

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119114.D
 Acq On : 27 Feb 2020 17:13
 Operator : CG/JU
 Sample : L1688-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:55:19 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

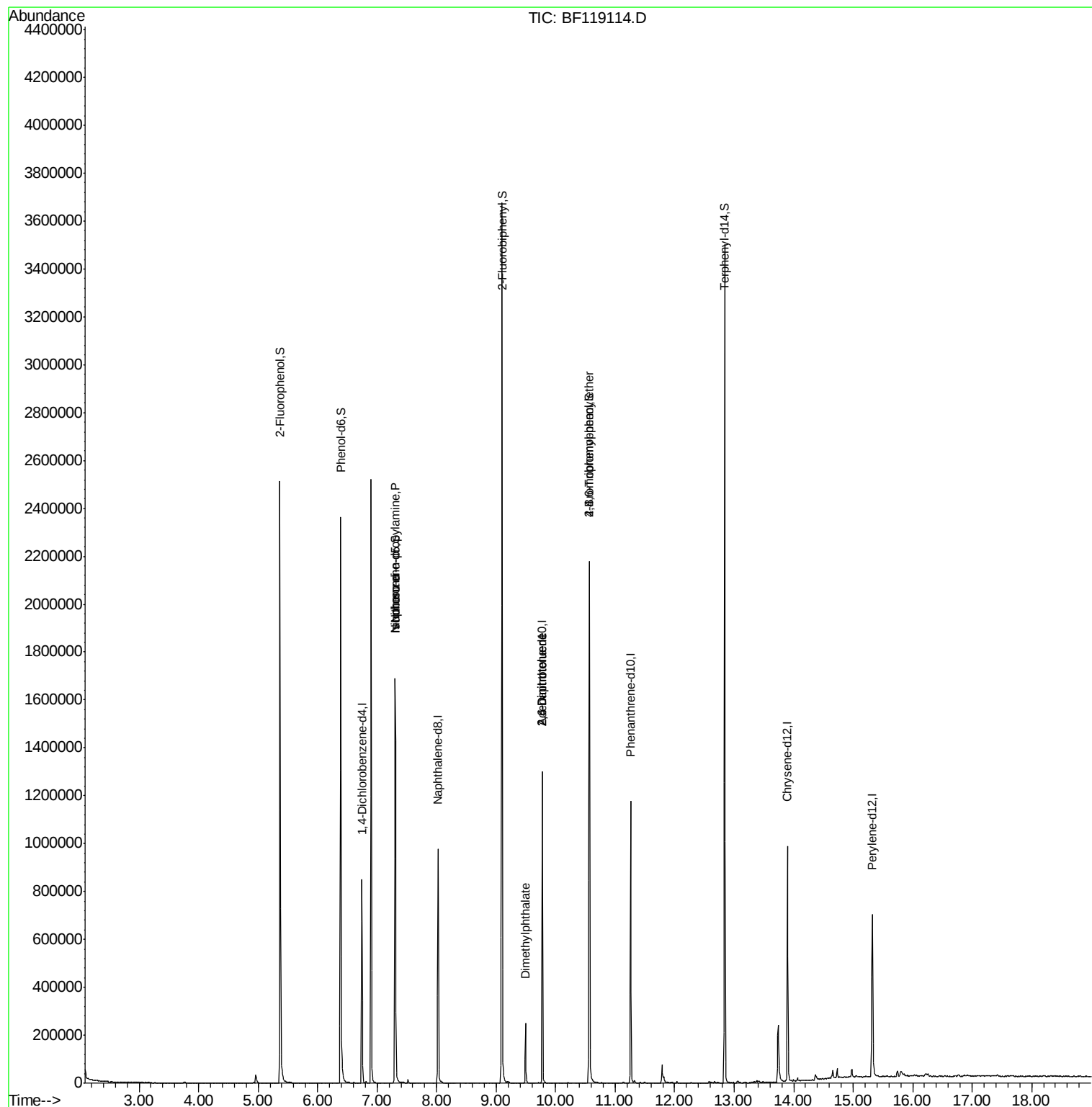
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	133672	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	511549	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	276602	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	482341	20.00	ng	0.00
76) Chrysene-d12	13.90	240	327026	20.00	ng	0.00
87) Perylene-d12	15.32	264	330789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	803945	100.51	ng	0.00
7) Phenol-d6	6.39	99	964419	99.14	ng	-0.01
23) Nitrobenzene-d5	7.30	82	624369	64.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	318383	87.99	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1226552	65.33	ng	-0.01
79) Terphenyl-d14	12.84	244	1282739	67.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	84626	14.929	ng	# 74
25) Isophorone	7.30	82	624360	37.107	ng	# 63
50) Dimethylphthalate	9.49	163	107315	5.074	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	34780	7.401	ng	# 32
57) 2,4-Dinitrotoluene	9.77	165	34780	5.710	ng	# 20
67) 4-Bromophenyl-phenylether	10.57	248	20475	3.248	ng	# 1

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

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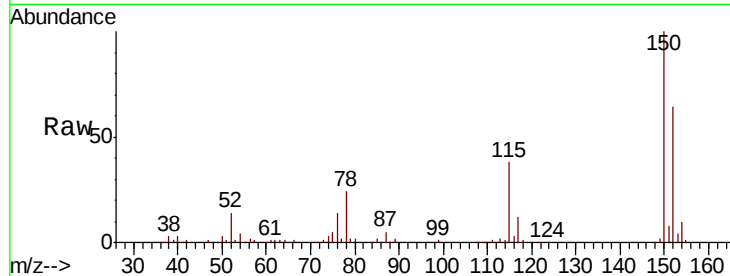


