

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119224.D
 Acq On : 5 Mar 2020 21:03
 Operator : CG/JU
 Sample : PB127261BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:29:21 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

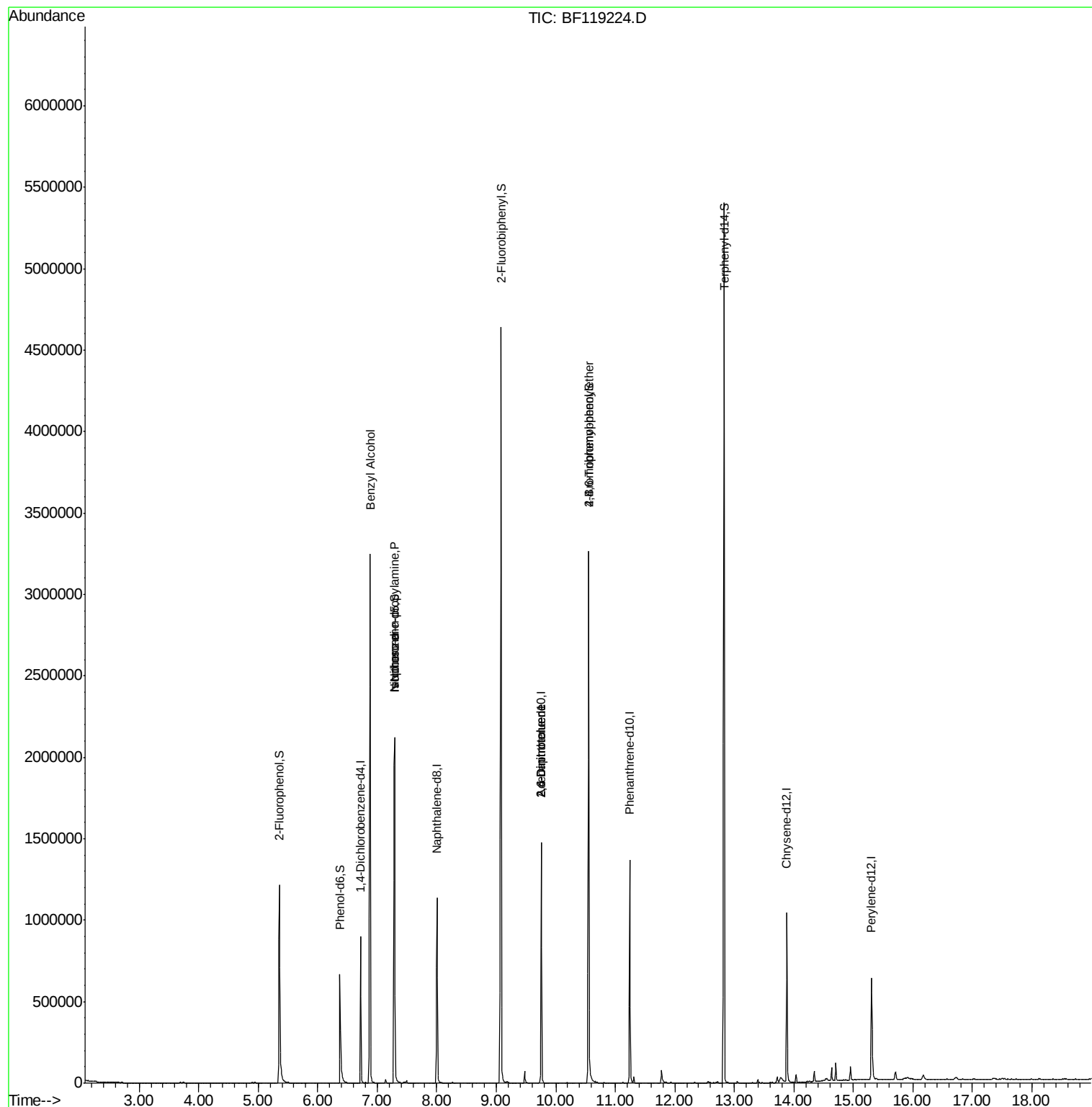
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140048	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	549364	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	305493	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	575653	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	358525	20.00	ng	-0.02
87) Perylene-d12	15.30	264	290324	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	429373	51.24	ng	-0.01
7) Phenol-d6	6.37	99	313944	30.80	ng	-0.03
23) Nitrobenzene-d5	7.29	82	855890	82.26	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	481280	120.43	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1706901	82.31	ng	-0.03
79) Terphenyl-d14	12.83	244	2028795	97.42	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.88	79	14767	2.005	ng	# 53
19) n-Nitroso-di-n-propylamine	7.29	70	120981	20.371	ng	# 74
25) Isophorone	7.29	82	851530	47.125	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	39827	7.674	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	39827	5.920	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	31193	4.146	ng	# 1

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

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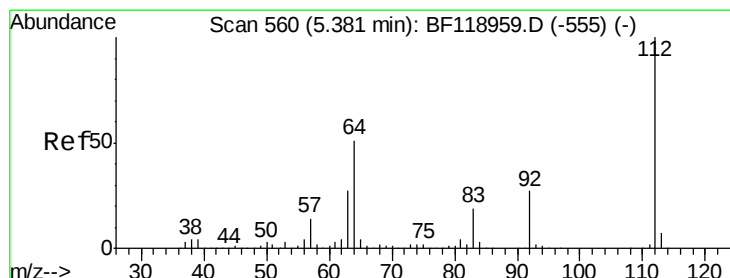
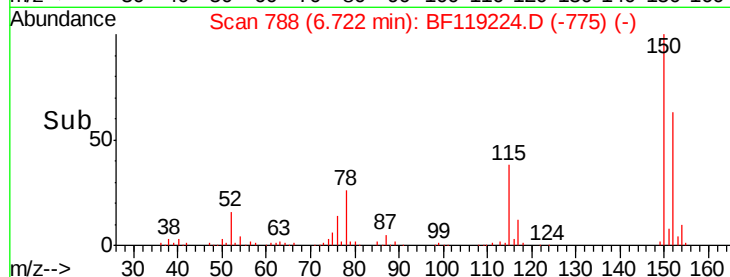
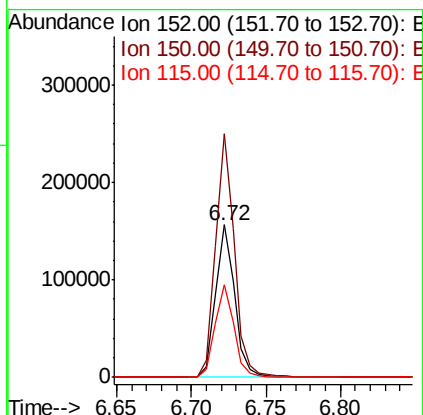
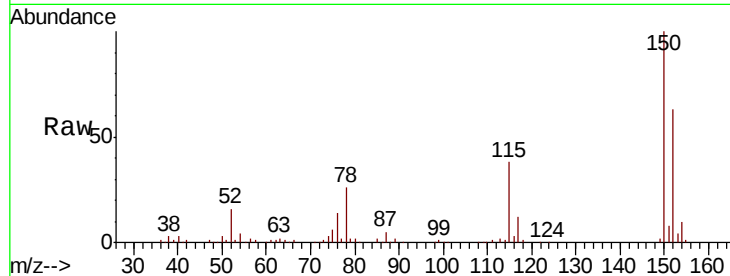


