

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119066.D
 Acq On : 25 Feb 2020 15:50
 Operator : CG/JU
 Sample : L1586-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:26:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

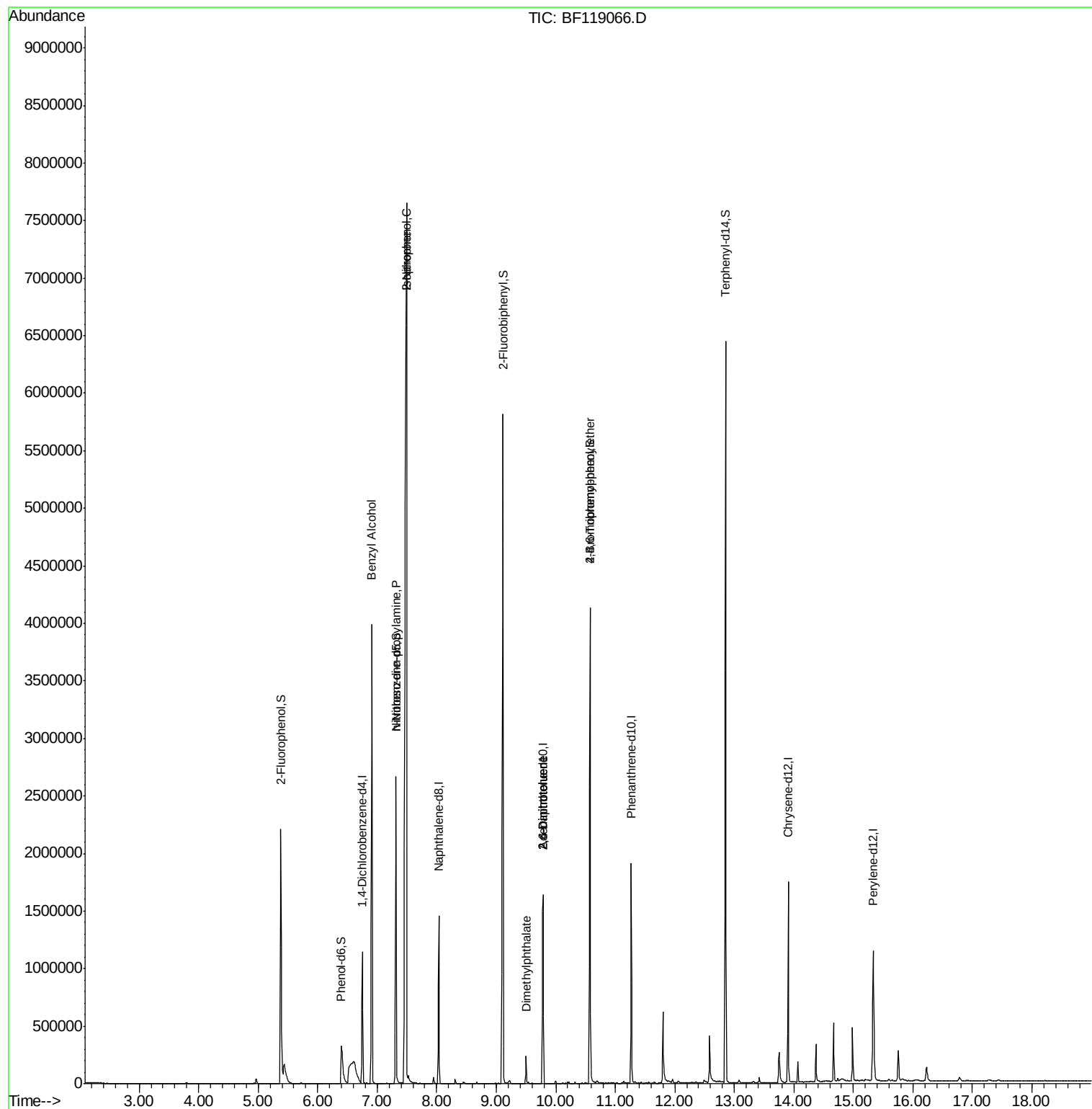
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175617	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	679899	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	377879	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	713994	20.00	ng	0.00
76) Chrysene-d12	13.90	240	608297	20.00	ng	0.00
87) Perylene-d12	15.33	264	533145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	681641	64.87	ng	0.00
7) Phenol-d6	6.40	99	288556	22.58	ng	0.00
23) Nitrobenzene-d5	7.32	82	1074686	83.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	640165	129.50	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2096574	81.74	ng	-0.01
79) Terphenyl-d14	12.86	244	2534853	71.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	19089	2.067	ng	# 49
19) n-Nitroso-di-n-propylamine	7.32	70	148151	19.894	ng	# 77
25) Isophorone	7.49	82	909077	40.650	ng	# 83
26) 2-Nitrophenol	7.49	139	301531	44.691	ng	# 1
50) Dimethylphthalate	9.50	163	111385	3.855	ng	100
51) 2,6-Dinitrotoluene	9.79	165	49810	7.759	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	49810	5.986	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	41935	4.493	ng	# 1

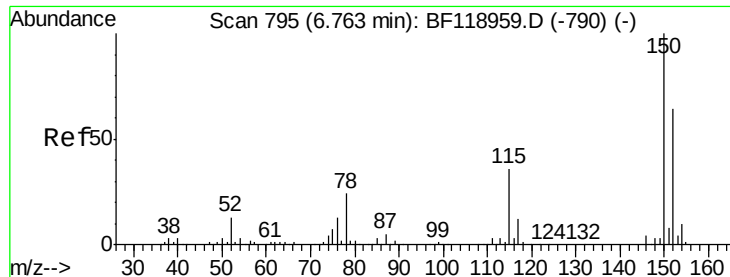
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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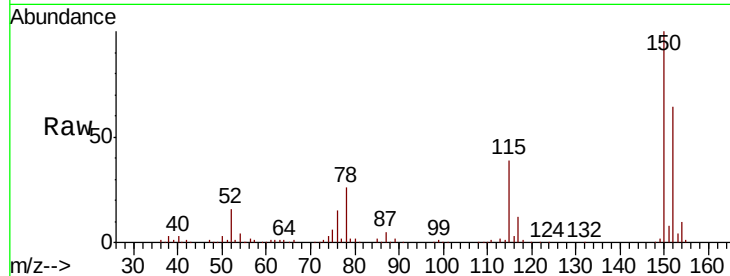


