

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119145.D
 Acq On : 28 Feb 2020 22:20
 Operator : CG/JU
 Sample : L1363-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:41:23 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

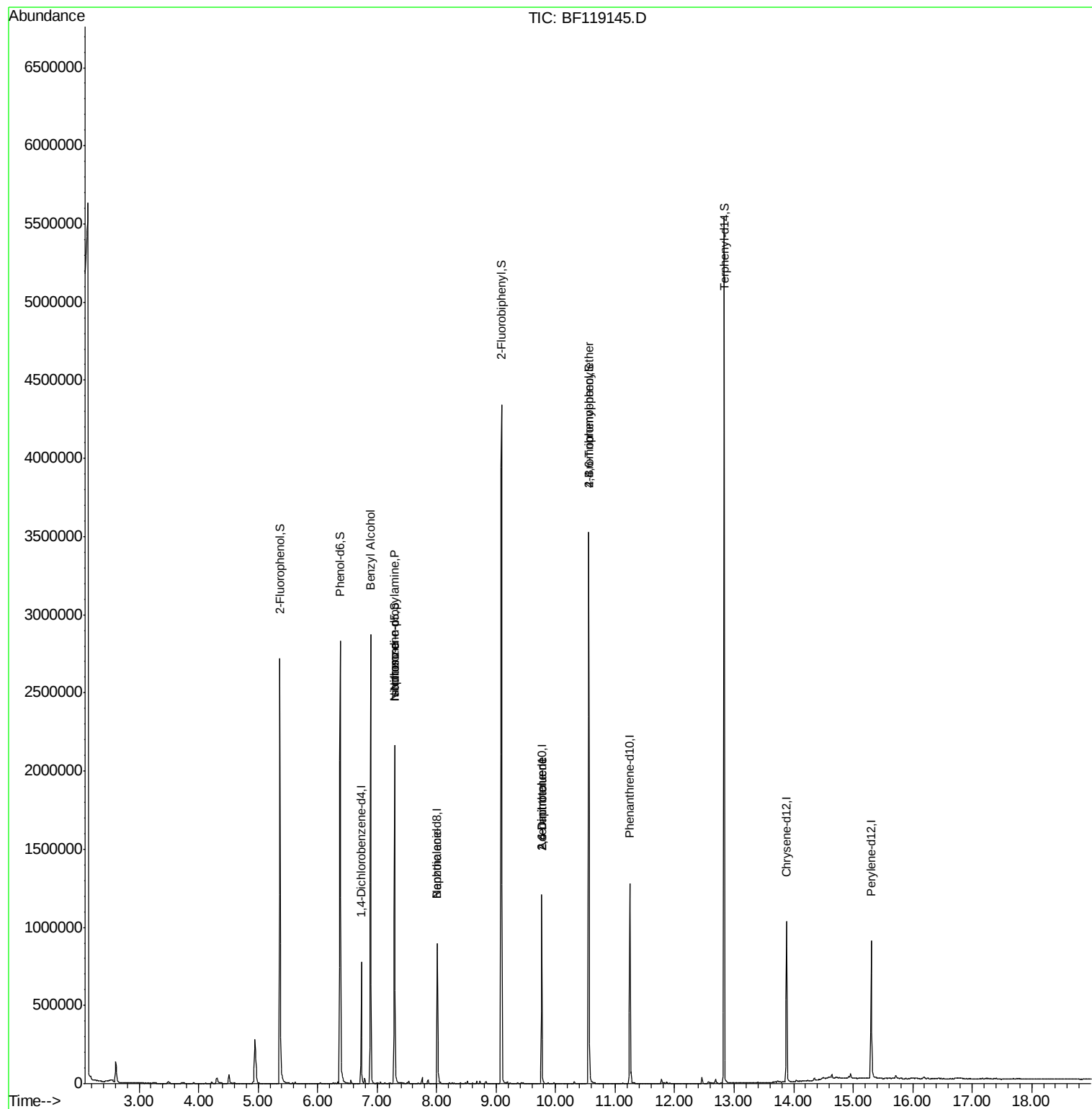
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120316	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	469741	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	262108	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	498817	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	365142	20.00	ng	-0.02
87) Perylene-d12	15.30	264	405876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	899615	124.96	ng	0.00
7) Phenol-d6	6.38	99	1002383	114.48	ng	-0.02
23) Nitrobenzene-d5	7.30	82	801741	90.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	467981	136.48	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1563628	87.88	ng	-0.02
79) Terphenyl-d14	12.83	244	1998970	94.25	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13444	2.124	ng	# 52
19) n-Nitroso-di-n-propylamine	7.30	70	110125	21.584	ng	# 75
25) Isophorone	7.30	82	801736	51.890	ng	# 63
32) Benzoic acid	8.00	122	106	6.700	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	33625	7.551	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33625	5.826	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	30700	4.708	ng	# 1

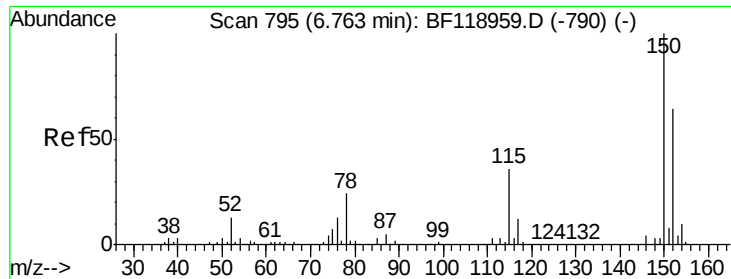
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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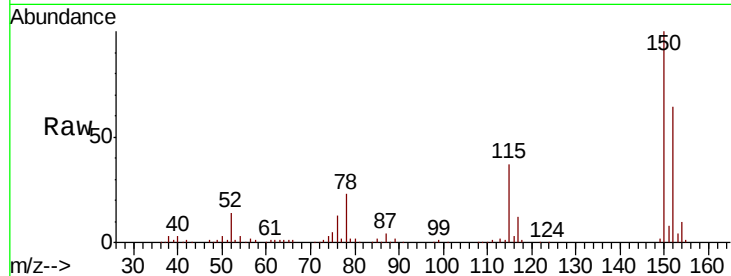


