

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119405.D
 Acq On : 13 Mar 2020 3:18
 Operator : CG/JU
 Sample : L1871-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 04:27:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133940	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	512848	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	289968	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	574847	20.00	ng	0.00
76) Chrysene-d12	13.90	240	442790	20.00	ng	0.01
87) Perylene-d12	15.33	264	405335	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1000147	124.79	ng	0.02
7) Phenol-d6	6.38	99	1105391	113.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	904681	93.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	529043	139.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1726795	87.73	ng	0.00
79) Terphenyl-d14	12.83	244	2374613	92.33	ng	0.00

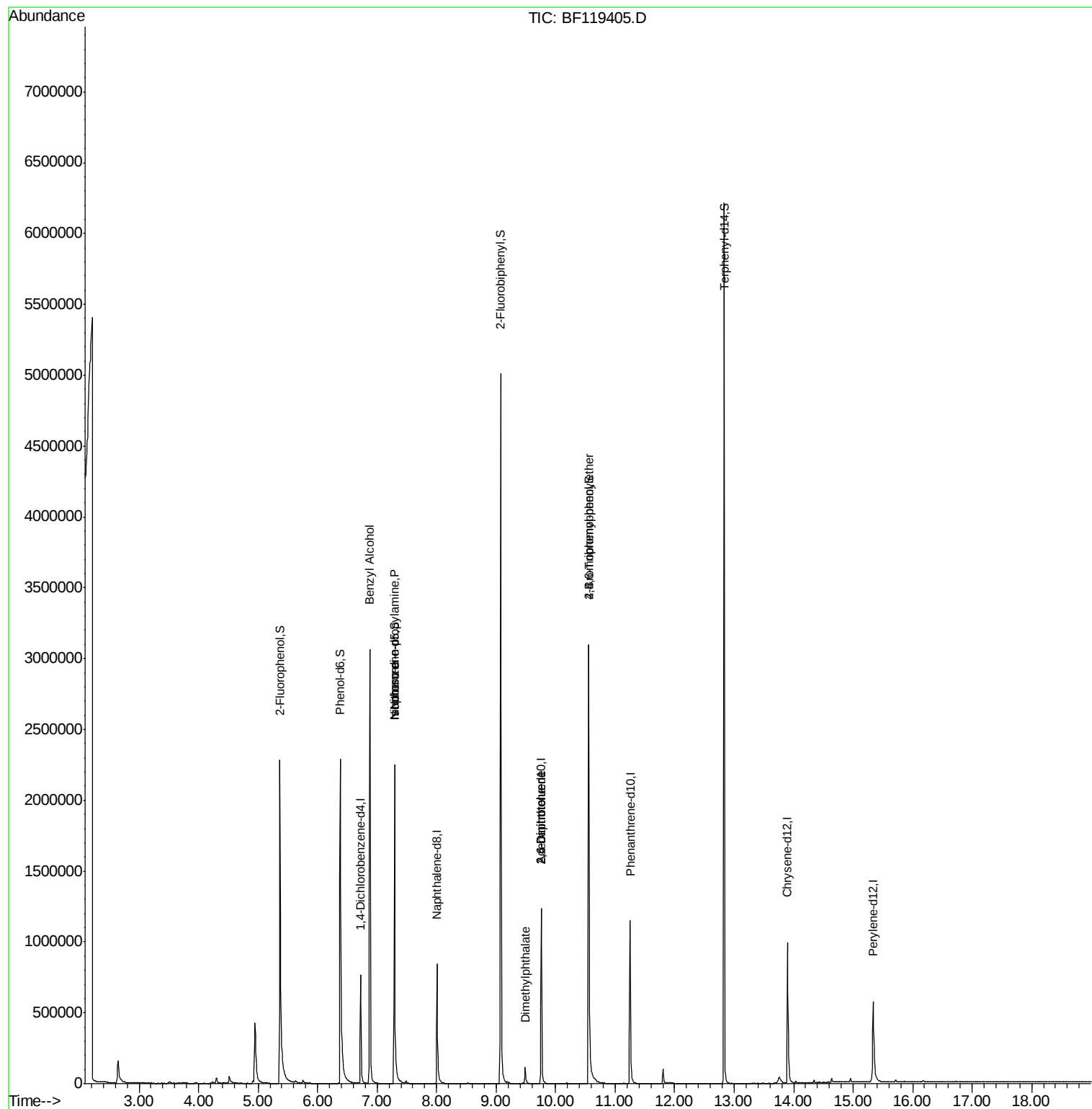
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.87	79	14945	2.121	ng	# 52
19) n-Nitroso-di-n-propylamine	7.29	70	124924	21.994	ng	# 75
25) Isophorone	7.29	82	904681	53.631	ng	# 63
50) Dimethylphthalate	9.49	163	73947	3.335	ng	100
51) 2,6-Dinitrotoluene	9.76	165	36825	7.475	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	36825	5.767	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	33454	4.452	ng	# 1

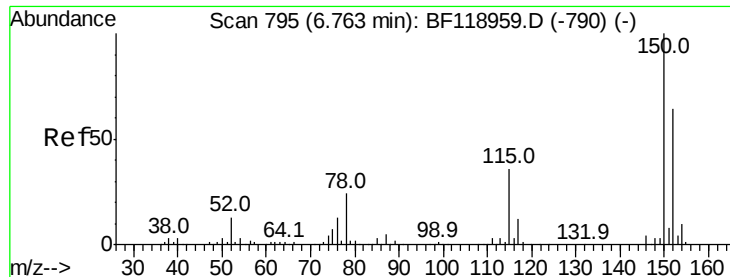
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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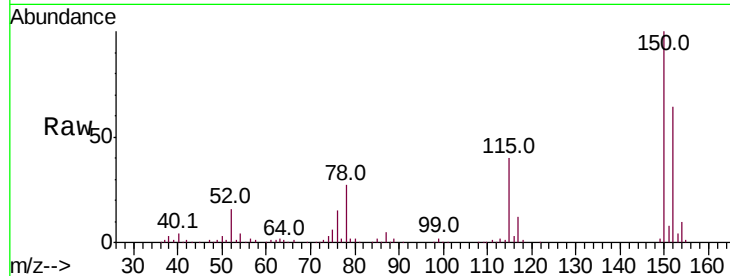


