

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119220.D
 Acq On : 5 Mar 2020 19:04
 Operator : CG/JU
 Sample : PB127257BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BL

Quant Time: Mar 06 07:05:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137188	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	534190	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	298993	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	570461	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	348701	20.00	ng	-0.02
87) Perylene-d12	15.30	264	283630	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1017706	123.97	ng	0.00
7) Phenol-d6	6.38	99	1241115	124.31	ng	-0.02
23) Nitrobenzene-d5	7.29	82	829262	81.97	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	467436	119.51	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1676859	82.62	ng	-0.03
79) Terphenyl-d14	12.83	244	2082882	102.84	ng	-0.02

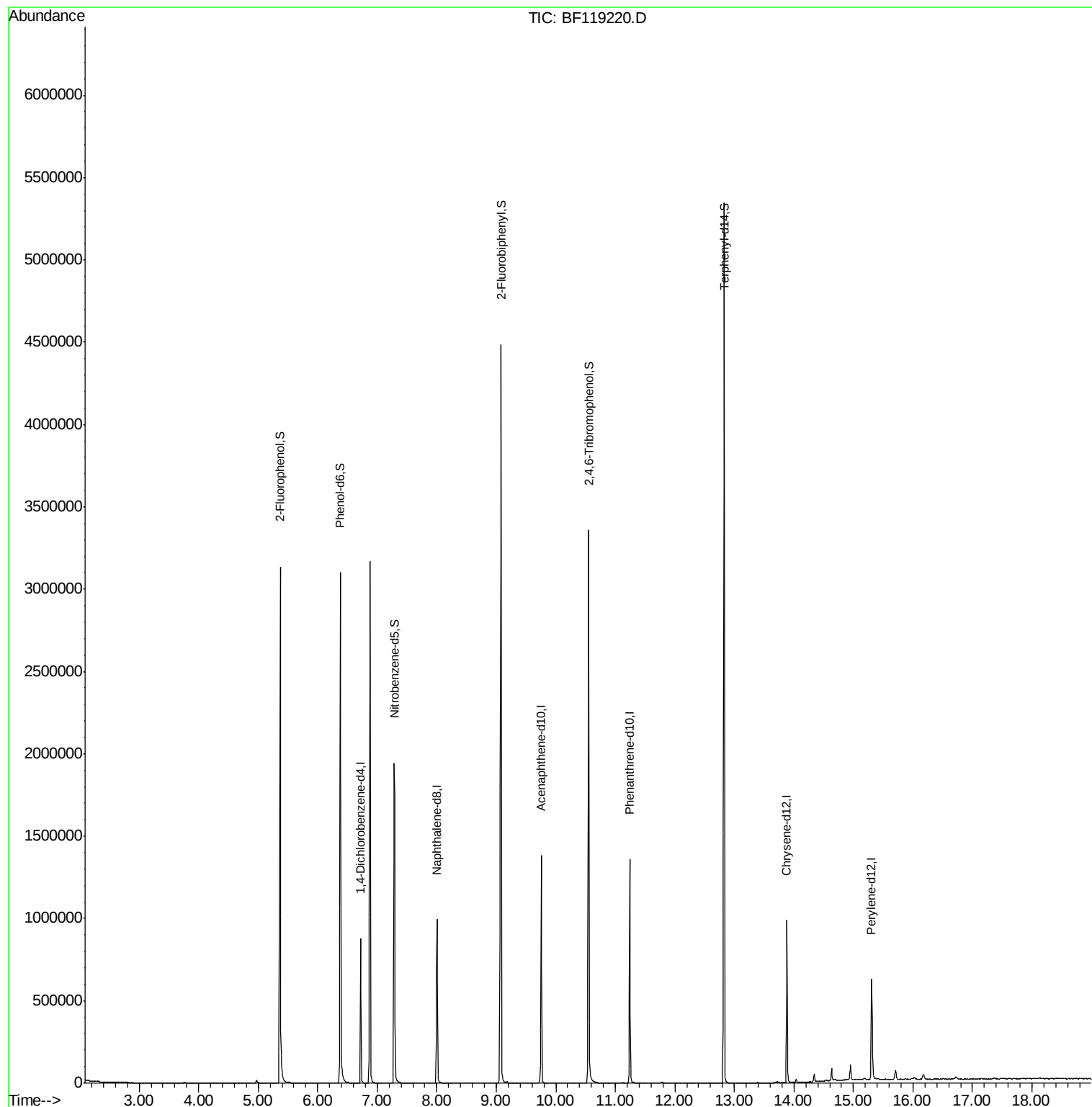
Target Compounds Qvalue

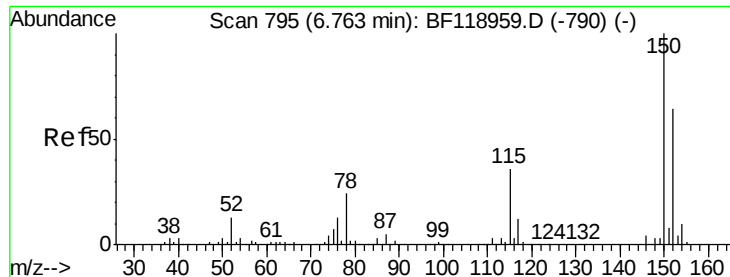
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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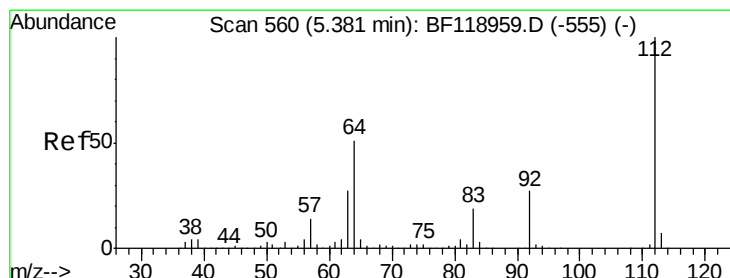
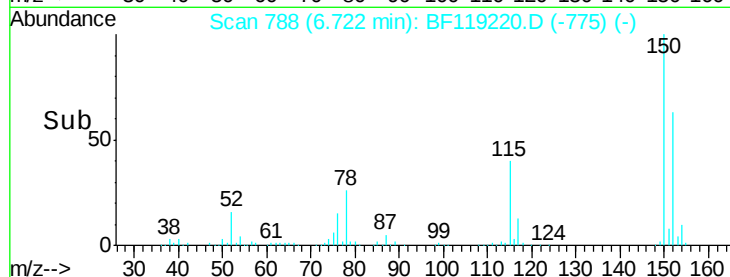
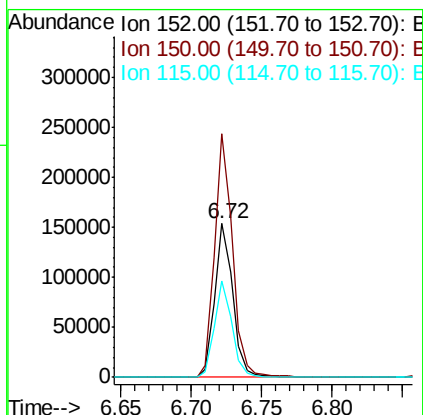
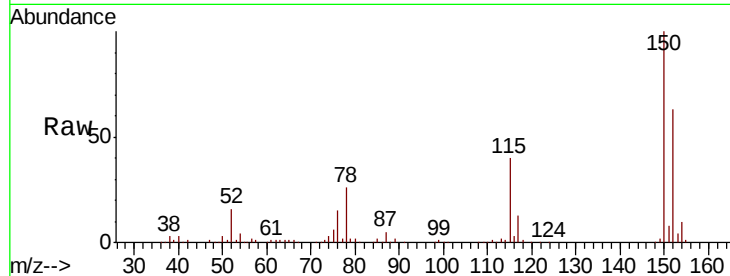


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Instrument :
BNA_F
ClientSampleId :
PB127257BL