#1

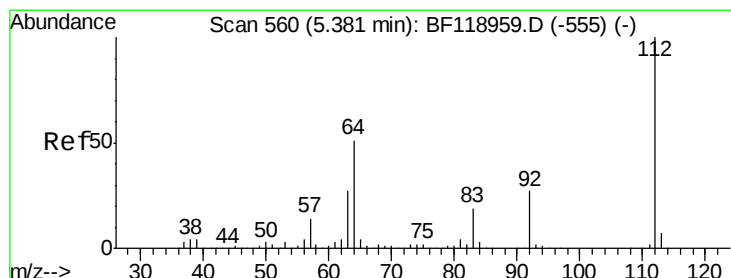
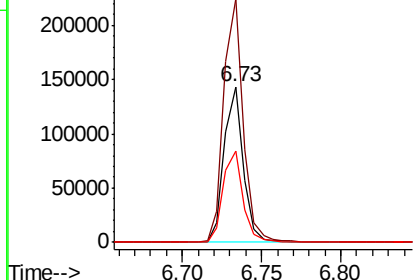
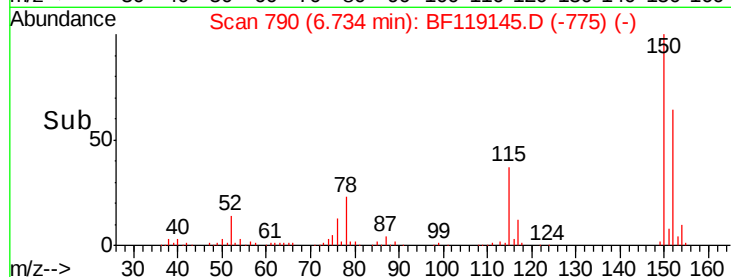
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120316
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.6 49.5 74.3



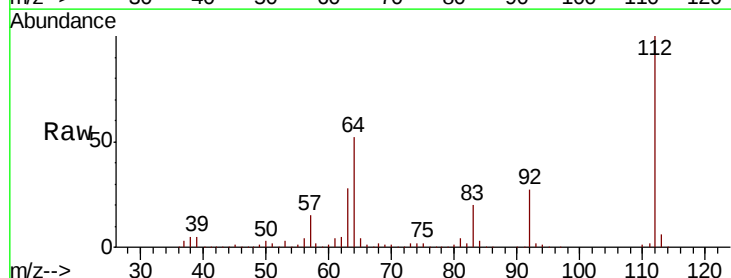
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



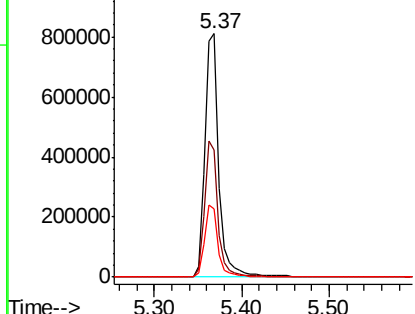
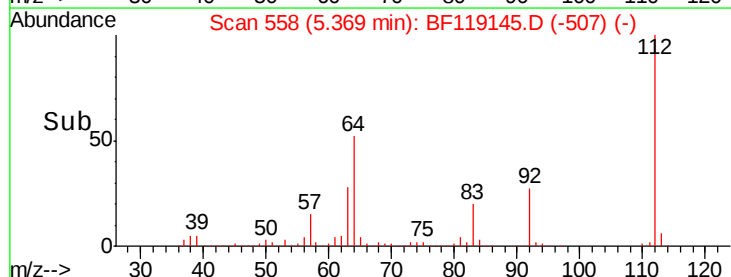
#5

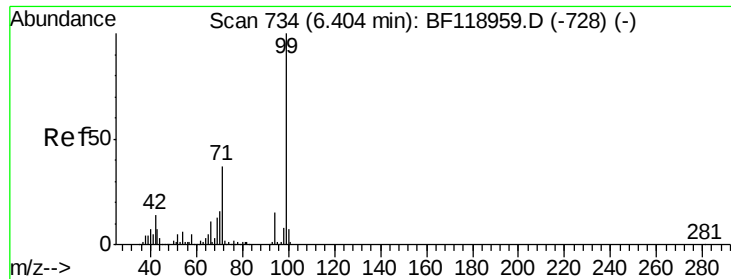
2-Fluorophenol
Concen: 124.956 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion:112 Resp: 899615
Ion Ratio Lower Upper
112 100
64 52.2 45.0 67.4
63 27.8 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: 114.481 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Instrument :

BNA_F

ClientSampled :

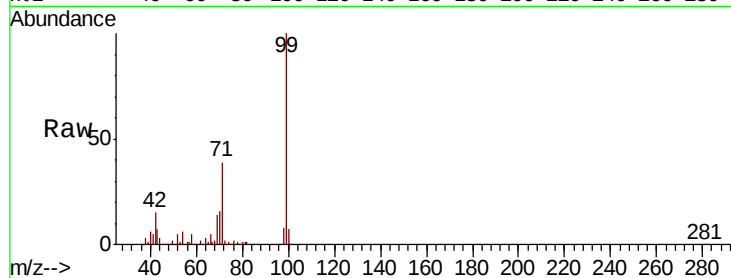
Tot Ion: 99 Resp: 1002383

Ion Ratio Lower Upper

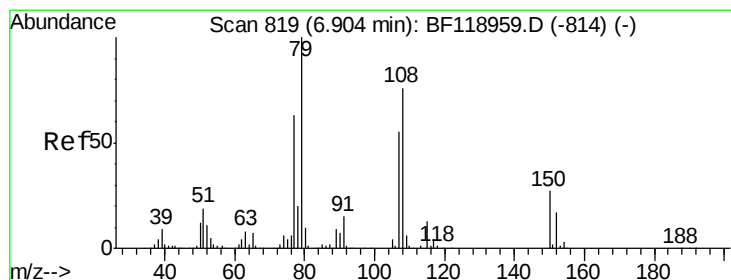
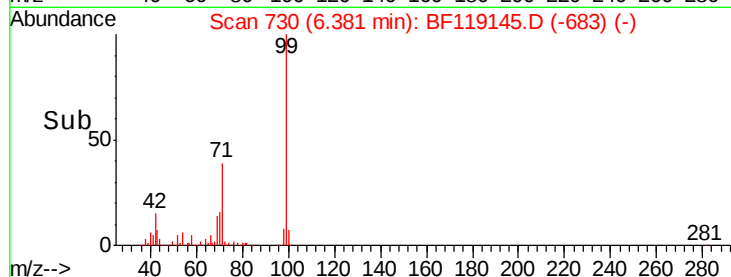
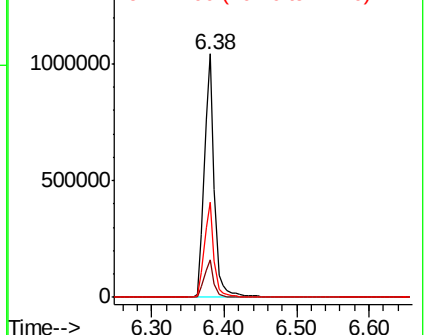
99 100

