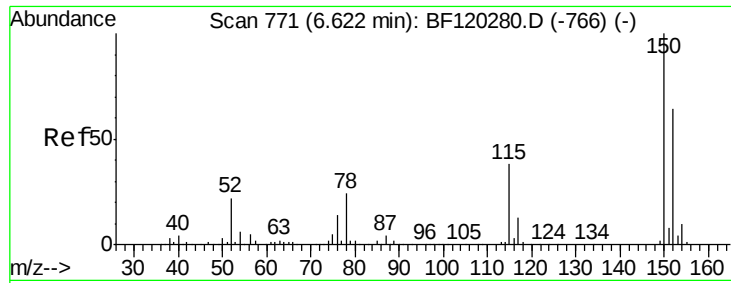
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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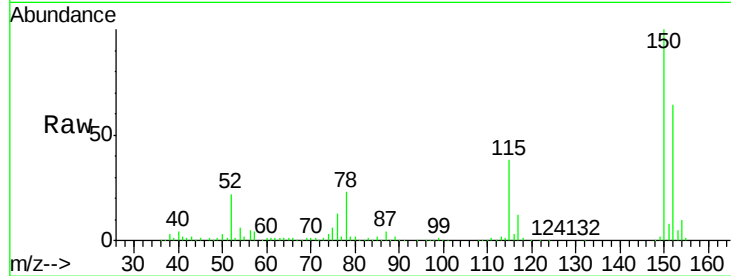


#1

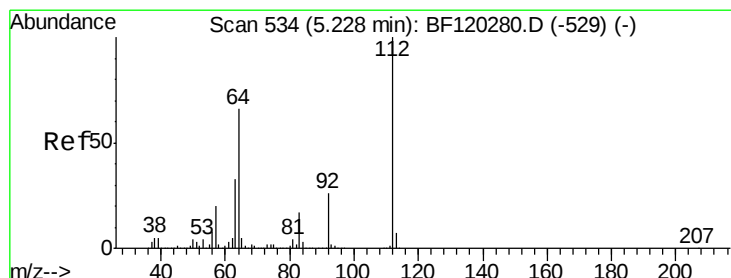
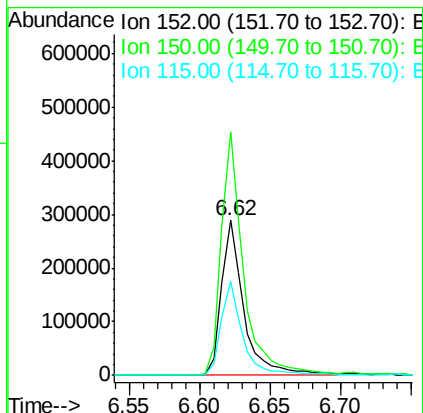
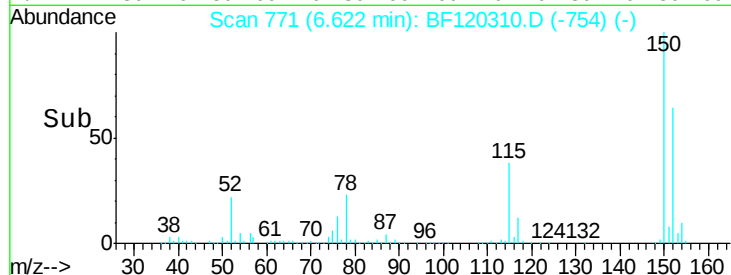
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 319871
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 60.3 47.9 71.9



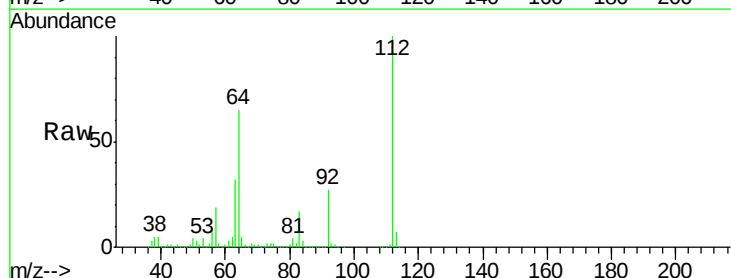
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



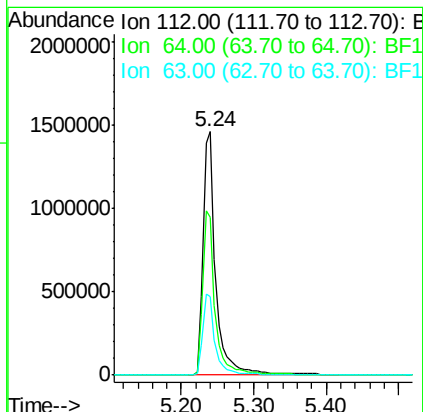
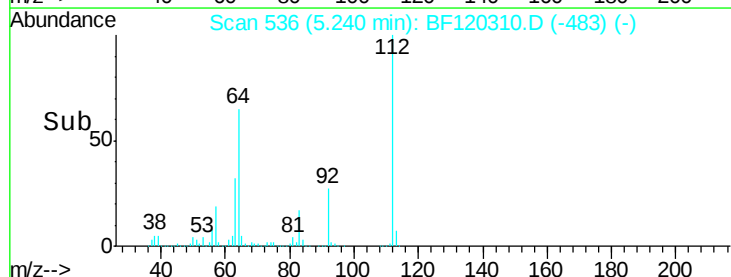
#5

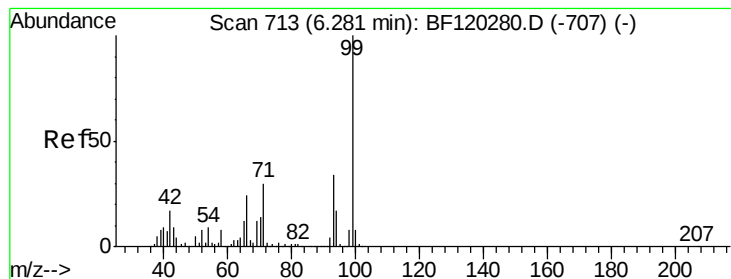
2-Fluorophenol
Concen: 109.158 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:112 Resp: 1794546
Ion Ratio Lower Upper
112 100
64 64.8 52.7 79.1
63 32.3 26.2 39.4