#1

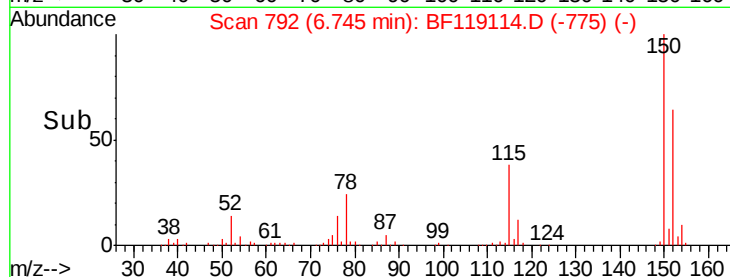
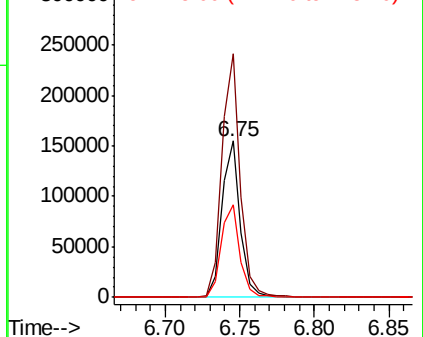
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133672
Ion Ratio Lower Upper
152 100
150 155.9 123.0 184.6
115 59.1 49.5 74.3



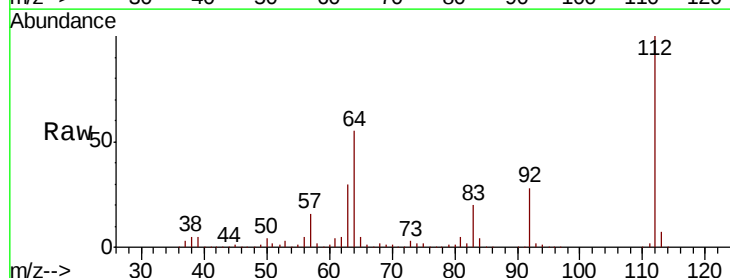
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



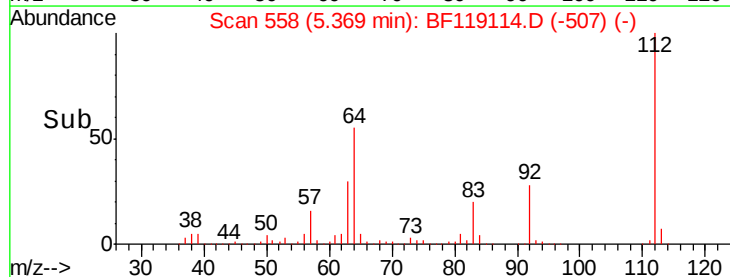
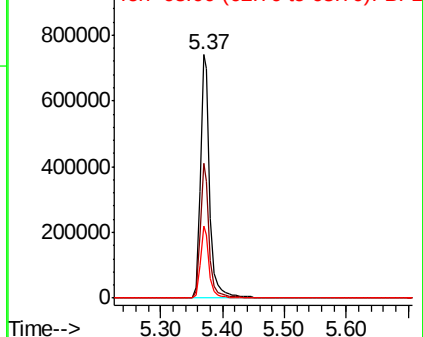
#5

2-Fluorophenol
Concen: 100.510 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

Tgt Ion:112 Resp: 803945
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 29.6 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: 99.140 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119114.D

Acq: 27 Feb 2020 17:13

Instrument :

BNA_F

ClientSampled :

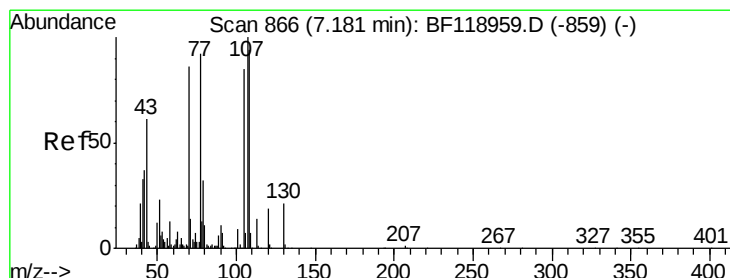
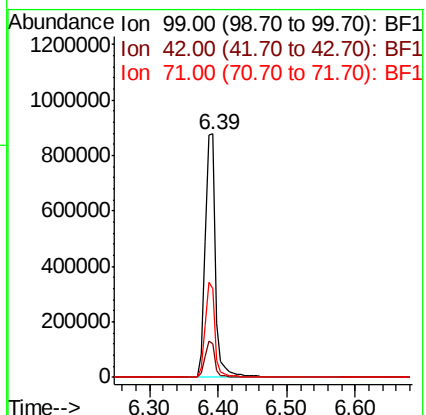
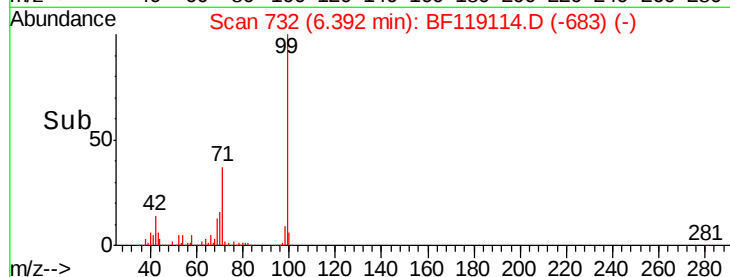
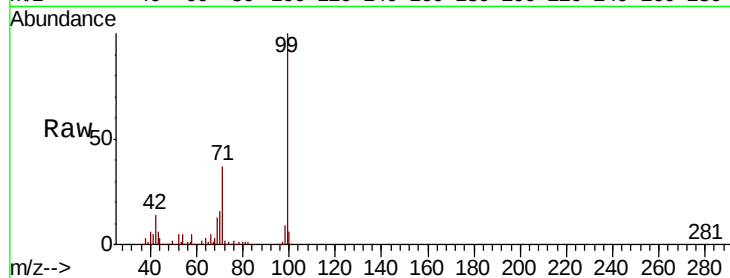
Tot Ion: 99 Resp: 964419

Ion Ratio Lower Upper

99 100

42 13.9 12.6 18.8

71 36.5 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.929 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119114.D

