

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120002.D
 Acq On : 15 Apr 2020 19:06
 Operator : MA/SJ
 Sample : L2255-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Quant Time: Apr 16 03:48:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

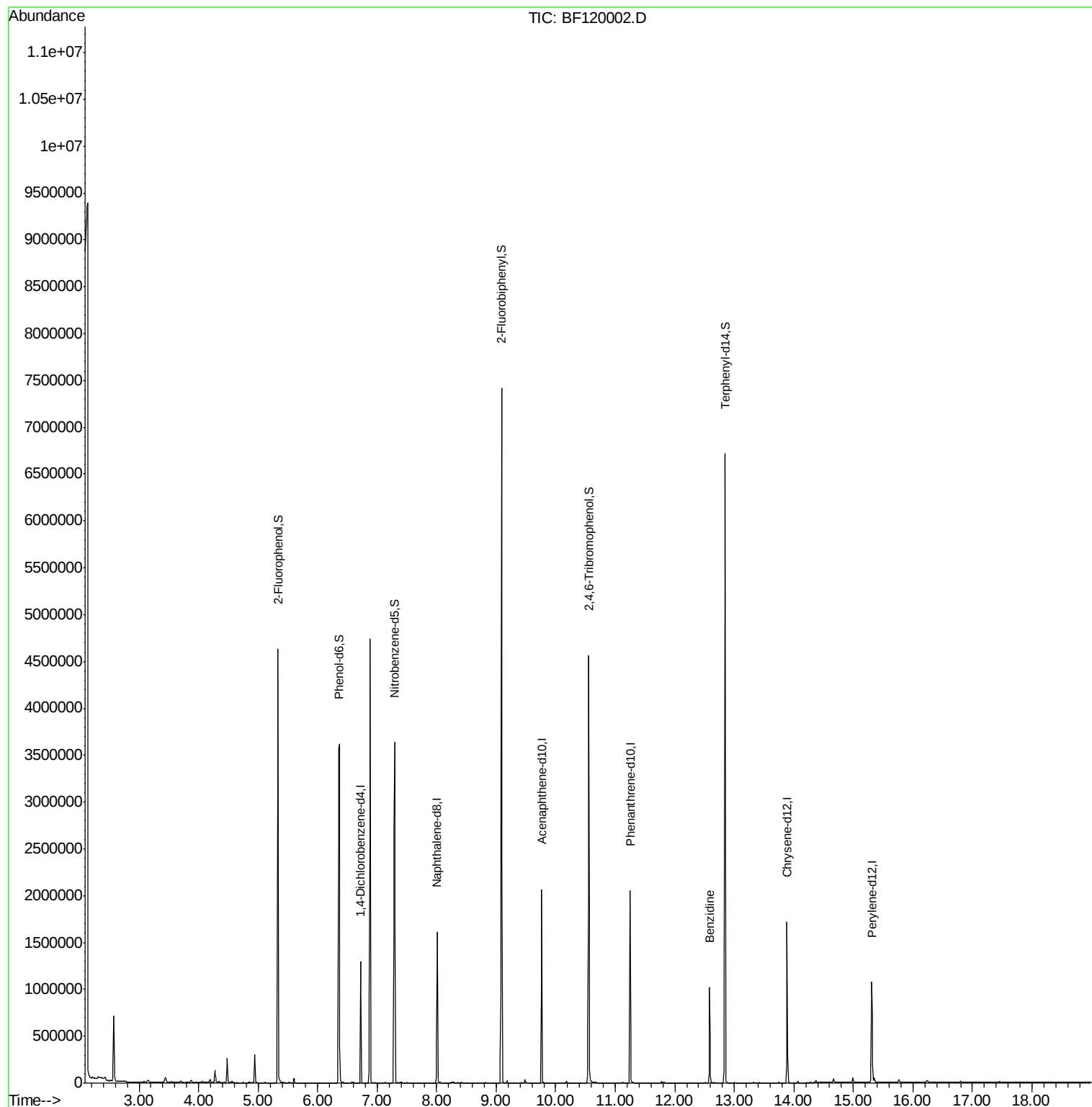
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	185222	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	711781	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	379566	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	766645	20.00	ng	0.00
76) Chrysene-d12	13.89	240	603995	20.00	ng	-0.01
87) Perylene-d12	15.31	264	470171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1353190	126.26	ng	0.00
7) Phenol-d6	6.36	99	1513036	109.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	1248172	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	568529	122.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2342712	87.63	ng	0.00
79) Terphenyl-d14	12.85	244	2873647	80.06	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	354406	17.359	ng	Qvalue 96