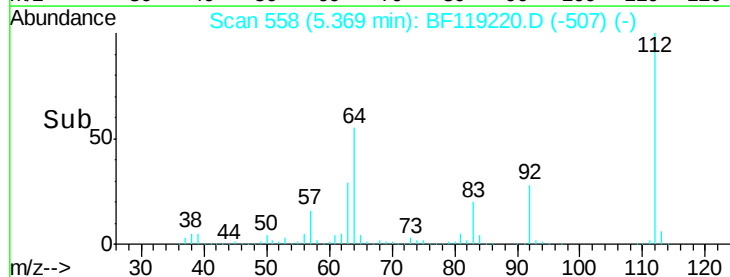
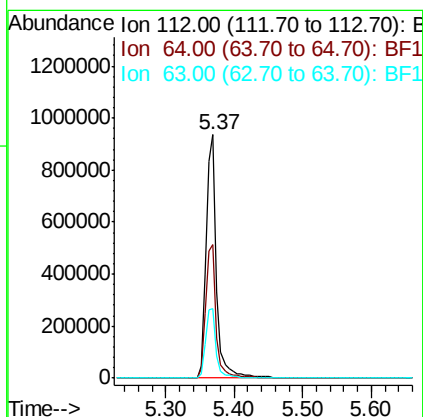
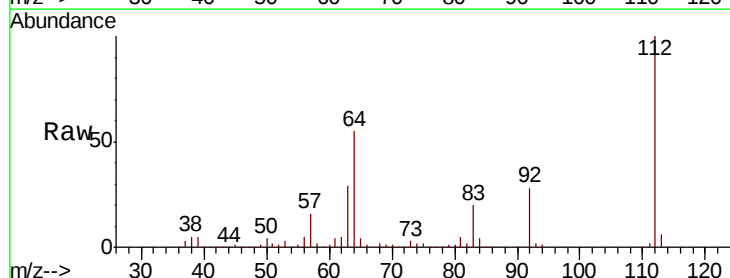
Tot Ion:152 Resp: 137188
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 62.9 49.5 74.3



#5

2-Fluorophenol
Concen: 123.973 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Tgt Ion:112 Resp: 1017706
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.7 24.2 36.4





#7

Phenol-d6

Concen: 124.314 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Instrument :

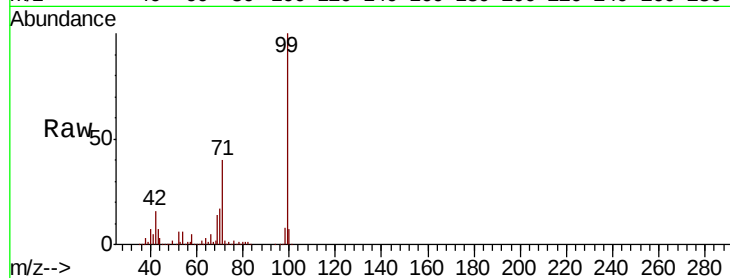
BNA_F

ClientSampleId :

PB127257BL

Tot Ion: 99 Resp: 1241115

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	39.9	31.0	46.4

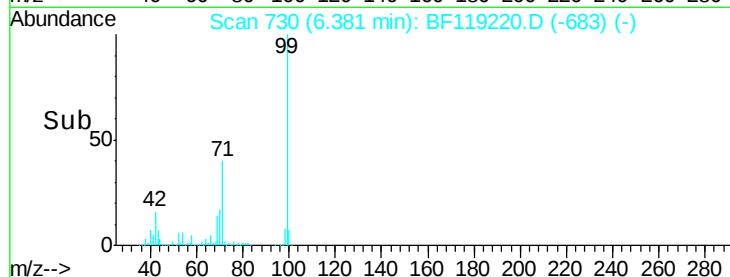
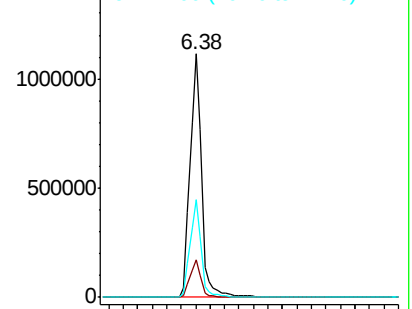