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: 102.163 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120310.D

Acq: 15 May 2020 00:13

Instrument :

BNA_F

ClientSampleId :

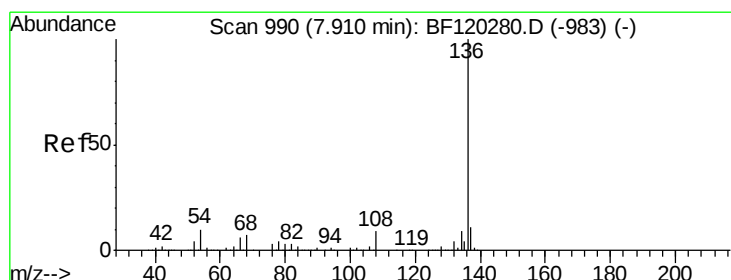
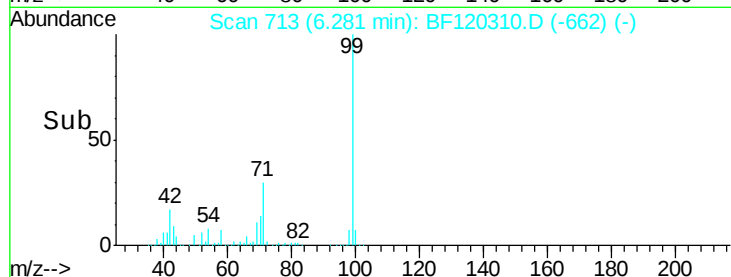
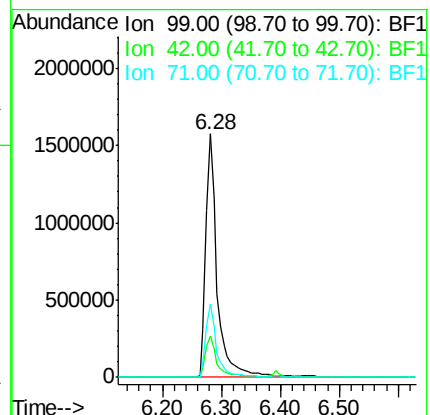
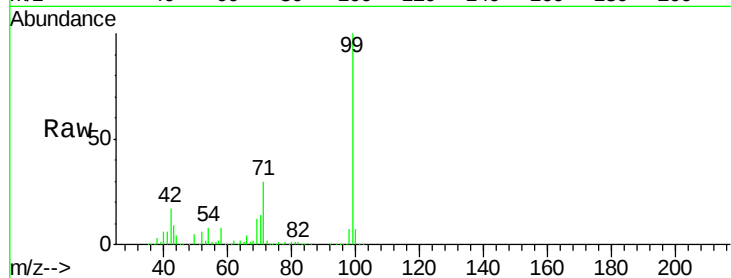
Tot Ion: 99 Resp: 2123932

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 30.2 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF120310.D

Acq: 15 May 2020 00:13

Tgt Ion: 136 Resp: 1247023

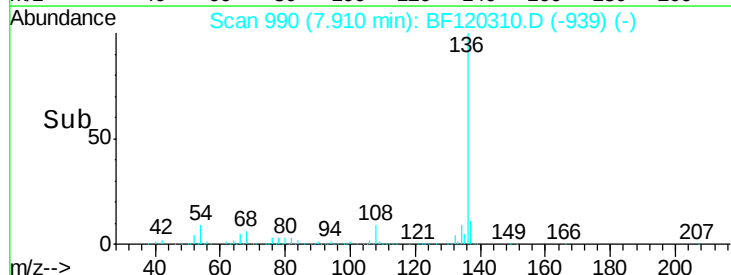
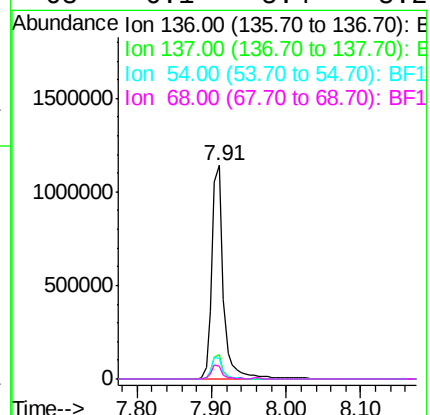
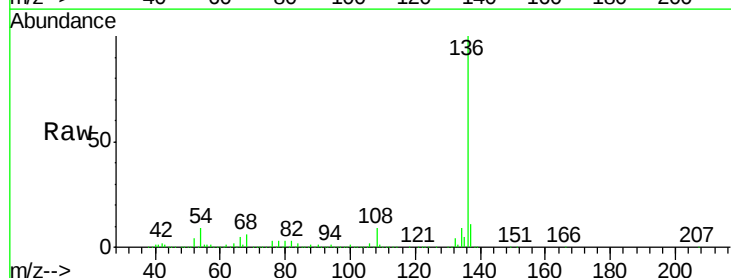
Ion Ratio Lower Upper