#1

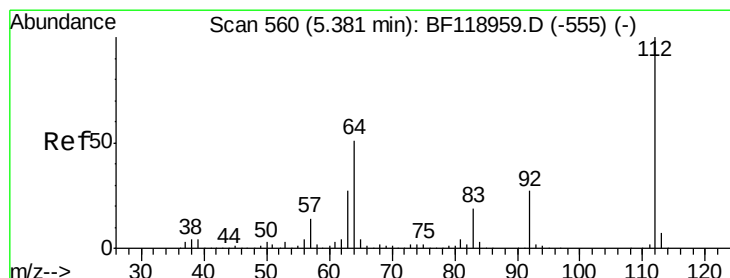
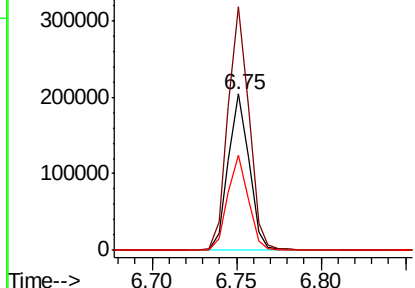
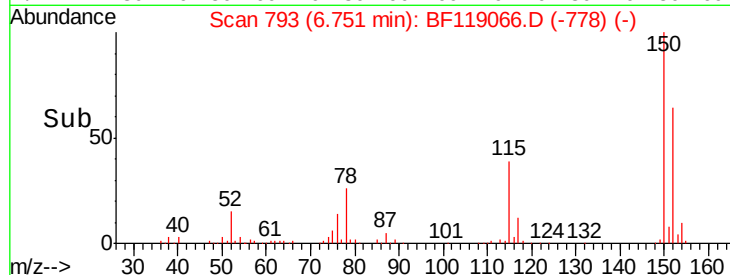
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	60.8	44.6	67.0



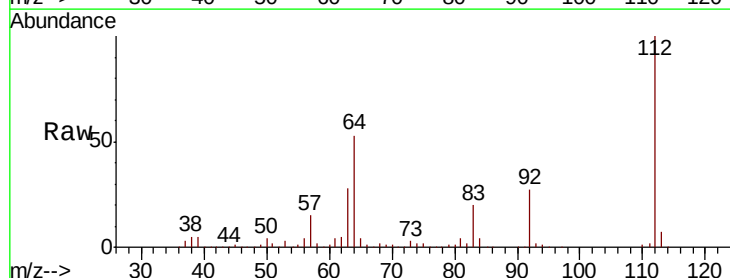
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



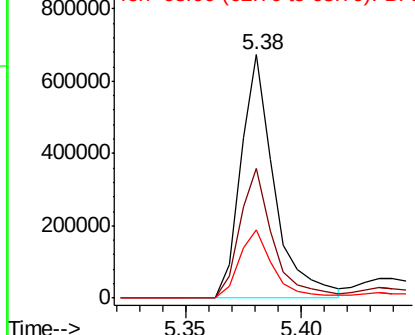
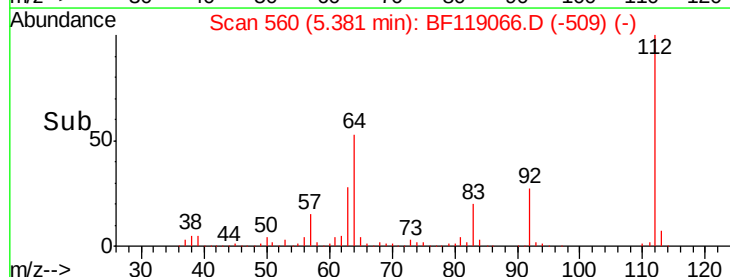
#5

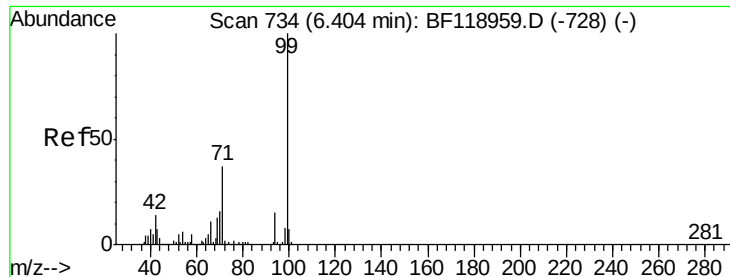
2-Fluorophenol
Concen: 64.865 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	40.4	60.6
63	28.1	21.3	31.9



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: 22.578 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_F

ClientSampled :

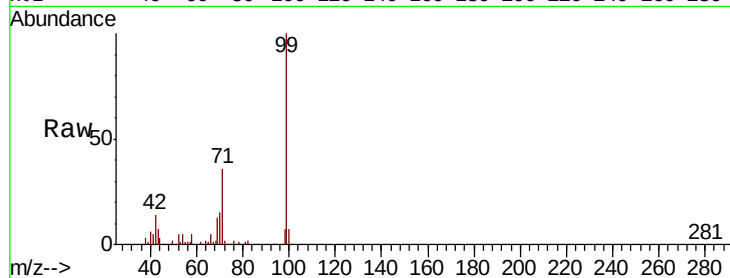
Tot Ion: 99 Resp: 288556

Ion Ratio Lower Upper

99 100

42 13.9 11.4 17.0

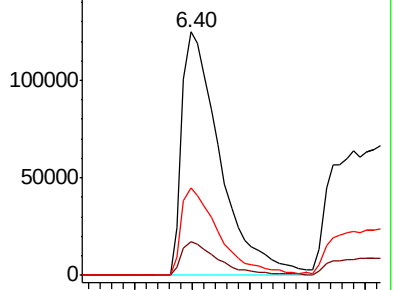
71 35.7 29.8 44.6



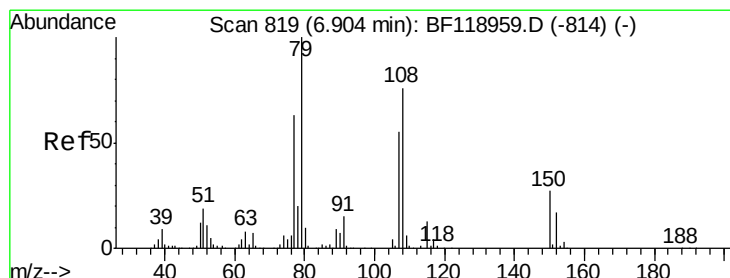
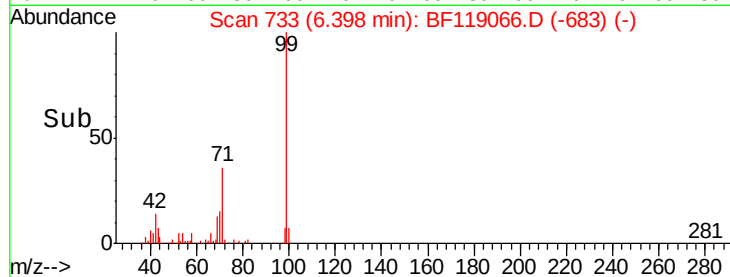
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#15

