

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112702.D
 Acq On : 25 Feb 2019 19:40
 Operator : JU/SJ
 Sample : K1549-04 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-022019

Quant Time: Feb 26 00:08:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

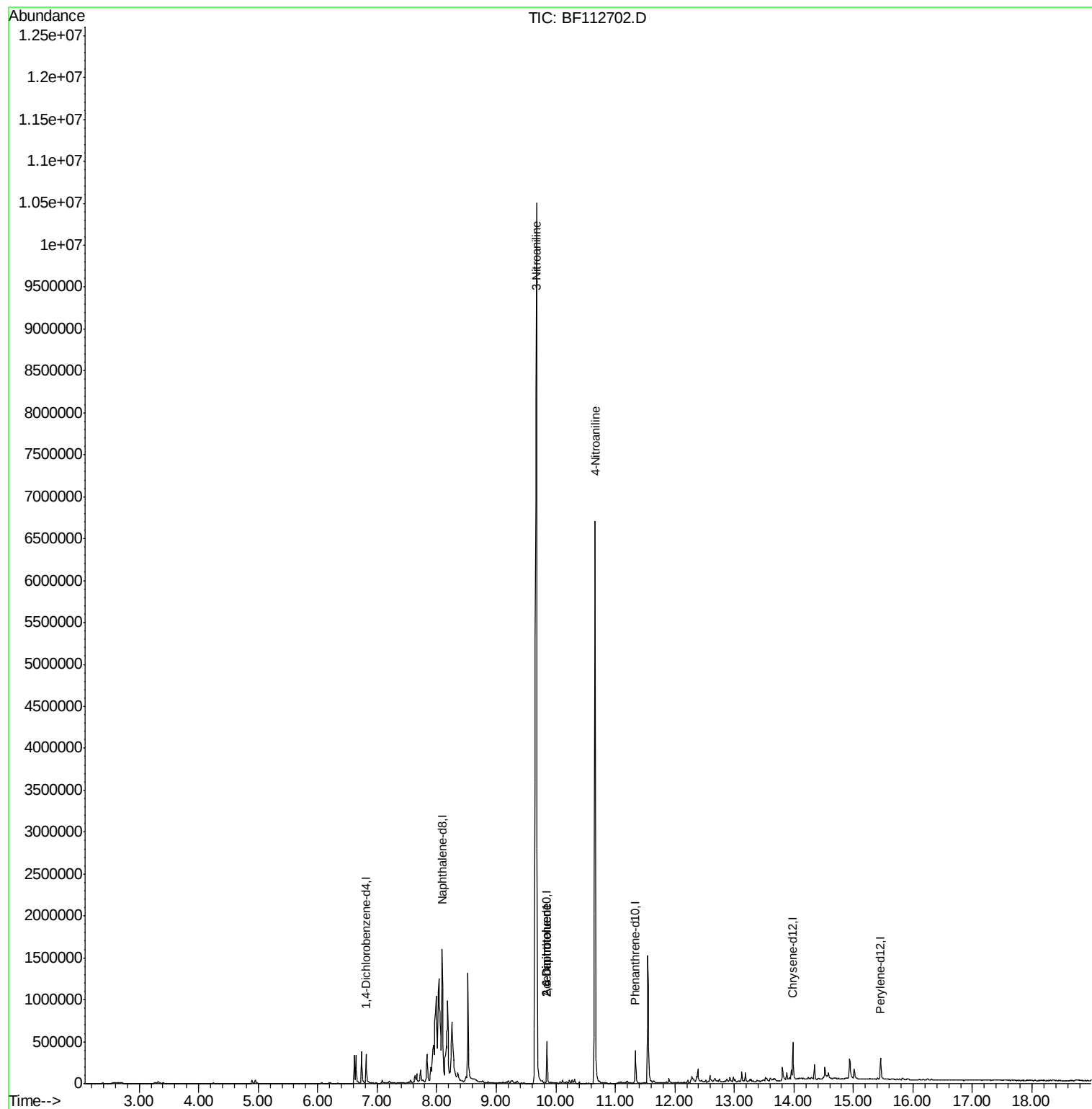
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58499	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	218205	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	88372	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	158725	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	162242	20.00	ng	-0.02
87) Perylene-d12	15.46	264	128378	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	531	0.19	ng	0.08
7) Phenol-d6	6.56	99	1520	0.40	ng	0.07
23) Nitrobenzene-d5	7.42	82	1161	0.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	466	0.45	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	4608	0.74	ng	-0.04
79) Terphenyl-d14	12.92	244	4835	0.56	ng	-0.04
Target Compounds						
51) 2,6-Dinitrotoluene	9.85	165	11311	7.356	ng	# 40
53) 3-Nitroaniline	9.68	138	4044	2.427	ng	# 21
57) 2,4-Dinitrotoluene	9.85	165	11311	5.778	ng	# 37
62) 4-Nitroaniline	10.66	138	5204	3.185	ng	# 26