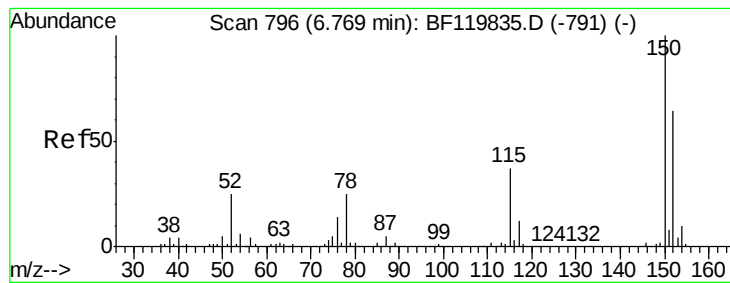
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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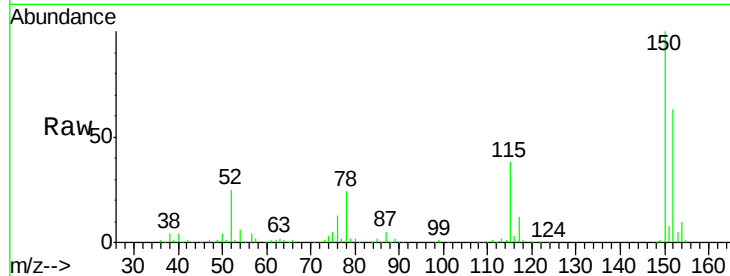


#1

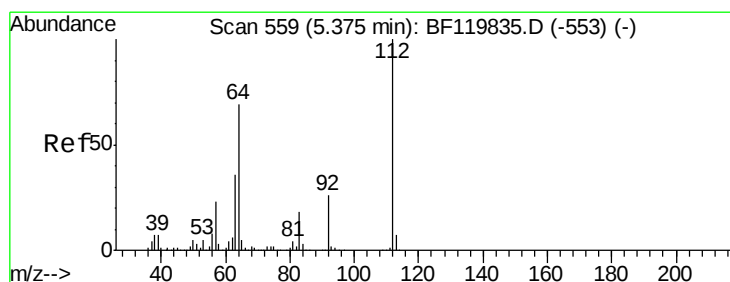
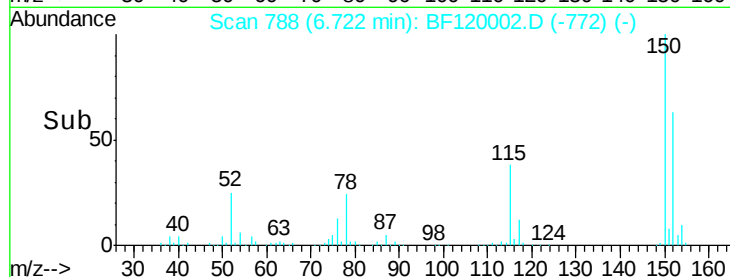
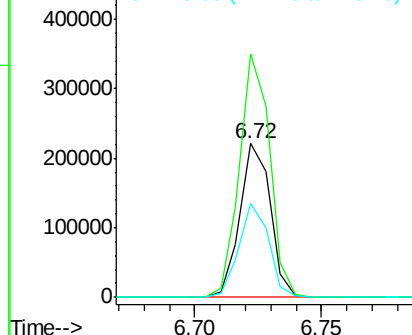
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion:152 Resp: 185222
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.8 187.2
 115 60.9 46.5 69.7



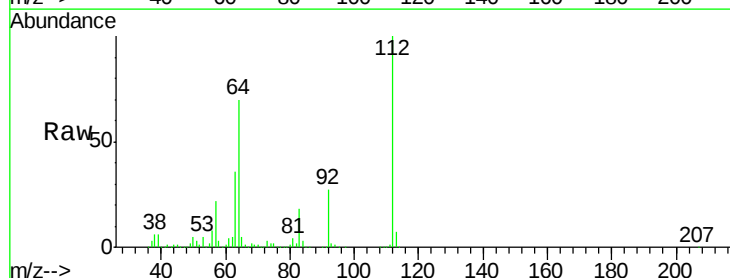
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



