

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112971.D
 Acq On : 11 Mar 2019 22:50
 Operator : JU/SJ
 Sample : K1689-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-030819

Quant Time: Mar 12 04:43:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

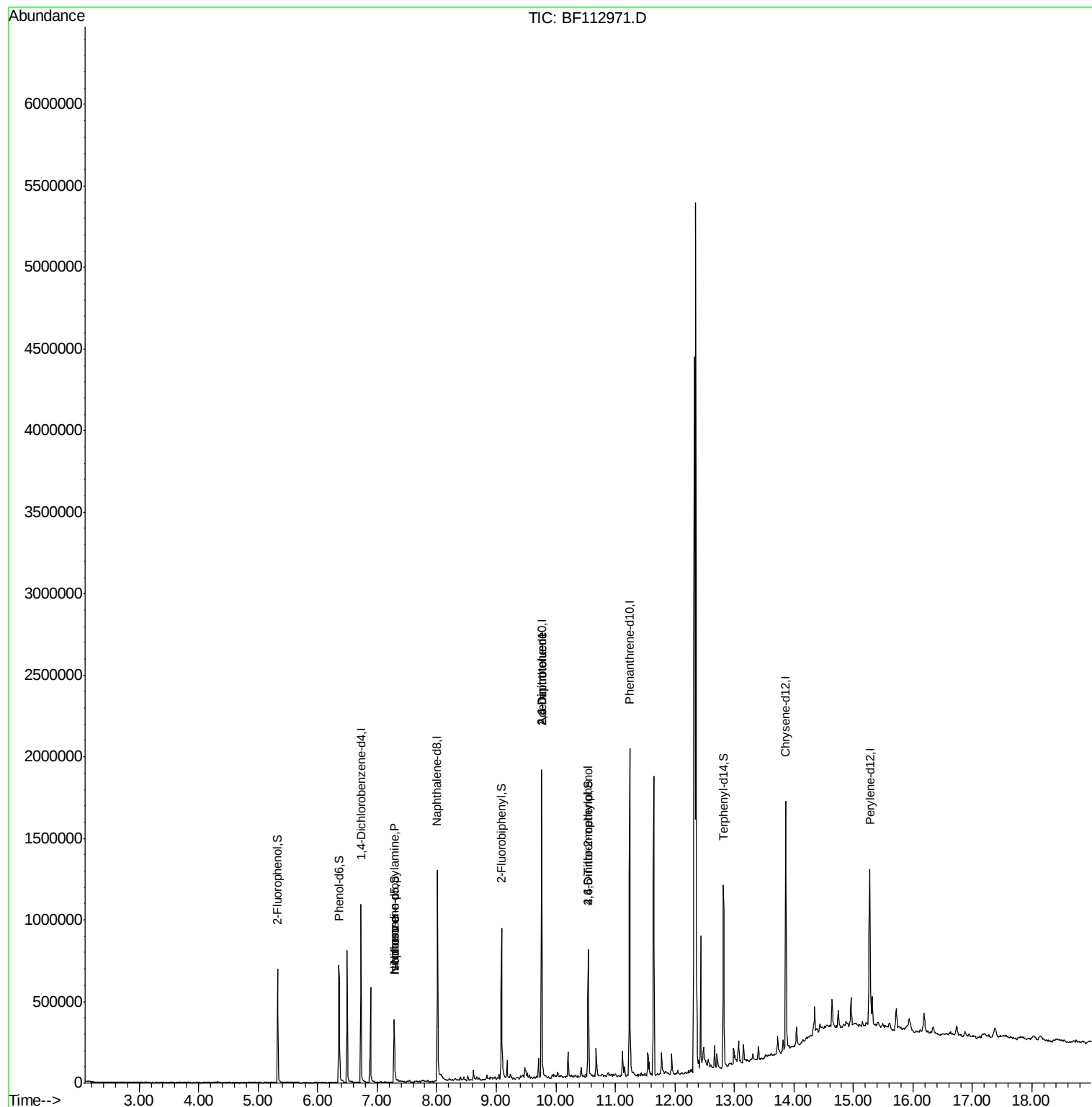
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162413	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	620617	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	374838	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	787204	20.00	ng	0.00
76) Chrysene-d12	13.86	240	562714	20.00	ng	-0.01
87) Perylene-d12	15.27	264	504478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	196898	18.86	ng	-0.02
7) Phenol-d6	6.36	99	269867	20.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	146098	14.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	102397	25.73	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	351177	11.49	ng	-0.01
79) Terphenyl-d14	12.82	244	398704	13.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	18931	2.279	ng	# 74
25) Isophorone	7.29	82	143456	6.420	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	49871	8.665	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	50007	6.990	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	130	4.649	ng	# 1

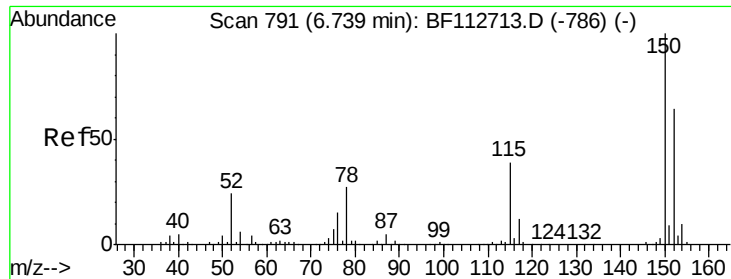
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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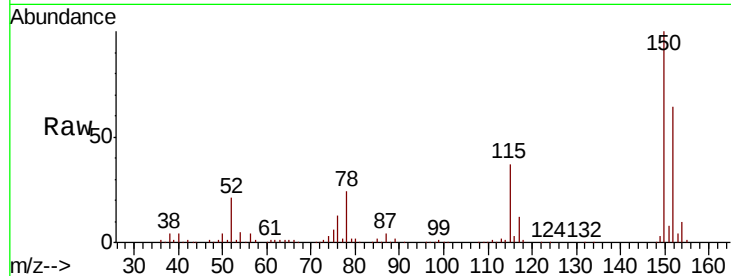