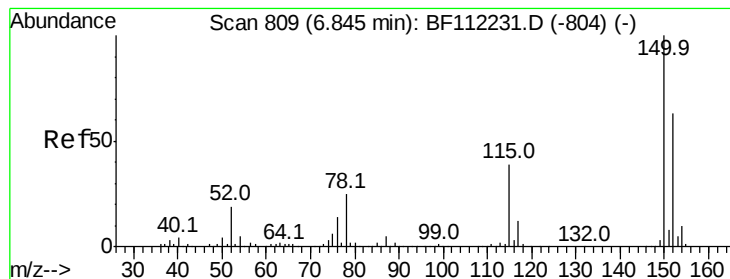
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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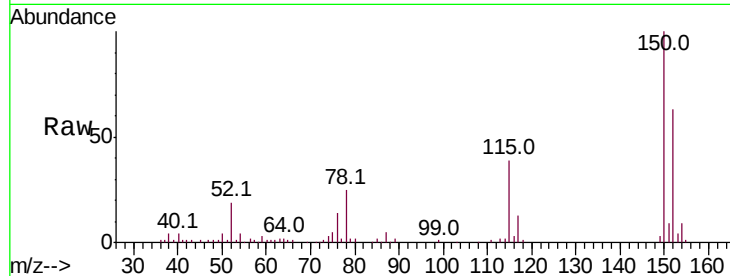


#1

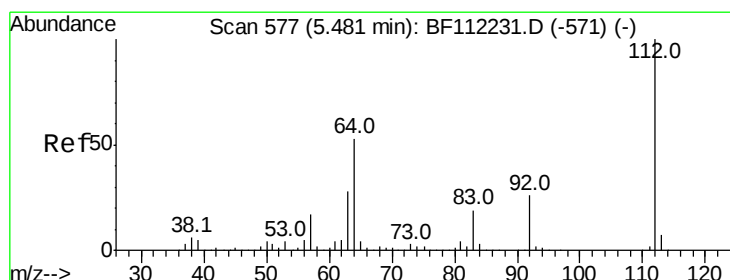
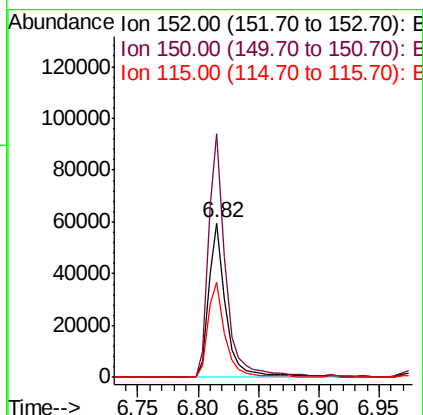
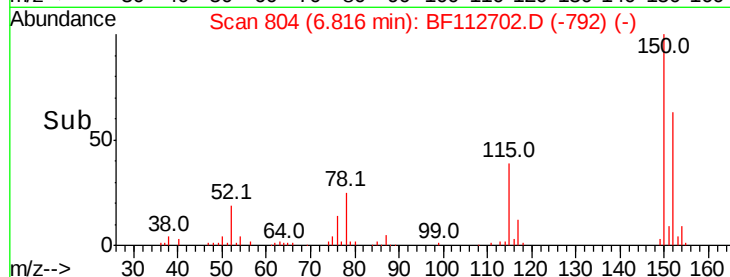
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
 NB-022019

Tot Ion:152 Resp: 58499
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.4 191.0
 115 61.5 45.5 68.3



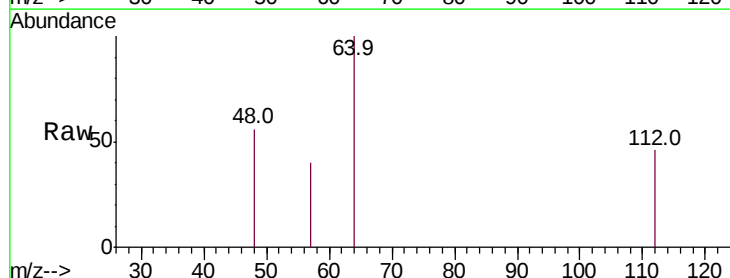
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