#1

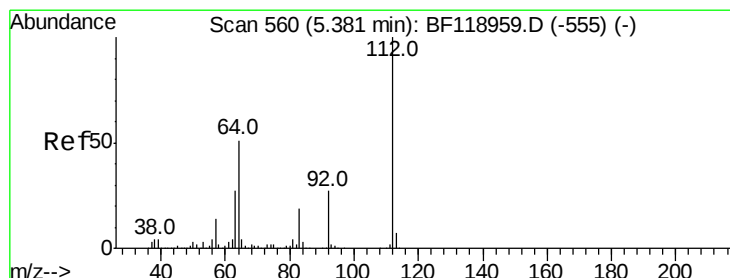
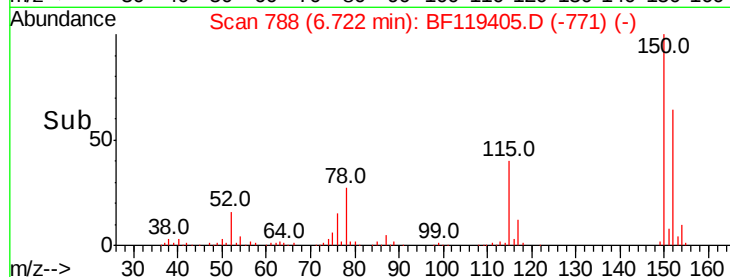
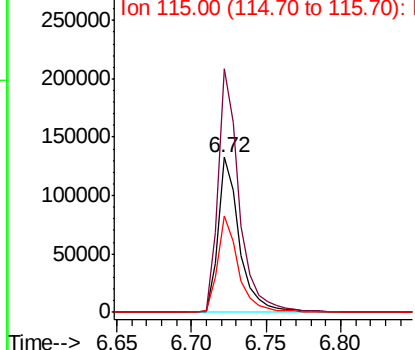
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133940
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.6
115 62.5 49.5 74.3



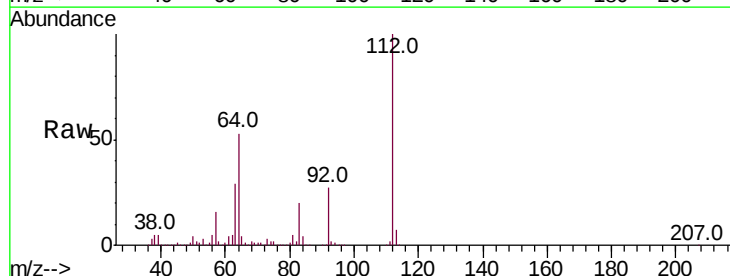
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



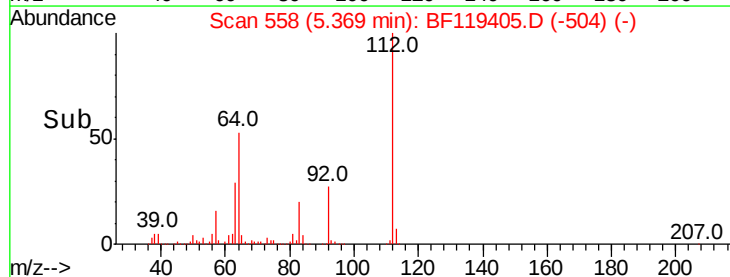
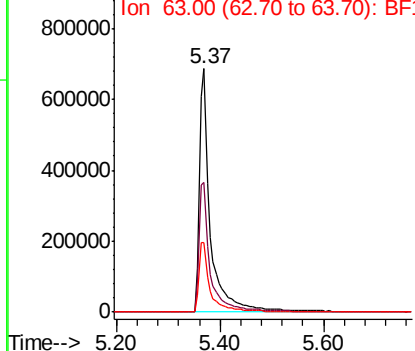
#5

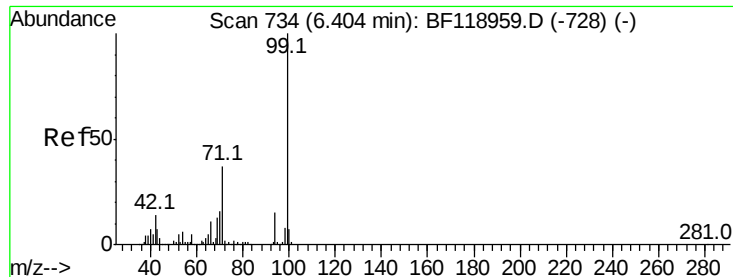
2-Fluorophenol
Concen: 124.789 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

Tgt Ion:112 Resp: 1000147
Ion Ratio Lower Upper
112 100
64 53.2 45.0 67.4
63 28.7 24.2 36.4



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: 113.404 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

Instrument :

BNA_F

ClientSampled :

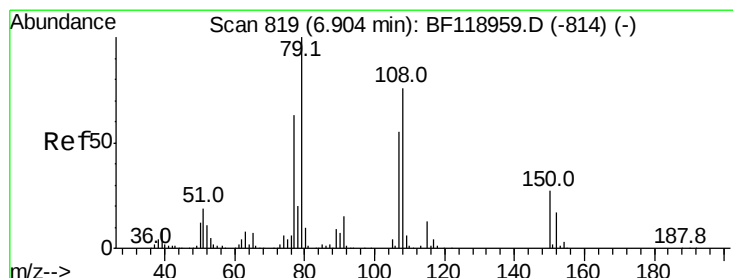
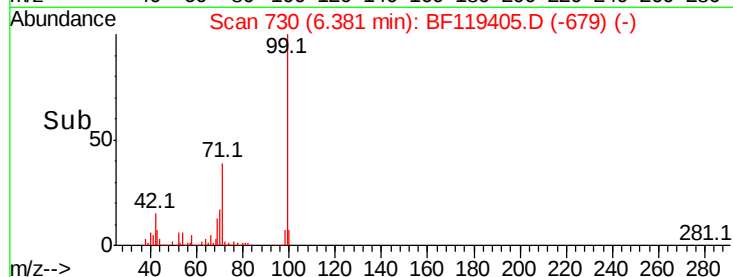
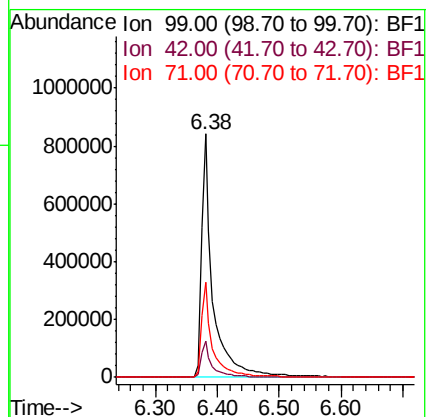
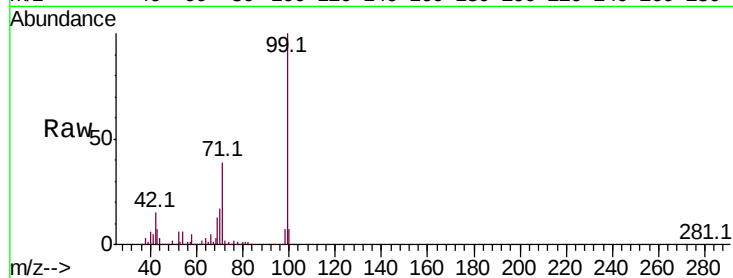
Tot Ion: 99 Resp: 1105391

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.0 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.121 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