#1

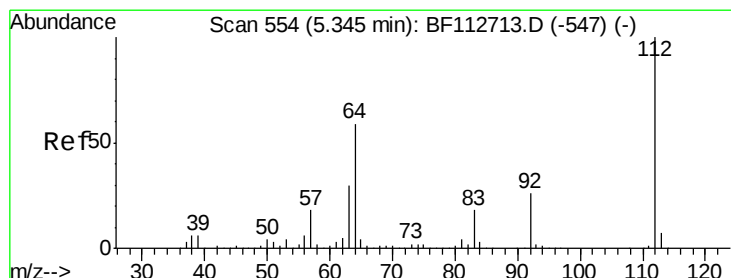
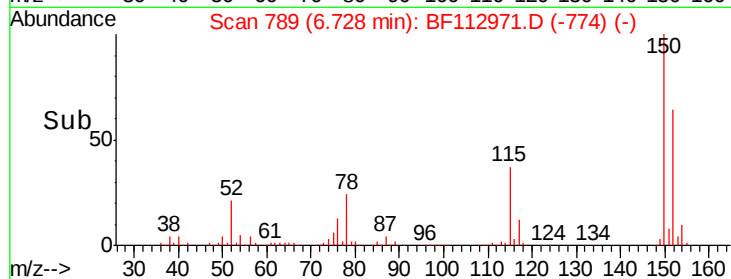
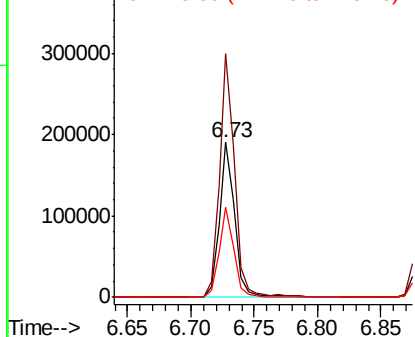
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:152 Resp: 162413
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 57.7 48.2 72.4



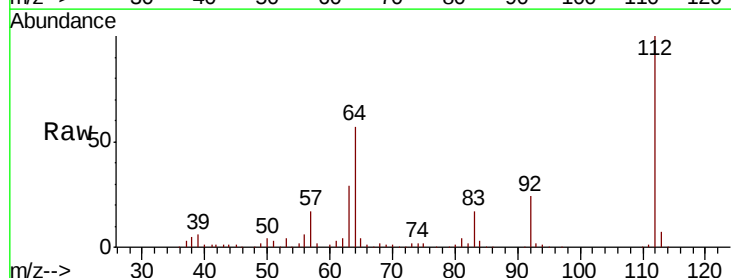
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



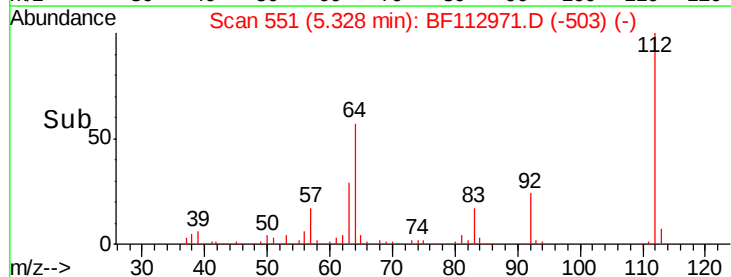
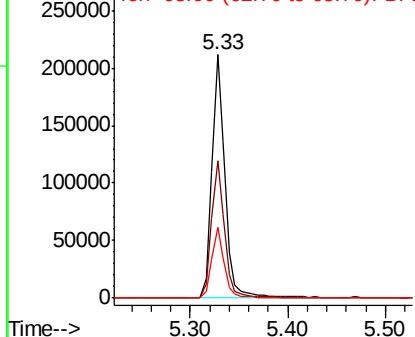
#5

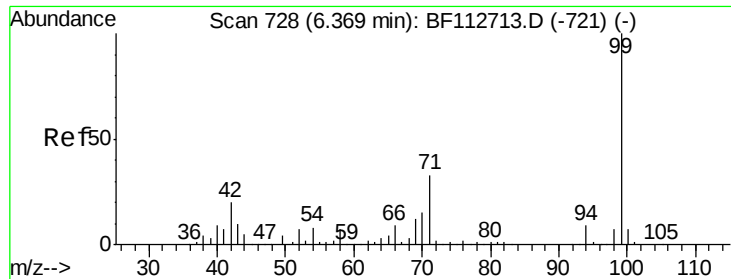
2-Fluorophenol
Concen: 18.858 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Tgt Ion:112 Resp: 196898
Ion Ratio Lower Upper
112 100
64 56.6 47.6 71.4
63 28.9 24.4 36.6



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: 20.576 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112971.D

Acq: 11 Mar 2019 22:50

Instrument :

BNA_F

ClientSampleId :