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Instrument :
BNA_F
ClientSampleId :

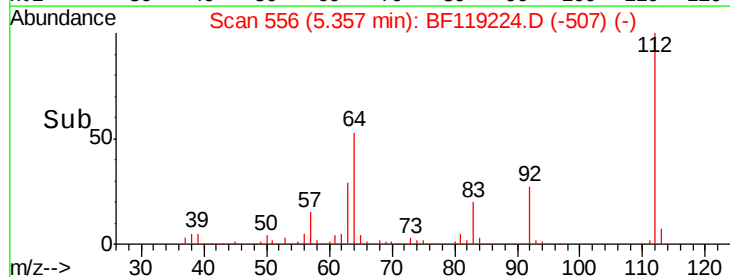
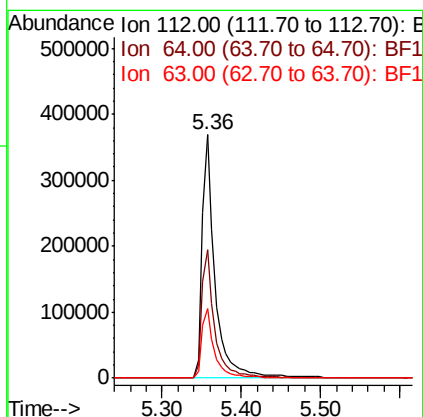
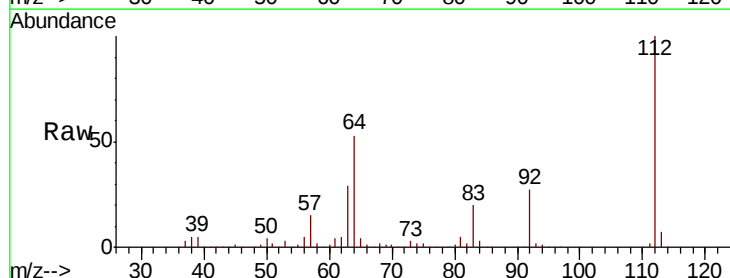
Tot Ion:152 Resp: 140048
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 61.1 49.5 74.3



#5

2-Fluorophenol
Concen: 51.237 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Tgt Ion:112 Resp: 429373
Ion Ratio Lower Upper
112 100
64 52.5 45.0 67.4
63 28.6 24.2 36.4





#7

Phenol-d6

Concen: 30.803 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119224.D

Acq: 5 Mar 2020 21:03

Instrument :

BNA_F

ClientSampleId :

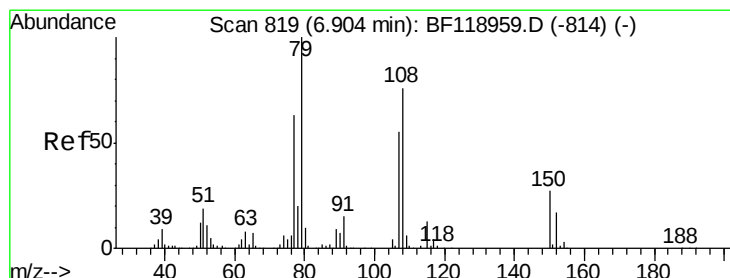
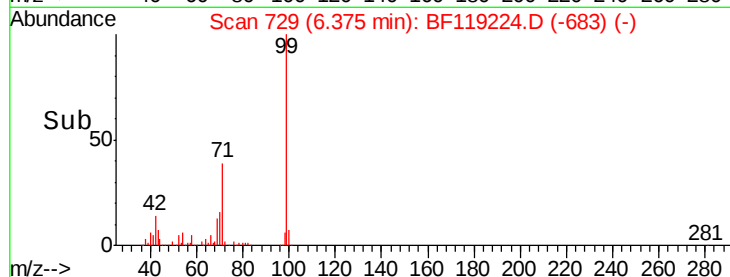
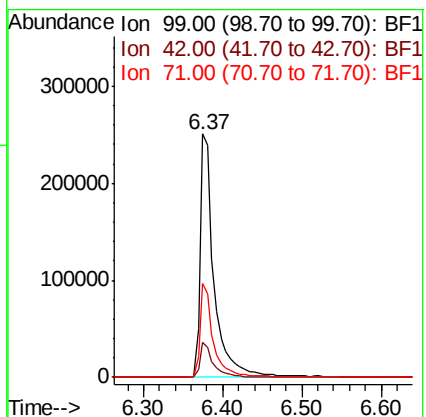
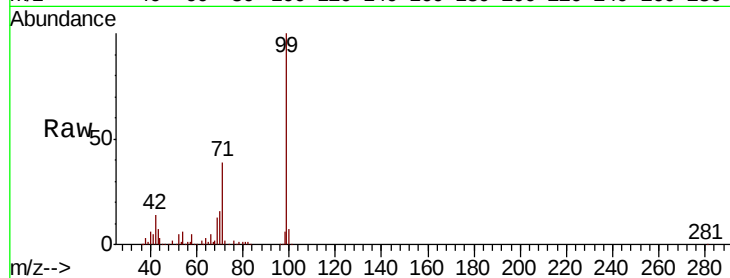
Tot Ion: 99 Resp: 313944