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

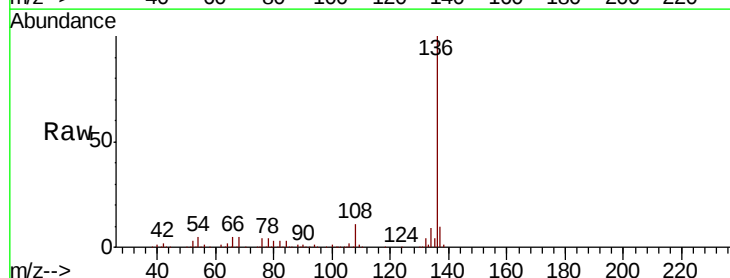
Delta R.T. -0.03 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Tgt Ion: 136 Resp: 534190

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	5.2	3.8	5.6
68	5.2	3.9	5.9



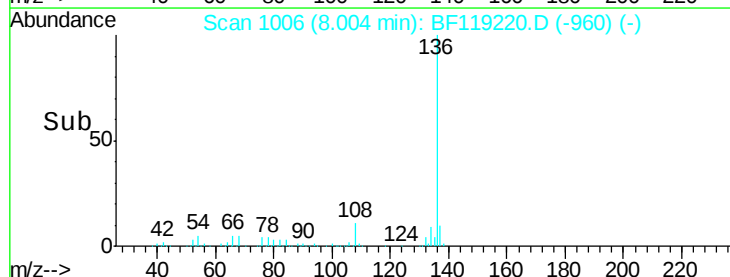
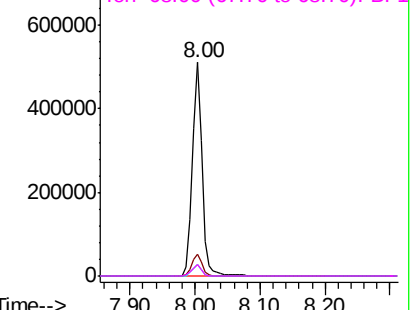
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

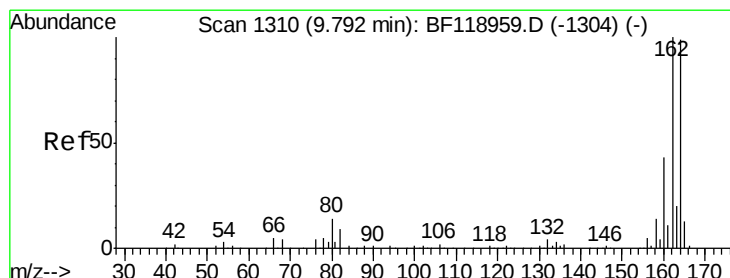
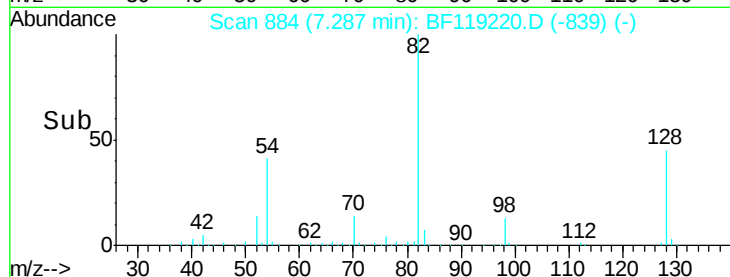
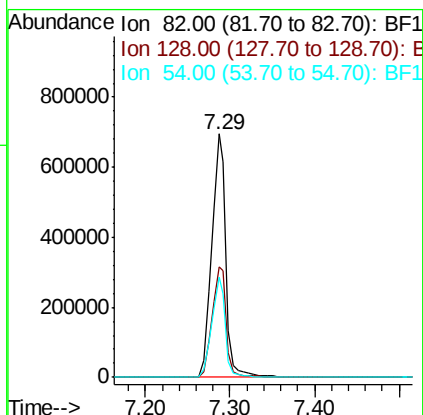
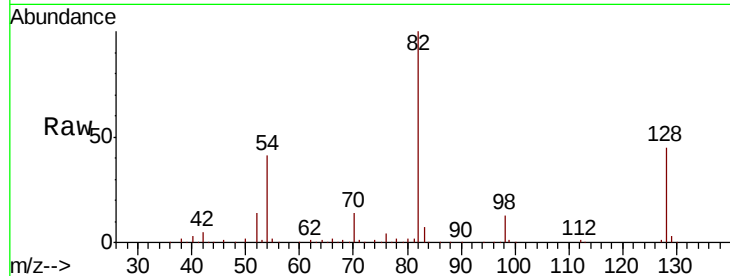