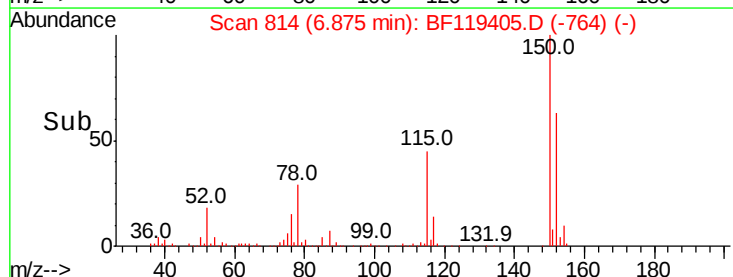
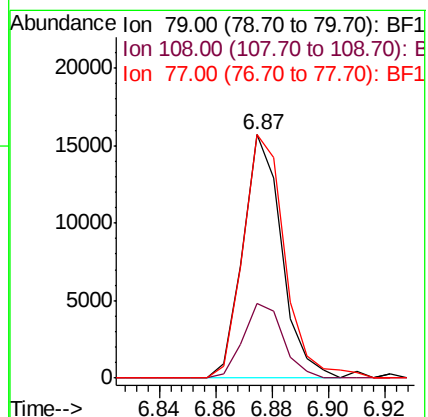
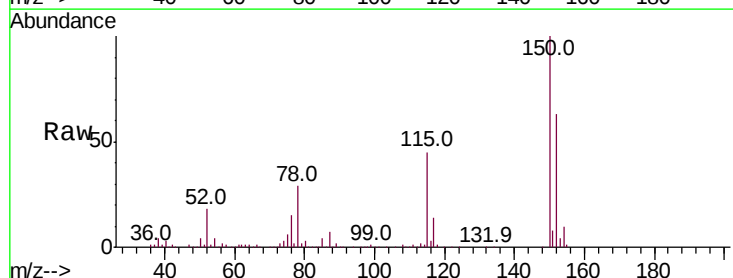
Tgt Ion: 79 Resp: 14945

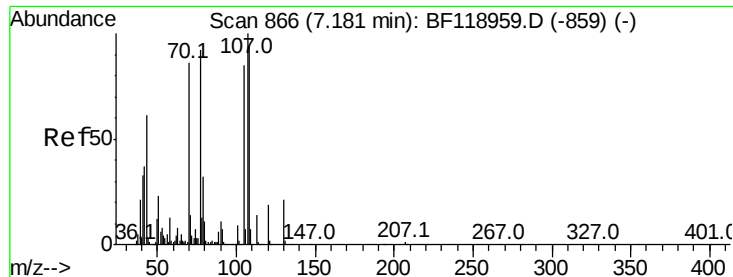
Ion Ratio Lower Upper

79 100

108 30.5 58.2 87.2#

77 99.9 51.2 76.8#





#19

n-Nitroso-di-n-propylamine

Concen: 21.994 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 124924

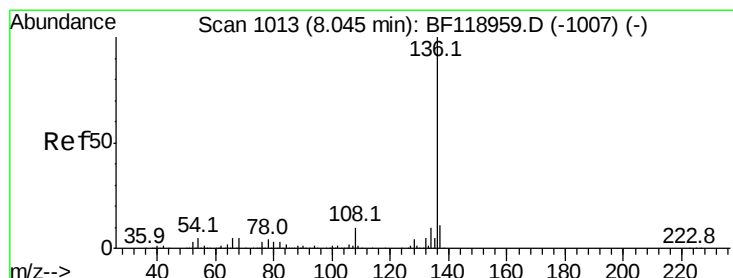
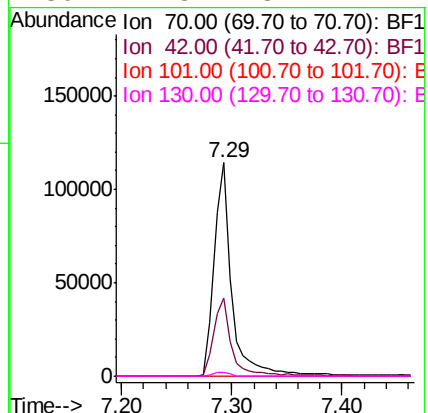
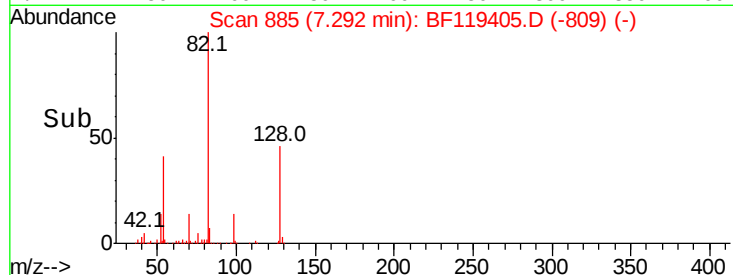
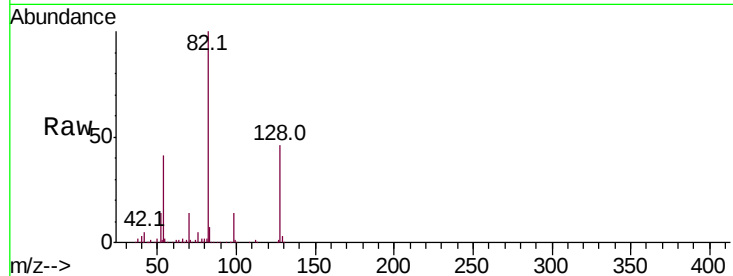
Ion Ratio Lower Upper

70 100

42 36.8 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

Tgt Ion: 136 Resp: 512848

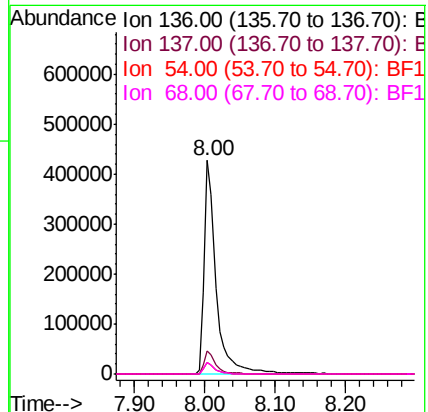
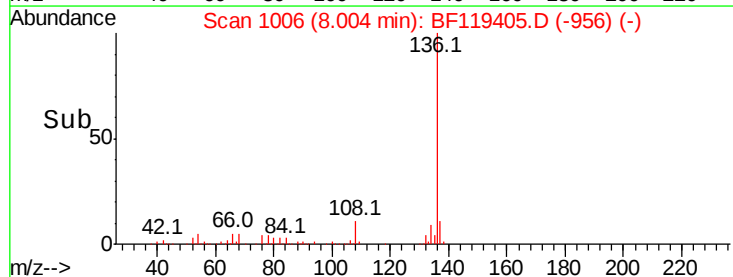
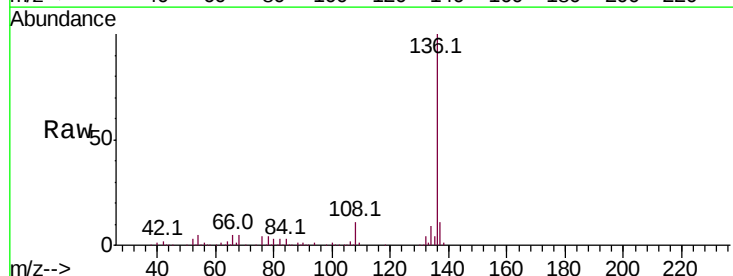
Ion Ratio Lower Upper