NB-07-030819

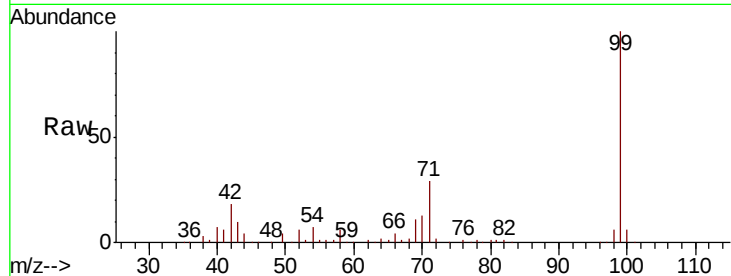
Tgt Ion: 99 Resp: 269867

Ion Ratio Lower Upper

99 100

42 17.8 16.3 24.5

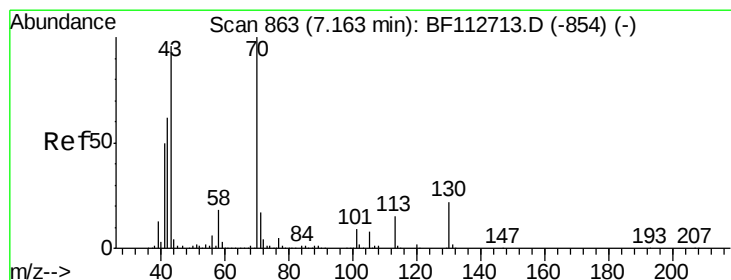
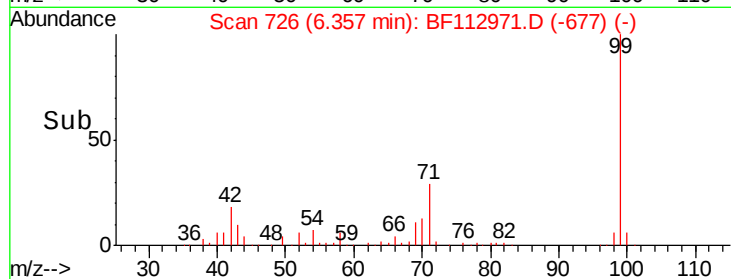
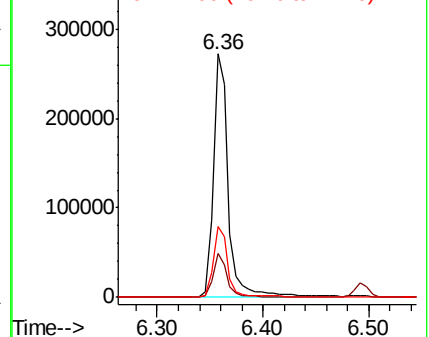
71 29.3 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.279 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112971.D

Acq: 11 Mar 2019 22:50

Tgt Ion: 70 Resp: 18931

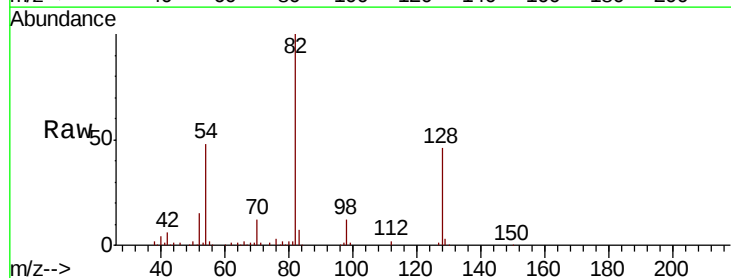
Ion Ratio Lower Upper

70 100

42 46.1 49.9 74.9#

101 0.0 7.4 11.2#

130 2.6 17.4 26.2#

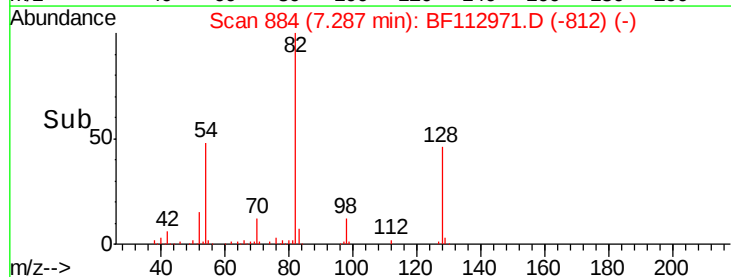
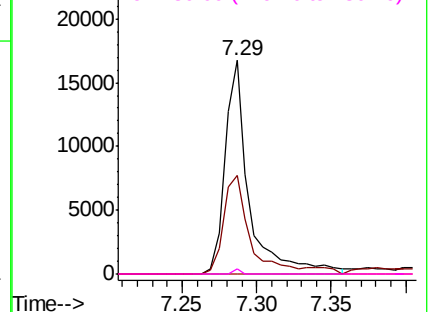


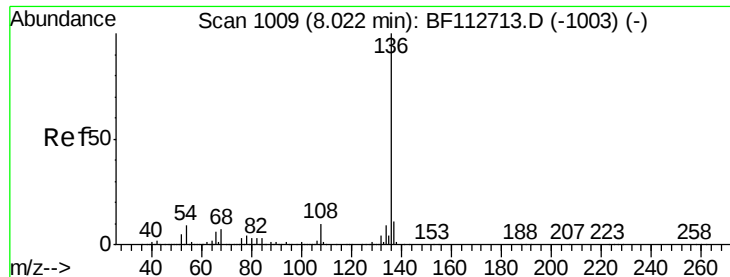
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

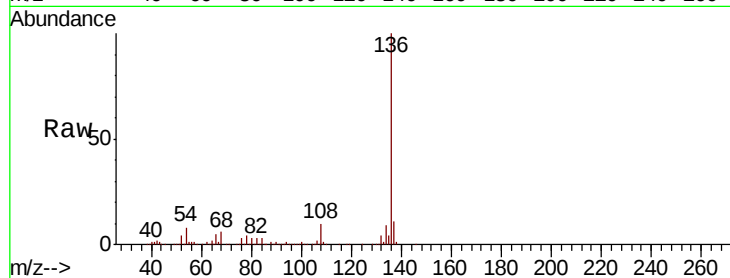




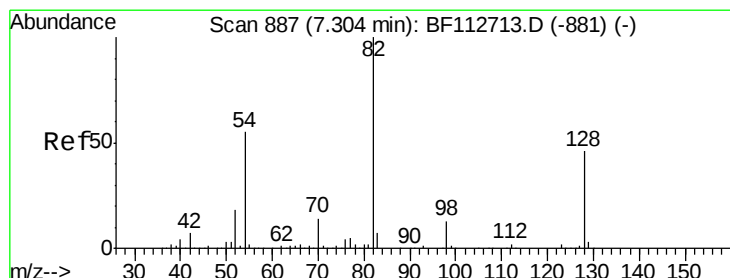
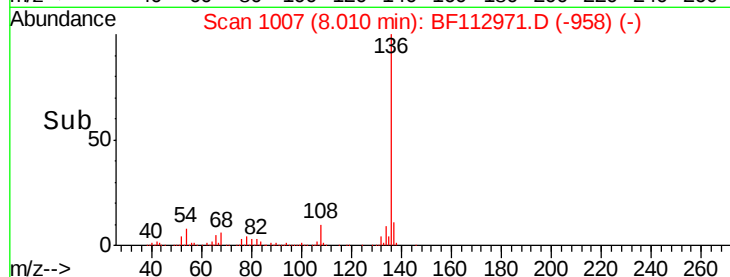
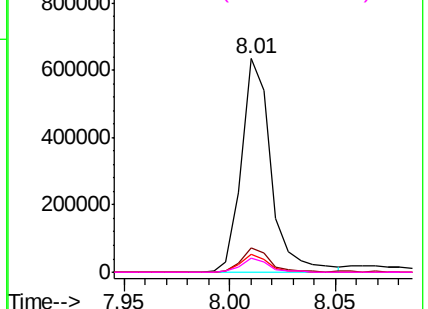
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:	136	Resp:	620617
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.3	10.9
68	6.4	5.4	8.2