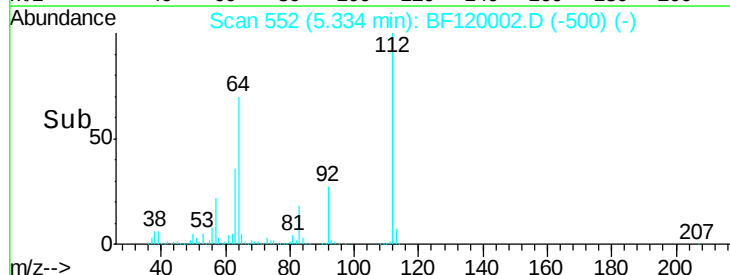
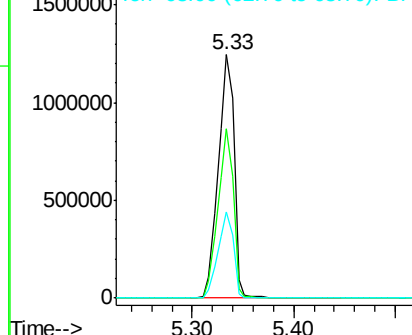
#5

2-Fluorophenol
 Concen: 126.257 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Tgt Ion:112 Resp: 1353190
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.5 83.3
 63 35.6 29.1 43.7



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: 109.558 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

TP-27-26-COMP

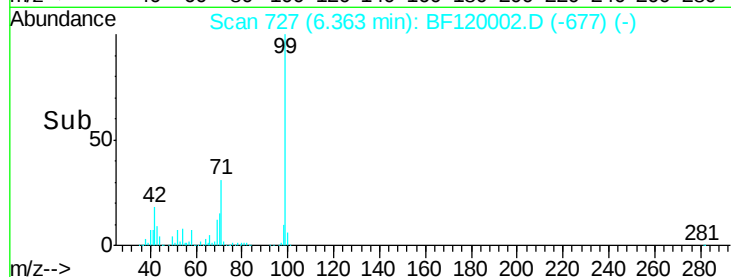
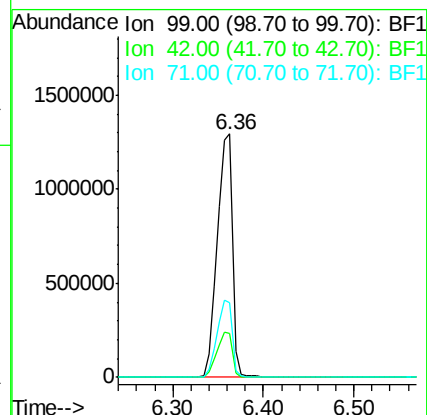
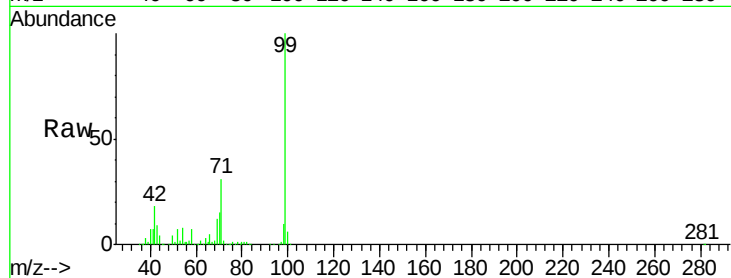
Tot Ion: 99 Resp: 1513036

Ion Ratio Lower Upper

99 100

42 17.8 16.9 25.3

71 30.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Tgt Ion: 136 Resp: 711781