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

71 38.7 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.005 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119224.D

Acq: 5 Mar 2020 21:03

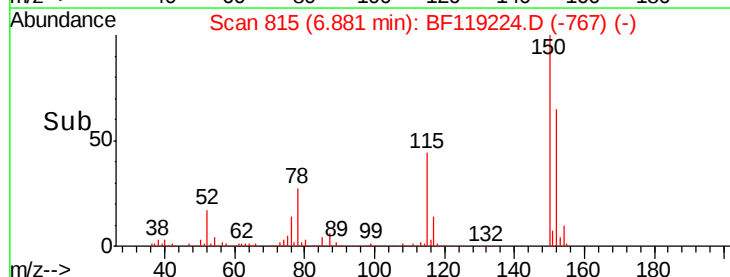
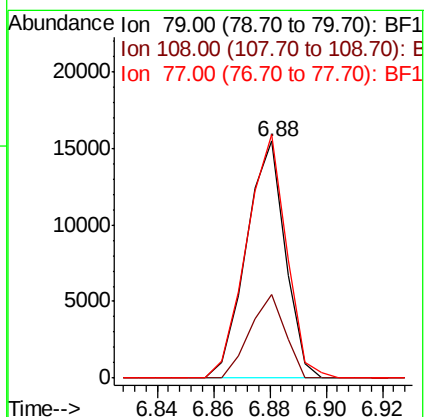
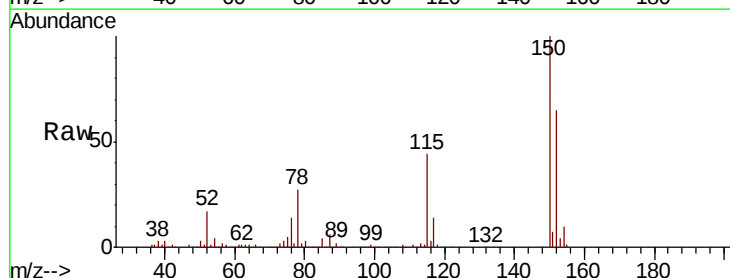
Tgt Ion: 79 Resp: 14767

Ion Ratio Lower Upper

79 100

108 35.5 58.2 87.2#

77 102.9 51.2 76.8#

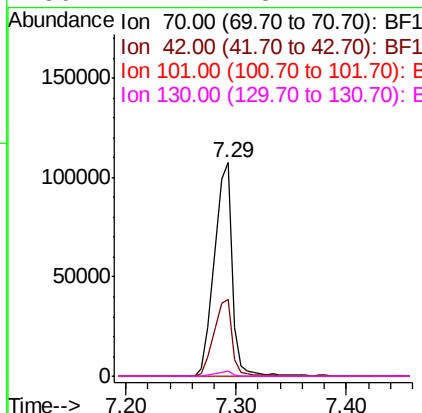
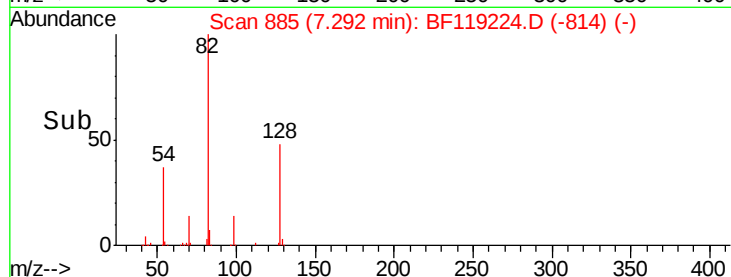
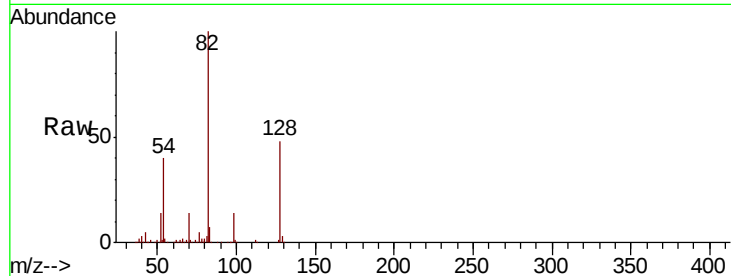




#19
n-Nitroso-di-n-propylamine
Concen: 20.371 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

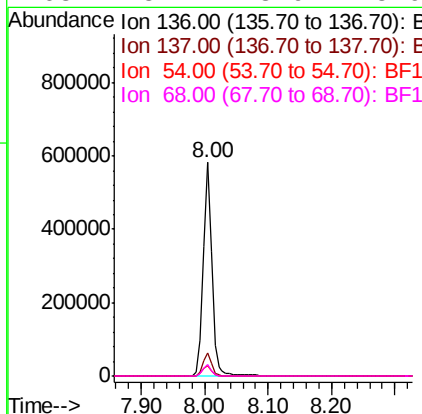
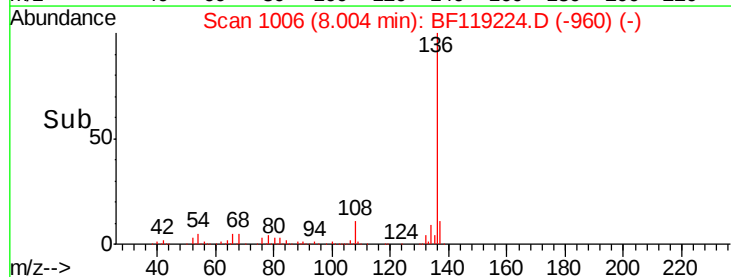
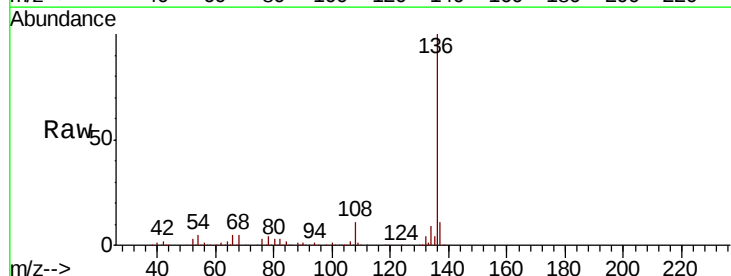
Instrument :
BNA_F
ClientSampleId :