Benzyl Alcohol

Concen: 2.067 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

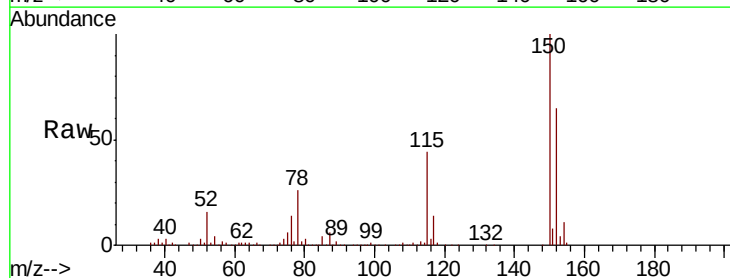
Tgt Ion: 79 Resp: 19089

Ion Ratio Lower Upper

79 100

108 34.9 61.1 91.7#

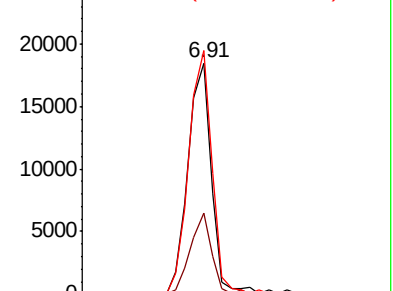
77 105.4 50.2 75.2#



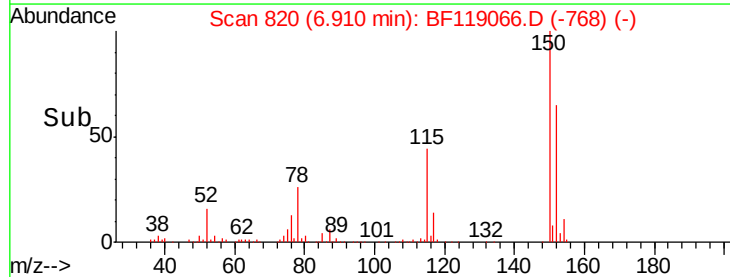
Abundance Ion 79.00 (78.70 to 79.70): BF1

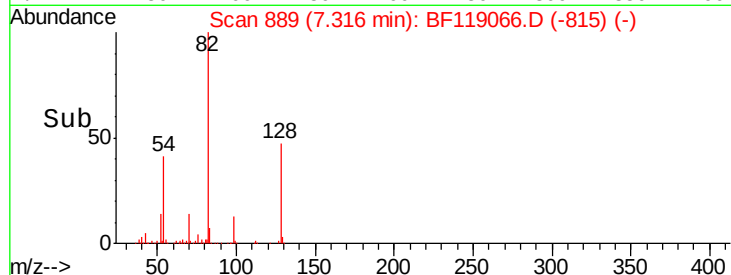
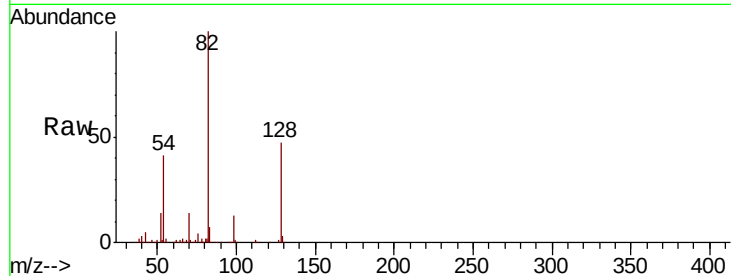
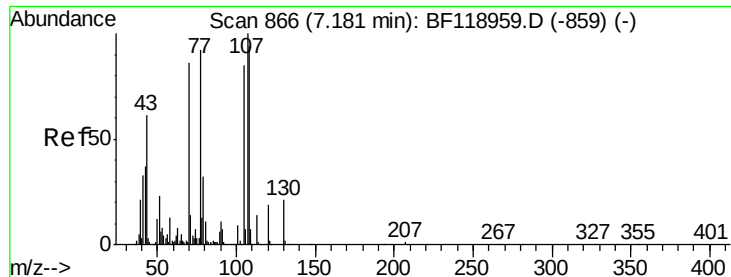
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->

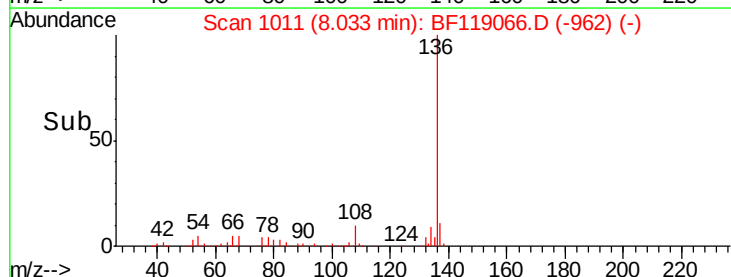
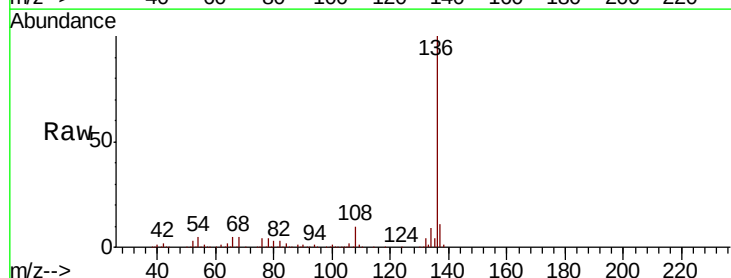
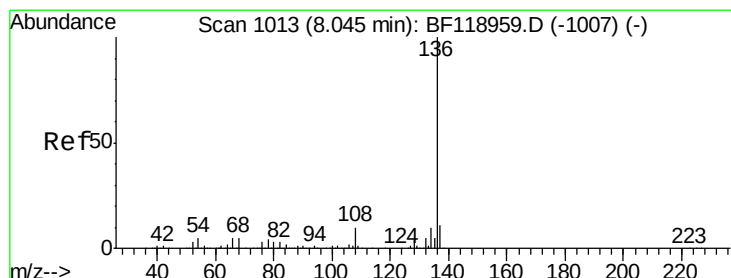
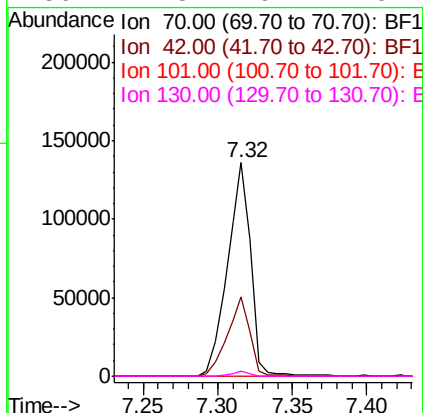




#19
n-Nitroso-di-n-propylamine
Concen: 19.894 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

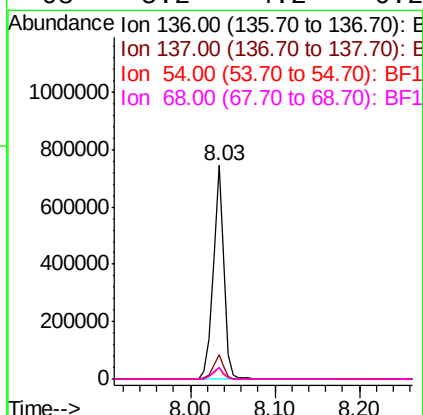
Instrument :
BNA_F
ClientSampleId :

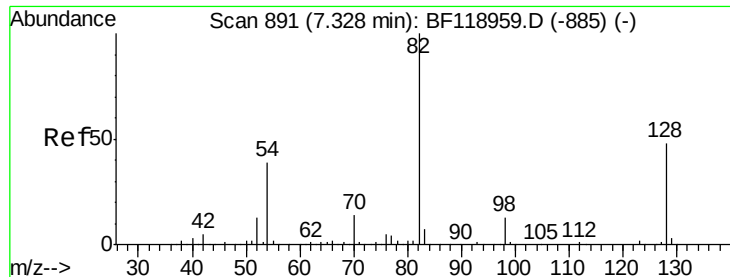
Tot Ion:	70	Resp:	148151
Ion	Ratio	Lower	Upper
70	100		
42	36.9	34.6	51.8
101	0.0	8.1	12.1#
130	2.3	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Tgt Ion:	136	Resp:	679899
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.2	3.8	5.6
68	5.2	4.2	6.2