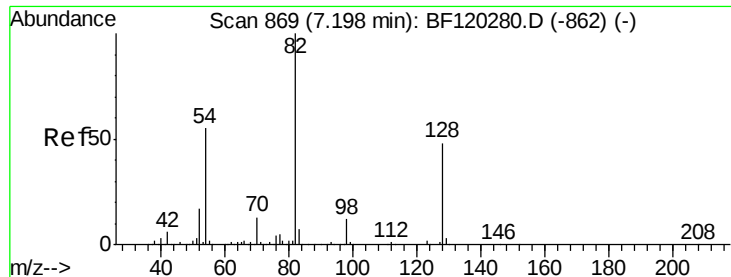
136 100

137 11.2 9.1 13.7

54 9.3 7.9 11.9

68 6.1 5.4 8.2

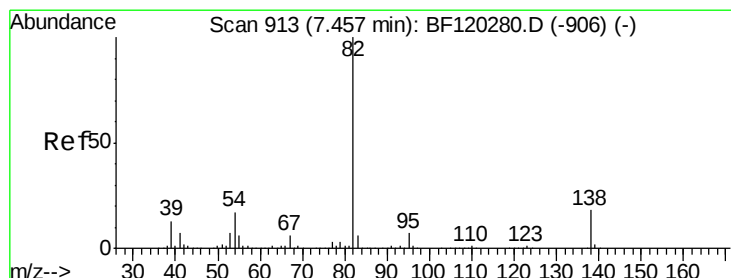
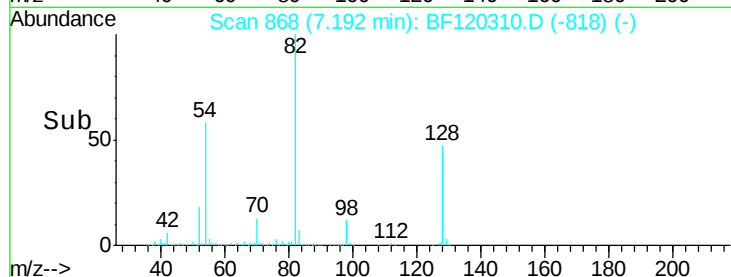
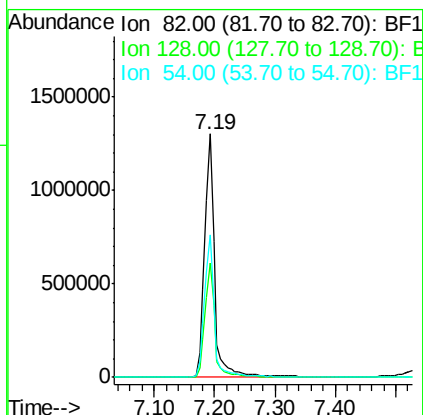
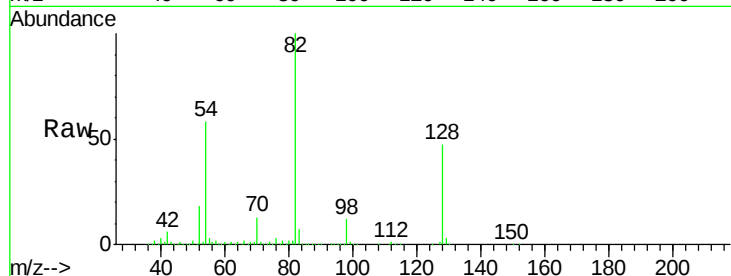




#23
Nitrobenzene-d5
Concen: 82.780 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

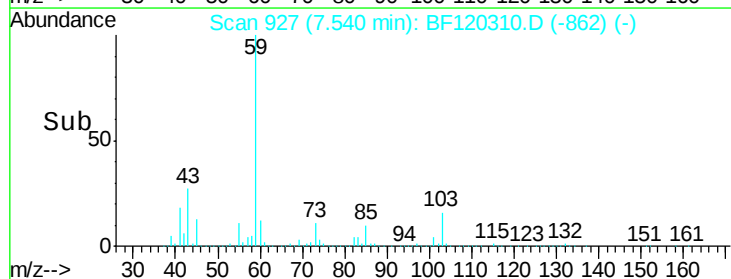
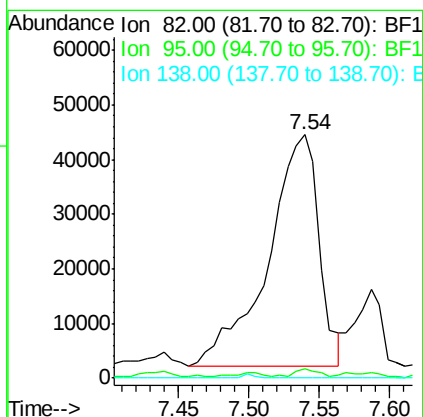
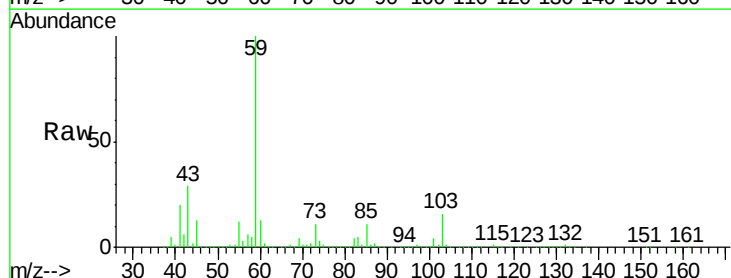
Instrument :
BNA_F
ClientSampleId :

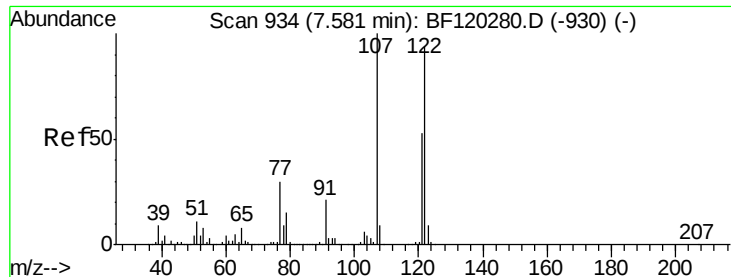
Tot Ion: 82 Resp: 1507725
Ion Ratio Lower Upper
82 100
128 47.0 38.3 57.5
54 58.3 43.9 65.9



#25
Isophorone
Concen: 2.810 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.08 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion: 82 Resp: 106491
Ion Ratio Lower Upper
82 100
95 3.9 5.4 8.0#
138 0.0 14.7 22.1#