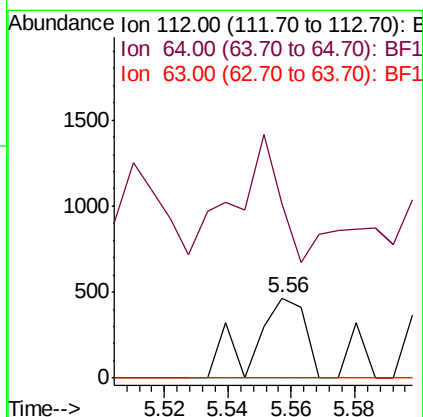
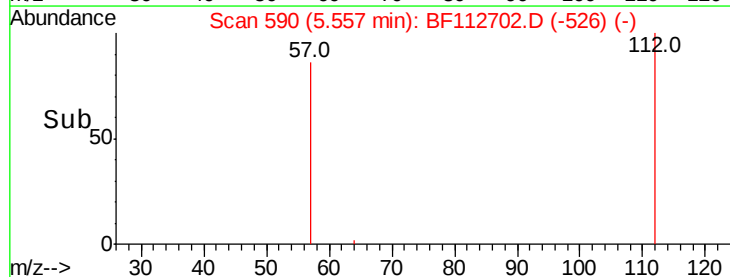
#5

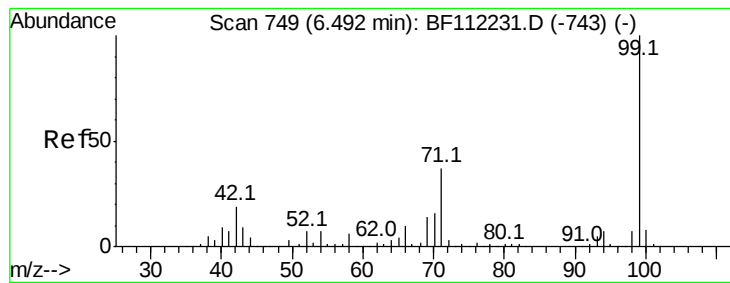
2-Fluorophenol
 Concen: 0.193 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.08 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Tgt Ion:112 Resp: 531
 Ion Ratio Lower Upper
 112 100
 64 218.0 45.7 68.5#
 63 0.0 23.6 35.4#



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: 0.397 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.07 min

Lab File: BF112702.D

Acq: 25 Feb 2019 19:40

Instrument :

BNA_F

ClientSampleId :

NB-022019

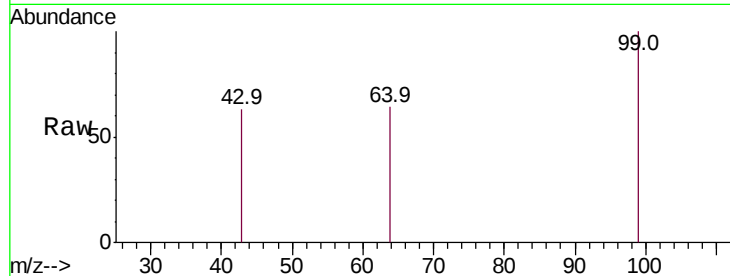
Tot Ion: 99 Resp: 1520

Ion Ratio Lower Upper

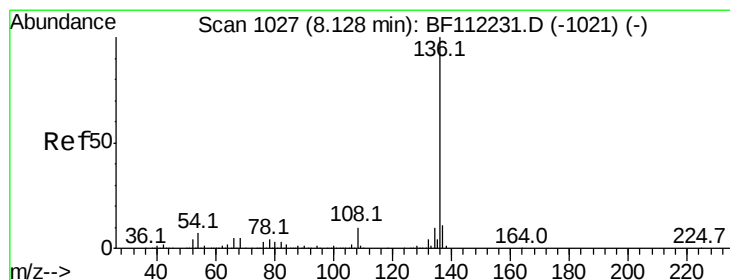
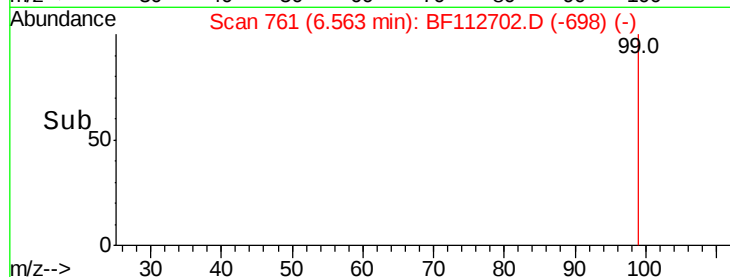
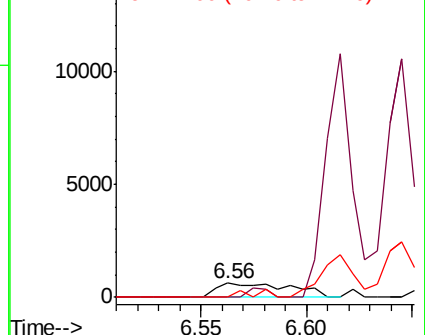
99 100