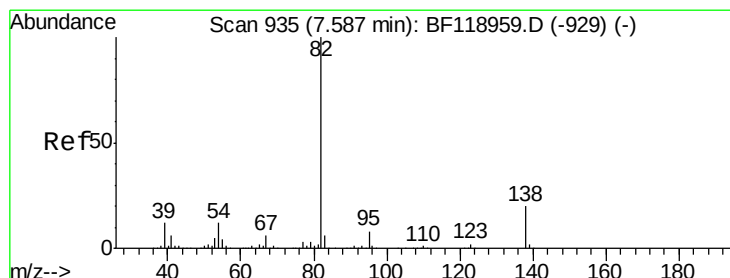
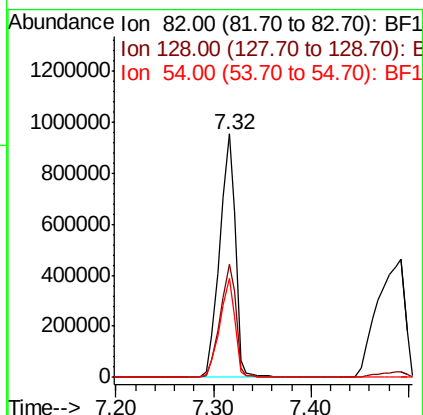
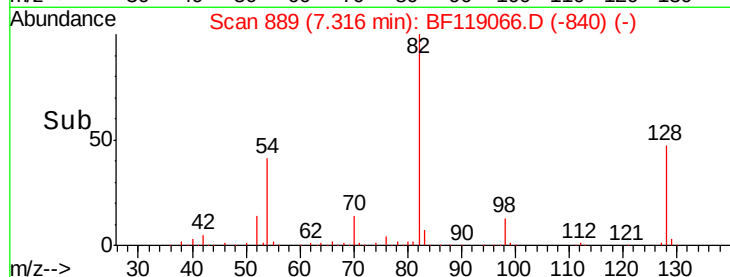
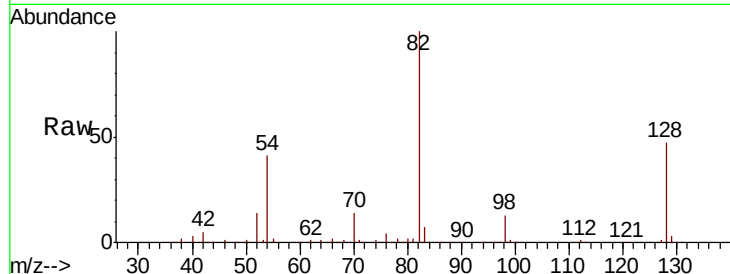




#23
Nitrobenzene-d5
Concen: 83.459 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

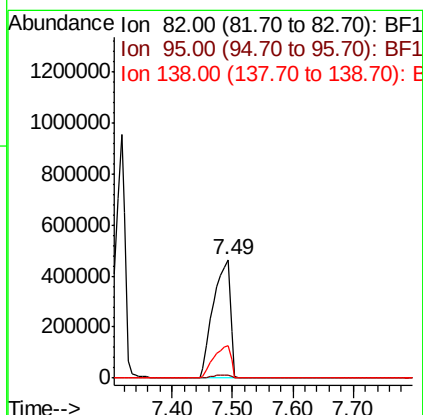
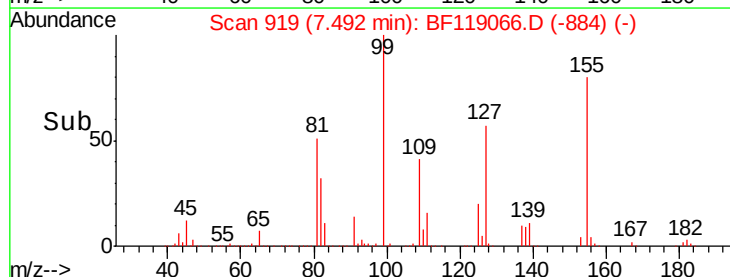
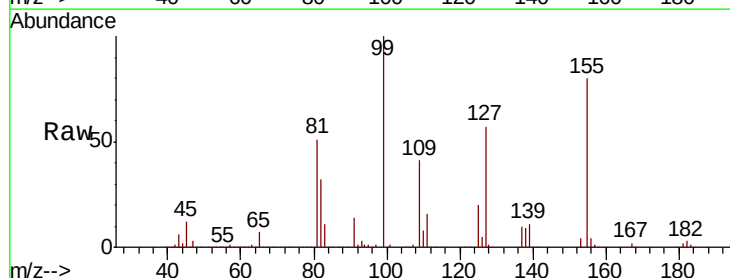
Instrument :
BNA_F
ClientSampleId :

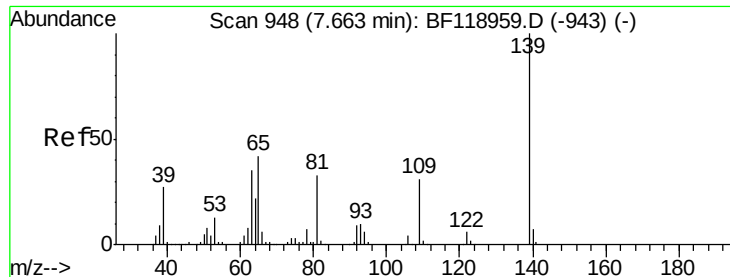
Tot Ion: 82 Resp: 1074686
Ion Ratio Lower Upper
82 100
128 46.5 38.2 57.2
54 40.6 31.3 46.9



#25
Isophorone
Concen: 40.650 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.09 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Tgt Ion: 82 Resp: 909077
Ion Ratio Lower Upper
82 100
95 2.6 6.1 9.1#
138 27.8 15.8 23.6#





#26

2-Nitrophenol

Concen: 44.691 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.17 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_F

ClientSampleId :