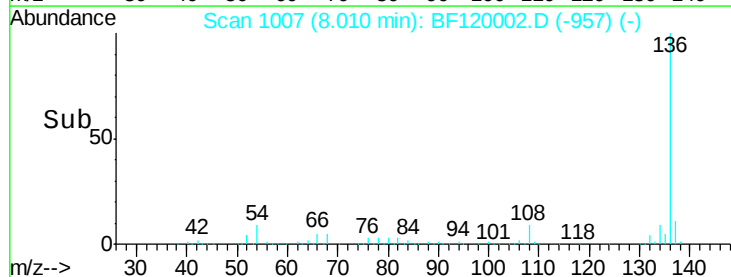
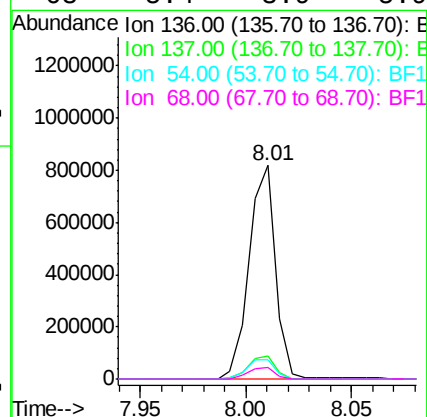
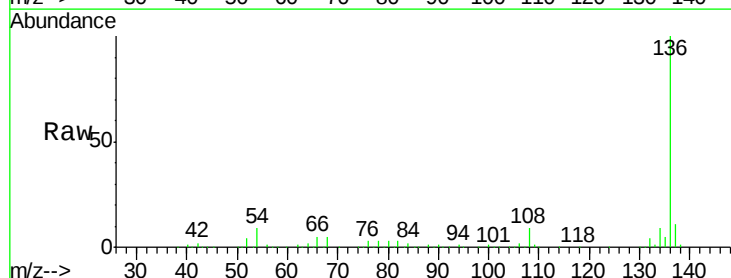
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 8.5 12.7

68 5.4 3.9 5.9

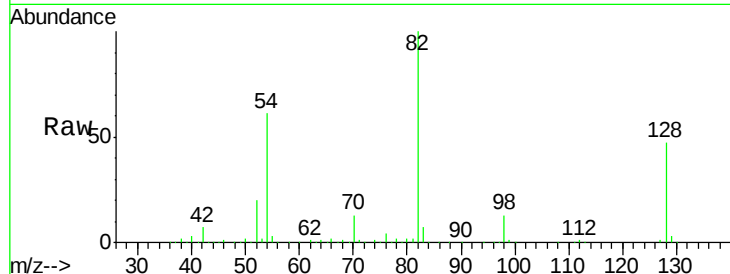




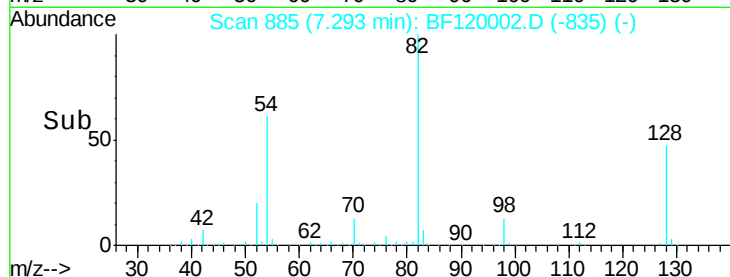
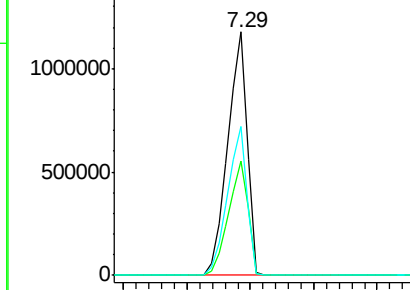
#23
Nitrobenzene-d5
Concen: 90.720 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
TP-27-26-COMP

Tot Ion: 82 Resp: 1248172
Ion Ratio Lower Upper
82 100
128 46.9 36.2 54.4
54 61.3 50.4 75.6