42 0.0 15.1 22.7#

71 0.0 26.9 40.3#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112702.D

Acq: 25 Feb 2019 19:40

Tgt Ion: 136 Resp: 218205

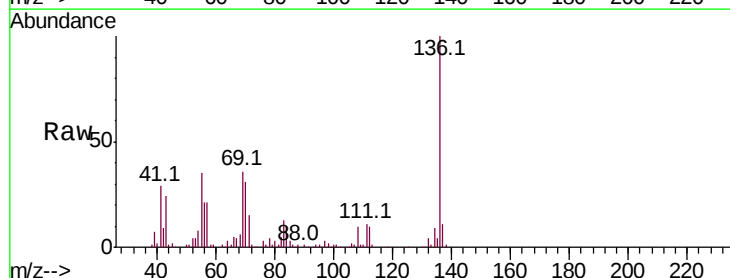
Ion Ratio Lower Upper

136 100

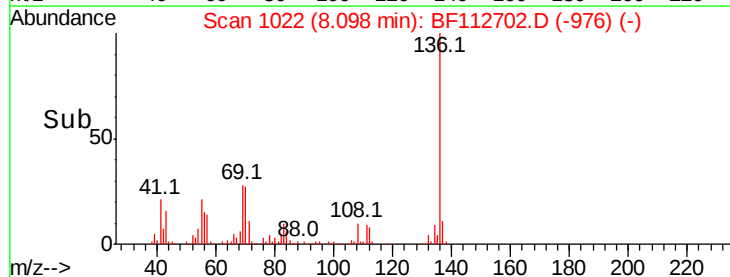
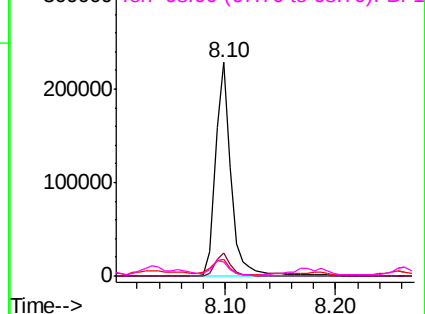
137 10.8 9.1 13.7