#23
 Nitrobenzene-d5
 Concen: 81.965 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

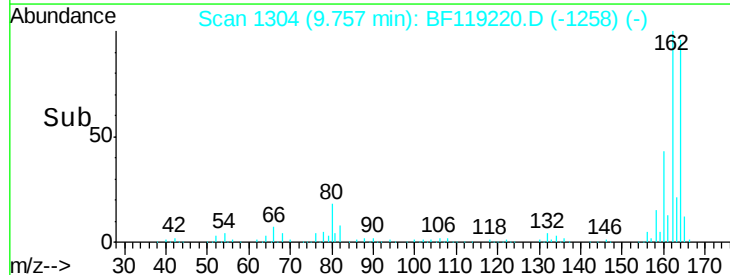
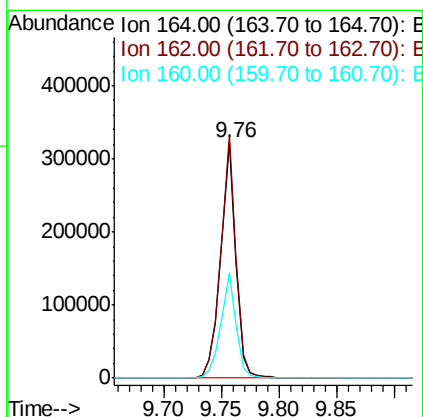
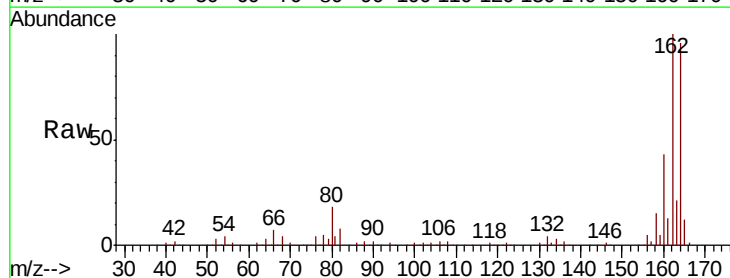
Instrument :
 BNA_F
 ClientSampleId :
 PB127257BL

Tot Ion: 82 Resp: 829262
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.9 56.9
 54 41.0 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion:164 Resp: 298993
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.8 122.8
 160 44.7 36.0 54.0