Acq: 27 Feb 2020 17:13

Tgt Ion: 70 Resp: 84626

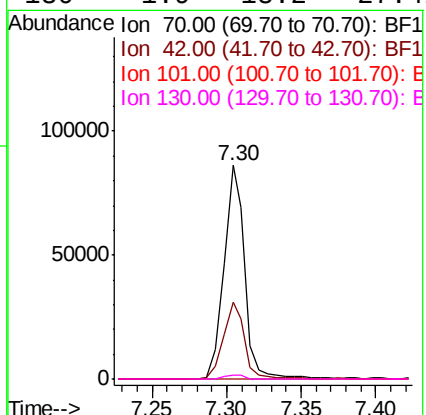
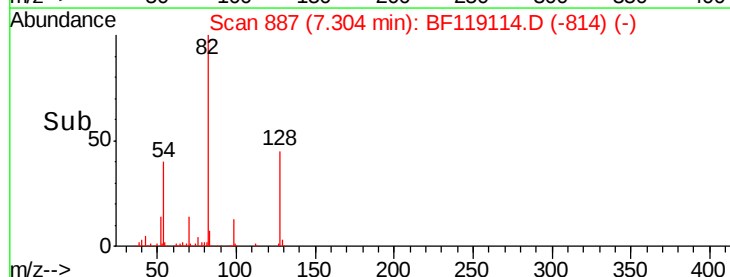
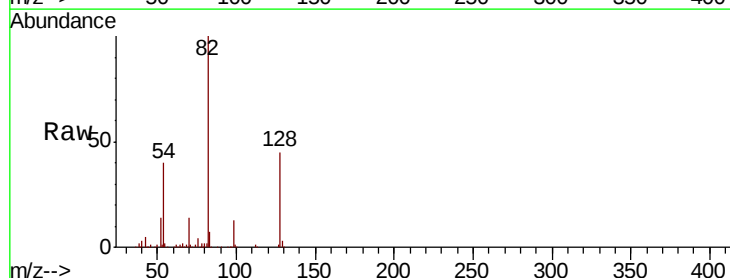
Ion Ratio Lower Upper

70 100

42 35.7 38.0 57.0#

101 0.0 8.2 12.4#

130 1.9 18.2 27.4#

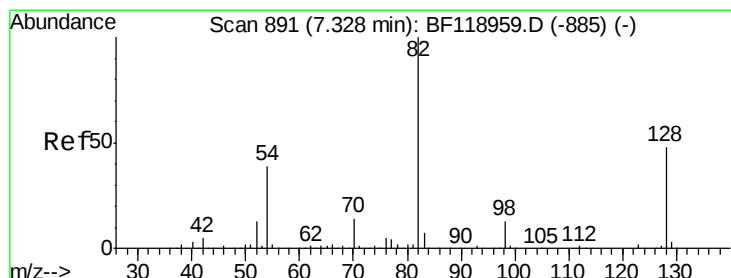
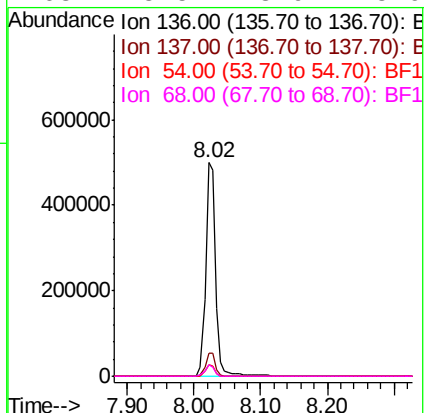
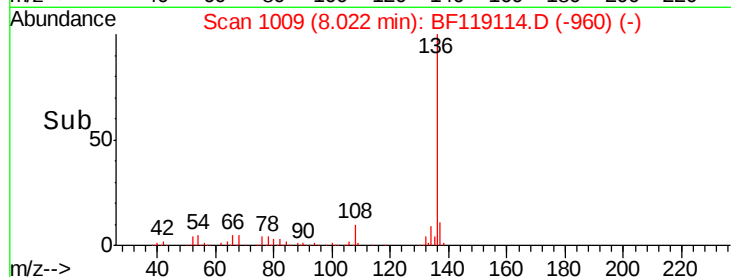
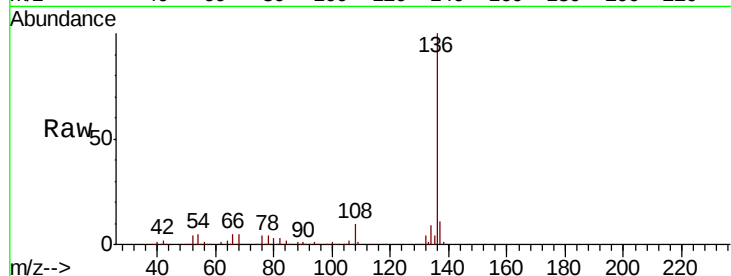




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

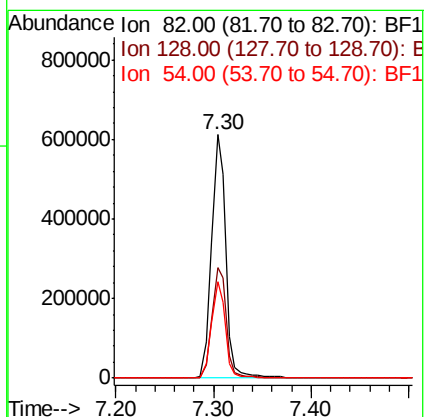
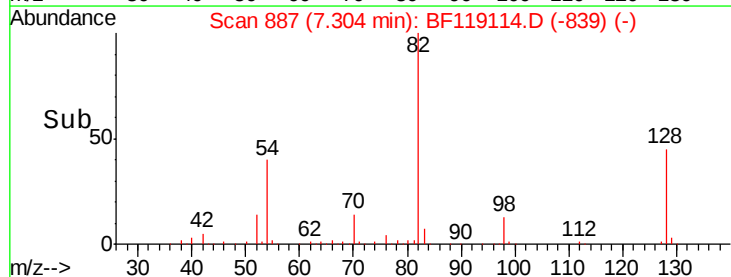
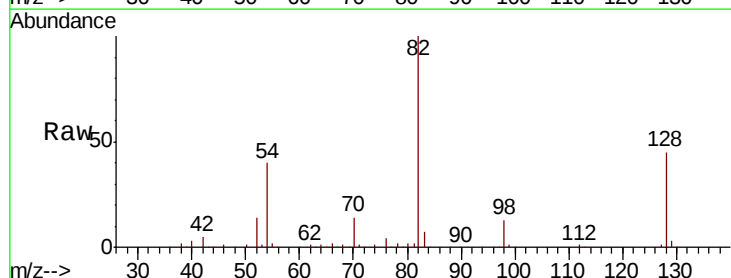
Instrument :
BNA_F
ClientSampleId :