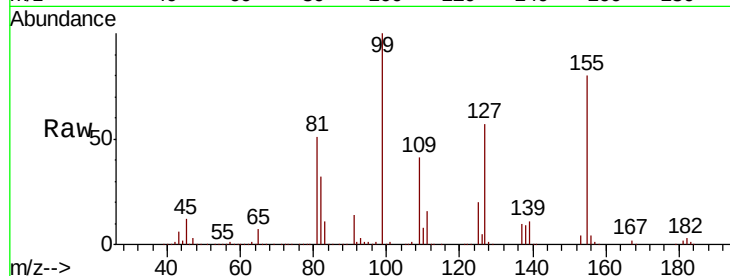
Tot Ion:139 Resp: 301531

Ion Ratio Lower Upper

139 100

109 383.1 24.6 36.8#

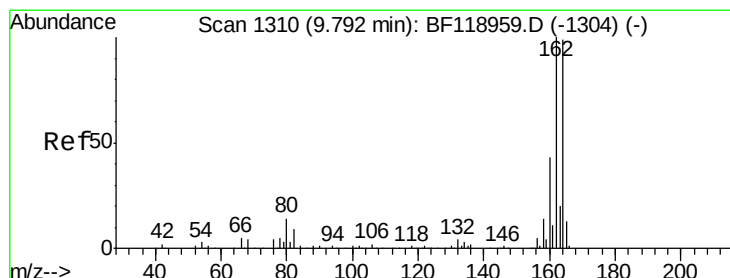
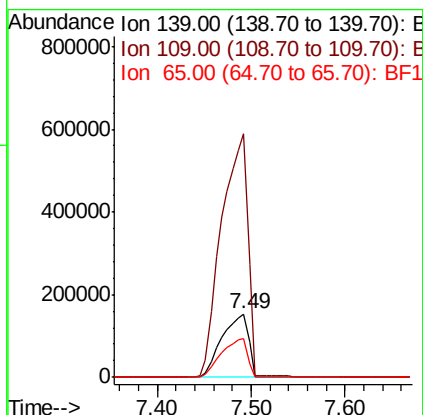
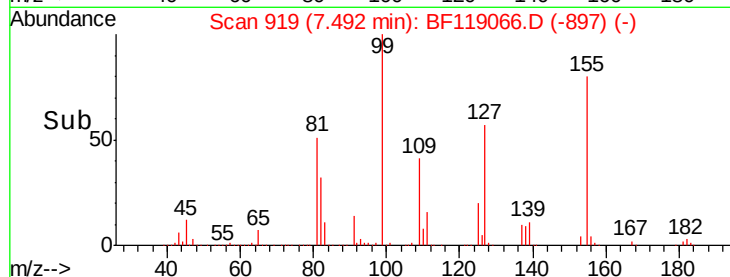
65 61.9 33.6 50.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

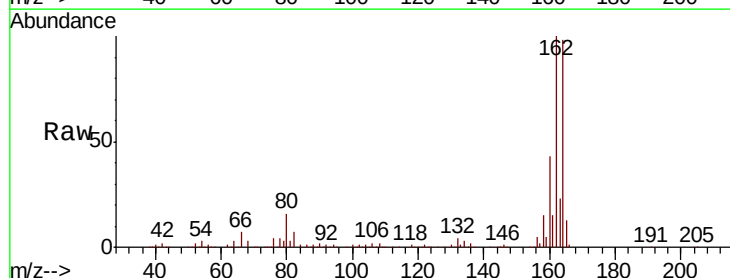
Tgt Ion:164 Resp: 377879

Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

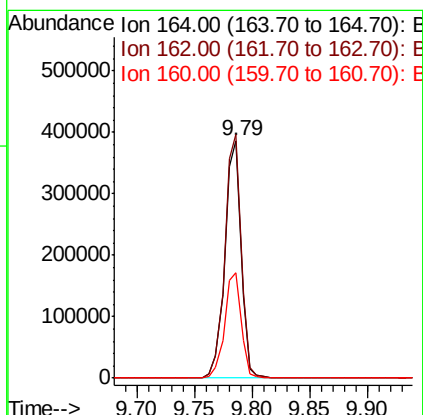
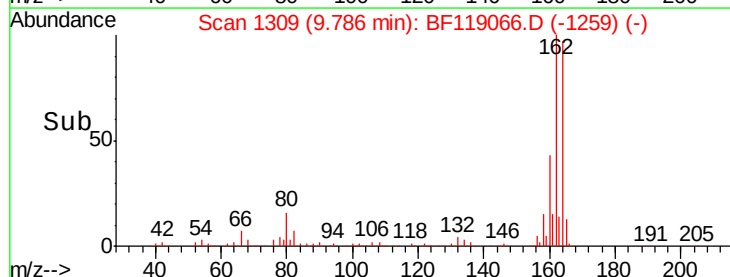
160 44.5 35.2 52.8

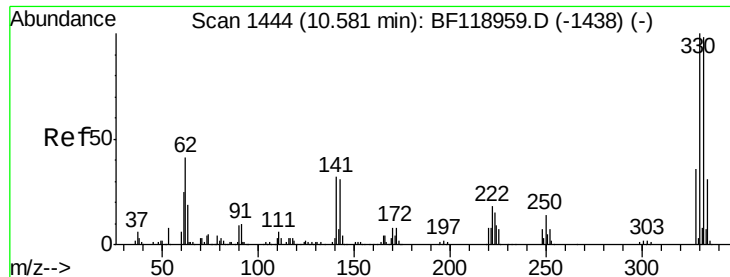


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 129.502 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF119066.D

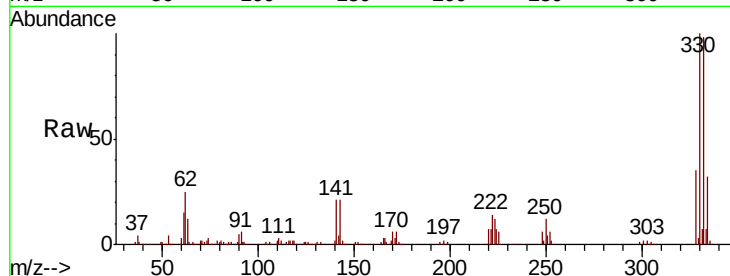
Acq: 25 Feb 2020 15:50

Instrument :

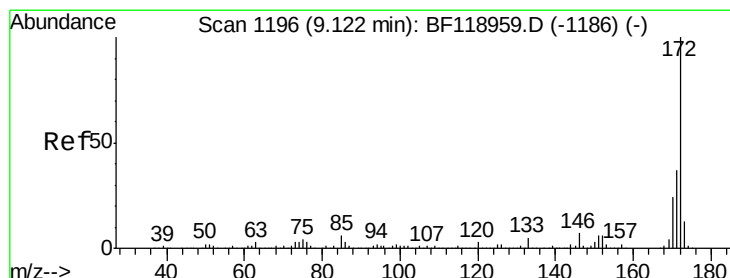
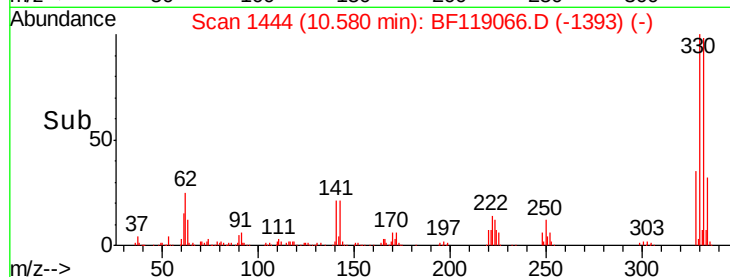
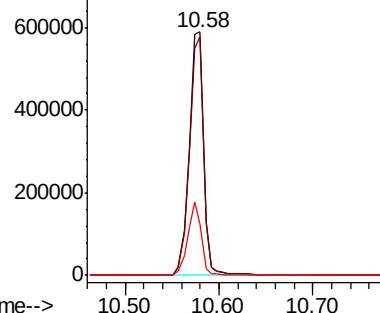
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	640165
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	28.3	23.0	34.6