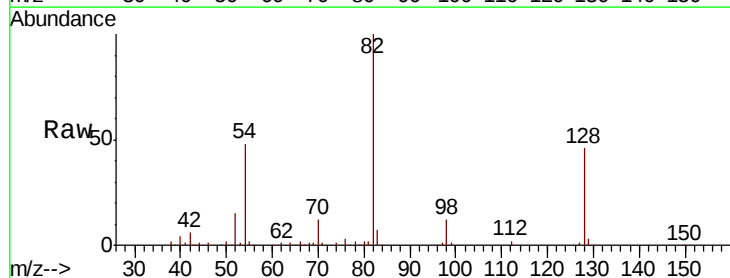


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

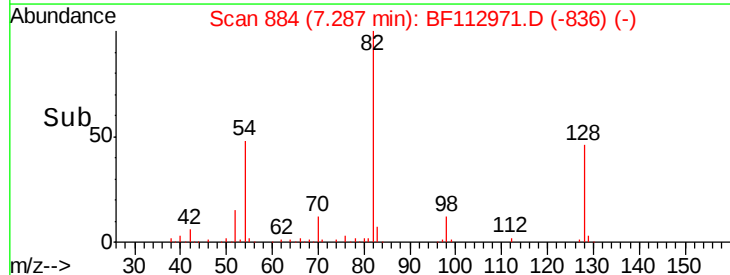
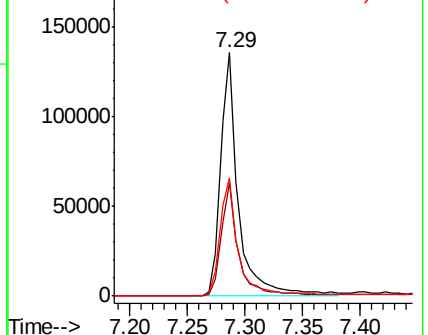


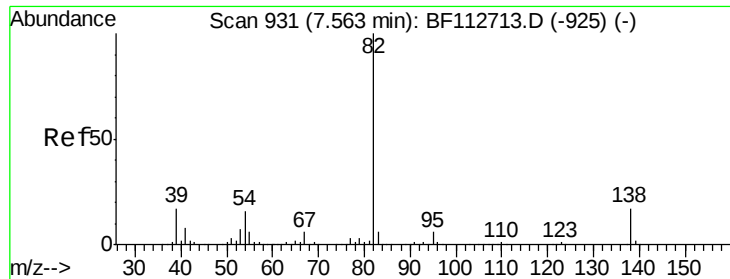
#23
Nitrobenzene-d5
Concen: 14.086 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Tgt Ion:	82	Resp:	146098
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	48.4	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

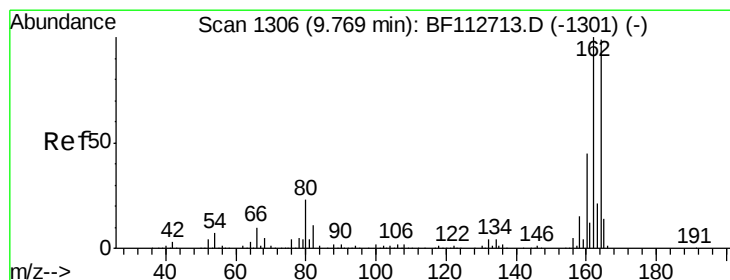
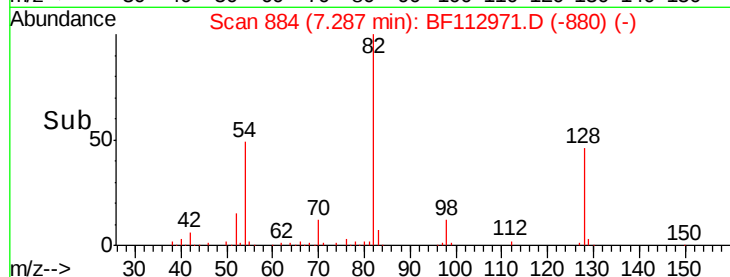
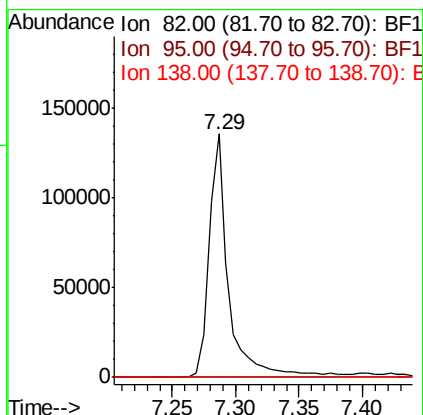
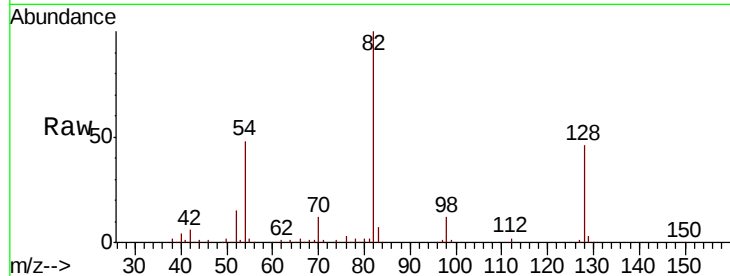




#25
Isophorone
Concen: 6.420 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