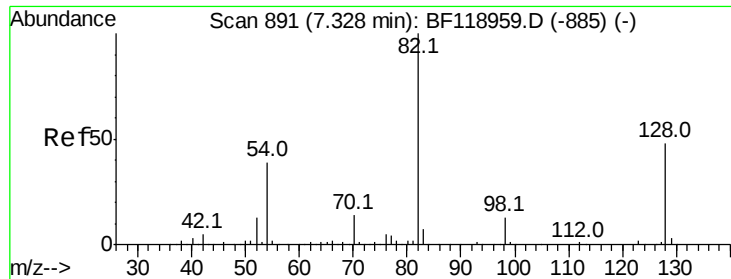
136 100

137 11.0 8.8 13.2

54 5.2 3.8 5.6

68 5.4 3.9 5.9

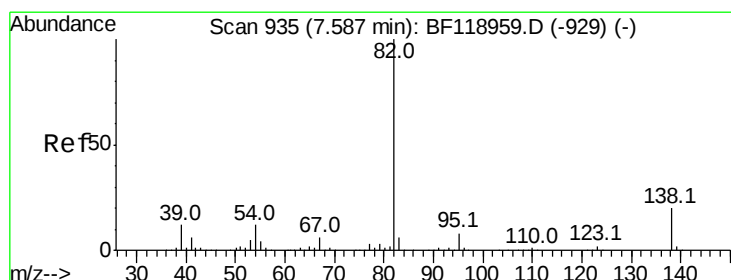
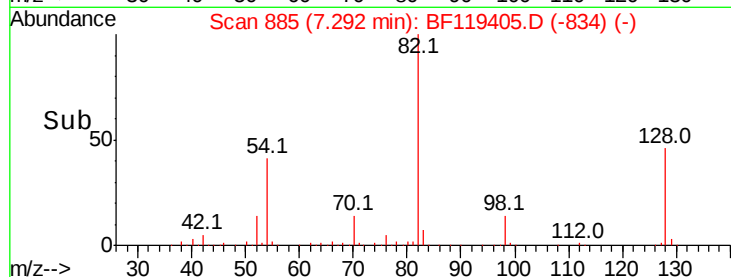
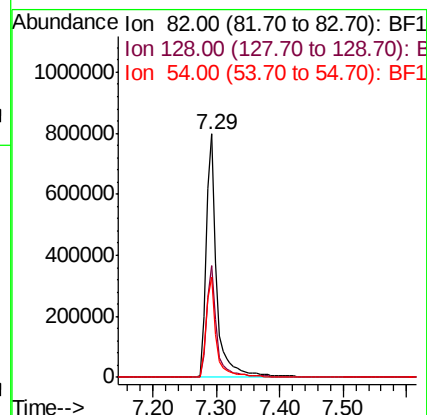
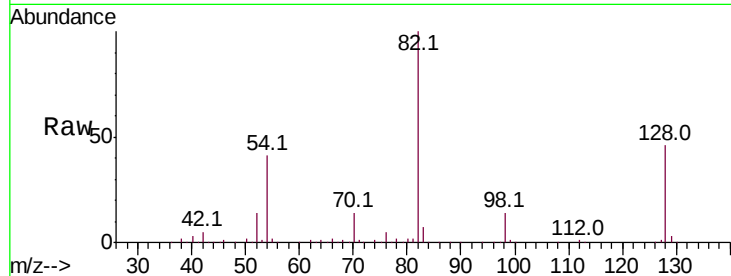




#23
 Nitrobenzene-d5
 Concen: 93.141 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

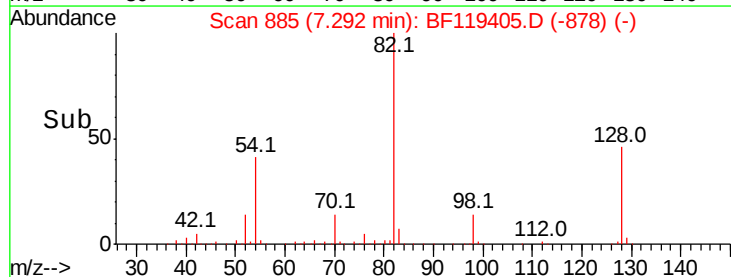
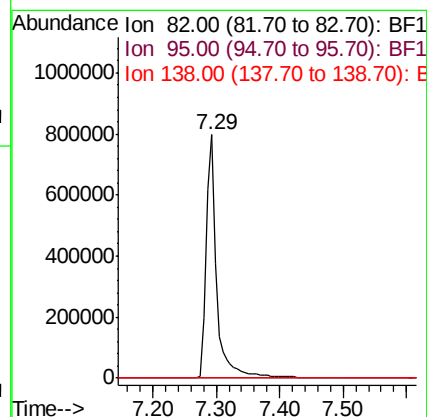
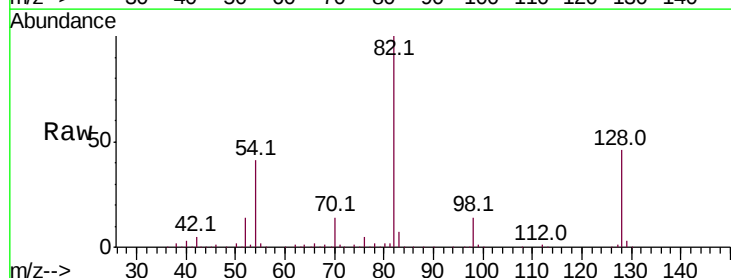
Instrument :
 BNA_F
 ClientSampled :

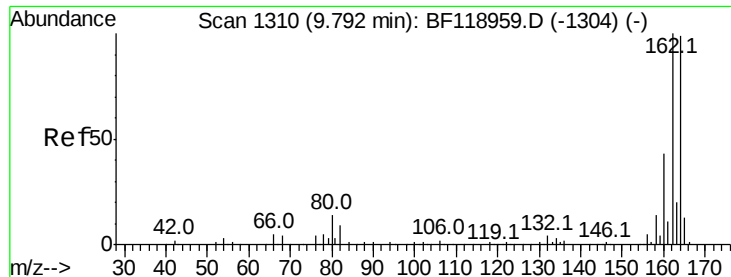
Tot Ion: 82 Resp: 904681
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.9 56.9
 54 41.2 33.4 50.2



#25
 Isophorone
 Concen: 53.631 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

Tgt Ion: 82 Resp: 904681
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.4 9.6#
 138 0.0 15.7 23.5#