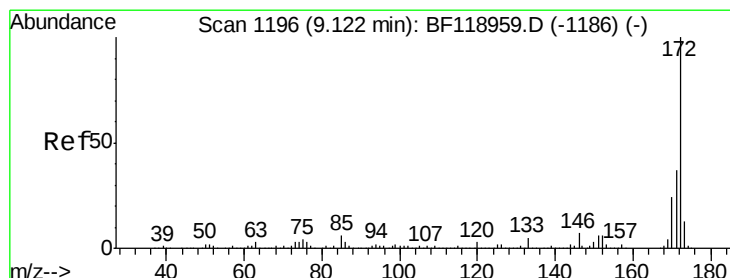
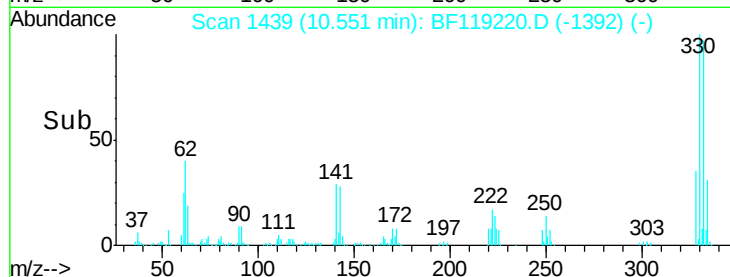
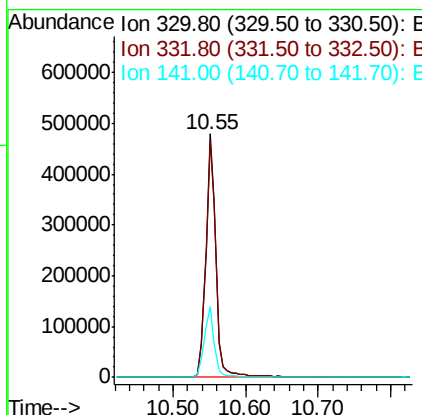
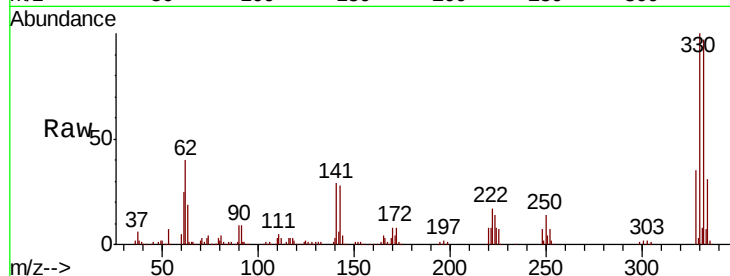




#42
 2,4,6-Tribromophenol
 Concen: 119.508 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

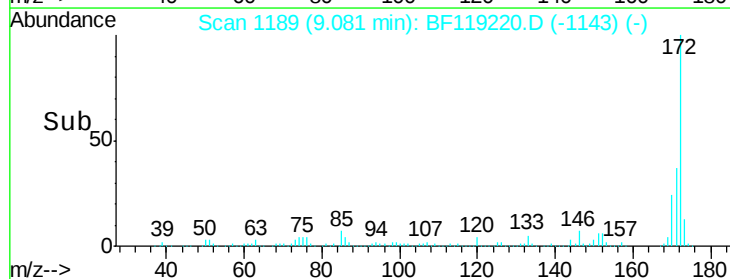
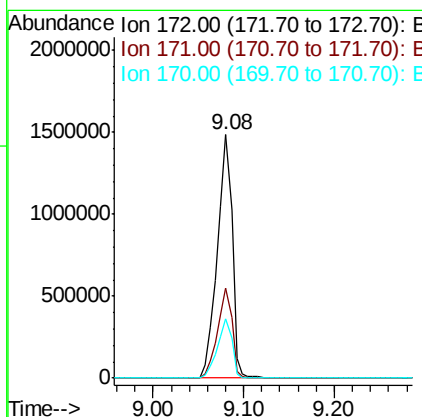
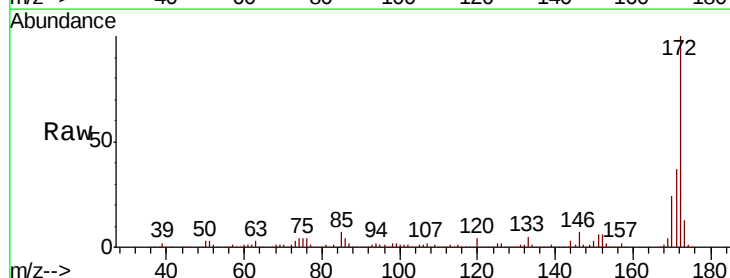
Instrument :
 BNA_F
 ClientSampleId :
 PB127257BL

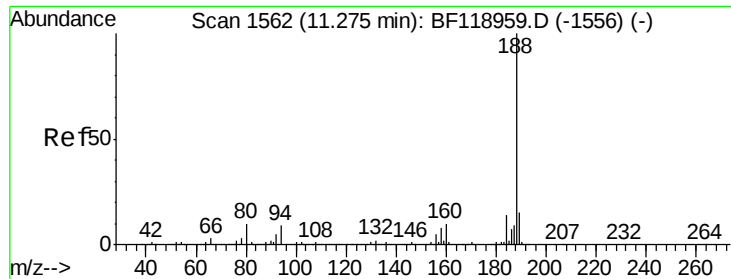
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	29.2	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 82.621 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.2	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Instrument :