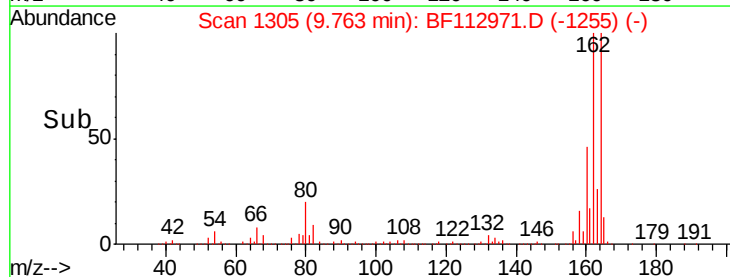
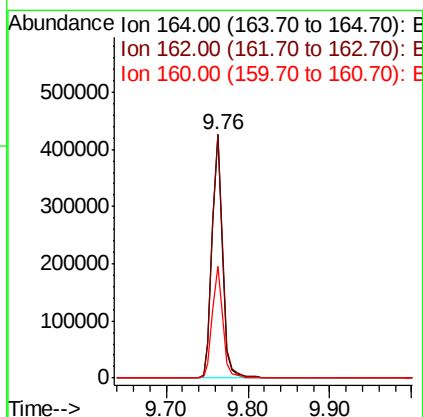
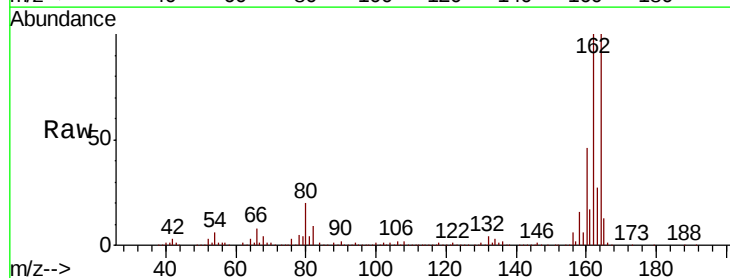
Instrument :
BNA_F
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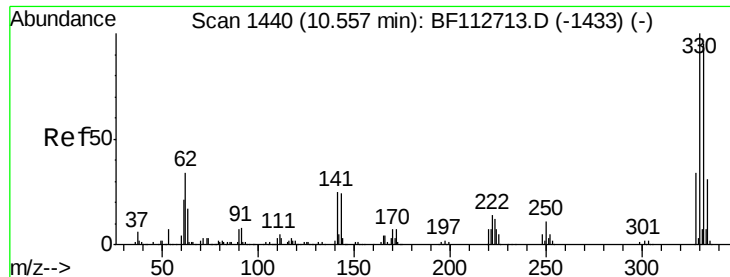
Tgt Ion: 82 Resp: 143456
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Tgt Ion: 164 Resp: 374838
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 45.7 36.0 54.0

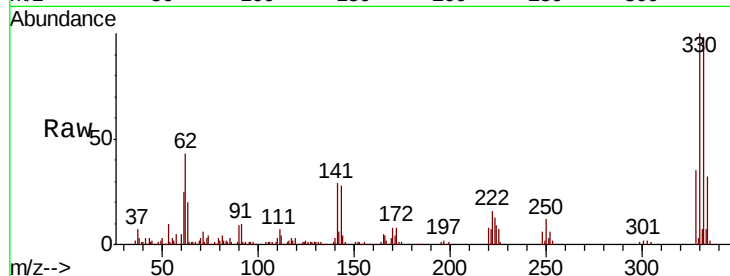




#42
 2,4,6-Tribromophenol
 Concen: 25.732 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112971.D
 Acq: 11 Mar 2019 22:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-030819

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.2	114.4
141	29.7	27.0	40.6

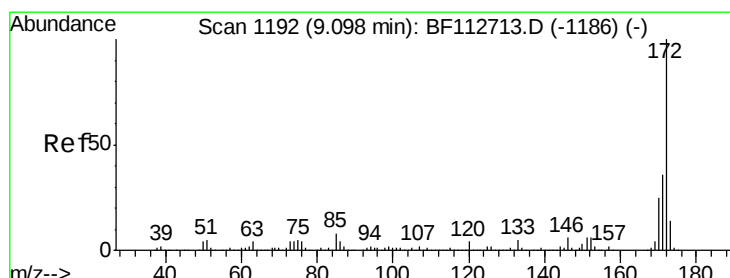
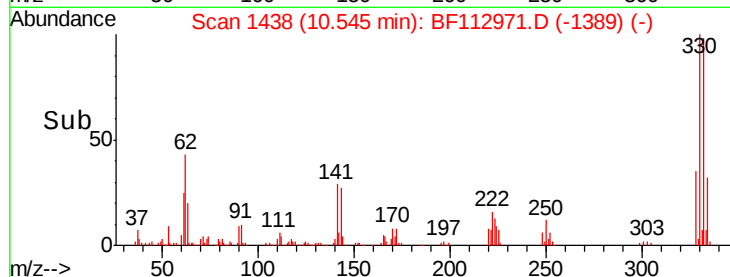
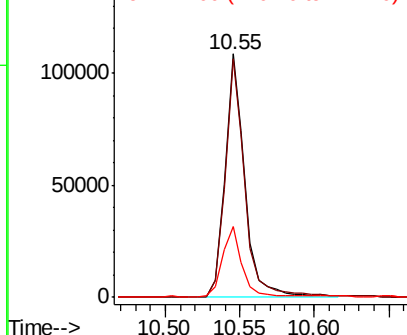


Abundance

Ion 329.80 (329.50 to 330.50): E

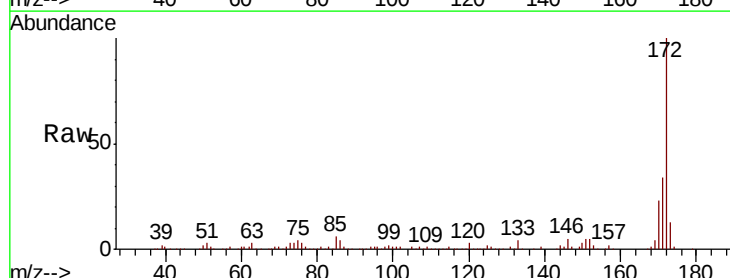
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.488 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112971.D
 Acq: 11 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	23.5	20.0	30.0