#27

2,4-Dimethylphenol

Concen: 3.168 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.16 min

Lab File: BF120310.D

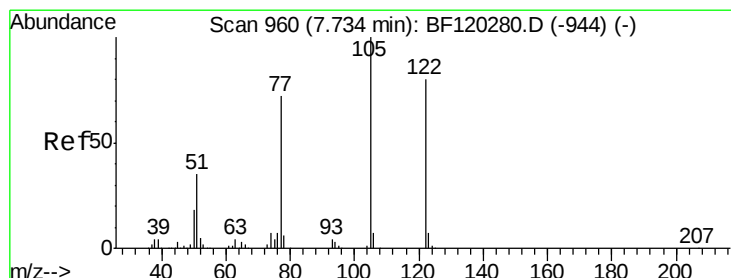
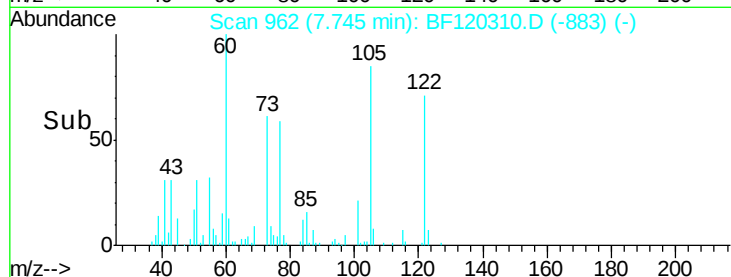
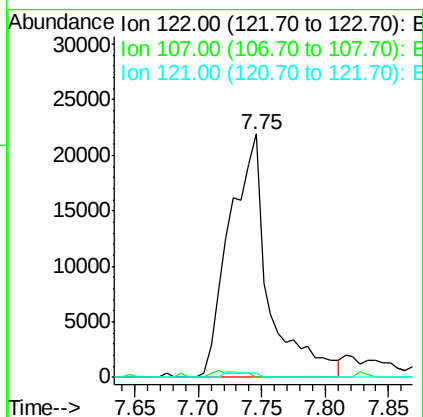
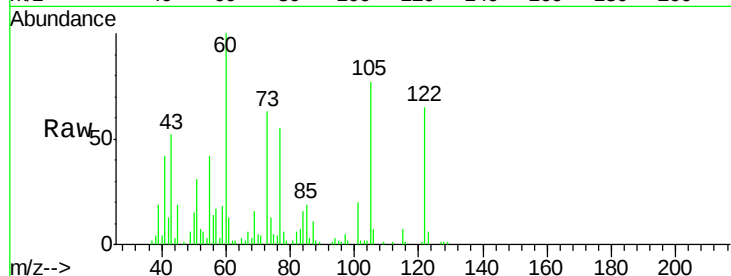
Acq: 15 May 2020 00:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:122	Resp:	47238
Ion Ratio	Lower	Upper
122	100	
107	0.0	85.0 127.6#
121	1.5	45.1 67.7#



#32

Benzoic acid

Concen: 4.833 ng

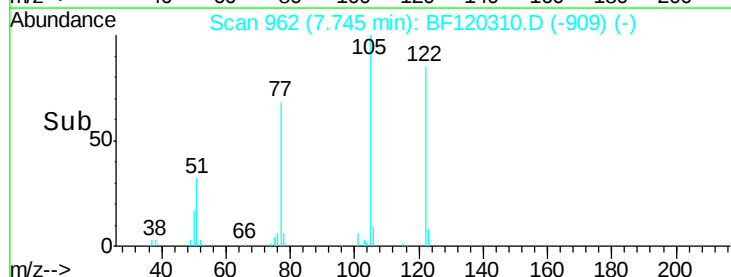
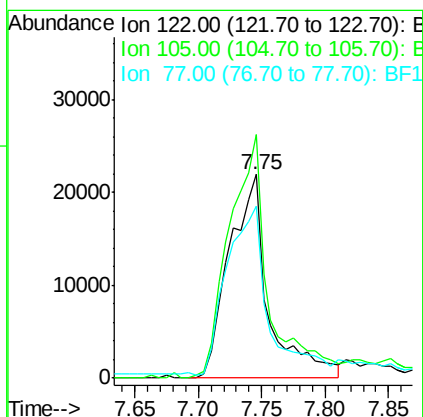
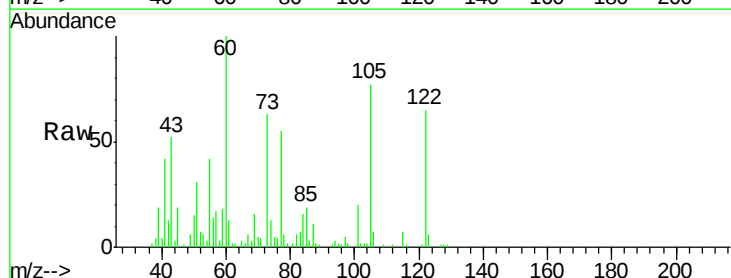
RT: 7.75 min Scan# 962

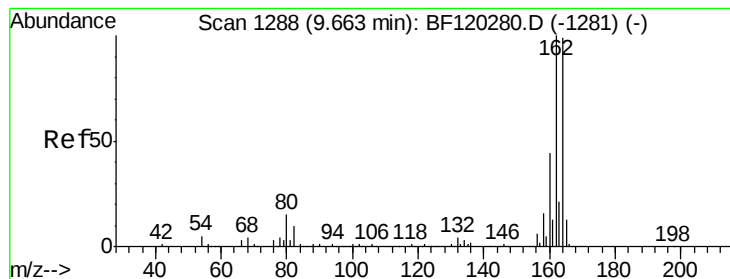
Delta R.T. 0.01 min

Lab File: BF120310.D

Acq: 15 May 2020 00:13

Tgt Ion:122	Resp:	47238
Ion Ratio	Lower	Upper
122	100	
105	119.6	98.1 138.1
77	84.5	66.7 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120310.D