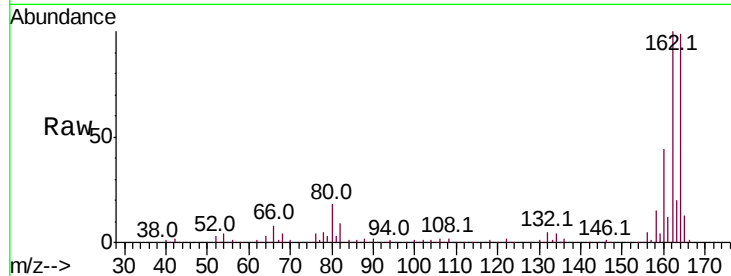




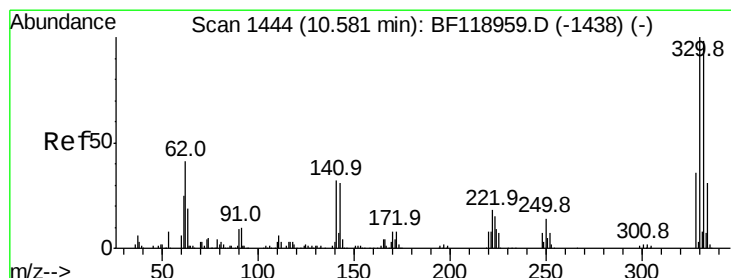
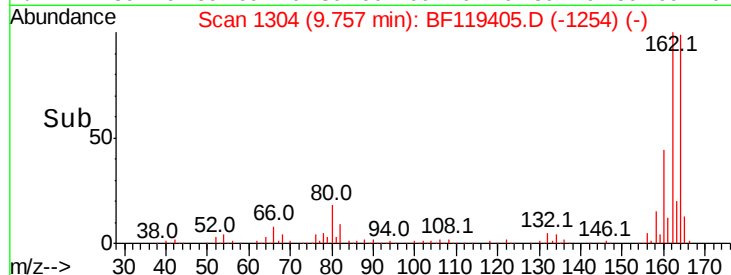
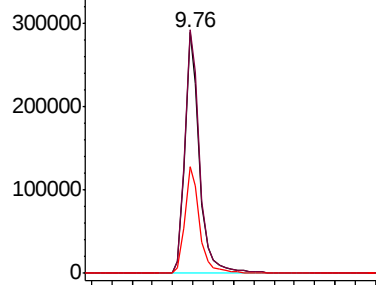
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 289968
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.8
160 44.2 36.0 54.0

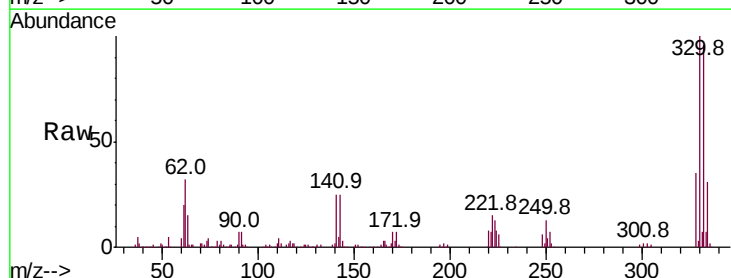


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

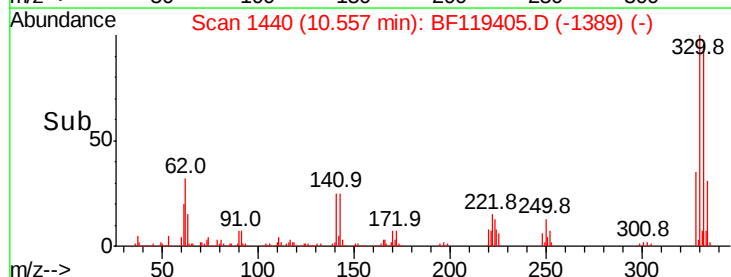
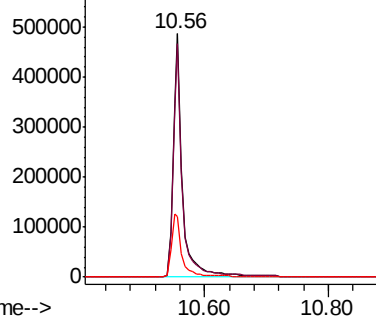


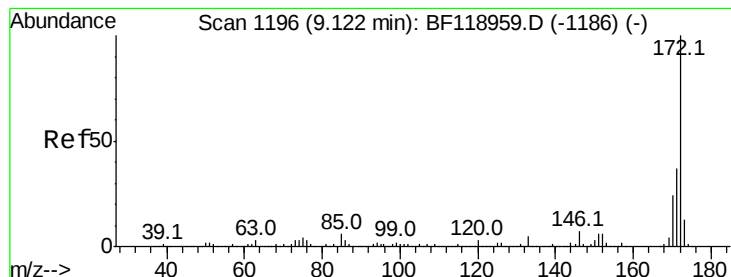
#42
2,4,6-Tribromophenol
Concen: 139.469 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

Tgt Ion:330 Resp: 529043
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 29.5 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: 87.729 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

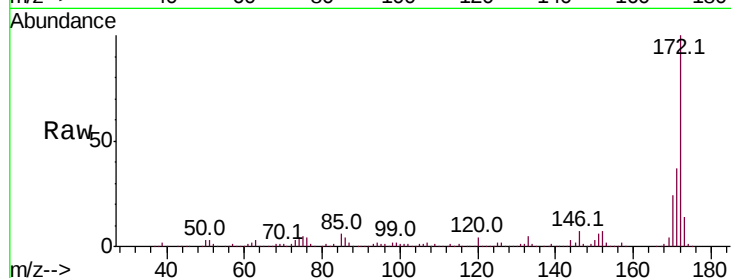
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1726795

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.5	20.2	30.2

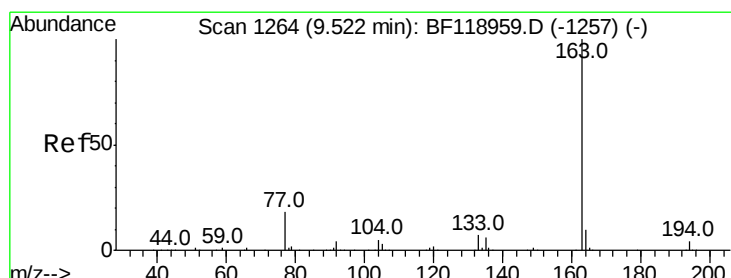
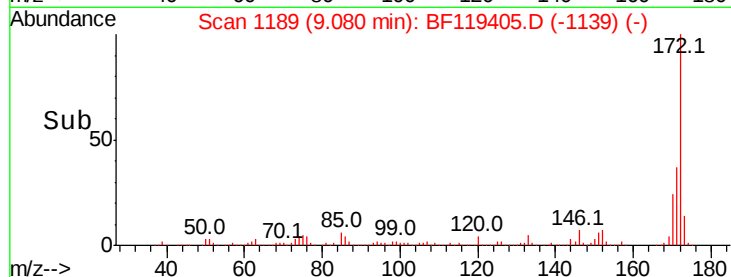
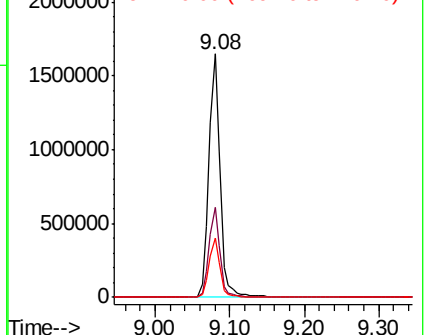