42 15.2 12.6 18.8

71 38.8 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



#15

Benzyl Alcohol

Concen: 2.124 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

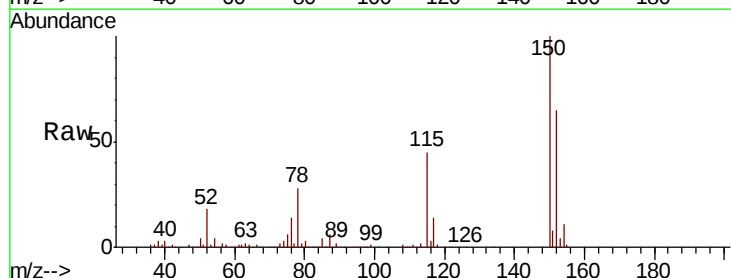
Tgt Ion: 79 Resp: 13444

Ion Ratio Lower Upper

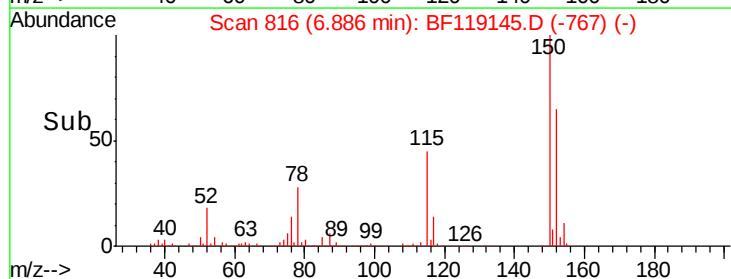
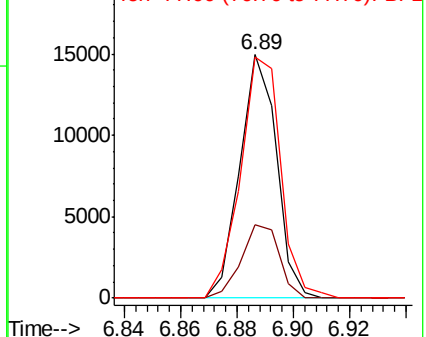
79 100

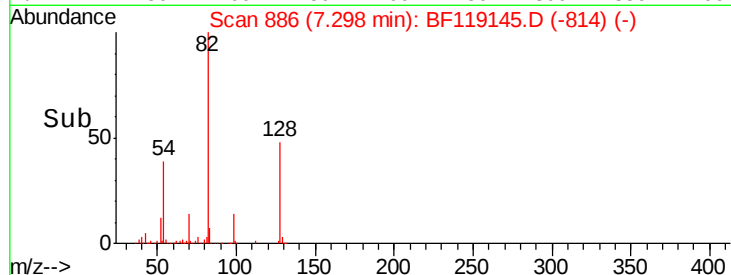
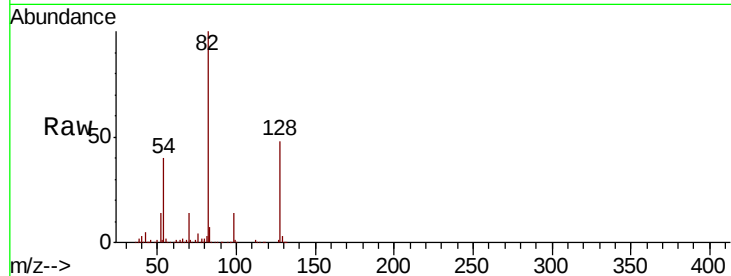
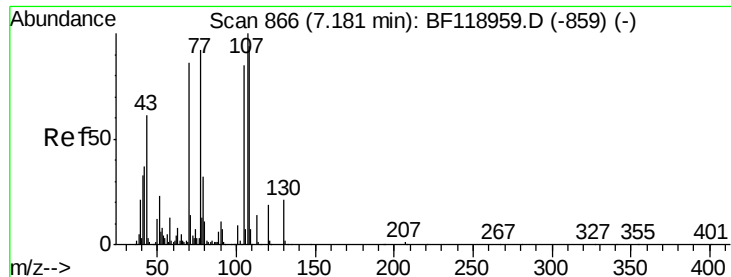
108 30.3 58.2 87.2#

77 98.8 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

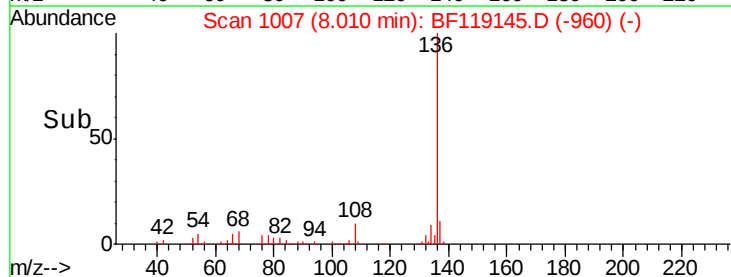
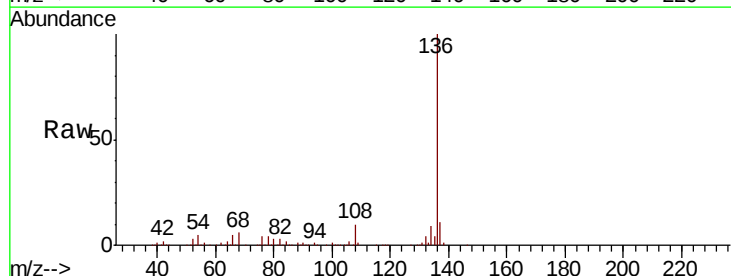
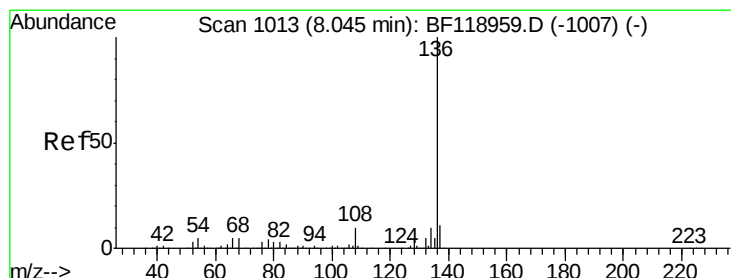
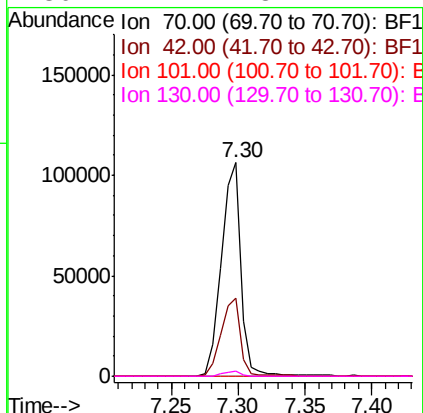




#19
n-Nitroso-di-n-propylamine
Concen: 21.584 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