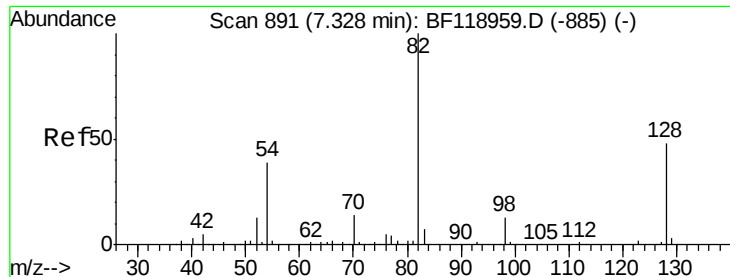
Tot Ion: 70 Resp: 120981
Ion Ratio Lower Upper
70 100
42 35.9 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Tgt Ion: 136 Resp: 549364
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.1 3.8 5.6
68 5.4 3.9 5.9

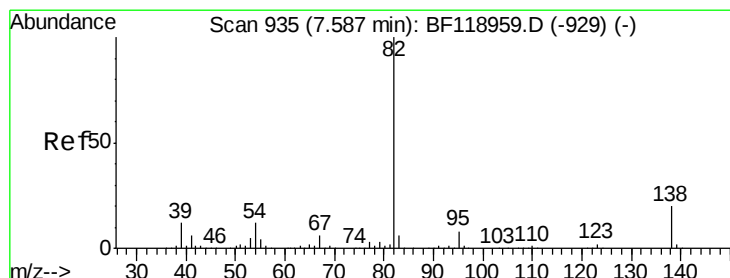
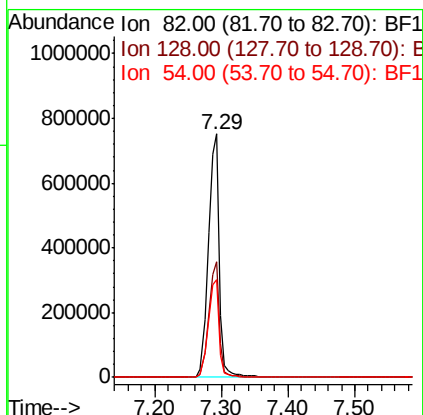
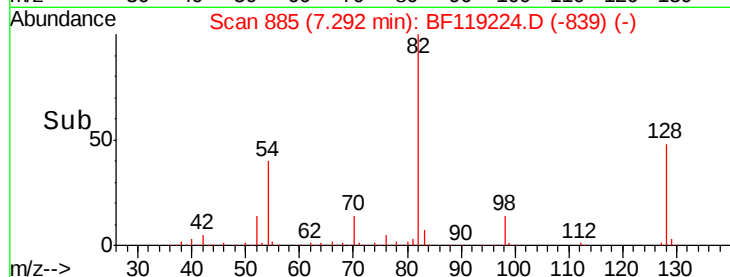
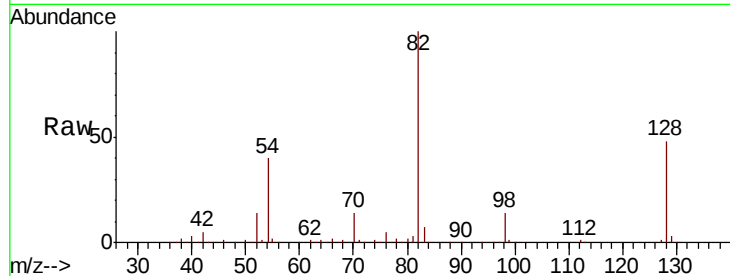




#23
Nitrobenzene-d5
Concen: 82.261 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

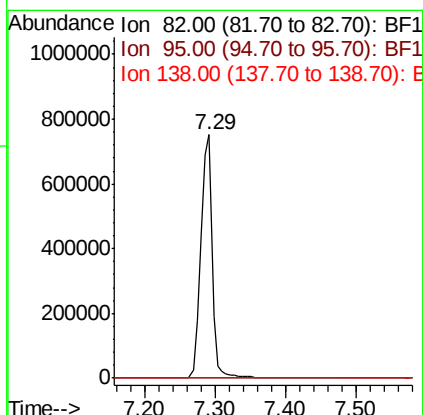
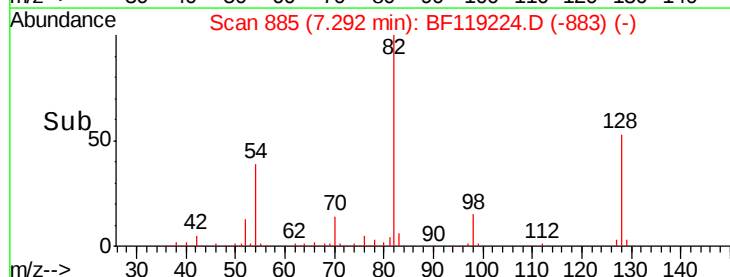
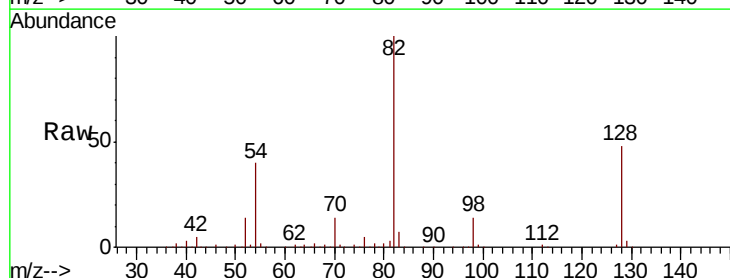
Instrument :
BNA_F
ClientSampleId :