Abundance

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



#50

Dimethylphthalate

Concen: 3.335 ng

RT: 9.49 min Scan# 1258

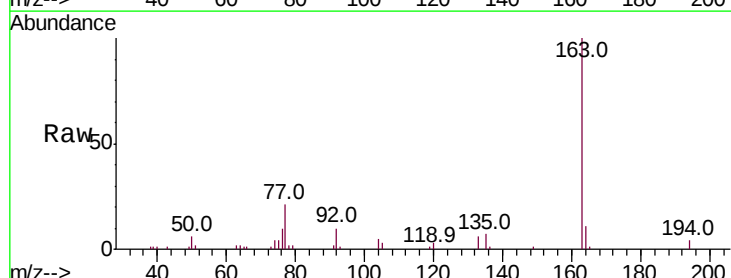
Delta R.T. 0.00 min

Lab File: BF119405.D

Acq: 13 Mar 2020 3:18

Tgt Ion:163 Resp: 73947

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	8.4	12.6

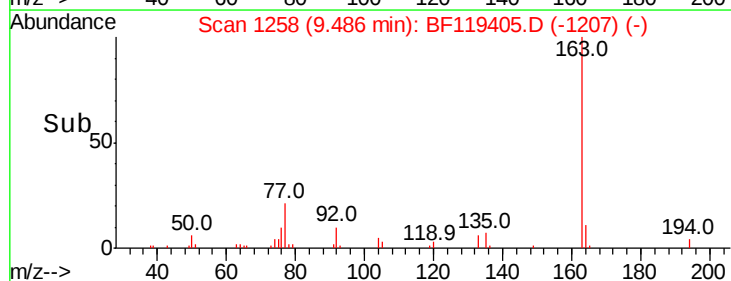
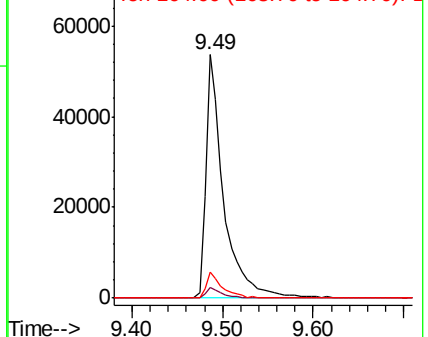


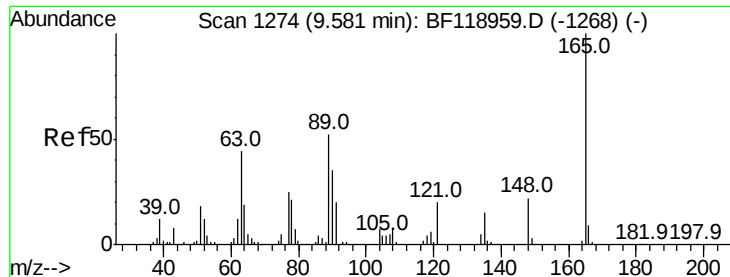
Abundance

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

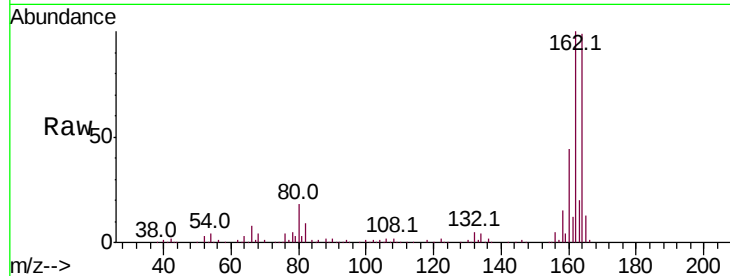




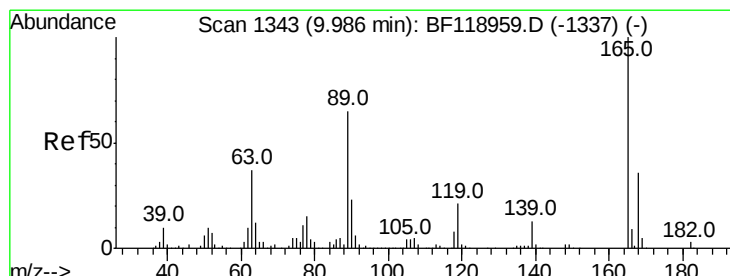
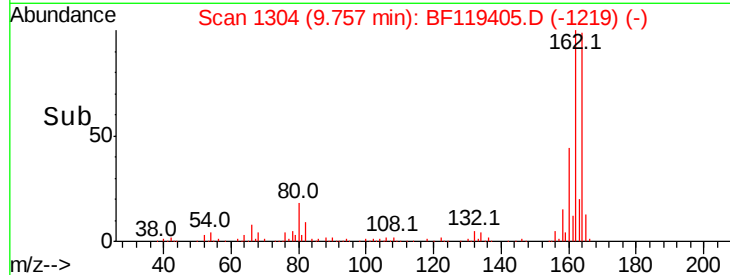
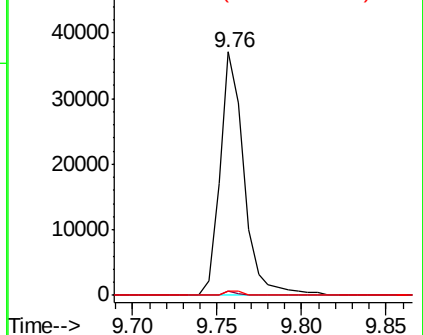
#51
 2,6-Dinitrotoluene
 Concen: 7.475 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	38.3	57.5#