Acq: 15 May 2020 00:13

Instrument :

BNA_F

ClientSampleId :

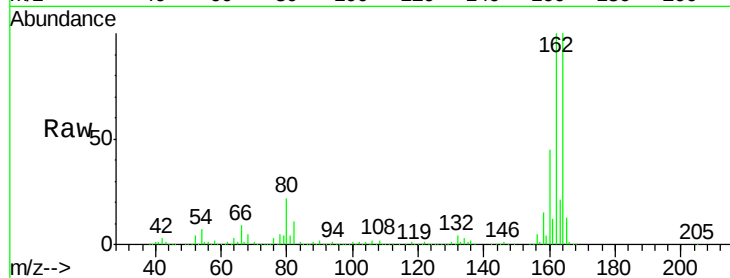
Tot Ion:164 Resp: 619001

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

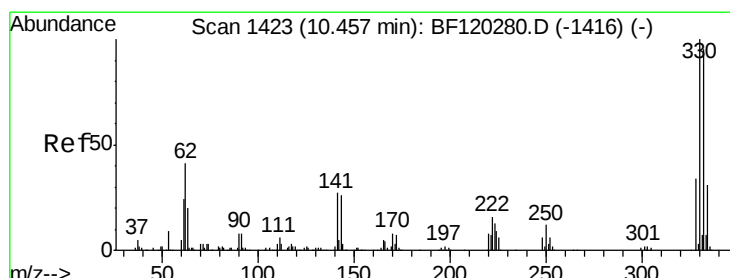
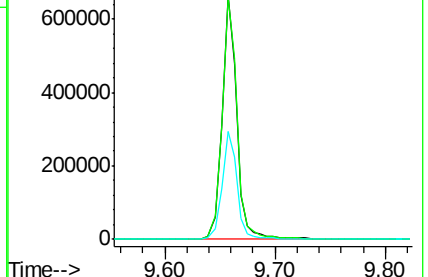
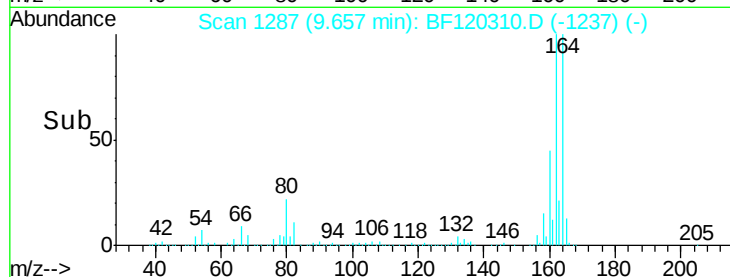
160 44.6 35.8 53.6



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: 126.536 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120310.D

Acq: 15 May 2020 00:13

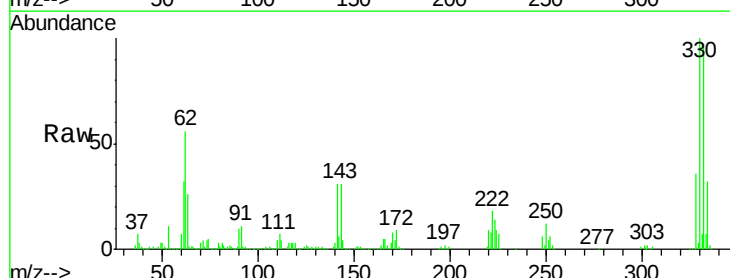
Tgt Ion:330 Resp: 638626

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

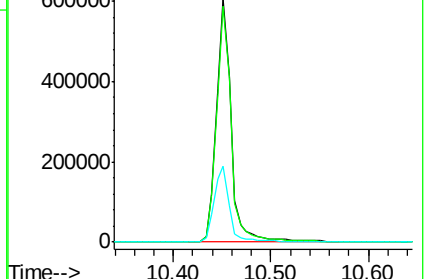
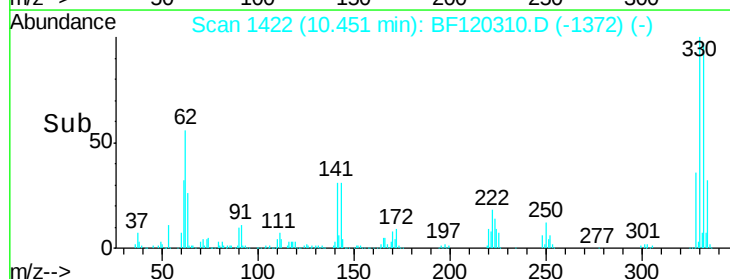
141 32.8 25.4 38.0