BNA_F

ClientSampleId :

PB127257BL

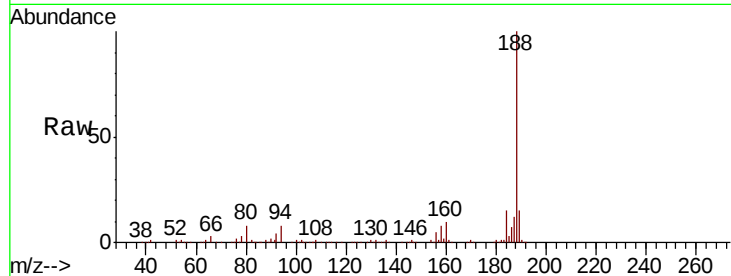
Tot Ion:188 Resp: 570461

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

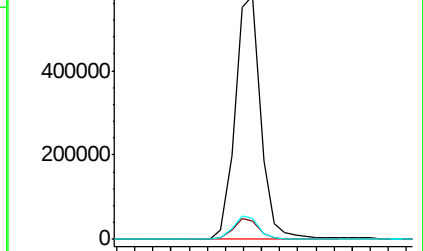
80 8.3 7.8 11.8



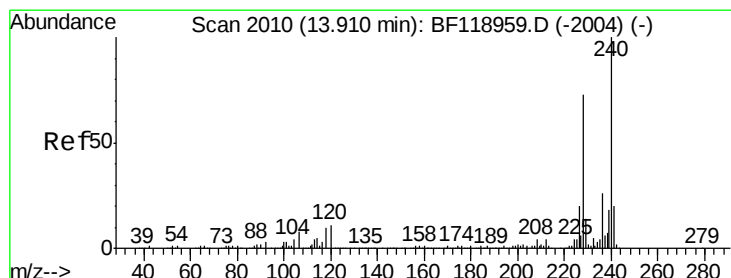
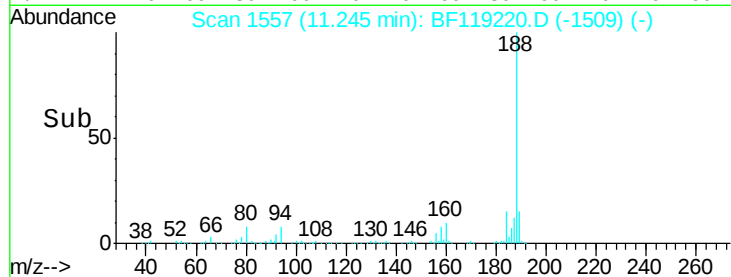
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

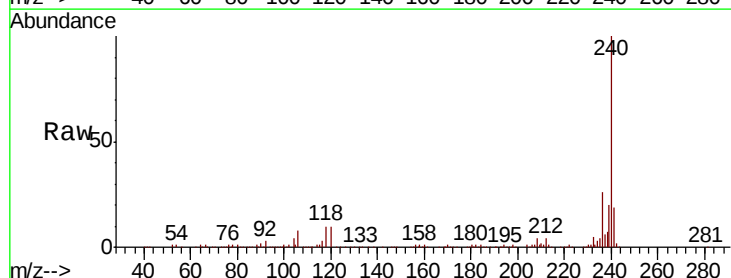
Tgt Ion:240 Resp: 348701

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

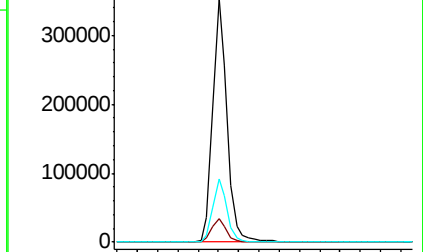
236 26.0 21.0 31.4



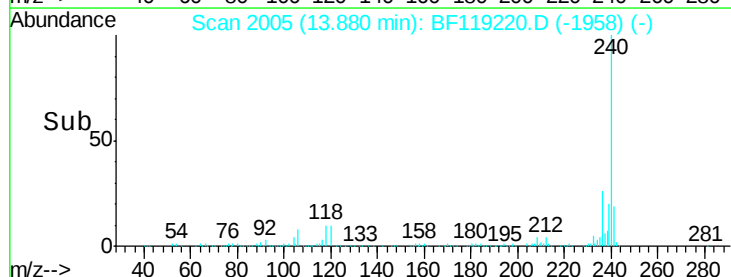
Abundance Ion 240.00 (239.70 to 240.70): E