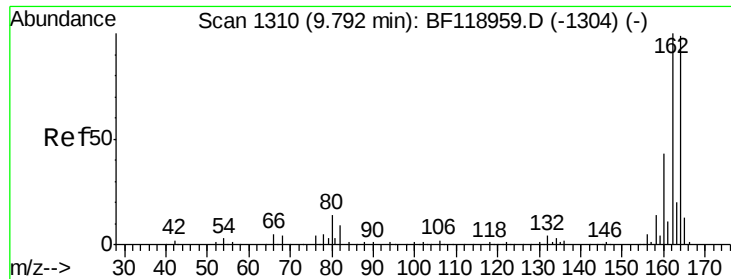
Tot Ion: 82 Resp: 855890
Ion Ratio Lower Upper
82 100
128 47.7 37.9 56.9
54 40.1 33.4 50.2



#25
Isophorone
Concen: 47.125 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Tgt Ion: 82 Resp: 851530
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF119224.D

Acq: 5 Mar 2020 21:03

Instrument :

BNA_F

ClientSampleId :

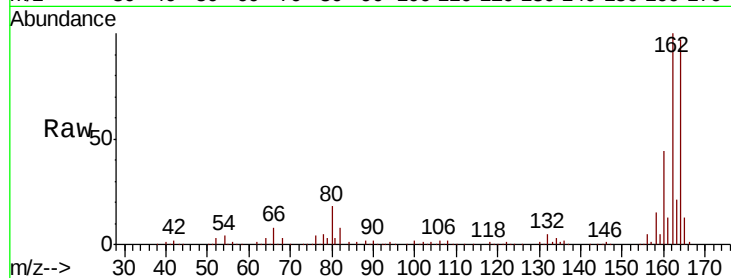
Tot Ion:164 Resp: 305493

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

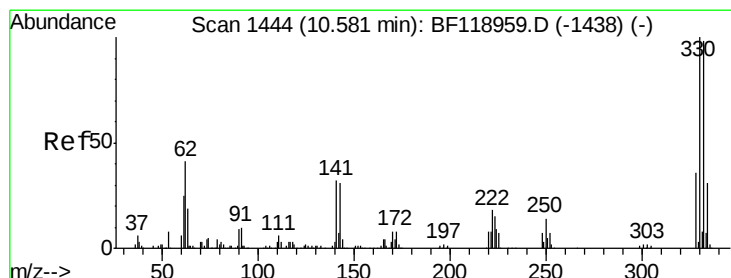
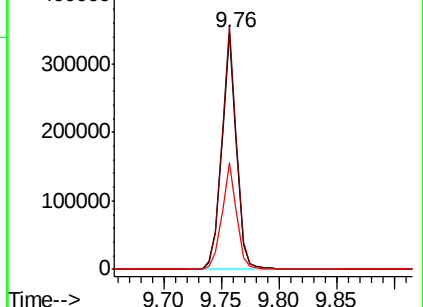
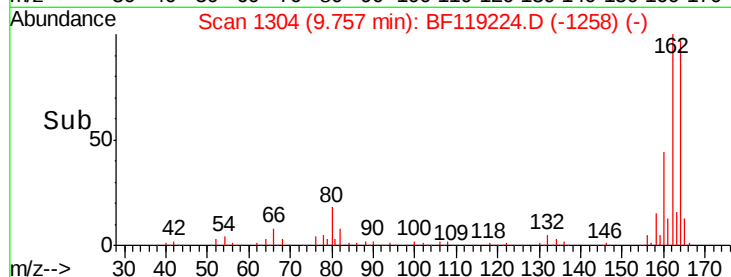
160 45.2 36.0 54.0



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: 120.429 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119224.D

Acq: 5 Mar 2020 21:03

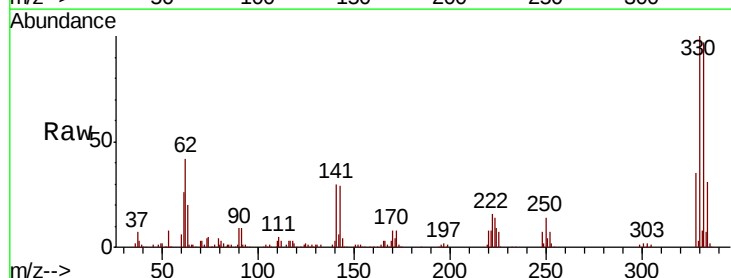
Tgt Ion:330 Resp: 481280

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

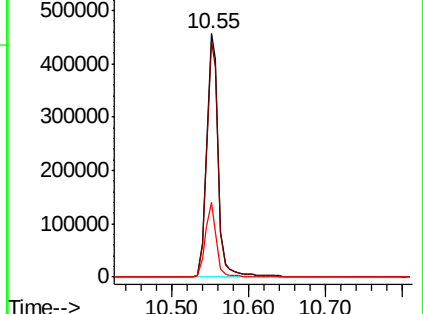
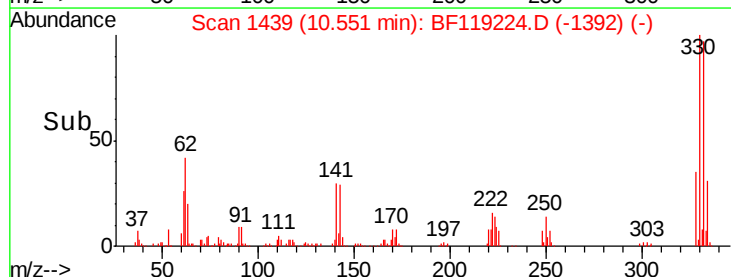
141 29.2 22.9 34.3