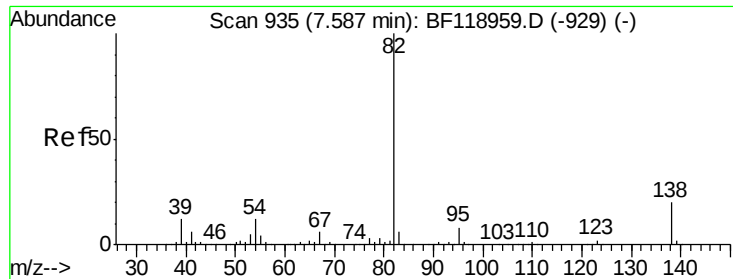
Tot Ion:136	Resp:	511549
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	5.2	3.8 5.6
68	5.5	3.9 5.9



#23
Nitrobenzene-d5
Concen: 64.445 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

Tgt Ion: 82	Resp:	624369
Ion	Ratio	Lower Upper
82	100	
128	45.3	37.9 56.9
54	39.7	33.4 50.2





#25

Isophorone

Concen: 37.107 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119114.D

Acq: 27 Feb 2020 17:13

Instrument :

BNA_F

ClientSampleId :

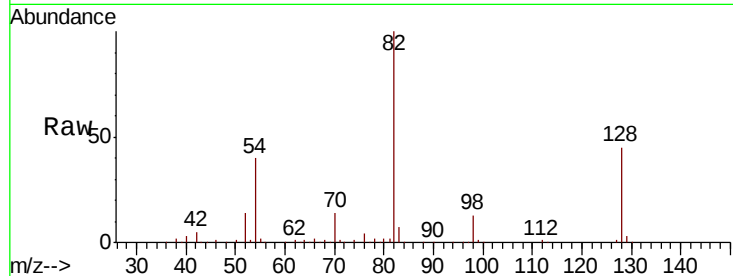
Tot Ion: 82 Resp: 624360

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

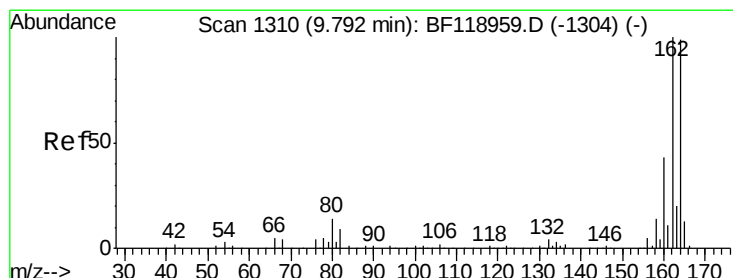
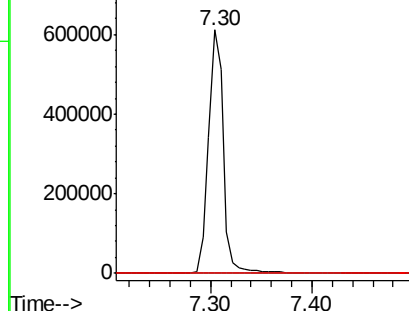
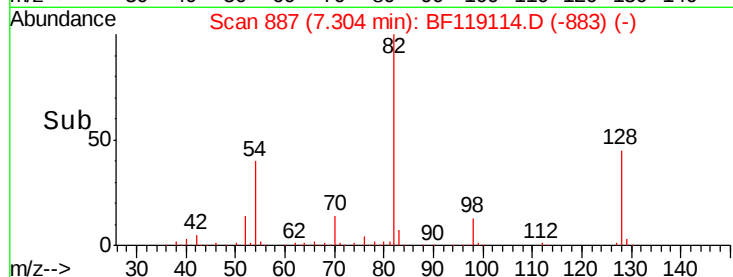
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF119114.D (-883) (-)

Ion 95.00 (94.70 to 95.70): BF119114.D (-883) (-)

Ion 138.00 (137.70 to 138.70): BF119114.D (-883) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119114.D

Acq: 27 Feb 2020 17:13

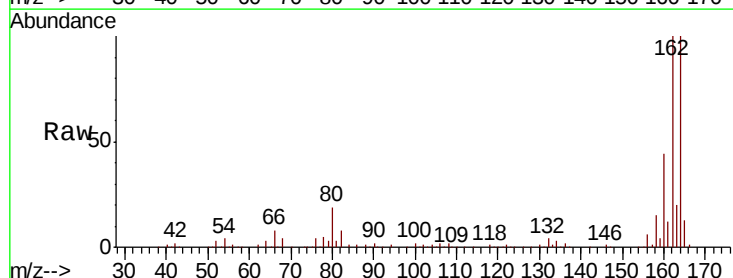
Tgt Ion: 164 Resp: 276602

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.8

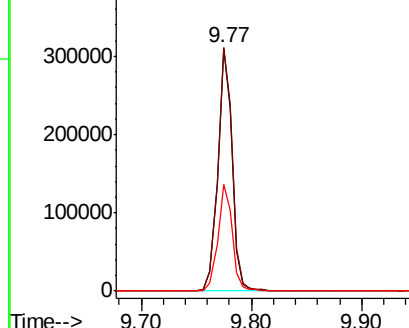
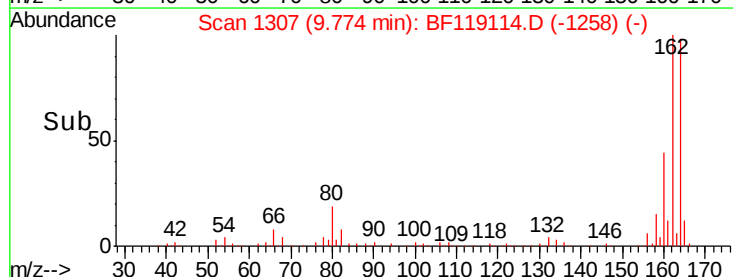
160 43.7 36.0 54.0