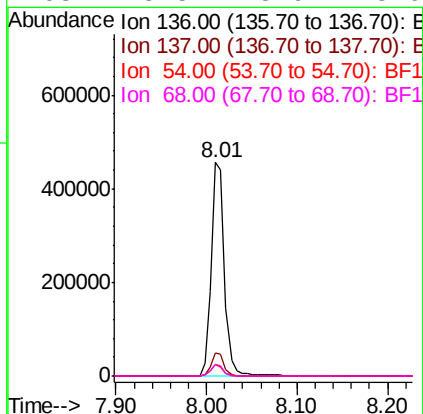
Instrument :
BNA_F
ClientSampleId :

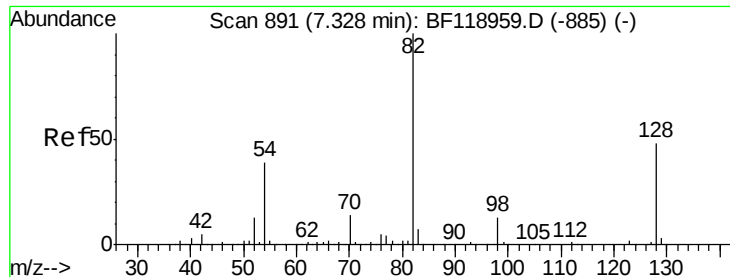
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.7	38.0	57.0#
101	0.0	8.2	12.4#
130	2.4	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.2	3.8	5.6
68	5.5	3.9	5.9

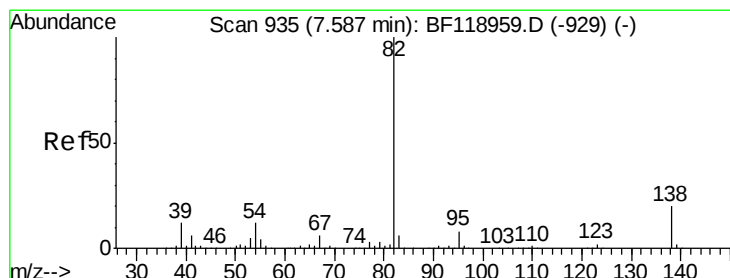
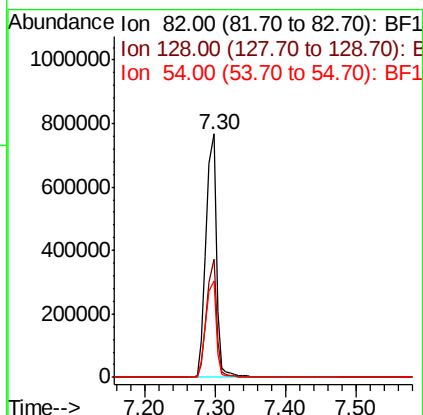
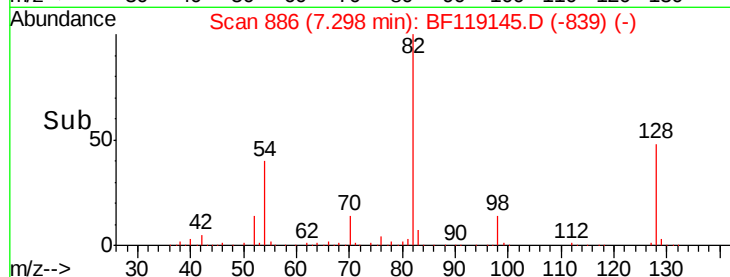
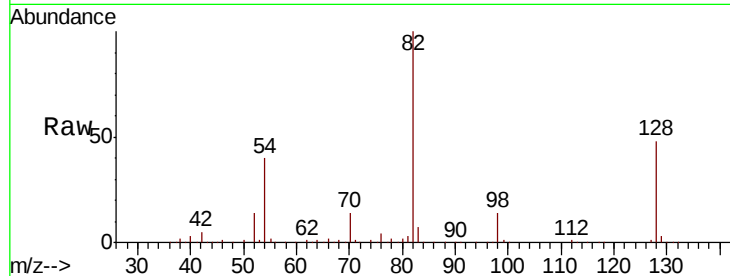




#23
Nitrobenzene-d5
Concen: 90.118 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

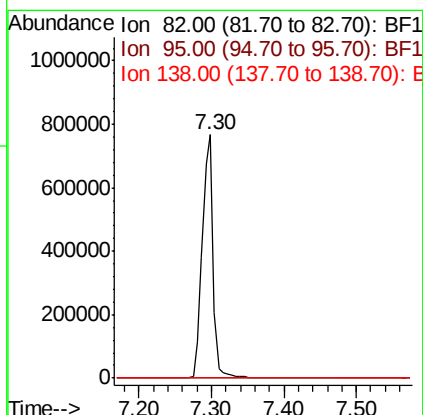
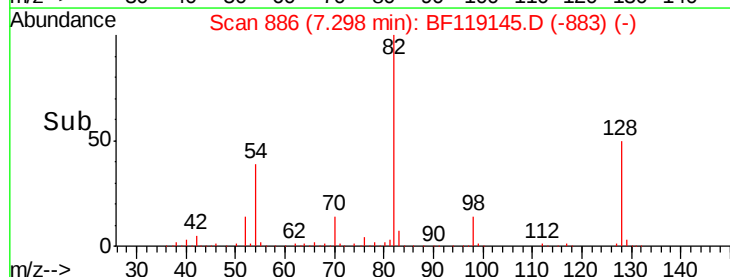
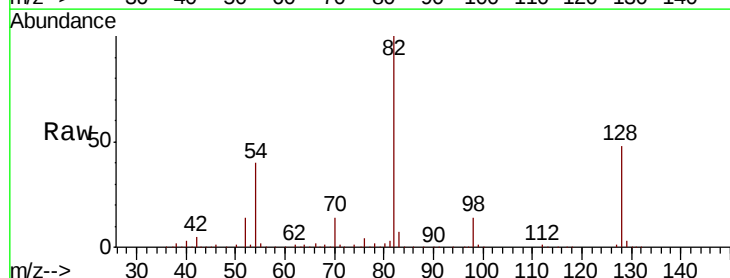
Instrument :
BNA_F
ClientSampleId :

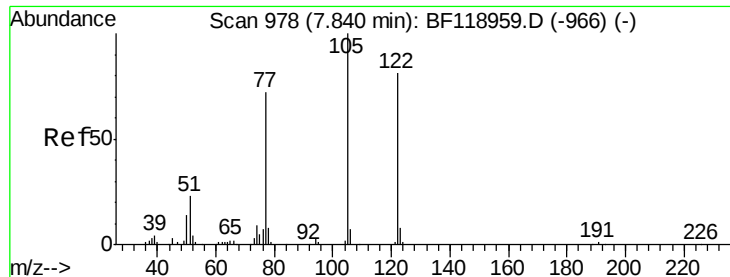
Tot Ion: 82 Resp: 801741
Ion Ratio Lower Upper
82 100
128 48.4 37.9 56.9
54 39.5 33.4 50.2