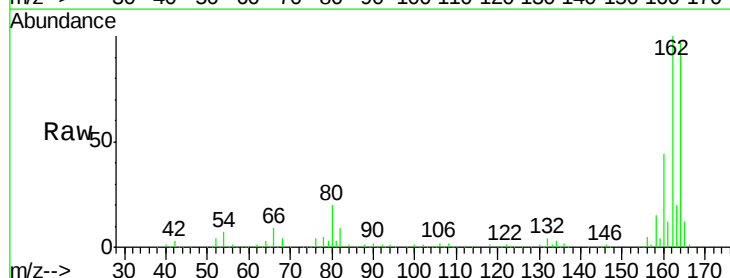


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

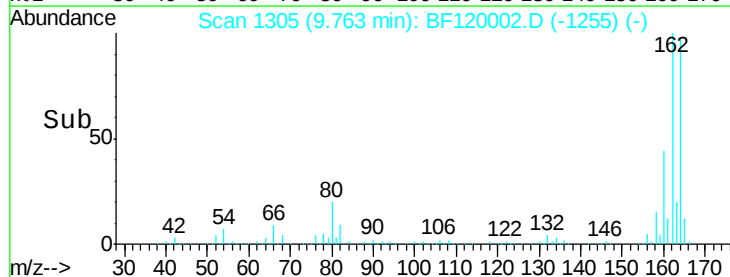
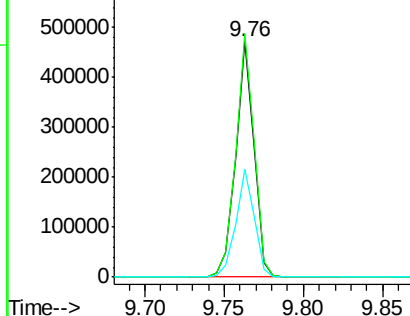


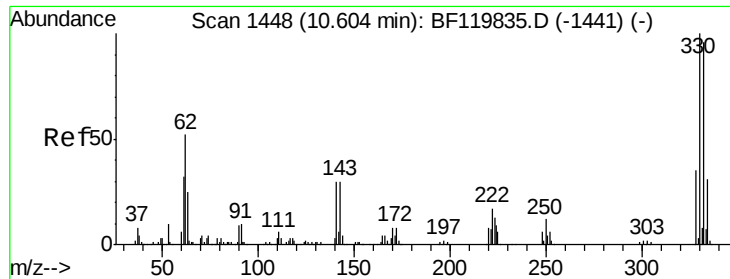
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Tgt Ion:164 Resp: 379566
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 45.9 36.6 54.8



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

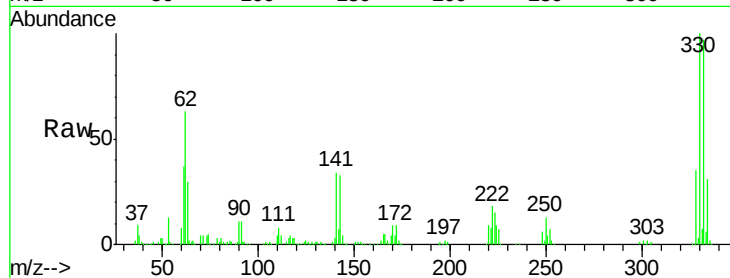




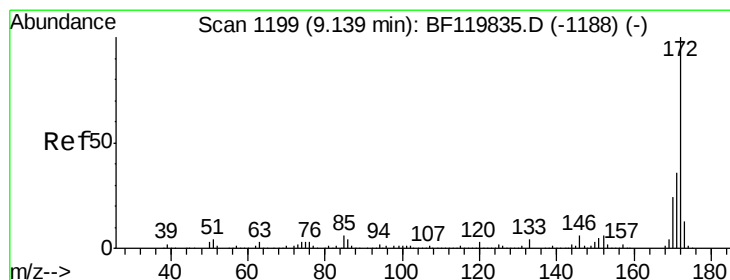
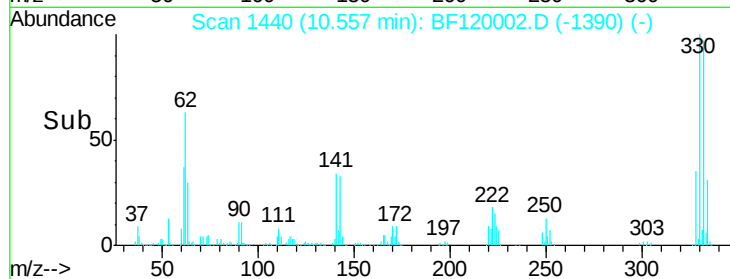
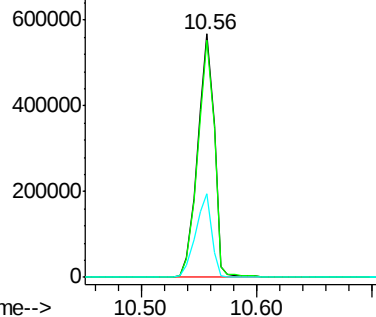
#42
 2,4,6-Tribromophenol
 Concen: 122.339 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion:330 Resp: 568529
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 33.7 25.1 37.7