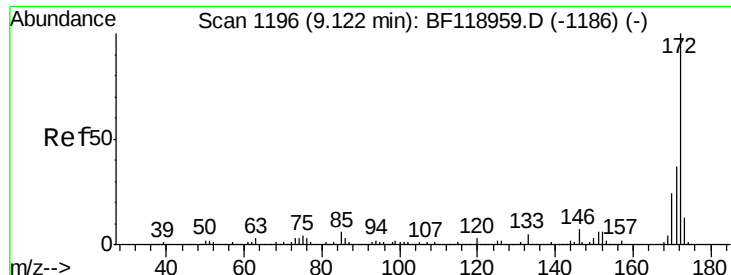


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

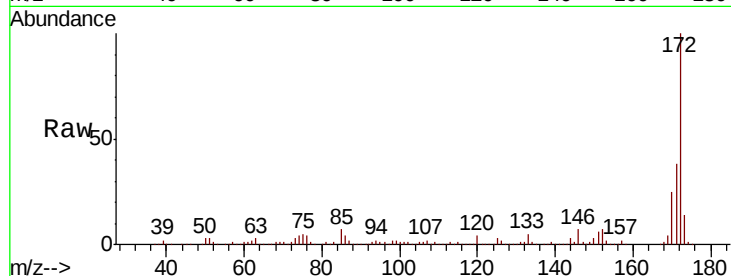




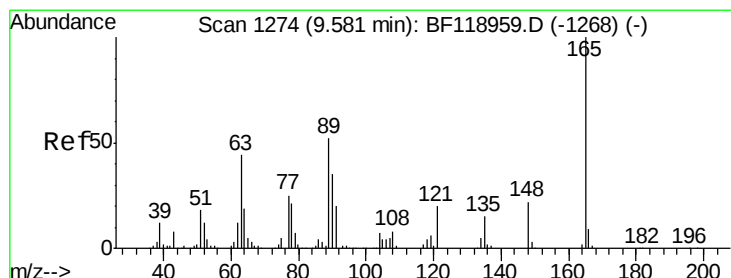
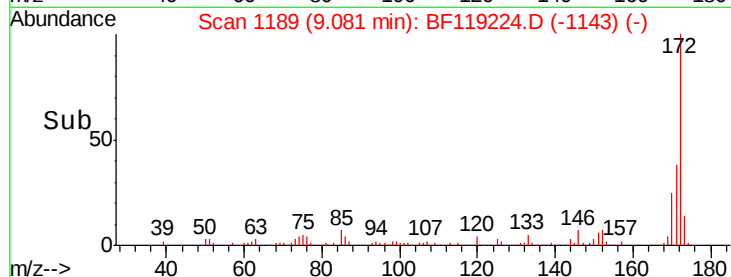
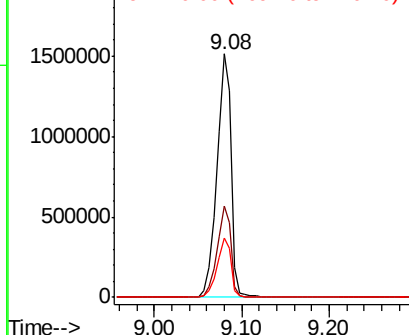
#45
 2-Fluorobiphenyl
 Concen: 82.312 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1706901
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.6 45.8
 170 24.6 20.2 30.2

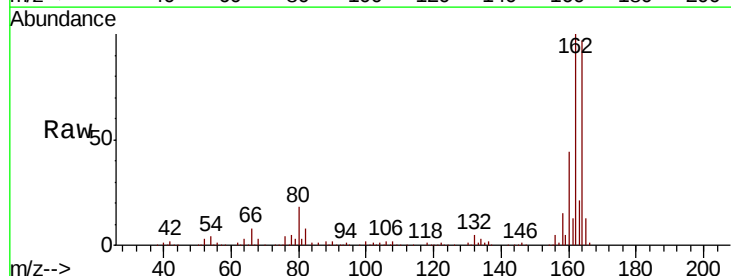


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

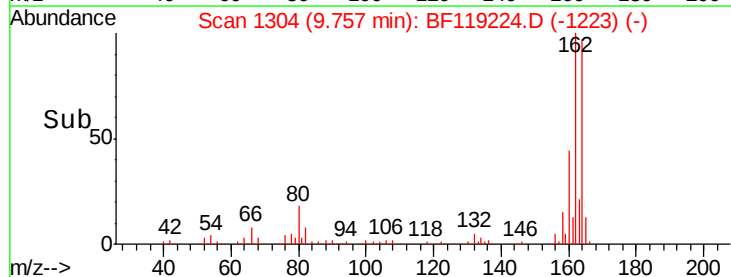
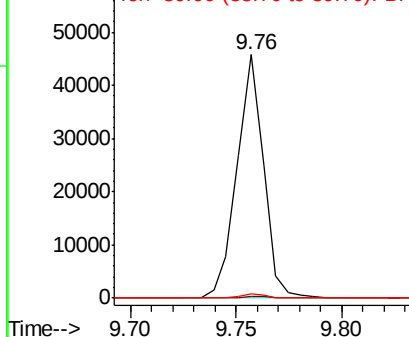


#51
 2,6-Dinitrotoluene
 Concen: 7.674 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.18 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:165 Resp: 39827
 Ion Ratio Lower Upper
 165 100
 63 0.8 34.3 51.5#
 89 1.7 38.3 57.5#