#25
Isophorone
Concen: 51.890 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion: 82 Resp: 801736
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

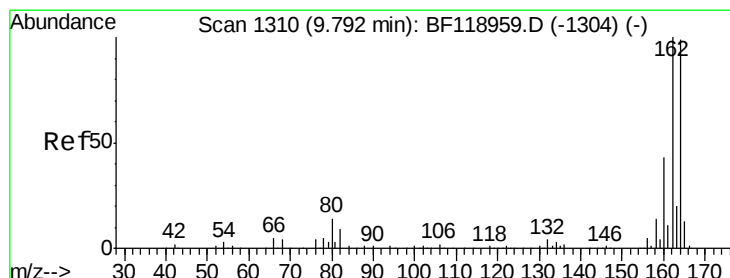
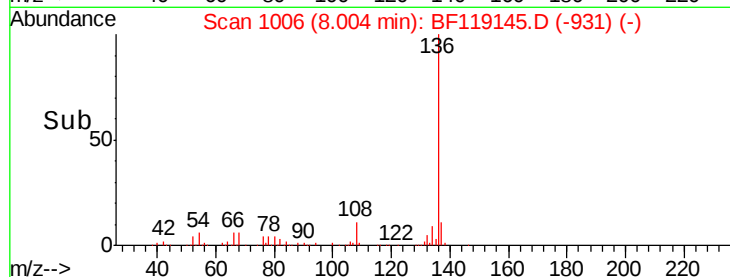
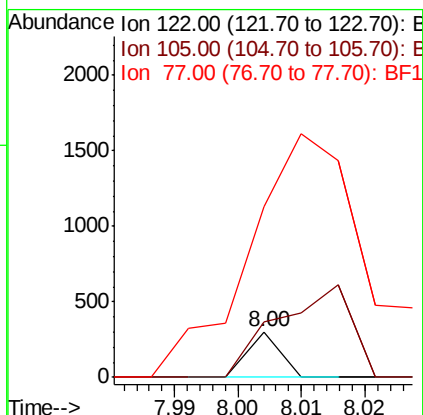
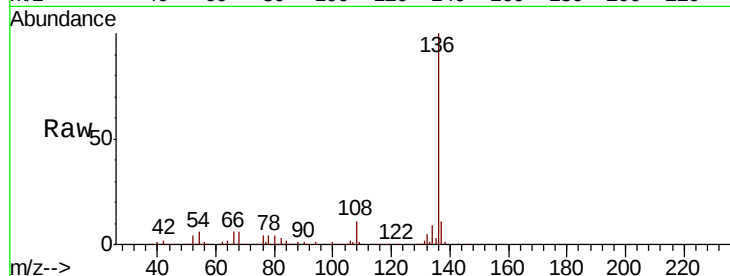




#32
Benzoic acid
Concen: 6.700 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.14 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

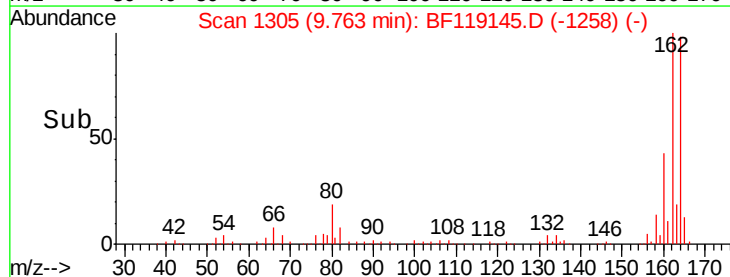
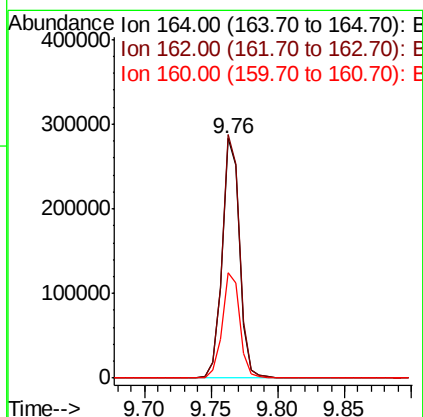
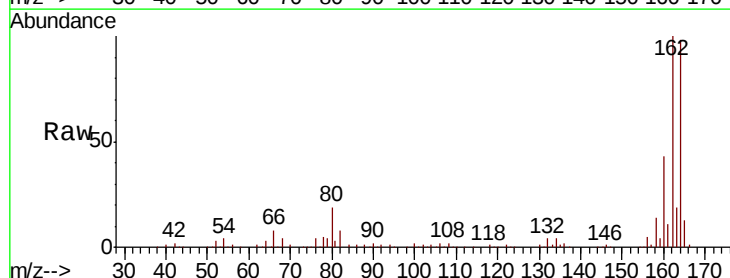
Instrument :
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ClientSampleId :

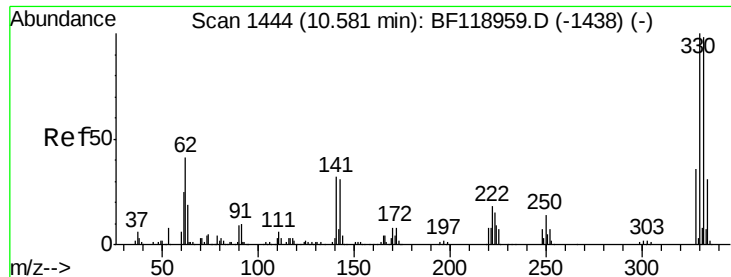
Tot Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 121.9 106.3 146.3
77 376.4 73.1 113.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion:164 Resp: 262108
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 43.9 36.0 54.0