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: 81.736 ng

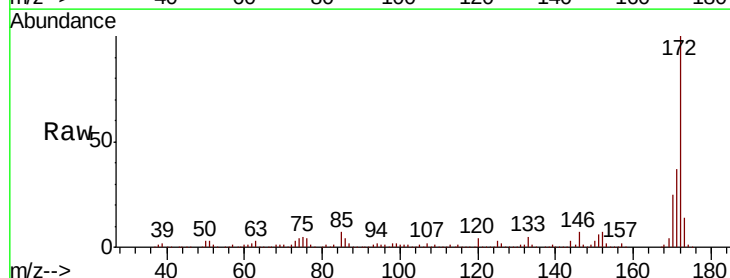
RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

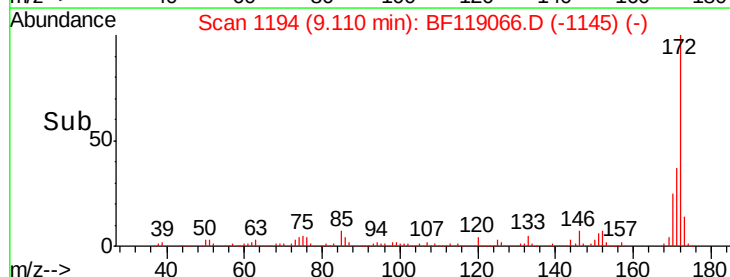
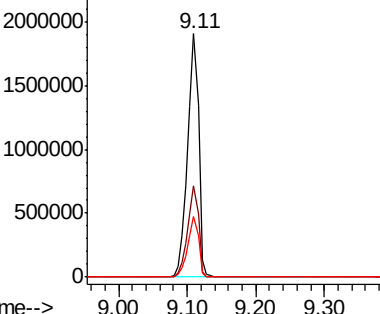
Lab File: BF119066.D

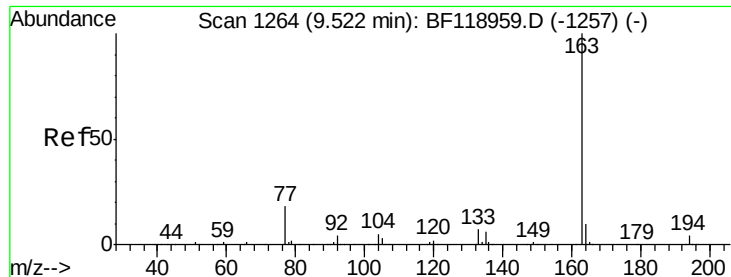
Acq: 25 Feb 2020 15:50

Tgt Ion:	172	Resp:	2096574
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.0	19.6	29.4



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

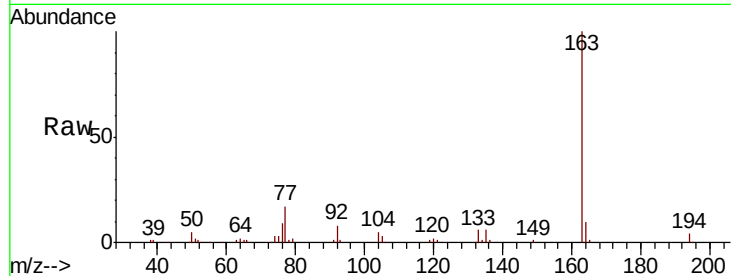




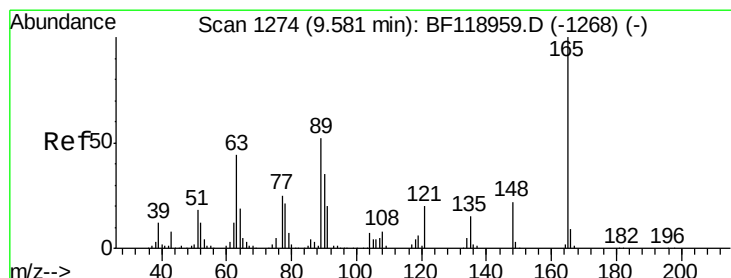
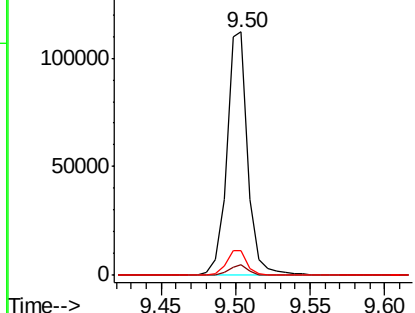
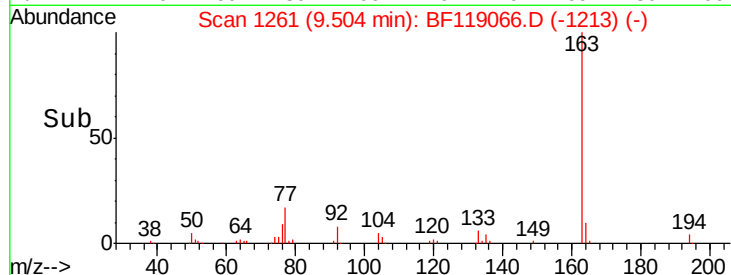
#50
Dimethylphthalate
Concen: 3.855 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.2

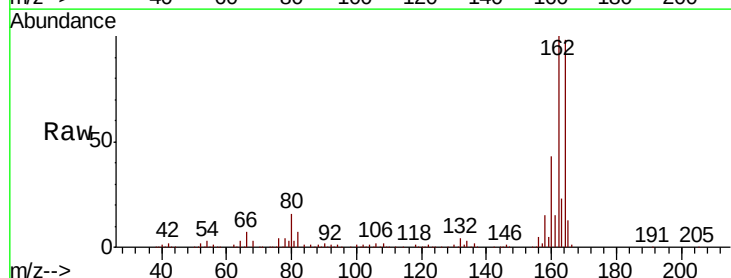


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

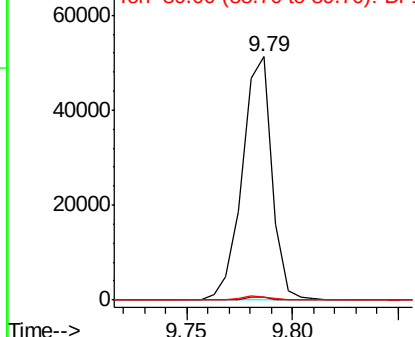
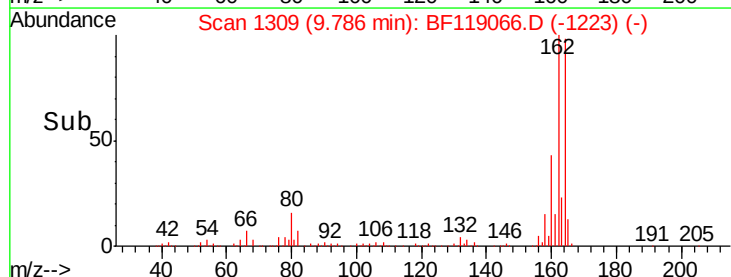


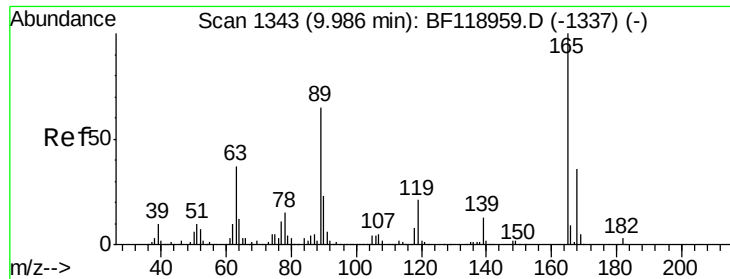
#51
2,6-Dinitrotoluene
Concen: 7.759 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119066.D
Acq: 25 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.9	56.9#
89	1.4	41.4	62.0#