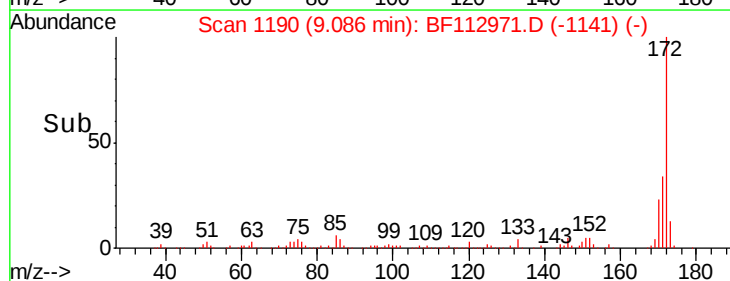
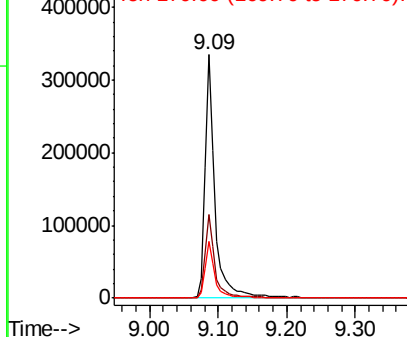


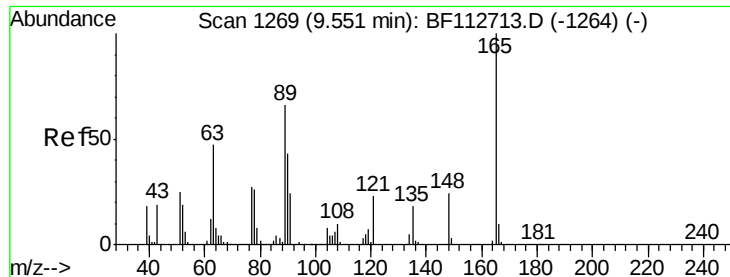
Abundance

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

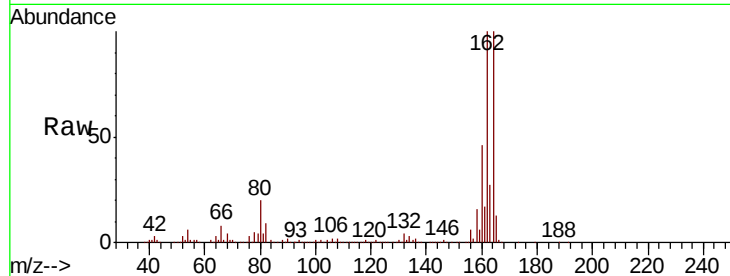




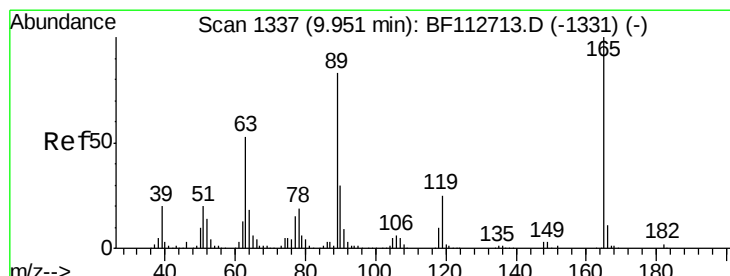
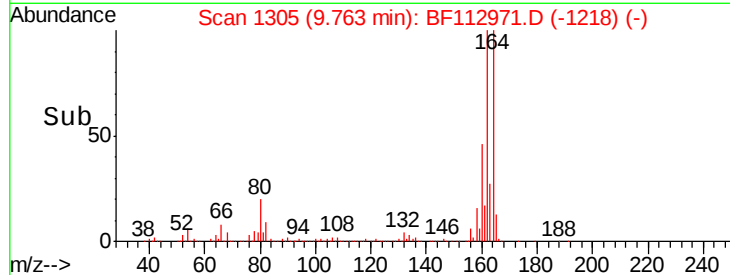
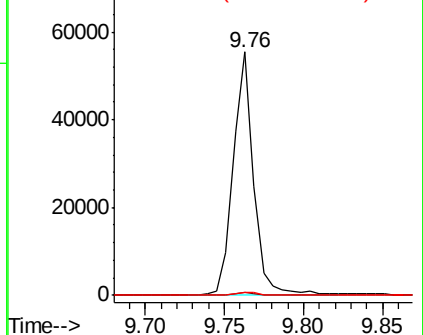
#51
 2,6-Dinitrotoluene
 Concen: 8.665 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF112971.D
 Acq: 11 Mar 2019 22:50

Instrument :
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 NB-07-030819

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.4	52.8	79.2#



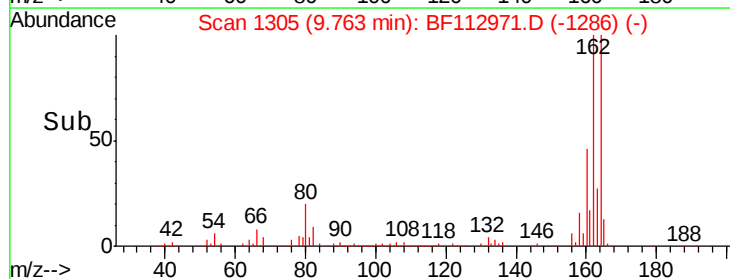
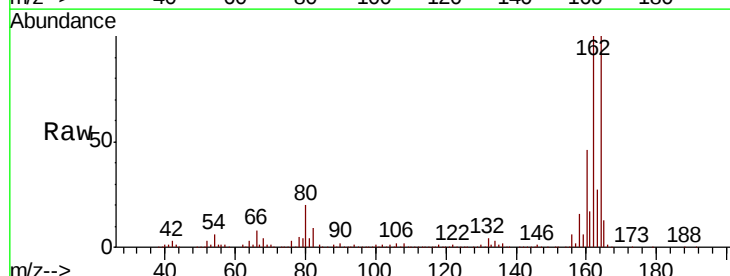
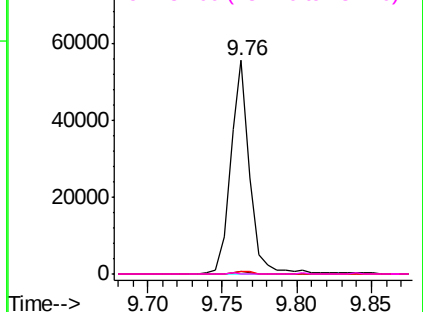
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