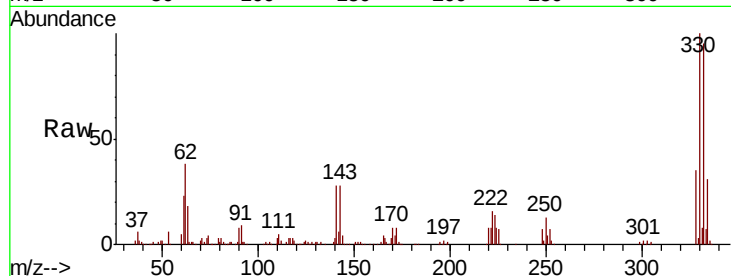




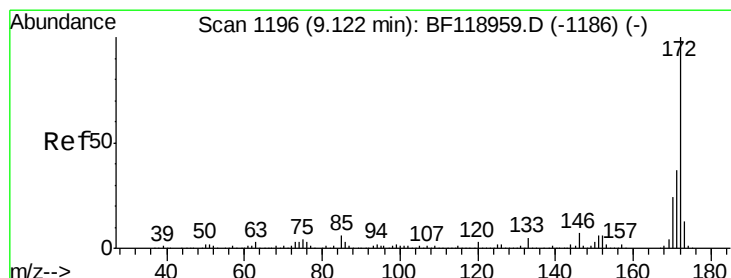
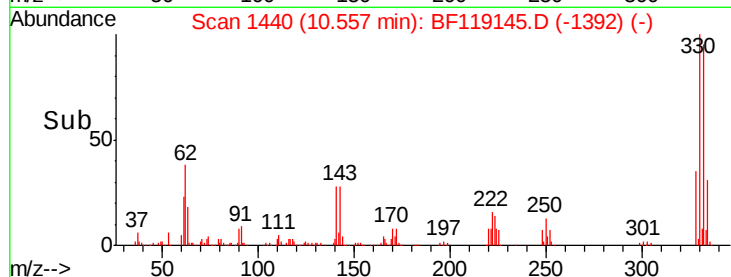
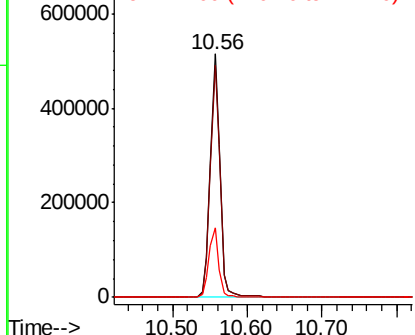
#42
 2,4,6-Tribromophenol
 Concen: 136.485 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 467981
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.0 114.0
 141 28.9 22.9 34.3

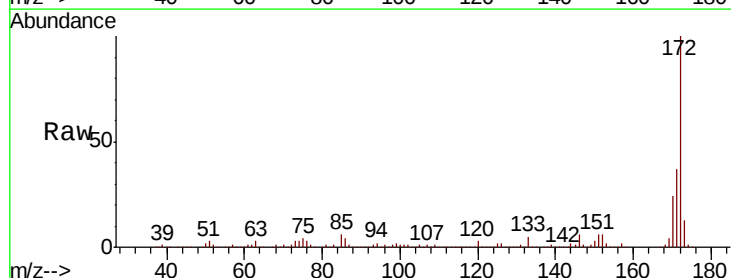


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

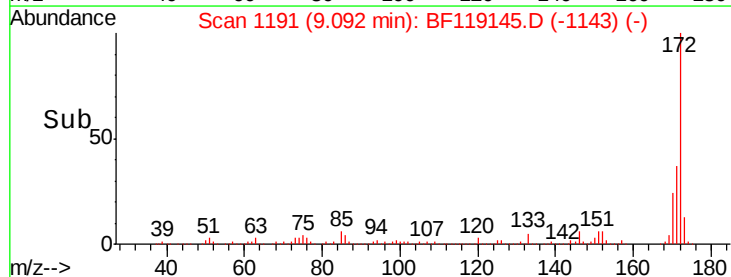
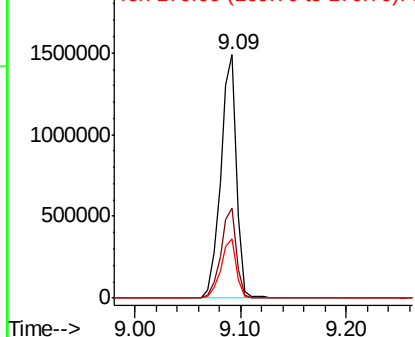


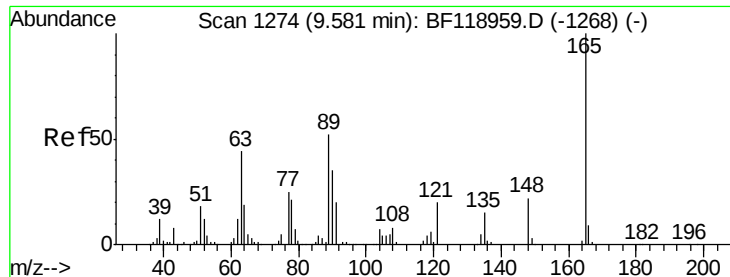
#45
 2-Fluorobiphenyl
 Concen: 87.883 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Tgt Ion:172 Resp: 1563628
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 24.1 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

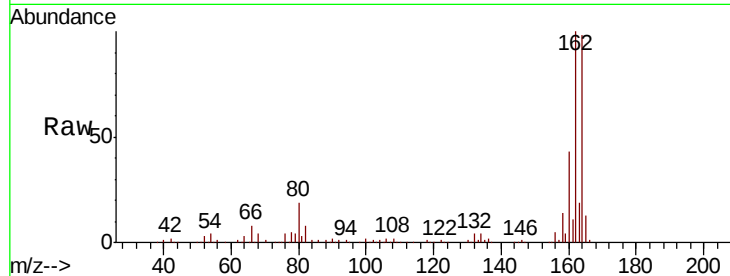




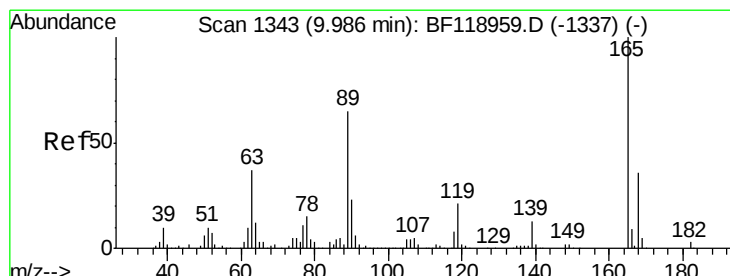
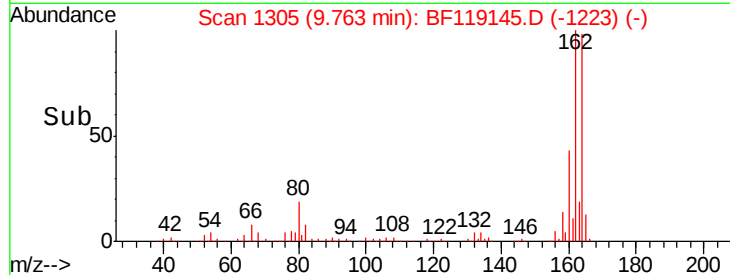
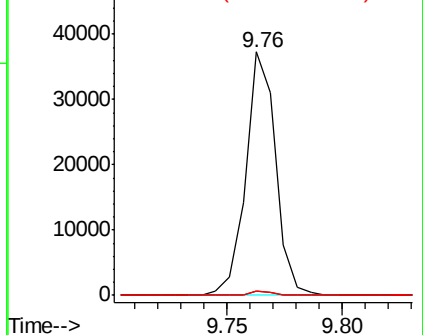
#51
 2,6-Dinitrotoluene
 Concen: 7.551 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.18 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Instrument :
 BNA_F
 ClientSampleId :