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

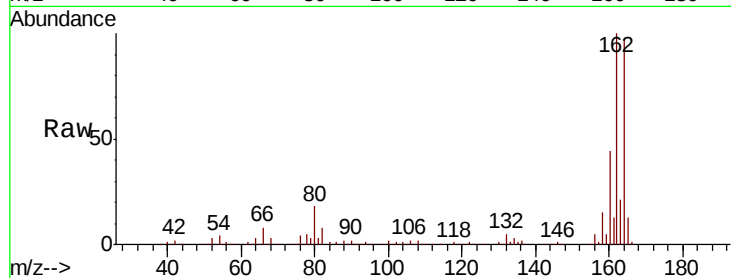




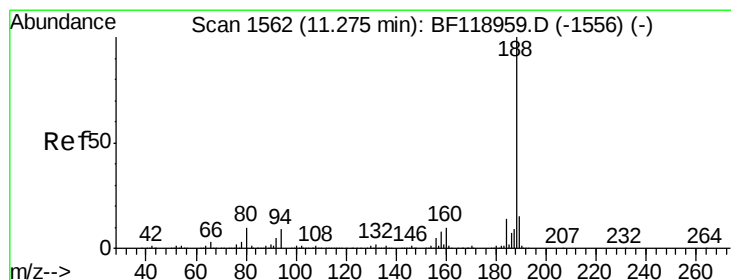
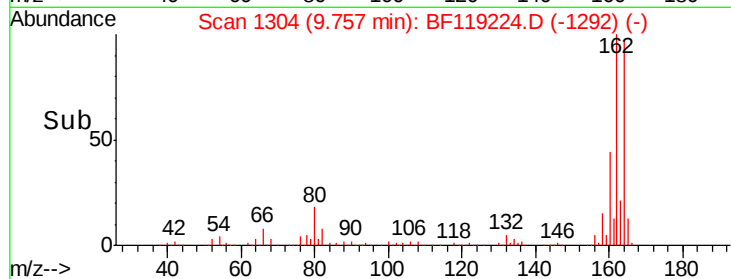
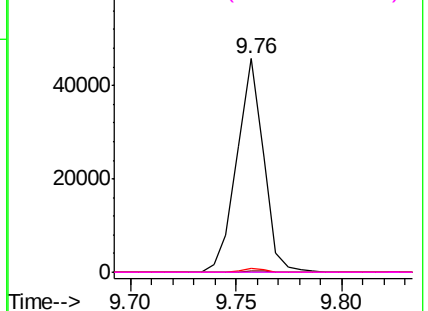
#57
 2,4-Dinitrotoluene
 Concen: 5.920 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	39827
Ion Ratio	Lower	Upper
165	100	
63	0.8	42.3 63.5#
89	1.7	60.2 90.4#
182	0.0	2.3 3.5#

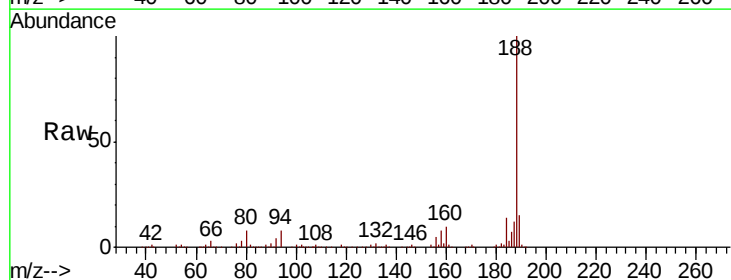


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

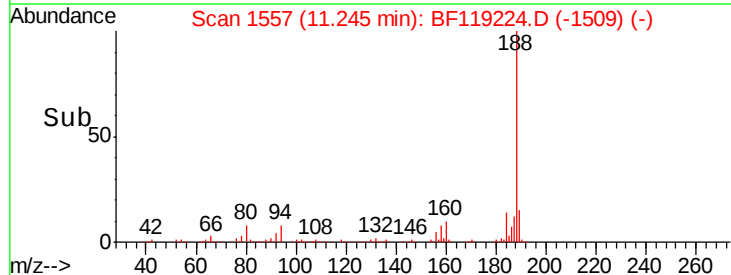
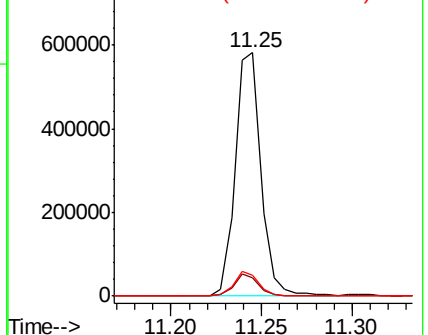


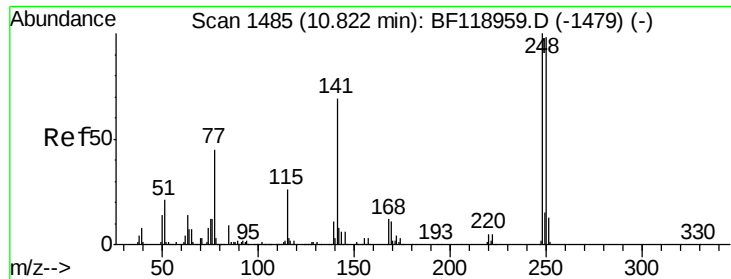
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:188	Resp:	575653
Ion Ratio	Lower	Upper
188	100	
94	7.6	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

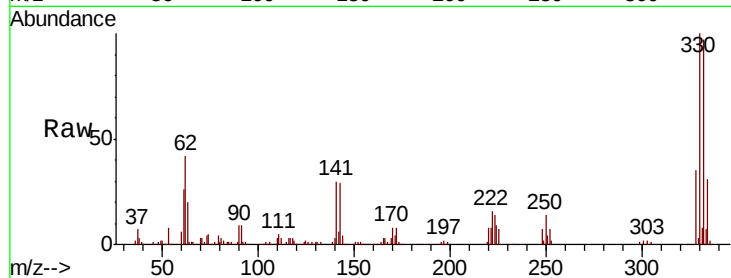




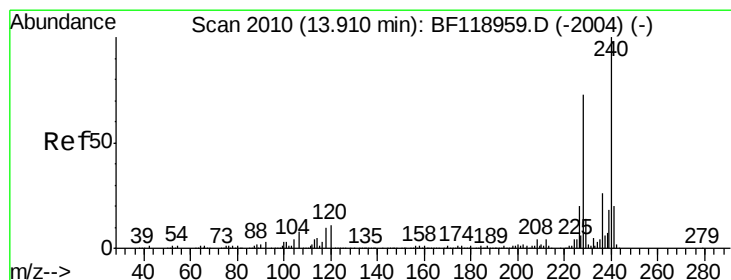
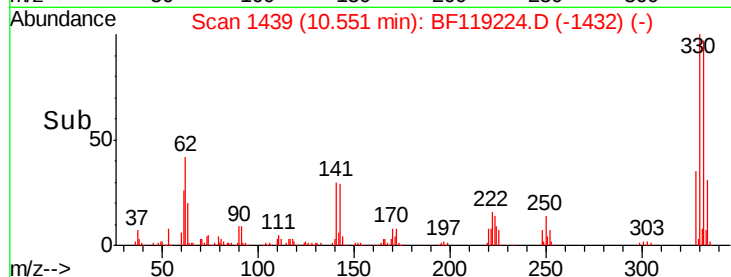
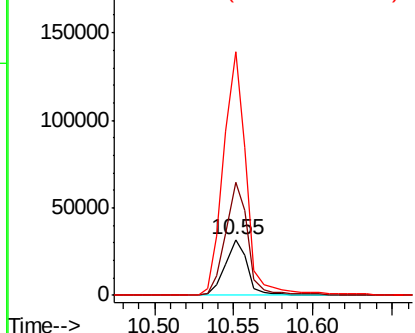
#67
4-Bromophenyl-phenylether
Concen: 4.146 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31193
Ion Ratio Lower Upper
248 100
250 203.3 76.7 115.1#
141 439.1 60.7 91.1#