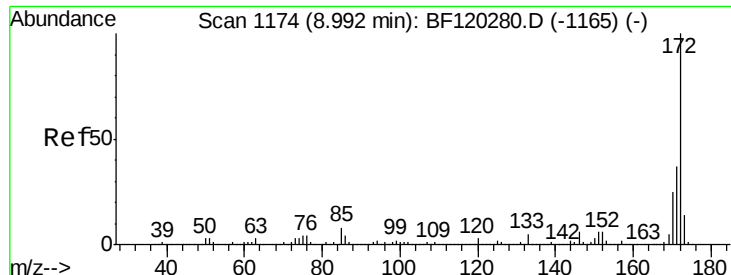


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

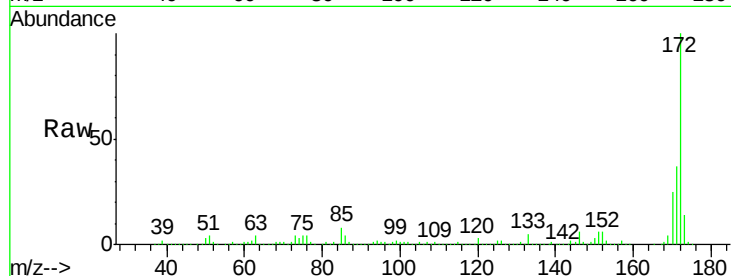




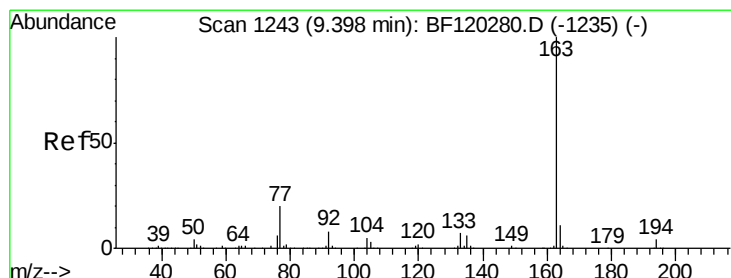
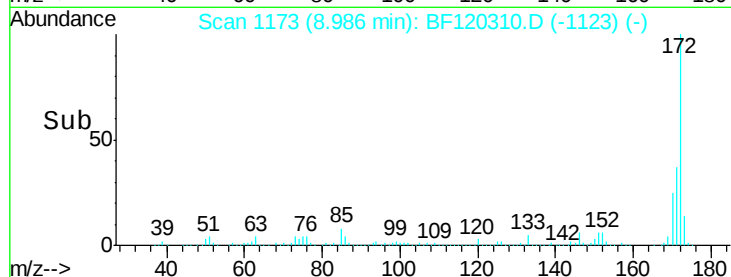
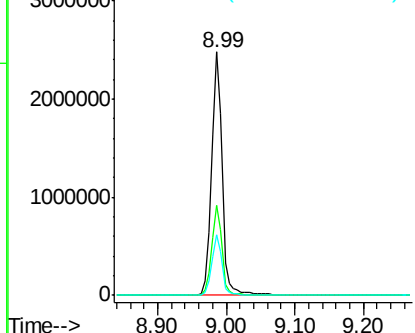
#45
2-Fluorobiphenyl
Concen: 89.003 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2681612
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.7 19.9 29.9

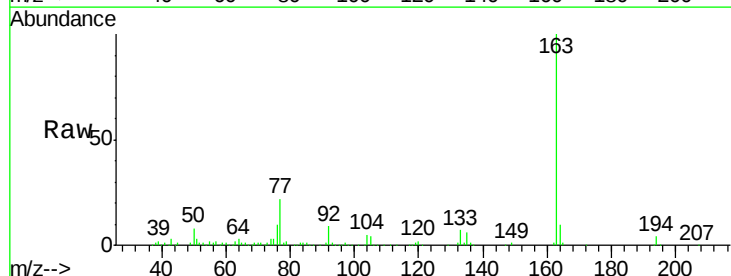


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

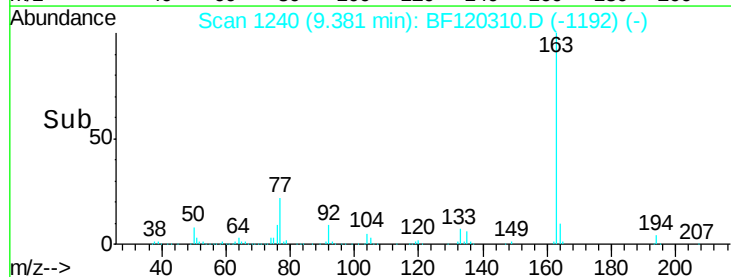
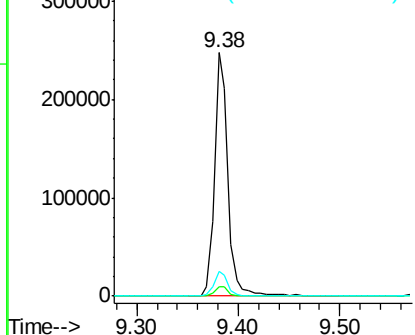


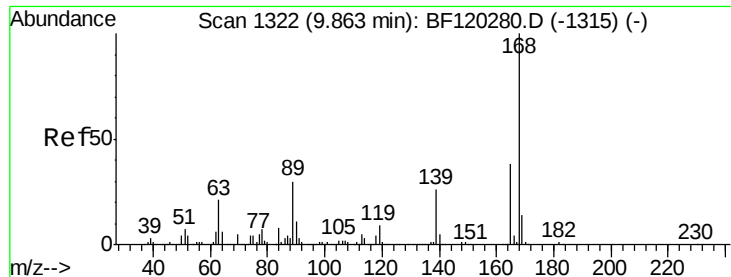
#50
Dimethylphthalate
Concen: 5.809 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:163 Resp: 227311
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.0 8.6 12.8