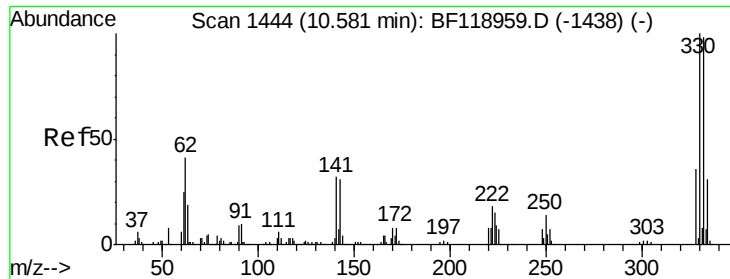


Abundance Ion 164.00 (163.70 to 164.70): BF119114.D (-1258) (-)

Ion 162.00 (161.70 to 162.70): BF119114.D (-1258) (-)

Ion 160.00 (159.70 to 160.70): BF119114.D (-1258) (-)

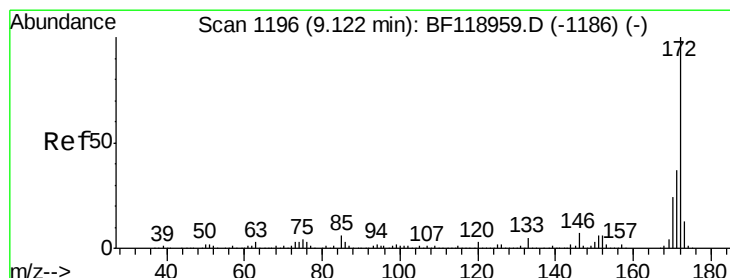
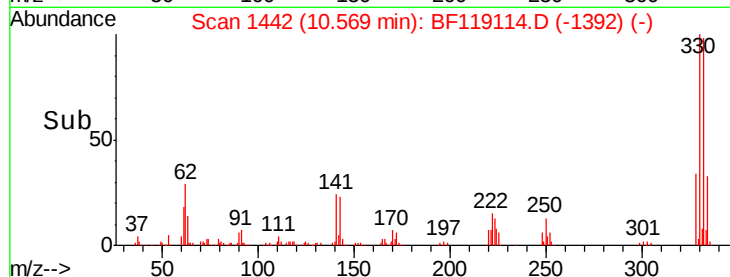
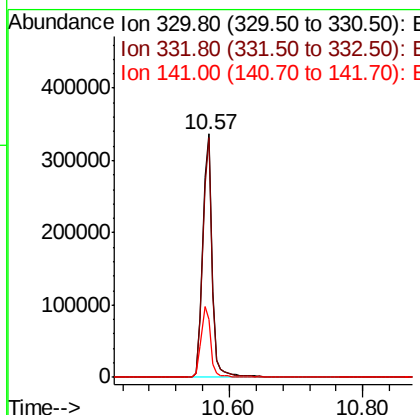
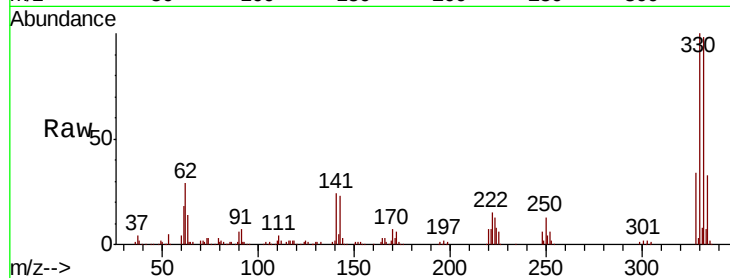




#42
 2,4,6-Tribromophenol
 Concen: 87.990 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

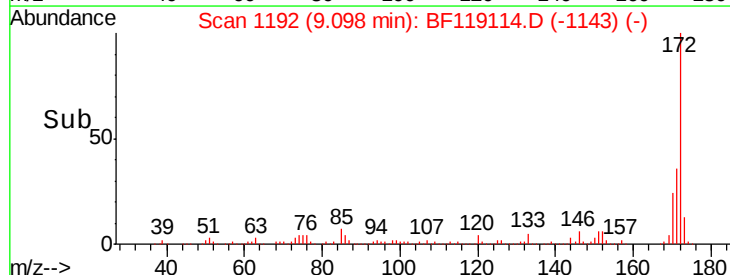
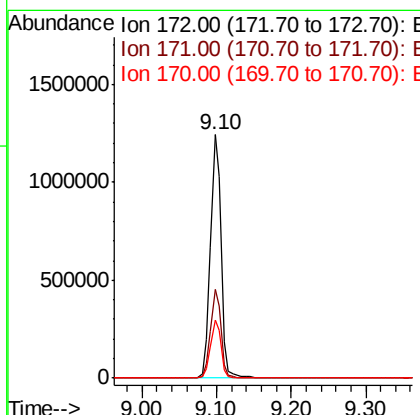
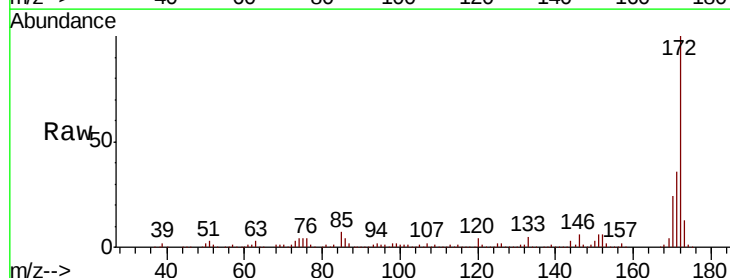
Instrument :
 BNA_F
 ClientSampleId :

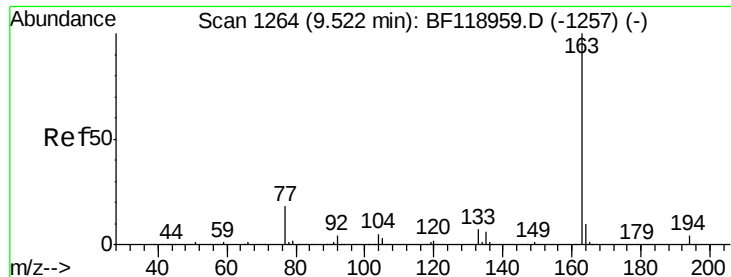
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	29.3	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 65.326 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.0	20.2	30.2