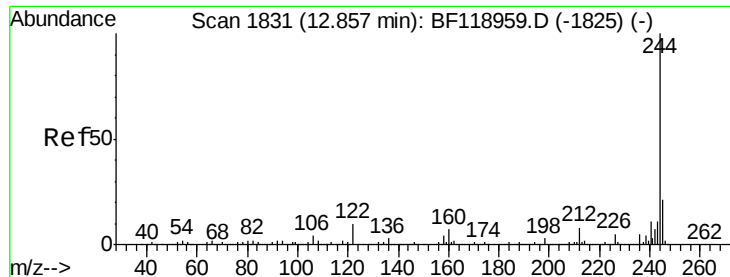
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

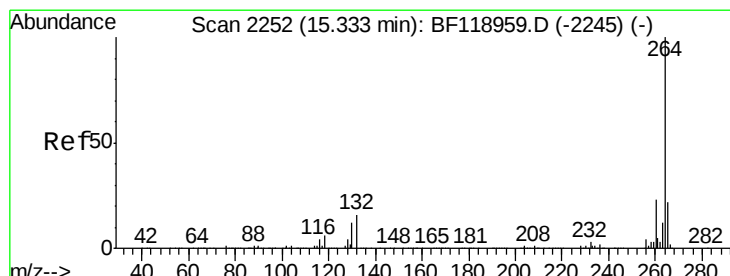
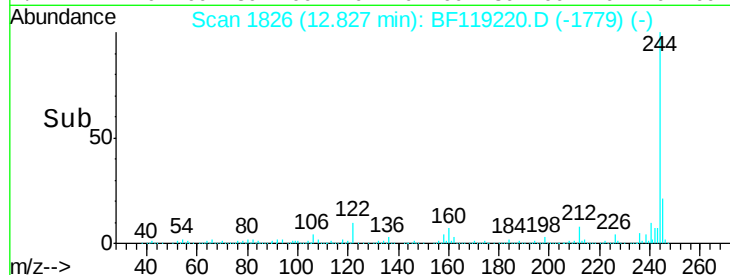
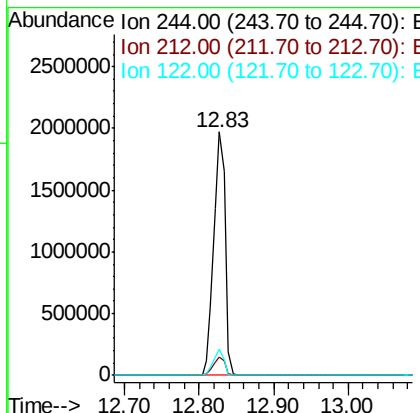
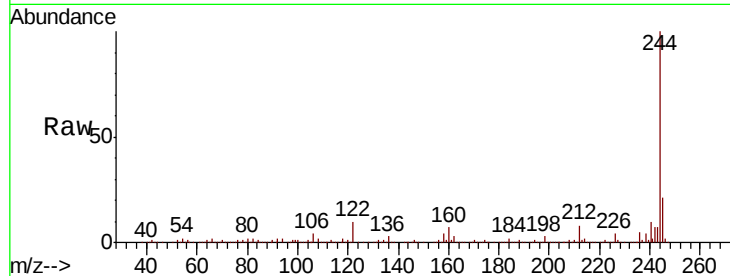




#79
 Terphenyl-d14
 Concen: 102.840 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BL

Tot Ion:244 Resp: 2082882
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.5 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion:264 Resp: 283630
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.1 17.7 26.5