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

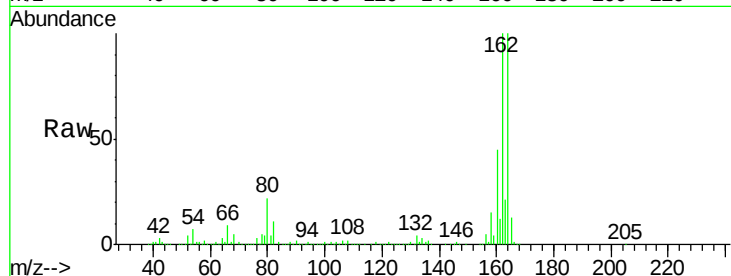




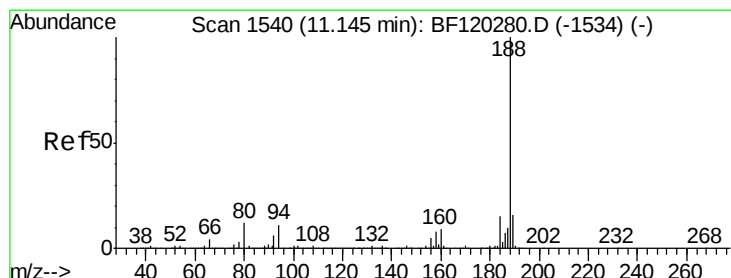
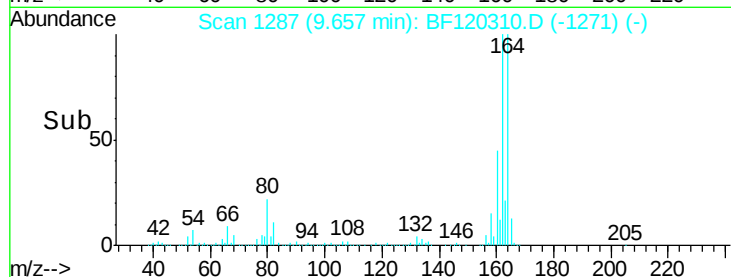
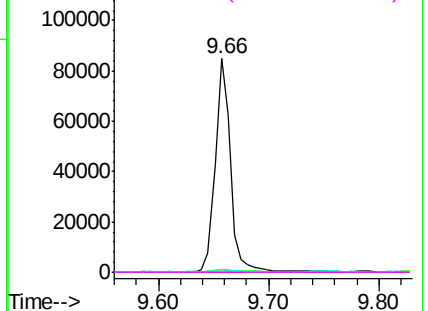
#57
 2,4-Dinitrotoluene
 Concen: 7.962 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.21 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 81570
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 1.2 64.2 96.4#
 182 0.0 2.0 3.0#

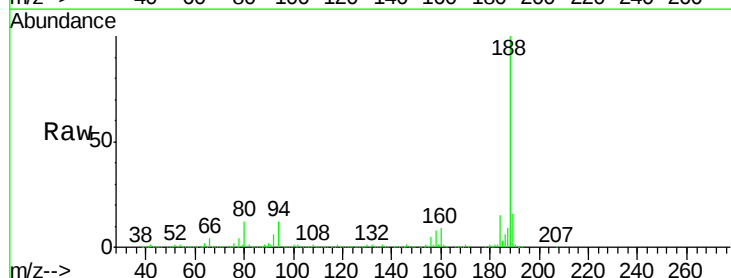


Abundance Ion 165.00 (164.70 to 165.70): E

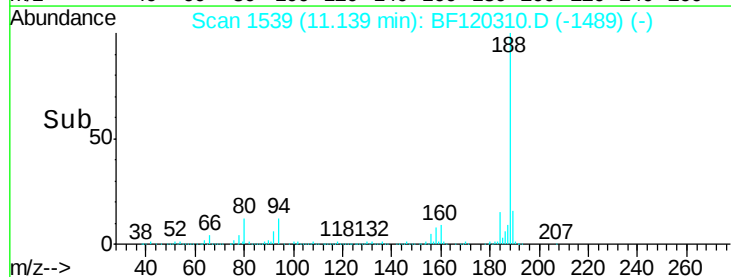
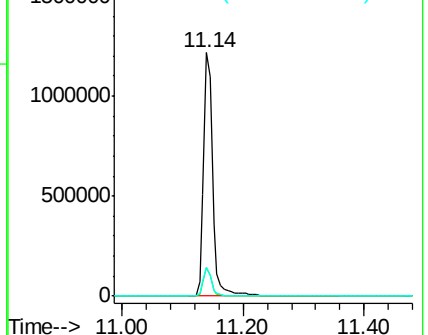


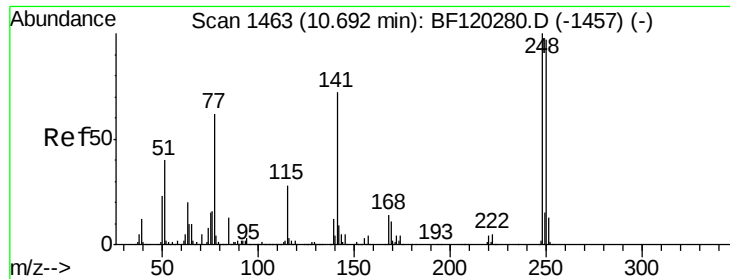
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Tgt Ion:188 Resp: 1279080
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.6 13.0
 80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

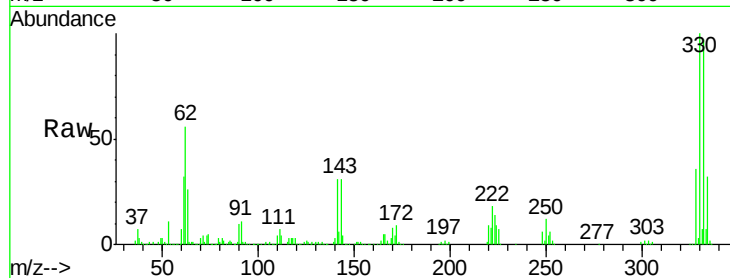




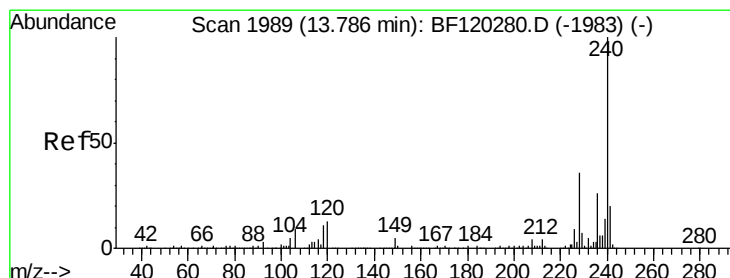
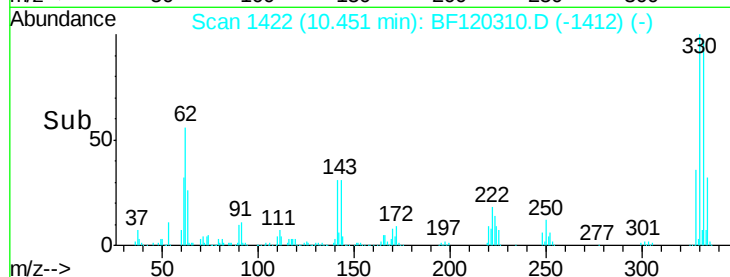
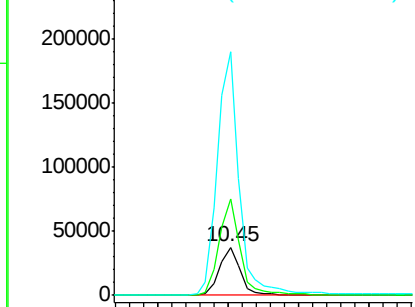
#67
 4-Bromophenyl-phenylether
 Concen: 3.147 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.24 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.8	116.6#
141	509.7	57.7	86.5#