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



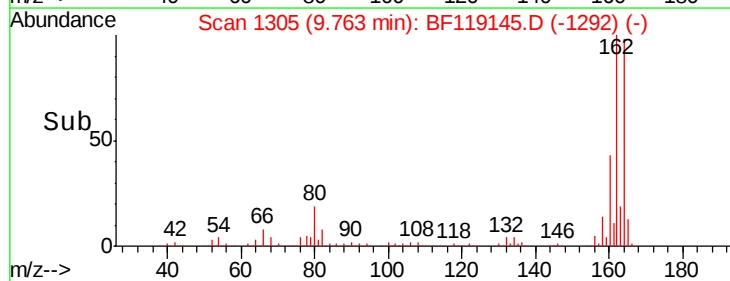
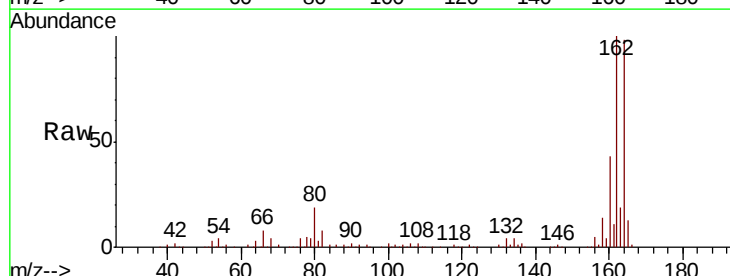
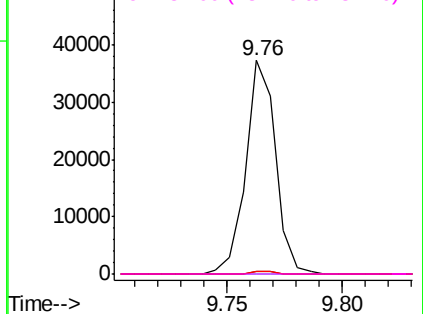
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

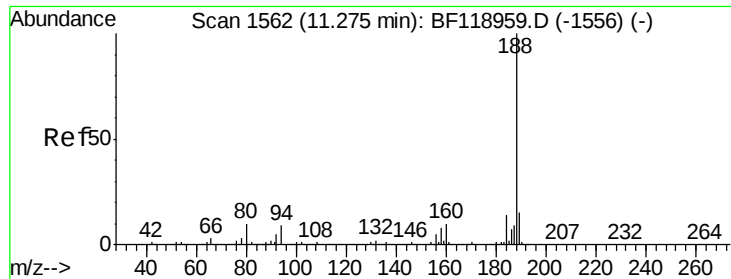


#57
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	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

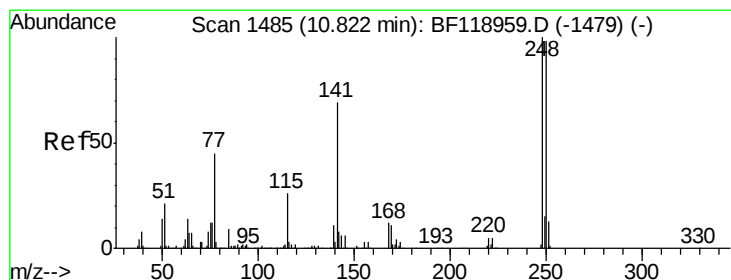
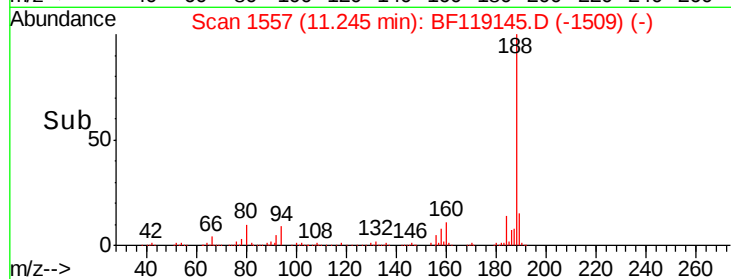
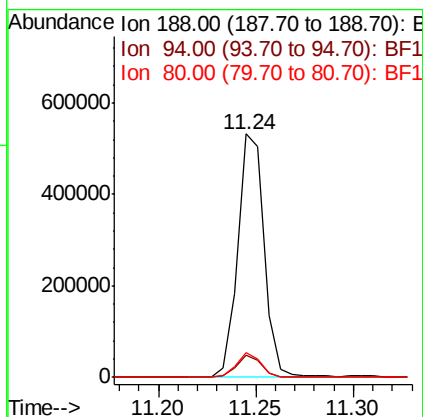
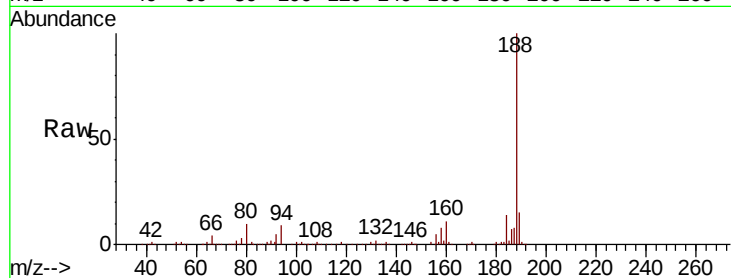




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

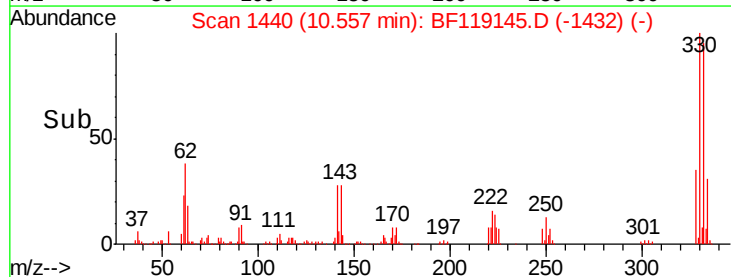
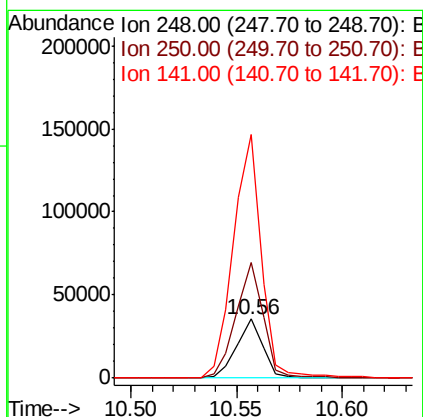
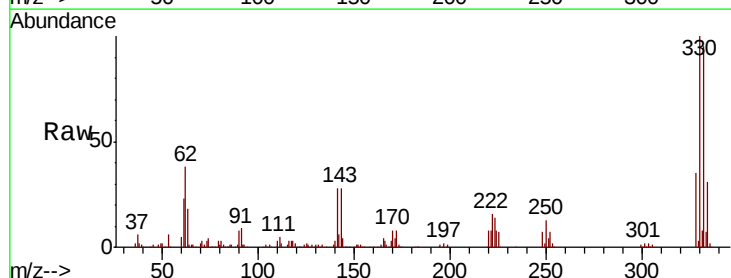
Instrument :
BNA_F
ClientSampleId :