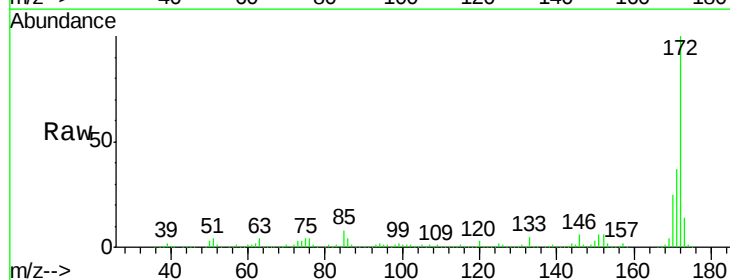


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

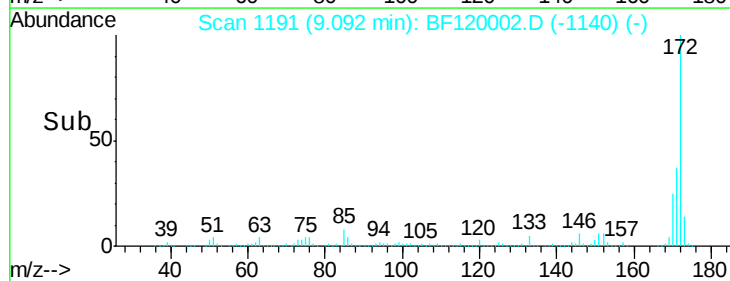
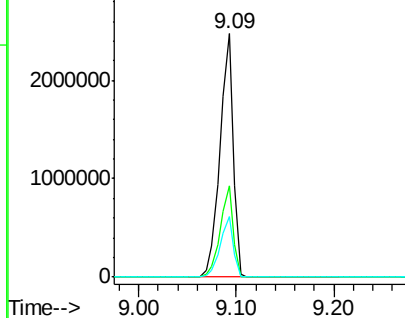


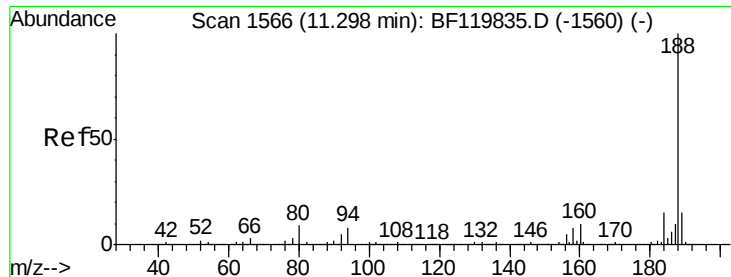
#45
 2-Fluorobiphenyl
 Concen: 87.630 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Tgt Ion:172 Resp: 2342712
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 24.6 19.4 29.2



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

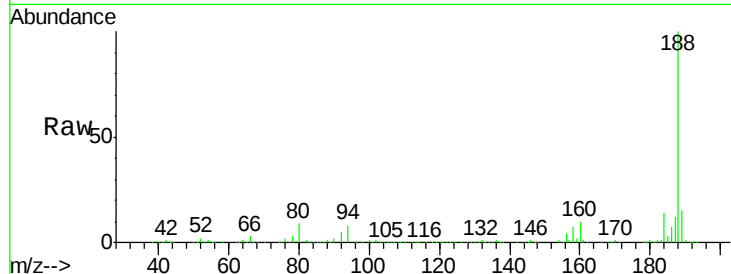




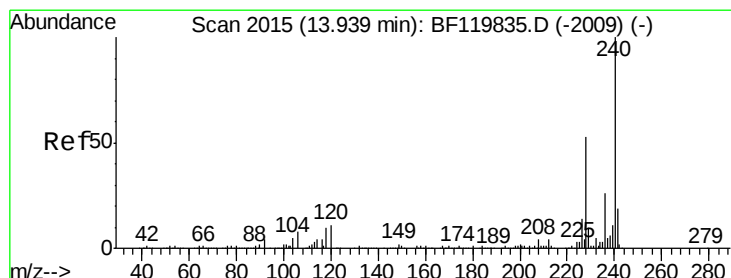
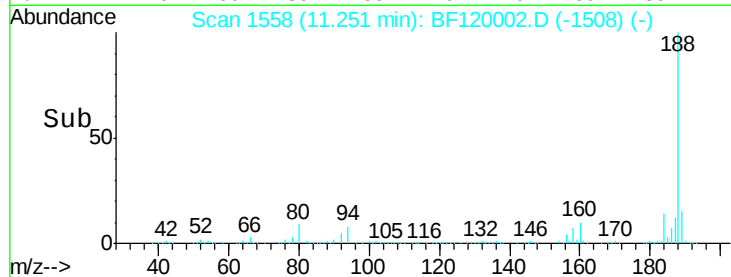
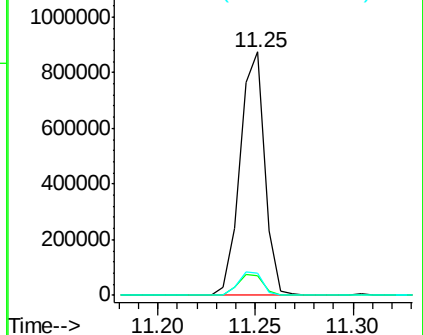
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
TP-27-26-COMP