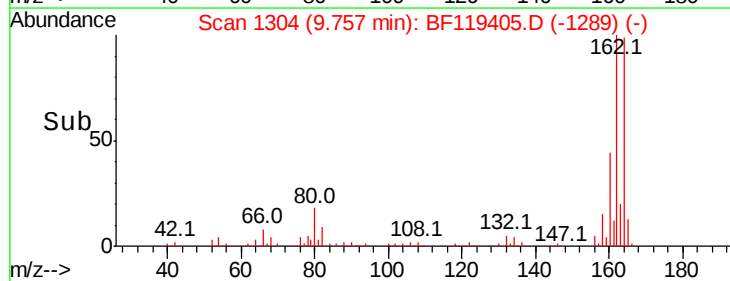
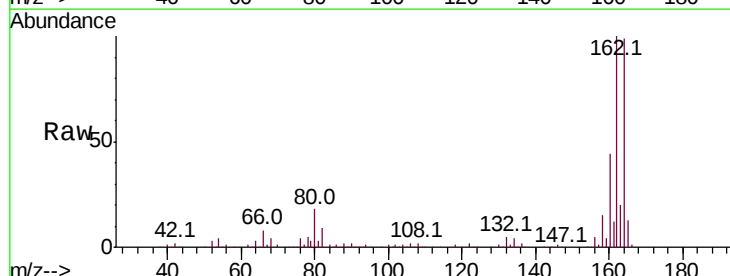
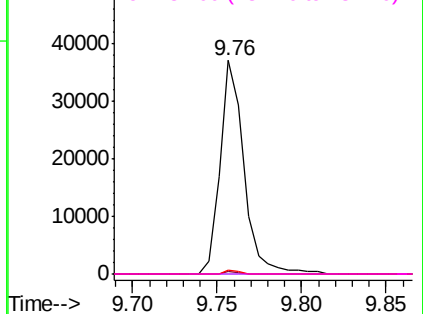
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

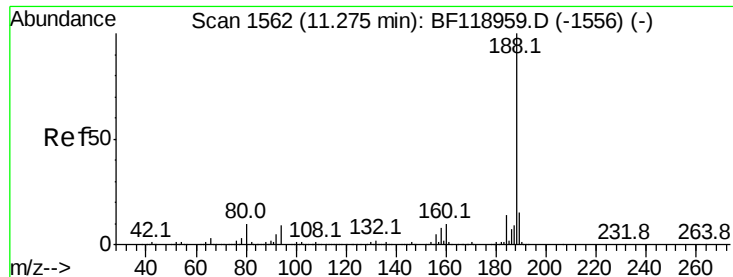


#57
 2,4-Dinitrotoluene
 Concen: 5.767 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.3	63.5#
89	1.6	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

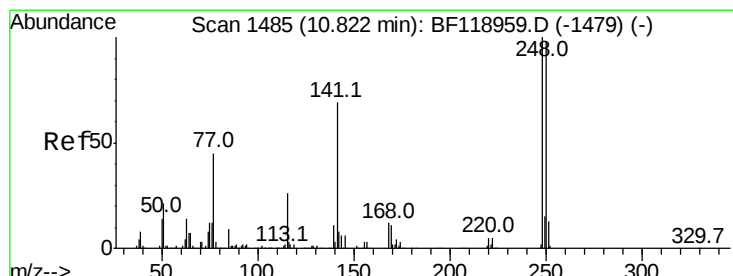
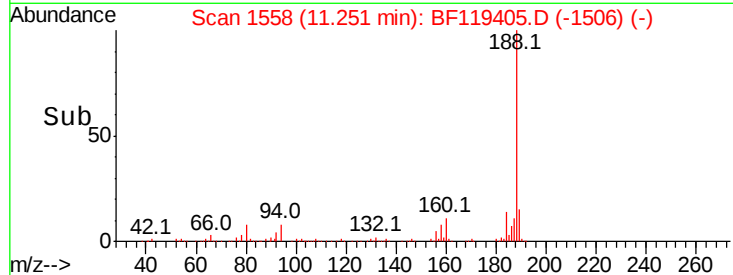
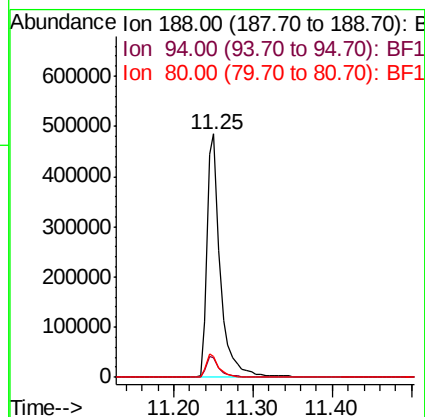
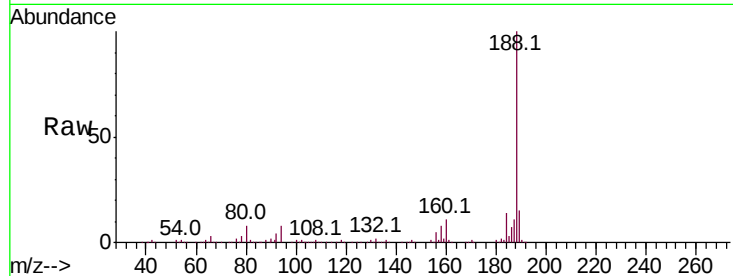




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

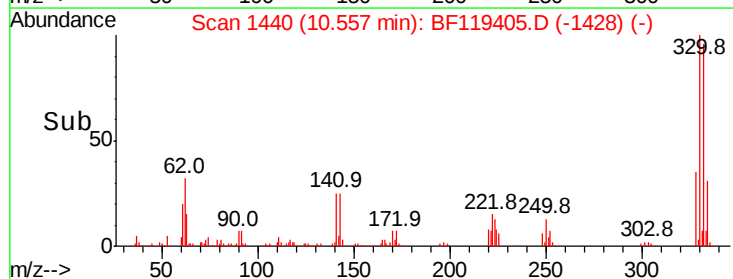
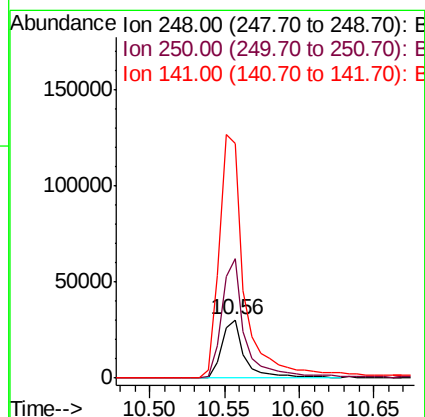
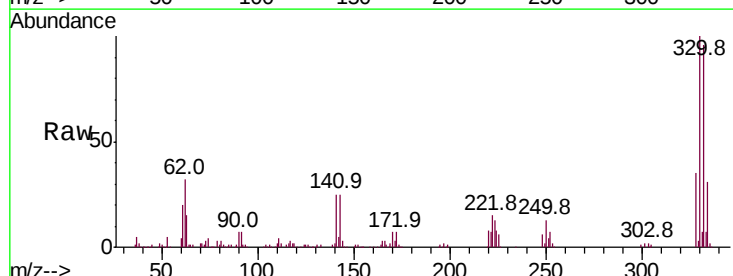
Instrument :
 BNA_F
 ClientSampleId :