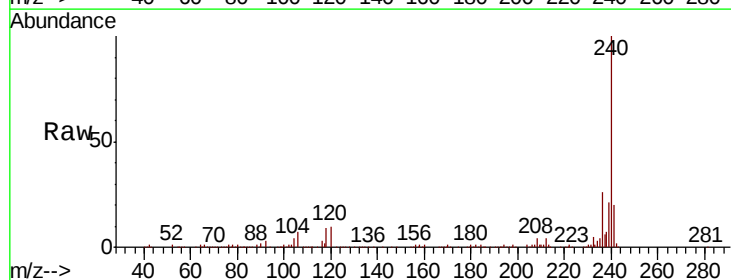


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

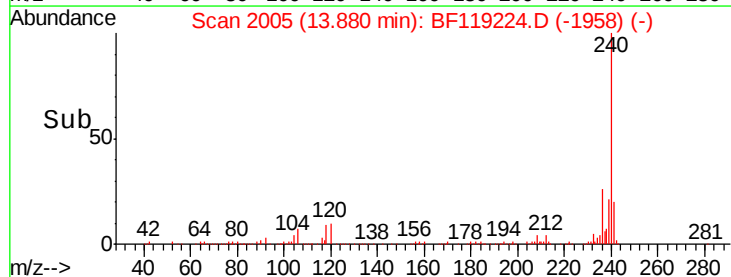
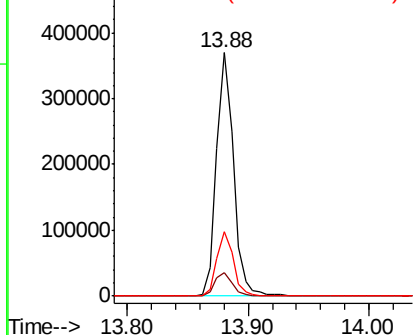


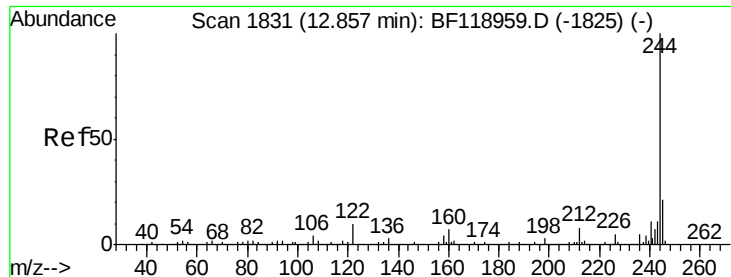
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Tgt Ion:240 Resp: 358525
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.5 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

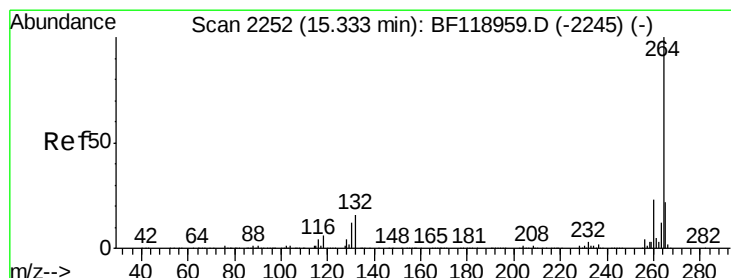
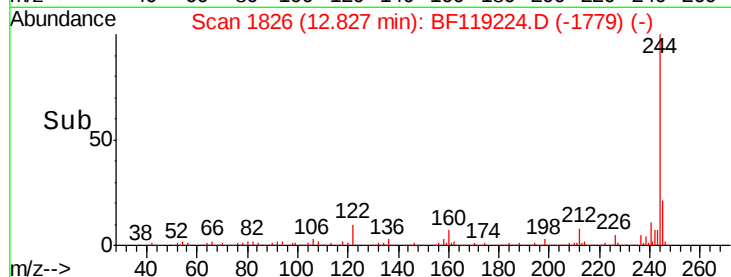
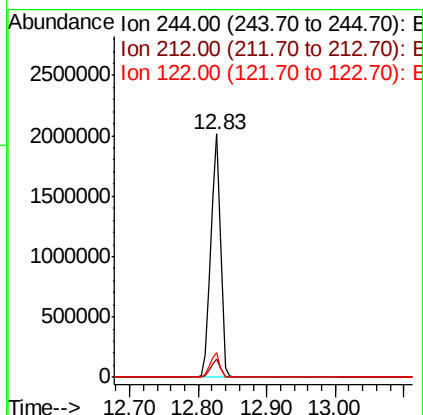
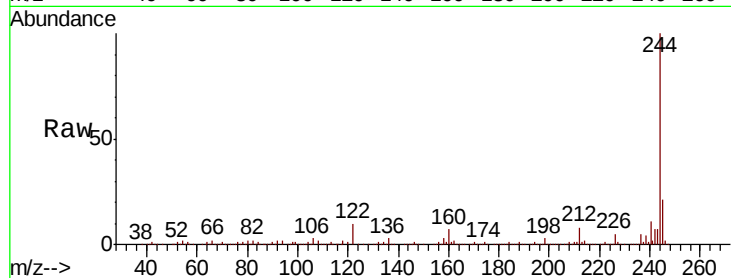




#79
 Terphenyl-d14
 Concen: 97.425 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2028795
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.0 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: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:264 Resp: 290324
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 17.7 26.5