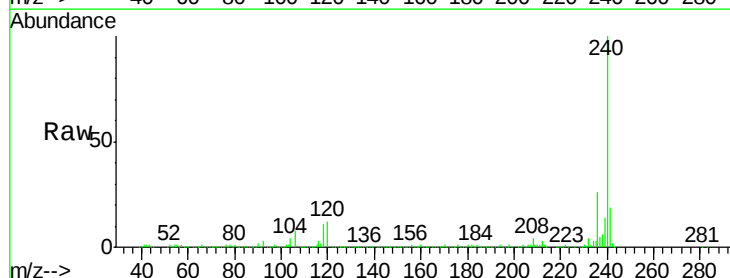


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

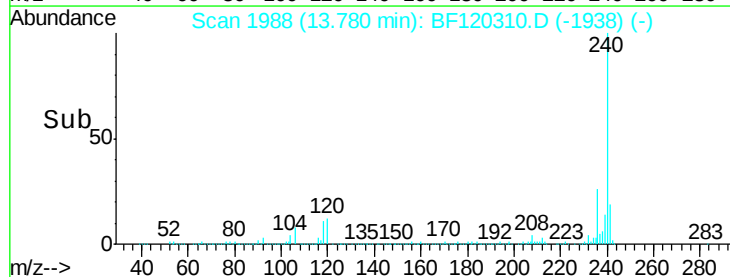
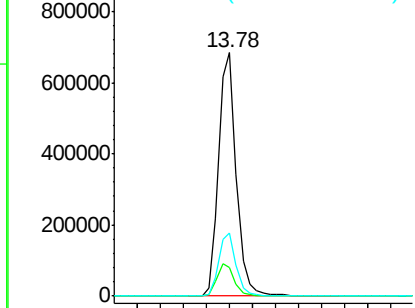


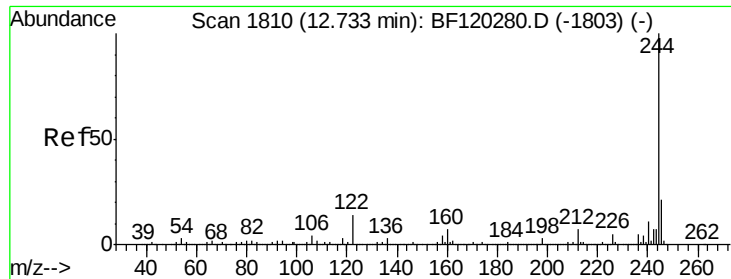
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.4	15.6
236	26.0	21.0	31.6



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

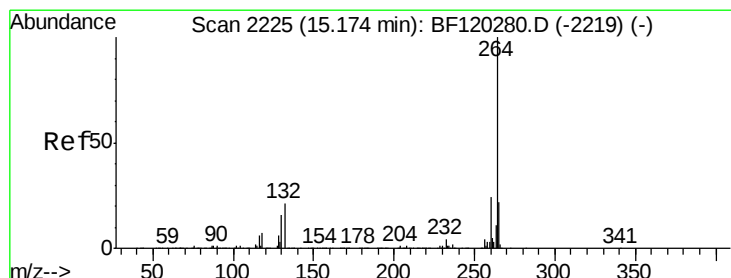
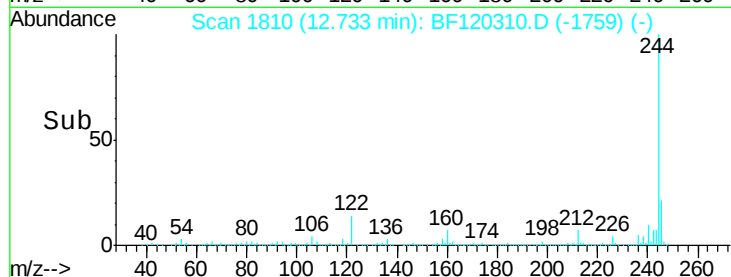
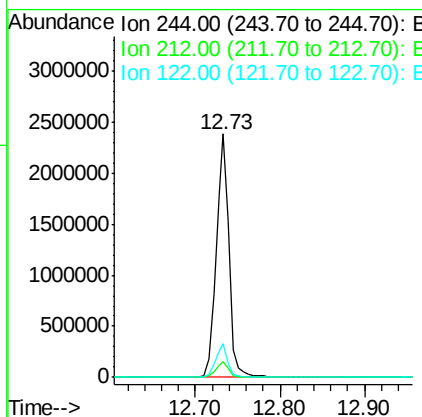
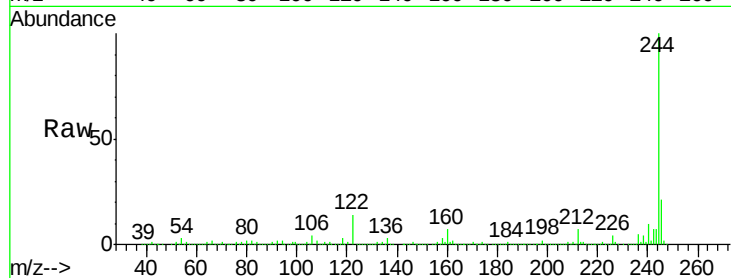




#79
 Terphenyl-d14
 Concen: 77.814 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2566310
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 13.7 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF120310.D
 Acq: 15 May 2020 00:13

Tgt Ion:264 Resp: 537226
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.9 17.5 26.3