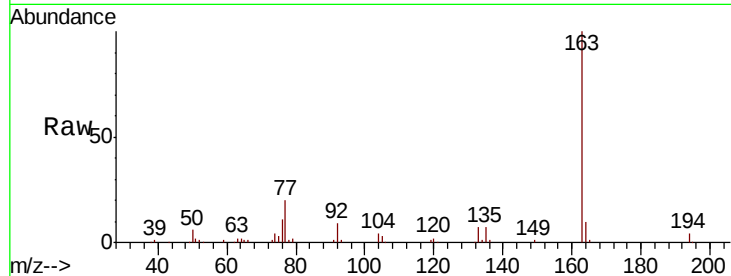




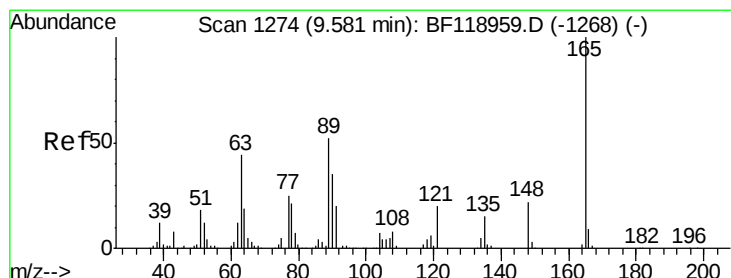
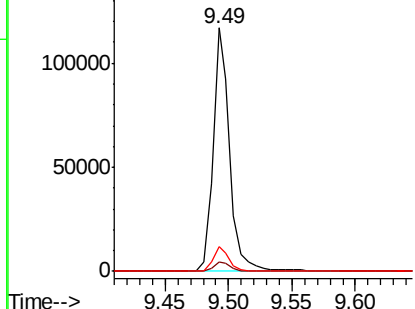
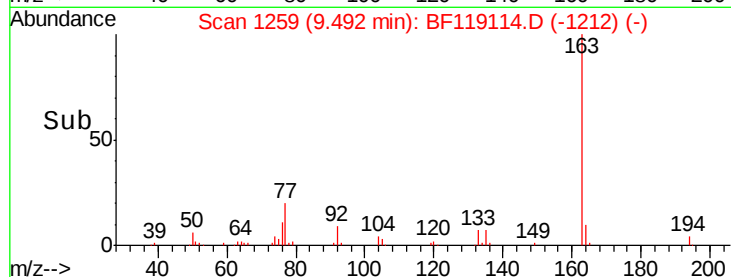
#50
Dimethylphthalate
Concen: 5.074 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.3	8.4	12.6

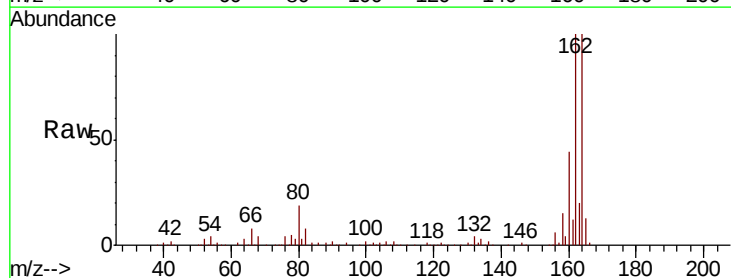


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

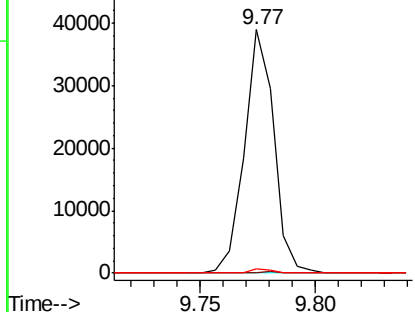
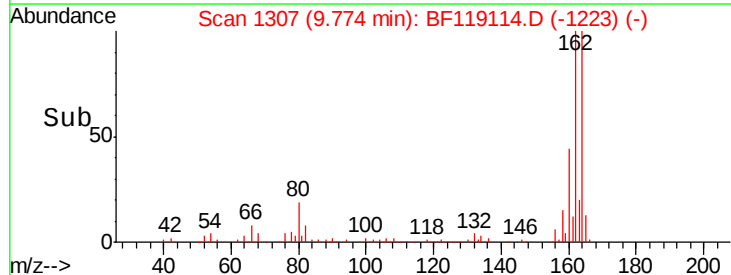


#51
2,6-Dinitrotoluene
Concen: 7.401 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.19 min
Lab File: BF119114.D
Acq: 27 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.5	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