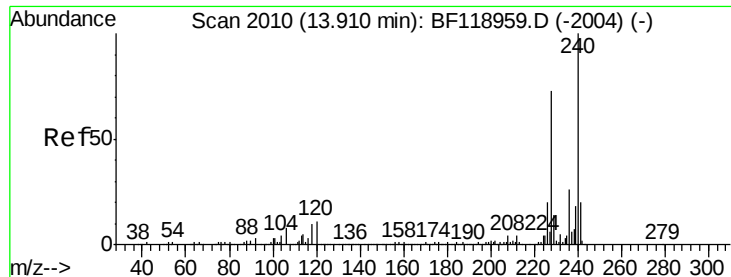
Tot Ion:188 Resp: 498817
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.2 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion:248 Resp: 30700
Ion Ratio Lower Upper
248 100
250 196.1 76.7 115.1#
141 413.9 60.7 91.1#

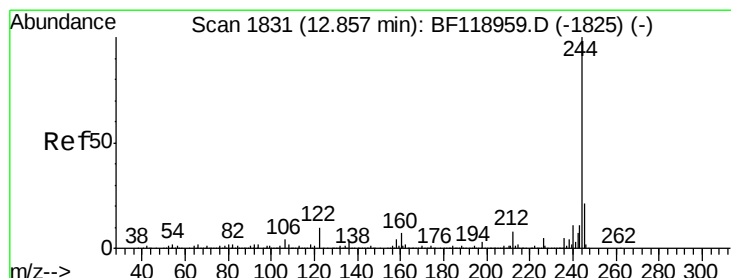
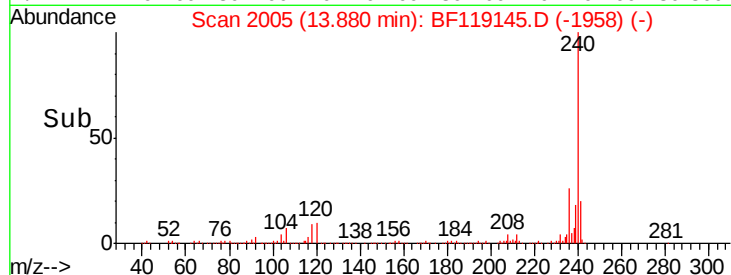
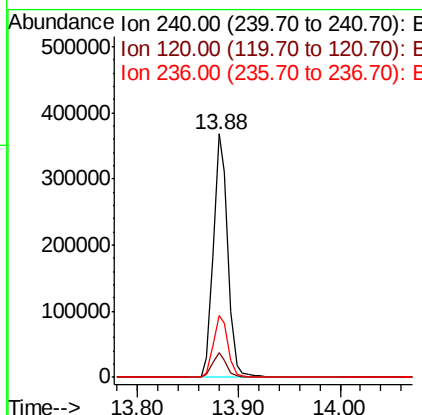
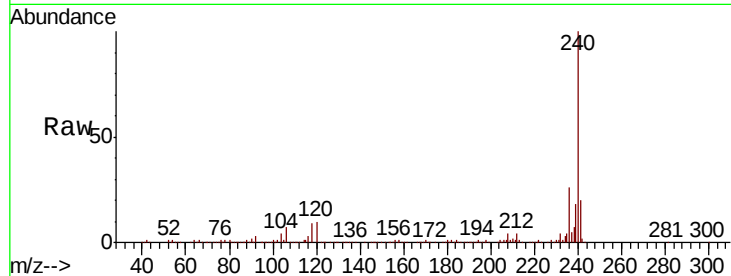




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

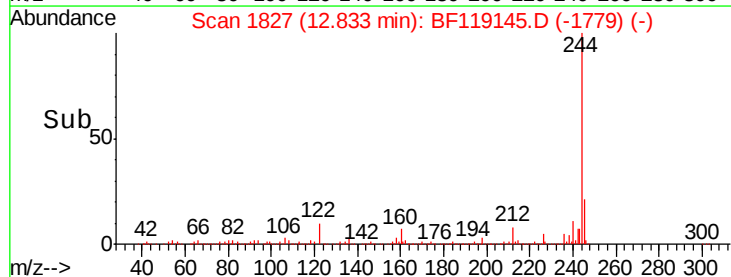
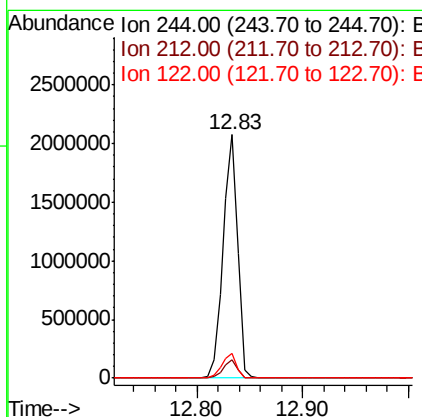
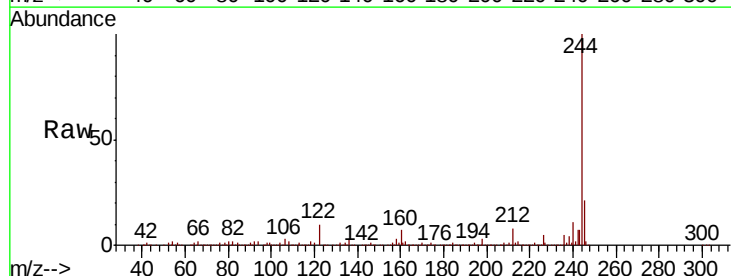
Instrument :
BNA_F
ClientSampleId :

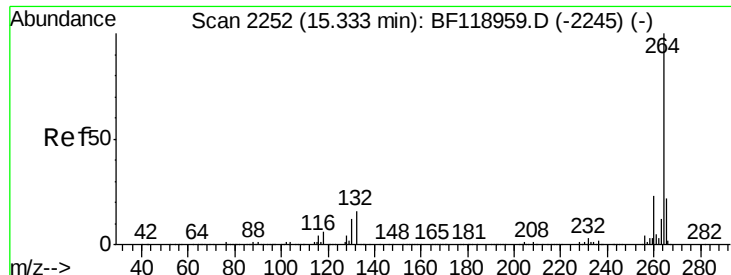
Tot Ion:240 Resp: 365142
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 94.253 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion:244 Resp: 1998970
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 10.1 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.9	17.7	26.5