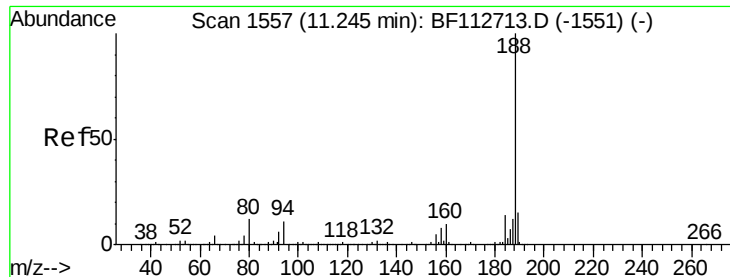


#57
 2,4-Dinitrotoluene
 Concen: 6.990 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112971.D
 Acq: 11 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

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

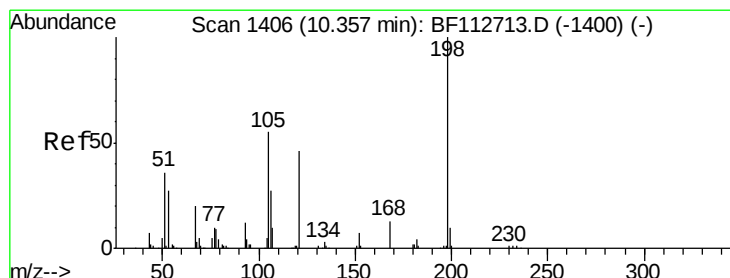
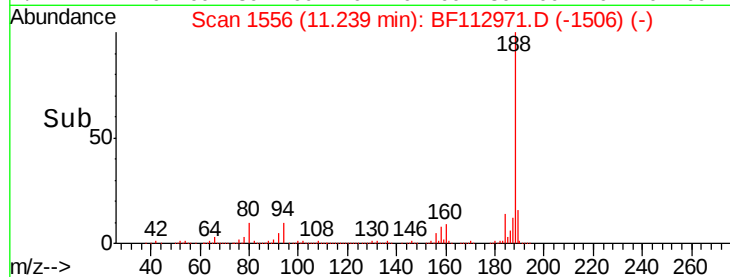
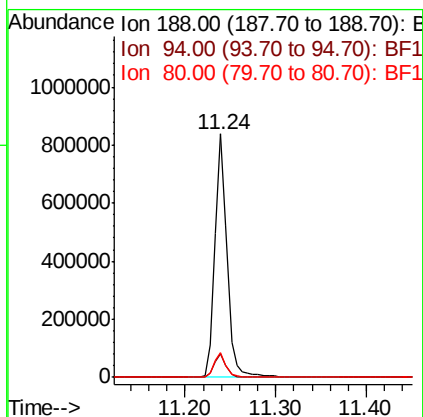
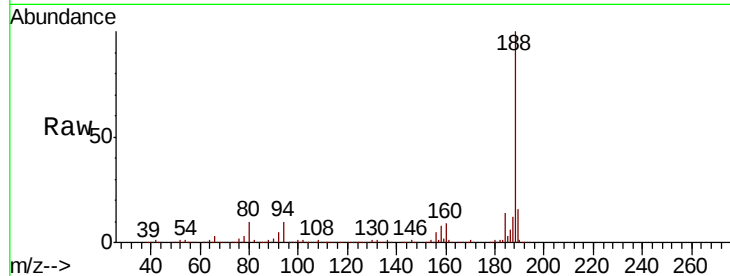




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

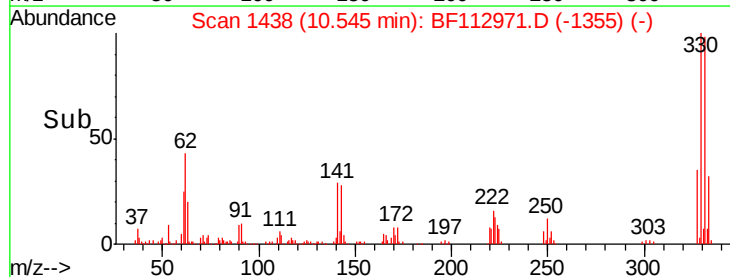
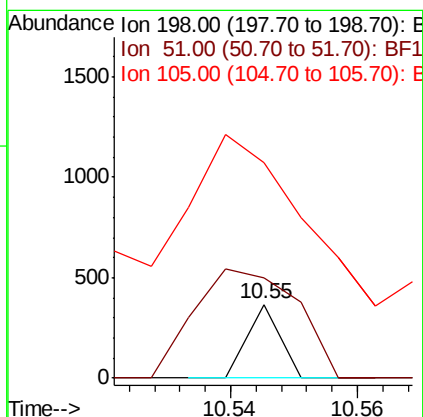
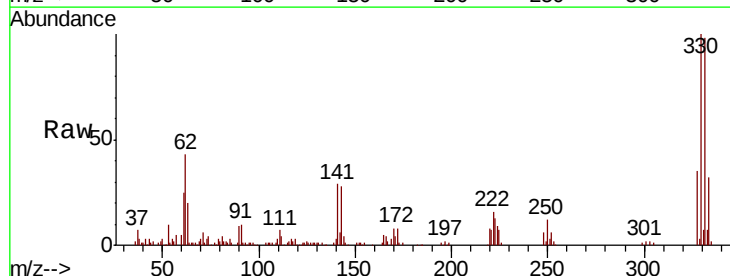
Instrument :
BNA_F
ClientSampleId :
NB-07-030819

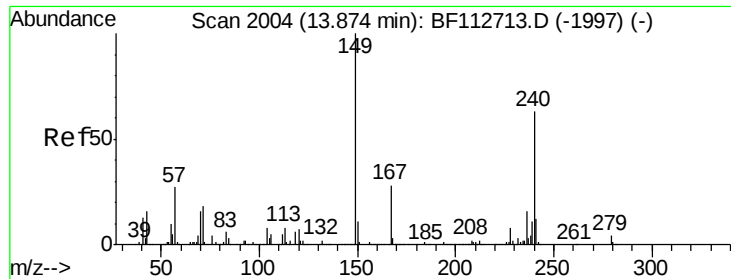
Tgt Ion:188 Resp: 787204
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.1 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Tgt Ion:198 Resp: 130
Ion Ratio Lower Upper
198 100
51 135.1 43.8 83.8#
105 290.8 36.5 76.5#