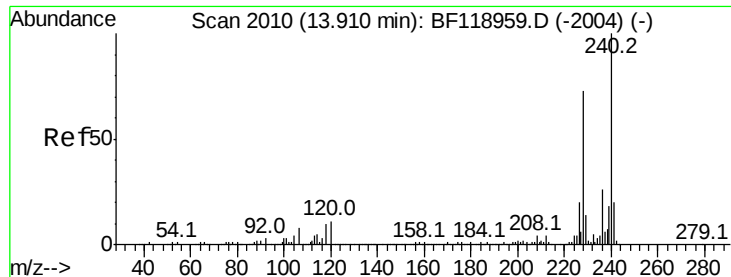
Tot Ion:188 Resp: 574847
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.1 10.7
 80 8.4 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.452 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.23 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

Tgt Ion:248 Resp: 33454
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.7 115.1#
 141 402.2 60.7 91.1#

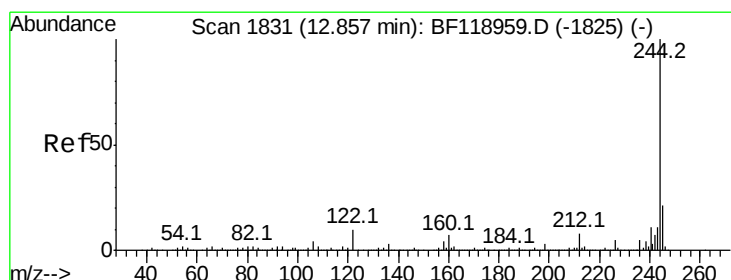
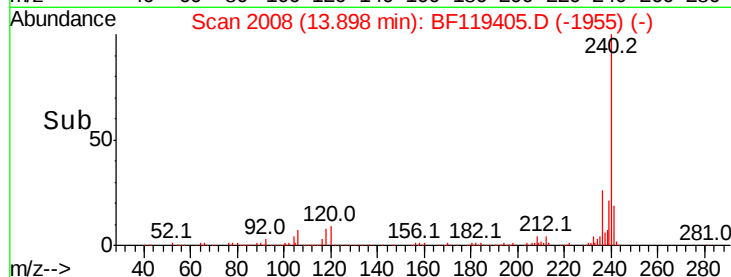
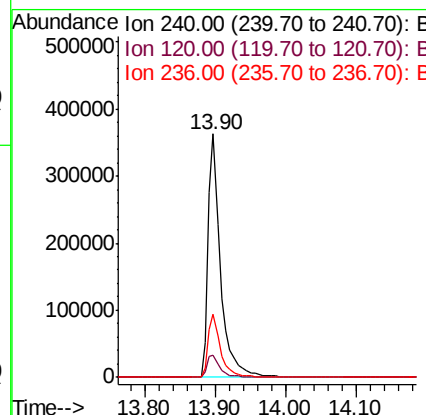
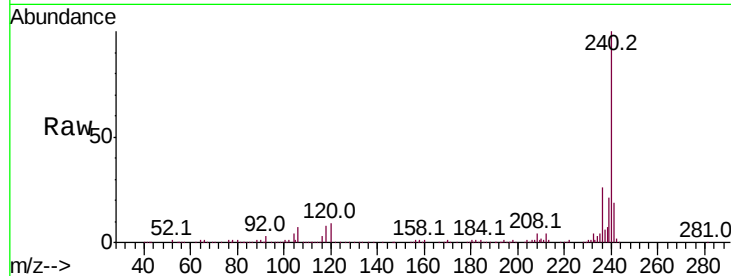




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

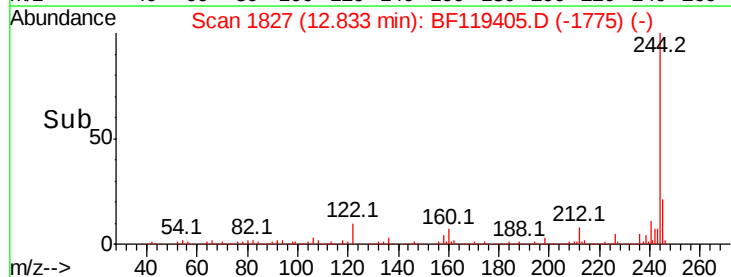
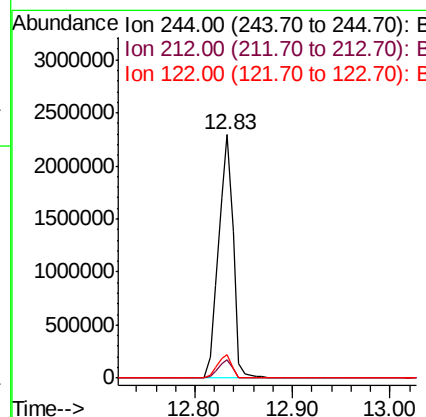
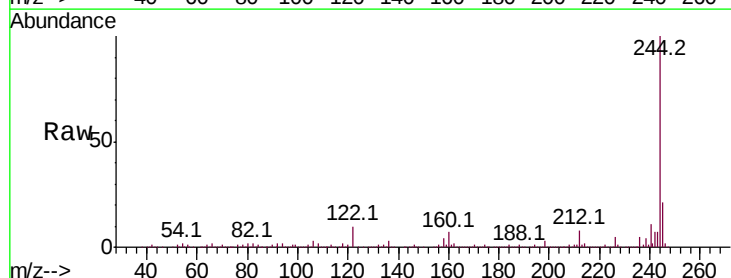
Instrument :
BNA_F
ClientSampleId :

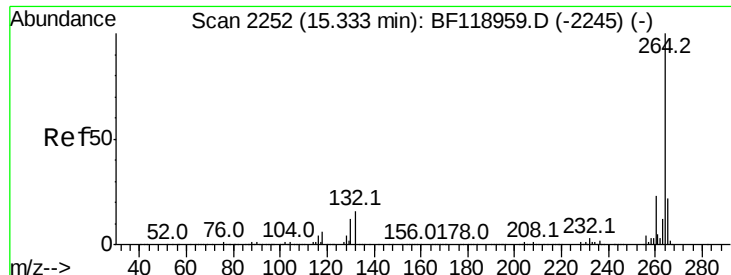
Tot Ion:240 Resp: 442790
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 92.331 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF119405.D
Acq: 13 Mar 2020 3:18

Tgt Ion:244 Resp: 2374613
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 9.8 8.2 12.2

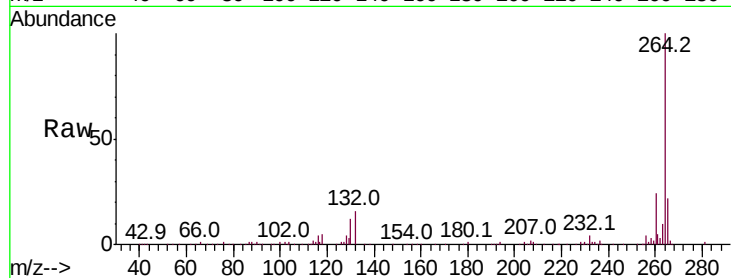




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119405.D
 Acq: 13 Mar 2020 3:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.6	17.7	26.5



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