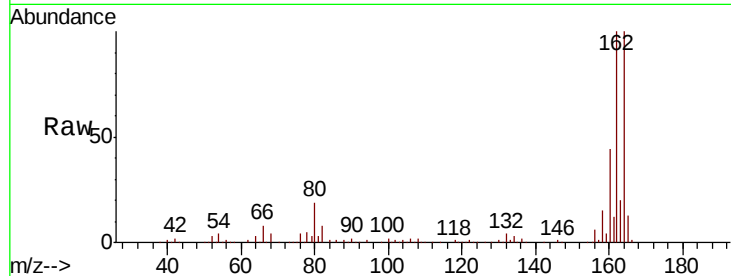




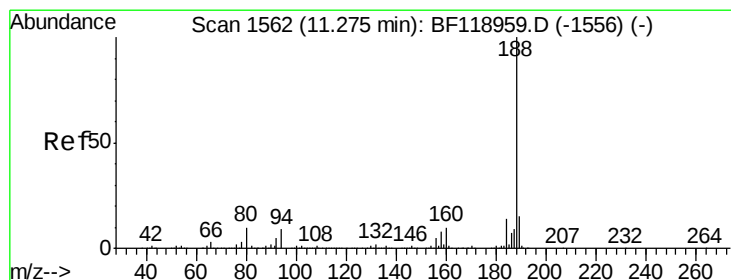
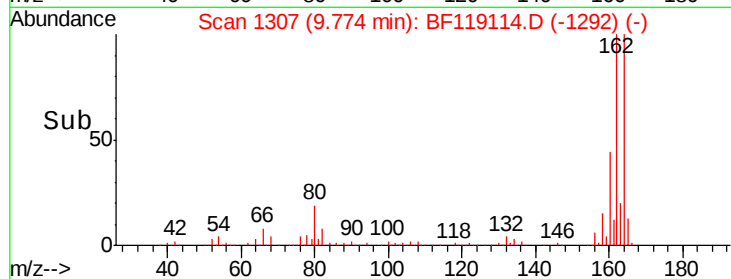
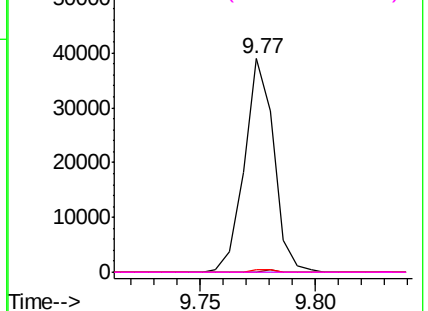
#57
 2,4-Dinitrotoluene
 Concen: 5.710 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	34780
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.3 63.5#
89	1.5	60.2 90.4#
182	0.0	2.3 3.5#

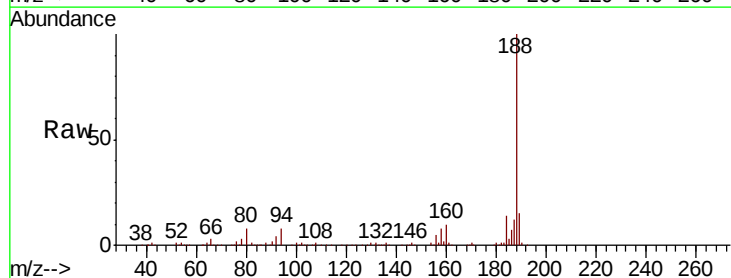


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

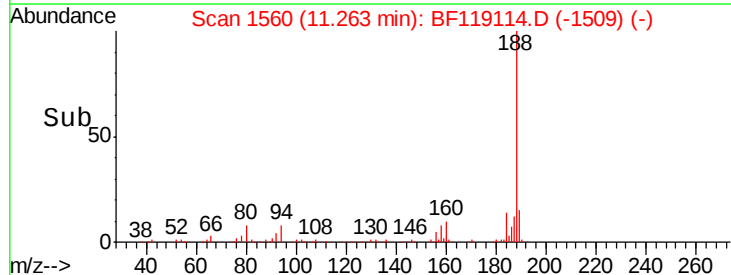
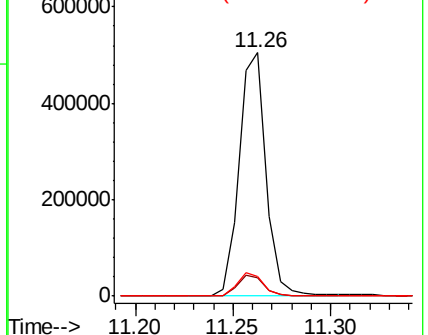


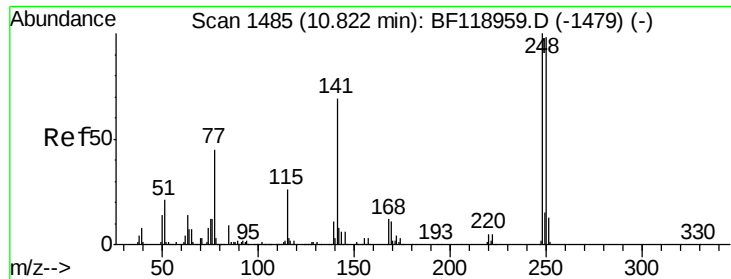
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Tgt Ion:188	Resp:	482341
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

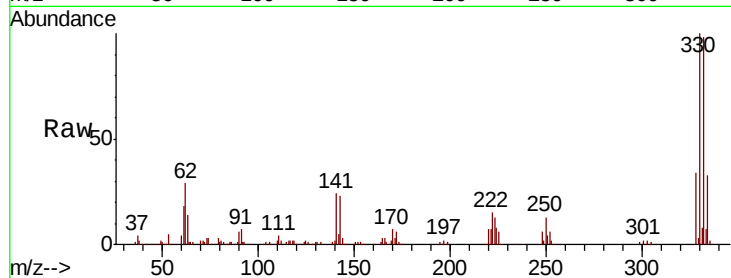




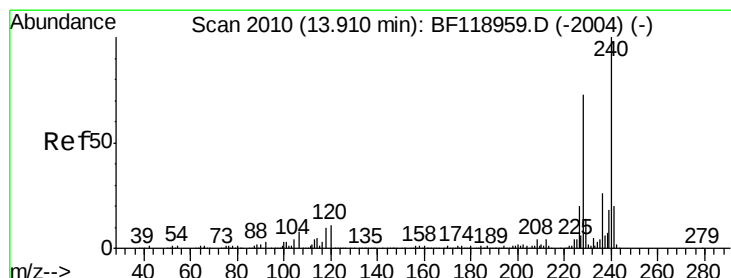
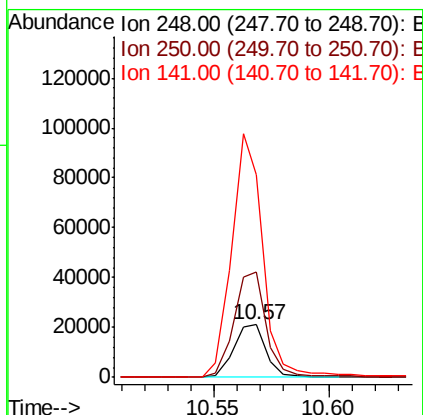
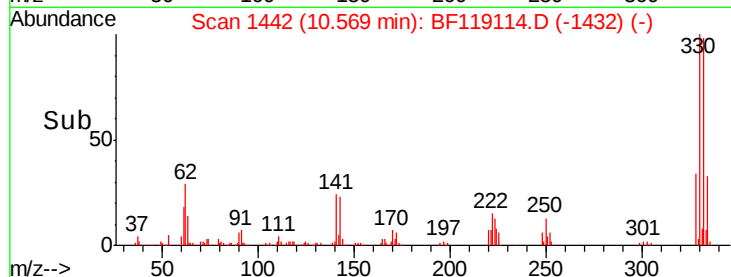
#67
 4-Bromophenyl-phenylether
 Concen: 3.248 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20475
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.7 115.1#
 141 387.0 60.7 91.1#