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

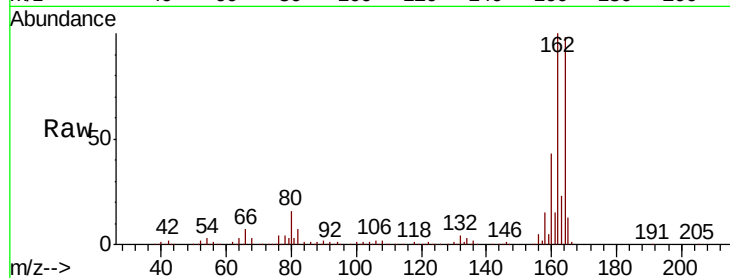




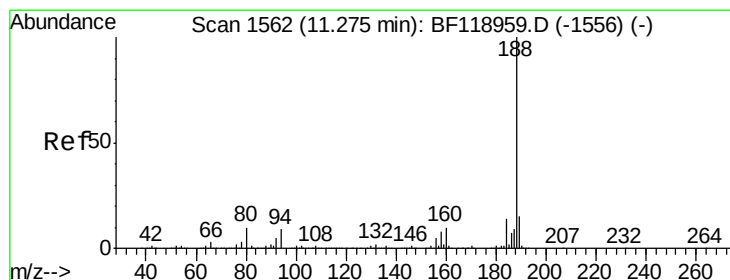
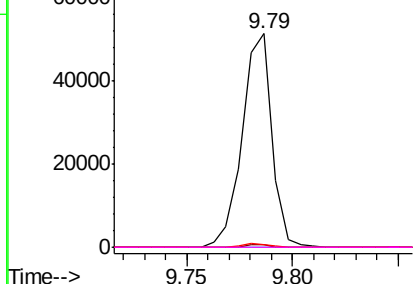
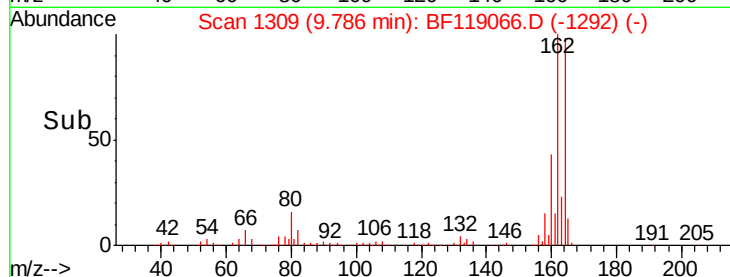
#57
 2,4-Dinitrotoluene
 Concen: 5.986 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119066.D
 Acq: 25 Feb 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.8#
89	1.4	51.9	77.9#
182	0.0	2.3	3.5#

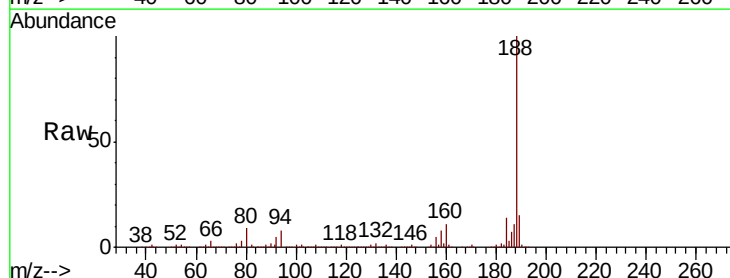


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

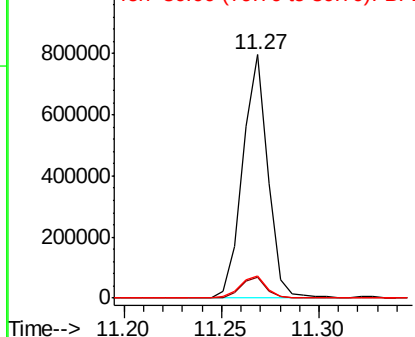
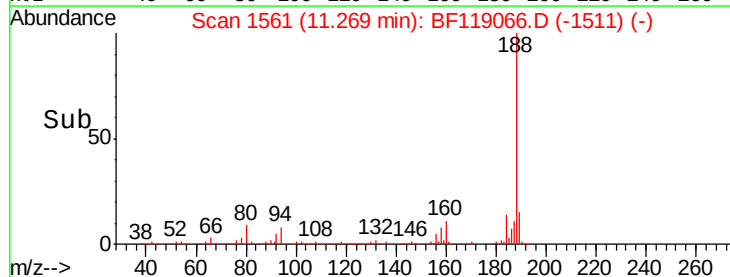


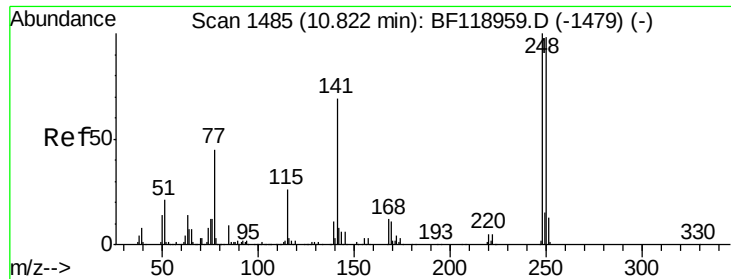
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119066.D
 Acq: 25 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.0	7.9	11.9



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

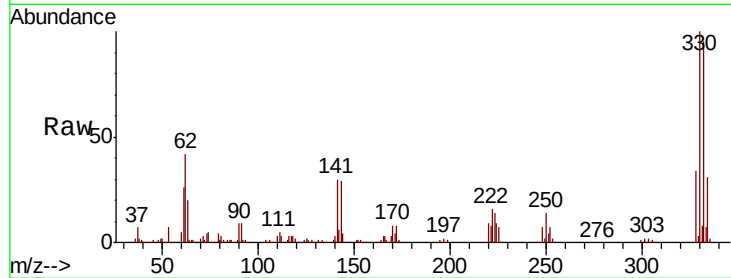




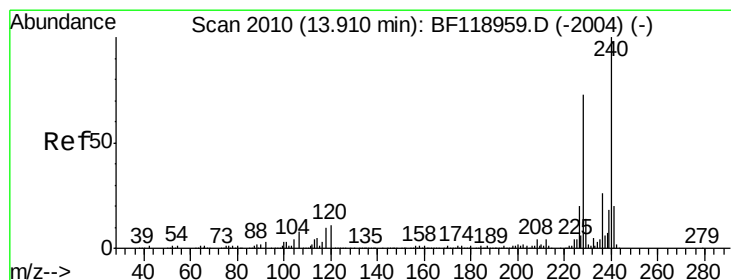
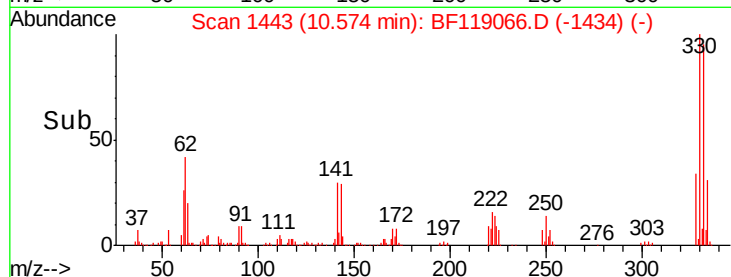
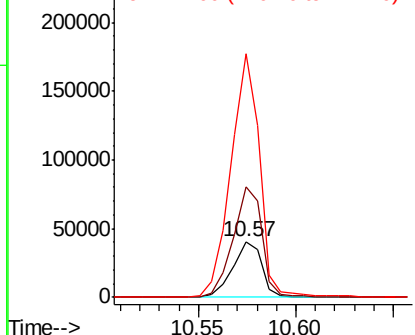
#67
 4-Bromophenyl-phenylether
 Concen: 4.493 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119066.D
 Acq: 25 Feb 2020 15:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 41935
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.8 118.2#
 141 436.3 55.3 82.9#