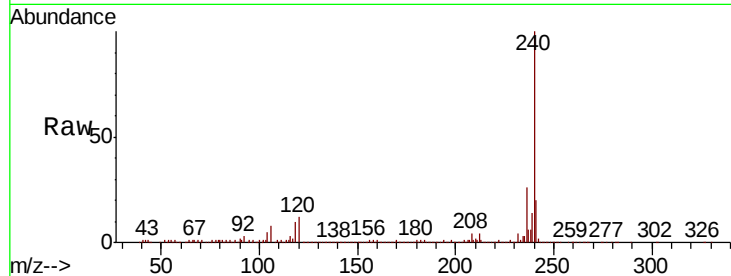




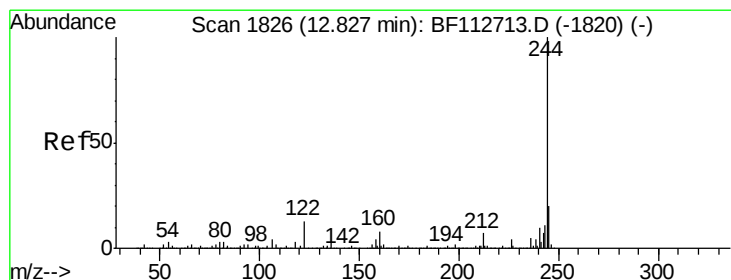
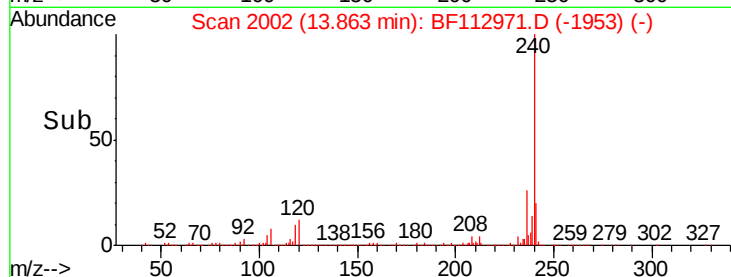
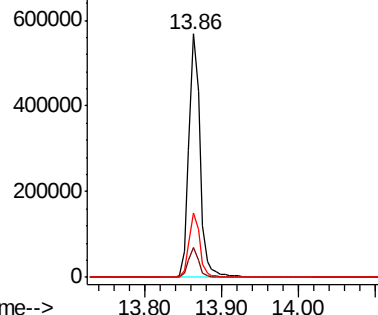
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:240 Resp: 562714
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.4 20.7 31.1

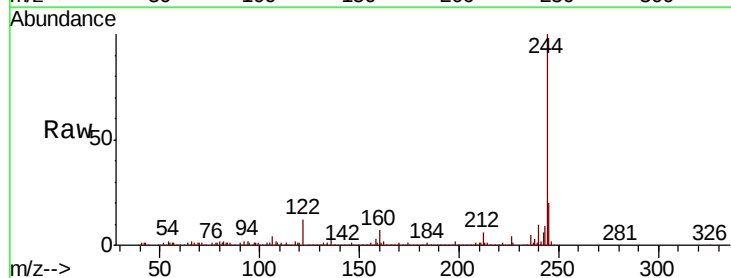


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

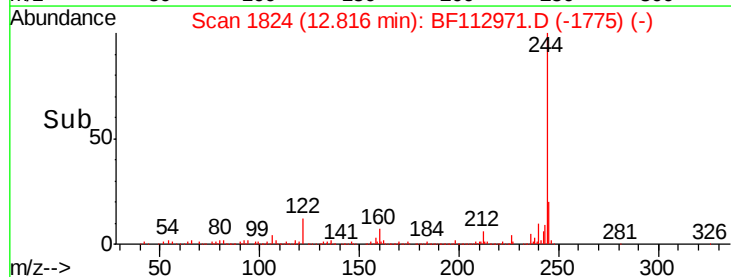
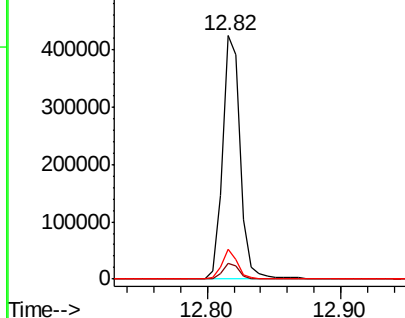


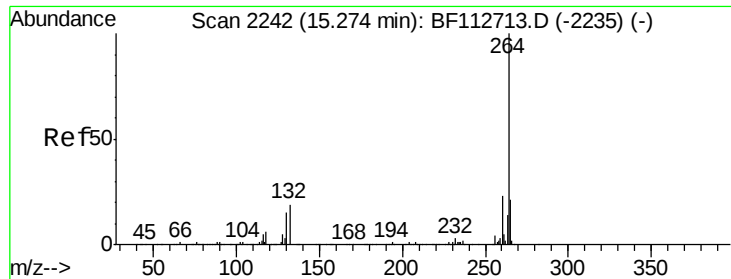
#79
Terphenyl-d14
Concen: 13.735 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Tgt Ion:244 Resp: 398704
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 12.3 10.5 15.7



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



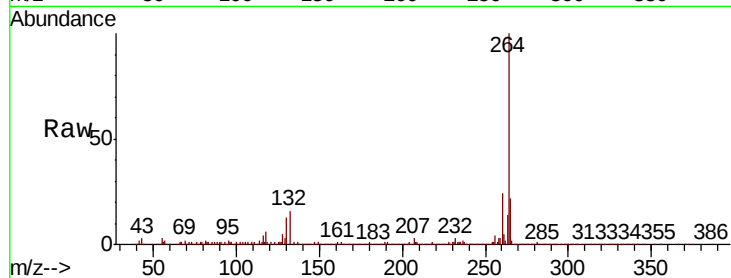


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112971.D
Acq: 11 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 264 Resp: 504478

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	17.2	25.8



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