Tot Ion:188 Resp: 766645
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.1 7.4 11.2

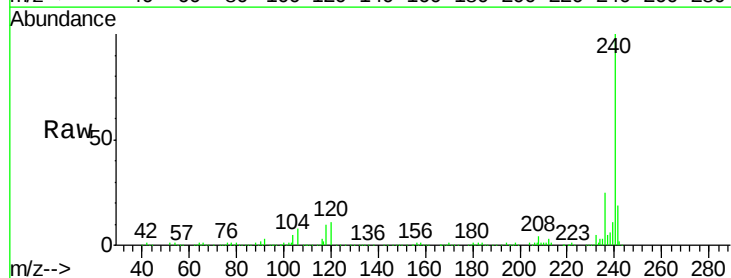


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

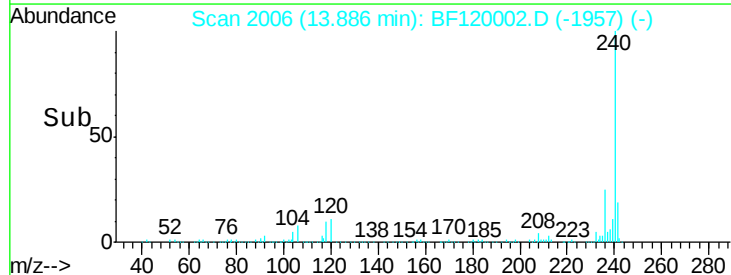
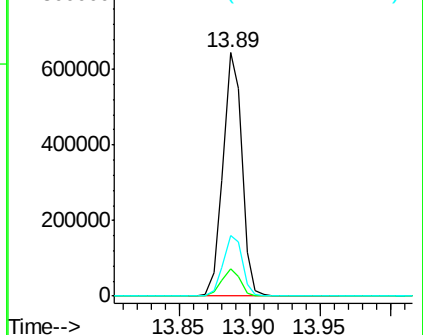


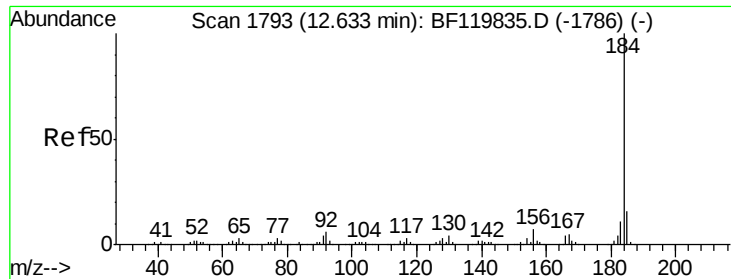
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Tgt Ion:240 Resp: 603995
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 24.9 20.7 31.1



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





#77

Benzidine

Concen: 17.359 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Instrument :

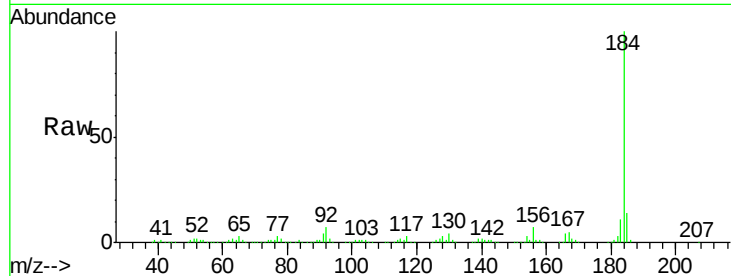
BNA_F

ClientSampleId :