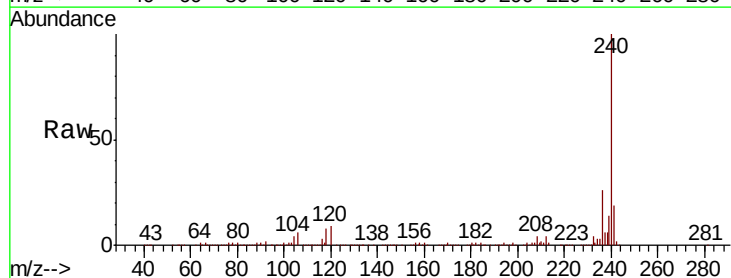


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

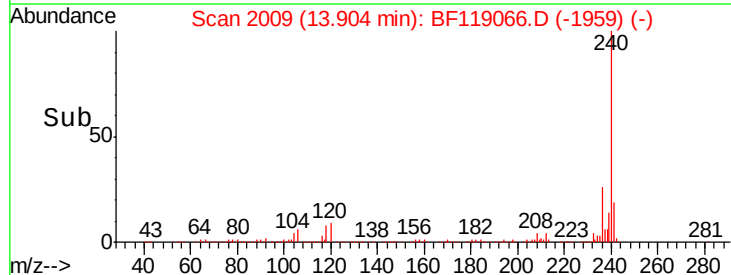
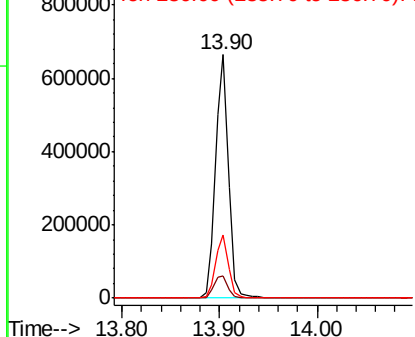


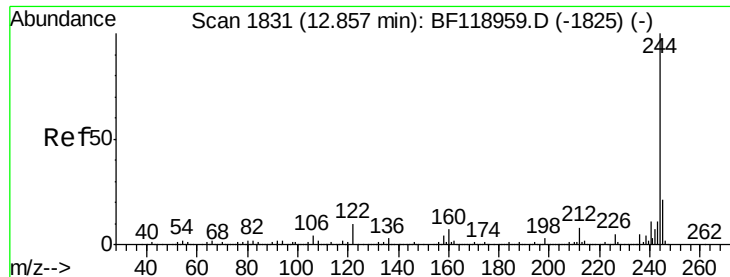
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119066.D
 Acq: 25 Feb 2020 15:50

Tgt Ion:240 Resp: 608297
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.9 13.3
 236 26.1 20.6 30.8



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: 71.744 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_F

ClientSampleId :

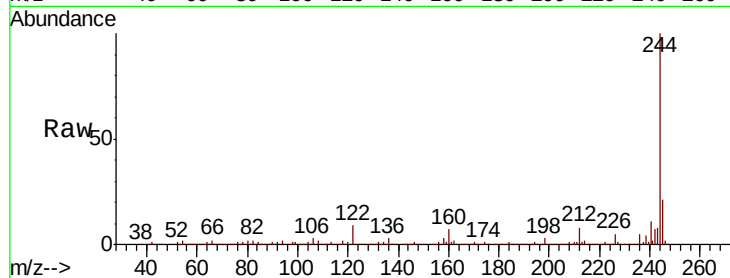
Tot Ion:244 Resp: 2534853

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.2	8.4	12.6

244 100

212 7.9 6.3 9.5

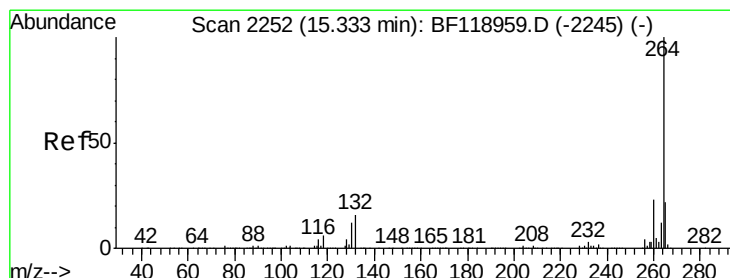
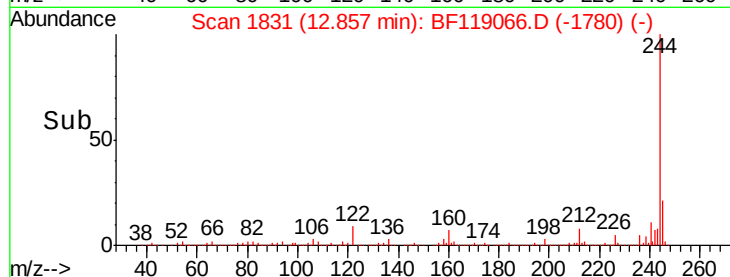
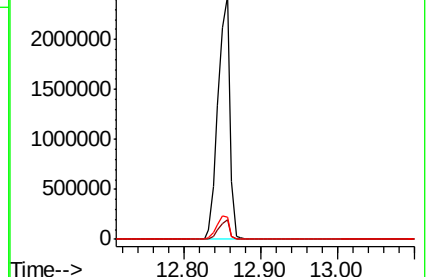
122 9.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119066.D

Acq: 25 Feb 2020 15:50

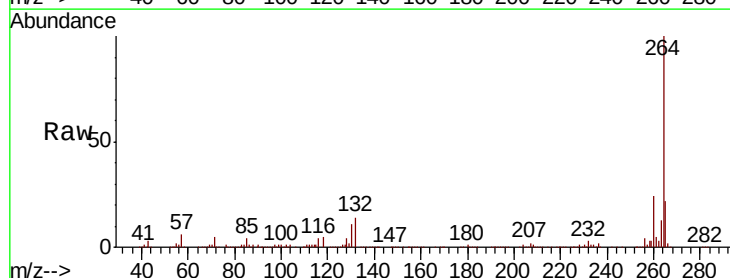
Tgt Ion:264 Resp: 533145

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.8	17.3	25.9

264 100

260 23.6 18.6 28.0

265 21.8 17.3 25.9



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