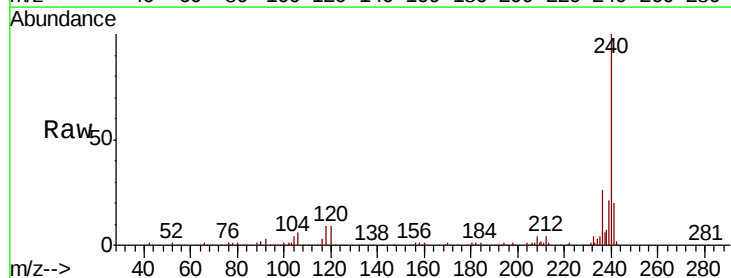


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

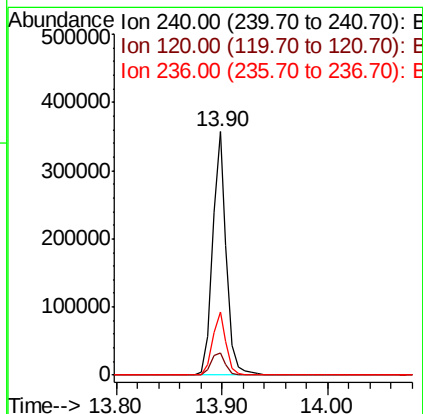
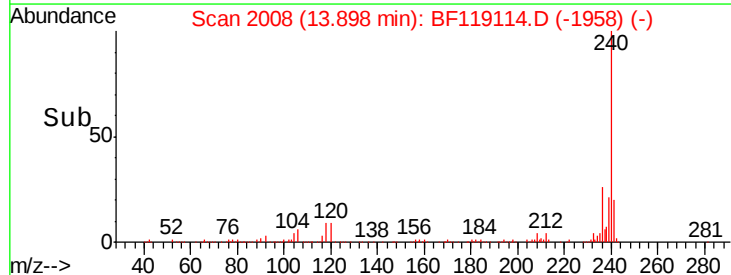


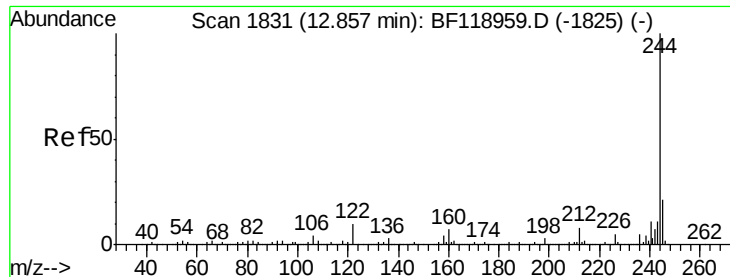
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Tgt Ion:240 Resp: 327026
 Ion Ratio Lower Upper
 240 100
 120 9.1 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



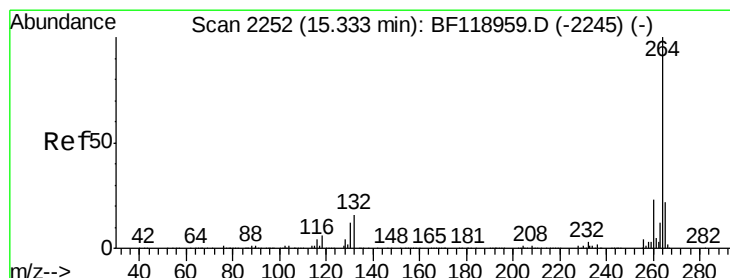
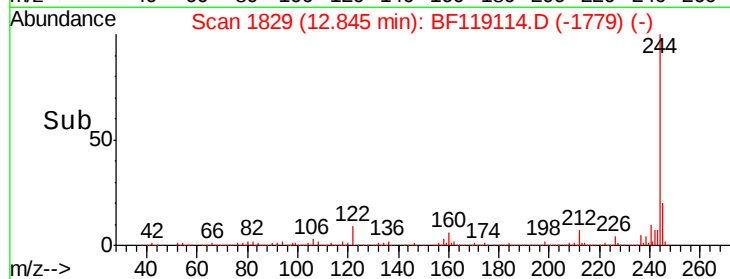
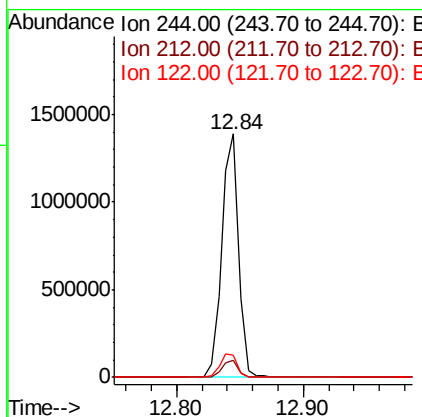
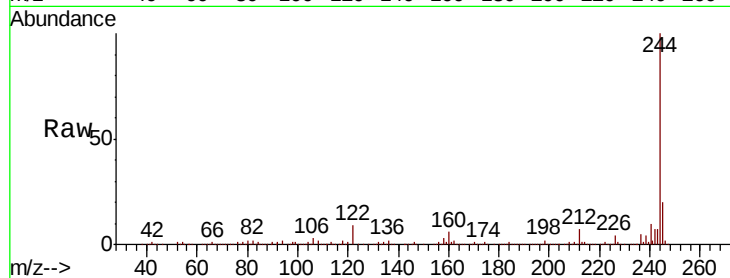


#79
 Terphenyl-d14
 Concen: 67.532 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1282739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	9.1	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF119114.D
 Acq: 27 Feb 2020 17:13

Tgt Ion:264 Resp: 330789

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.7	26.5