TP-27-26-COMP

Tot Ion:184 Resp: 354406

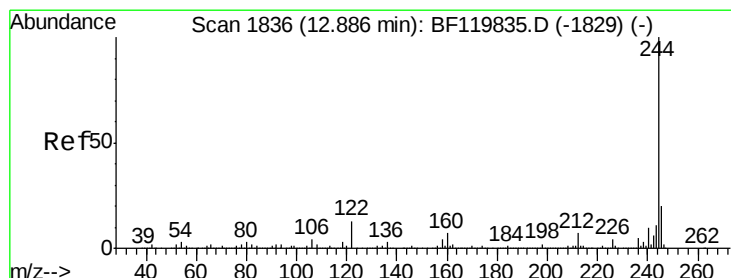
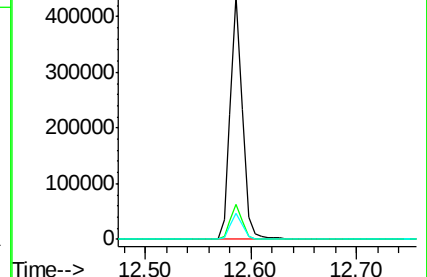
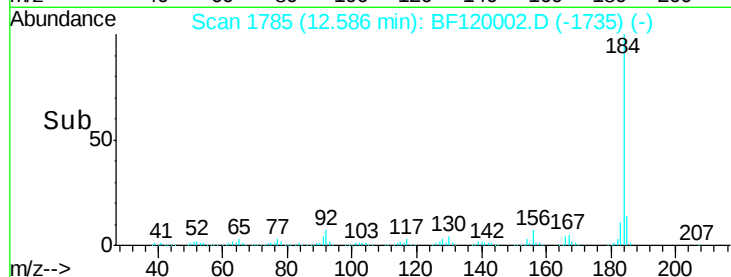
Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.2	19.8
183	10.8	9.1	13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.056 ng

RT: 12.85 min Scan# 1829

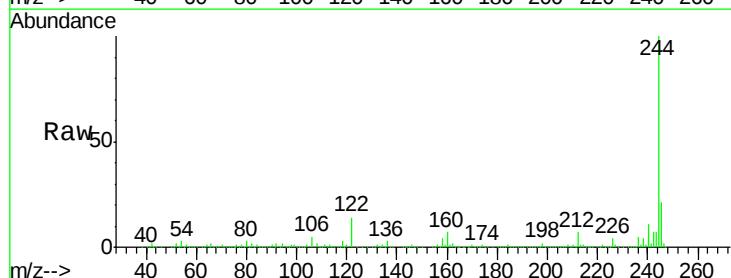
Delta R.T. 0.00 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Tgt Ion:244 Resp: 2873647

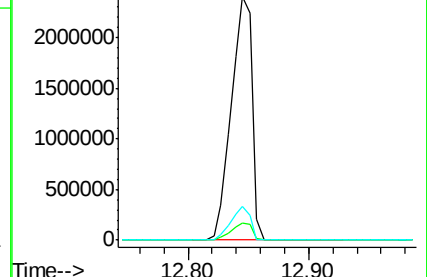
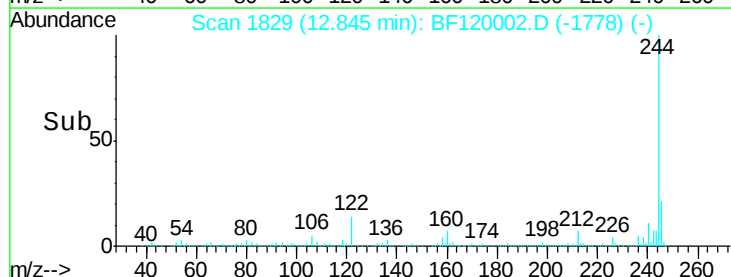
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.8	10.3	15.5

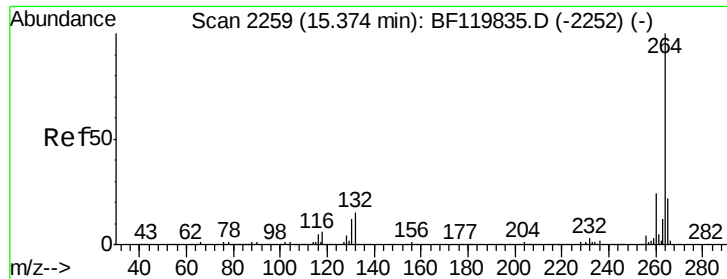


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.4	17.6	26.4