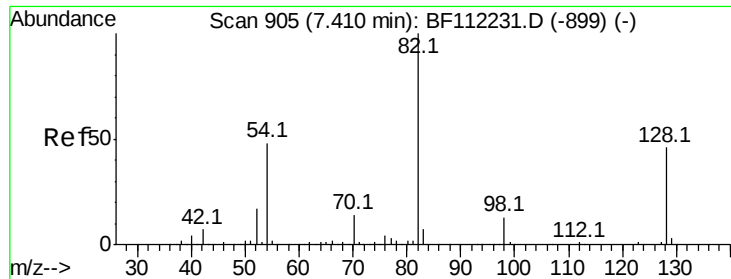
54 7.8 5.9 8.9

68 6.4 5.1 7.7



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

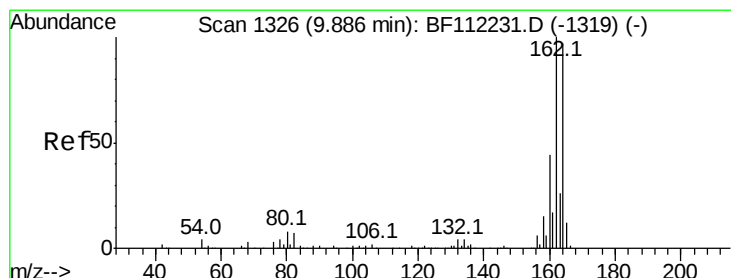
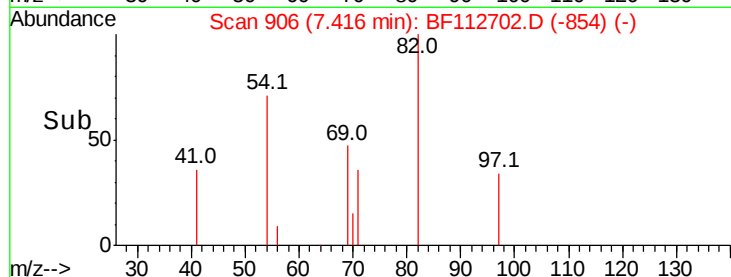
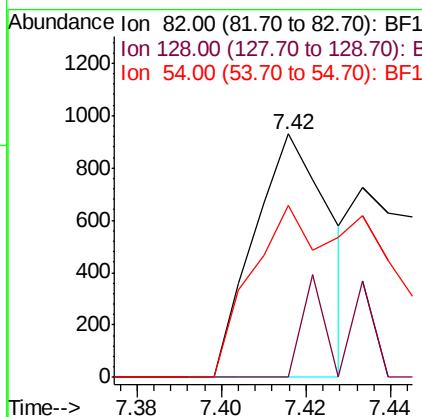
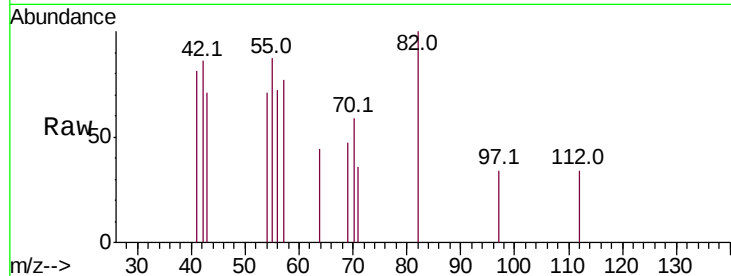




#23
Nitrobenzene-d5
Concen: 0.307 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF112702.D
Acq: 25 Feb 2019 19:40

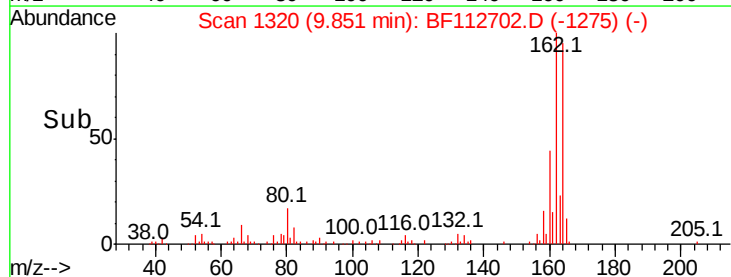
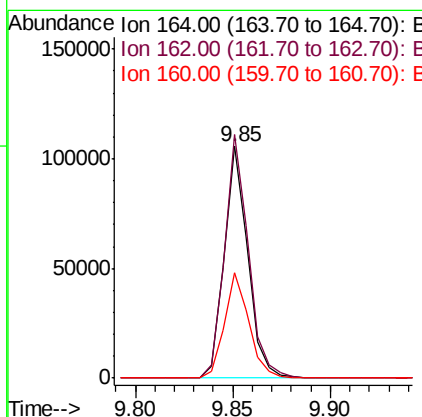
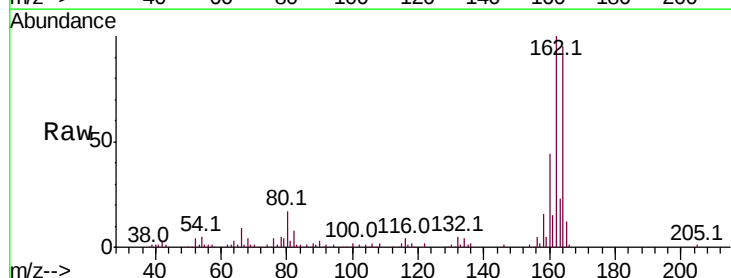
Instrument :
BNA_F
ClientSampleId :
NB-022019

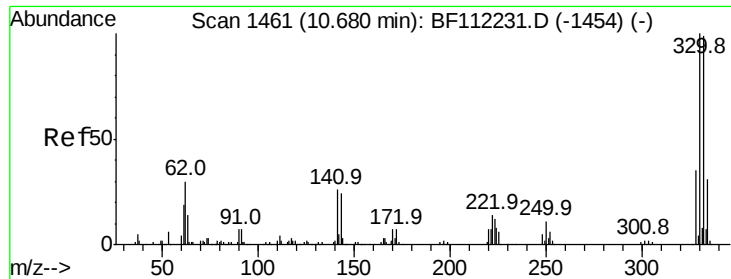
Tot Ion: 82 Resp: 1161
Ion Ratio Lower Upper
82 100
128 0.0 37.8 56.8#
54 70.8 39.7 59.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112702.D
Acq: 25 Feb 2019 19:40

Tgt Ion:164 Resp: 88372
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.4
160 45.7 36.2 54.4

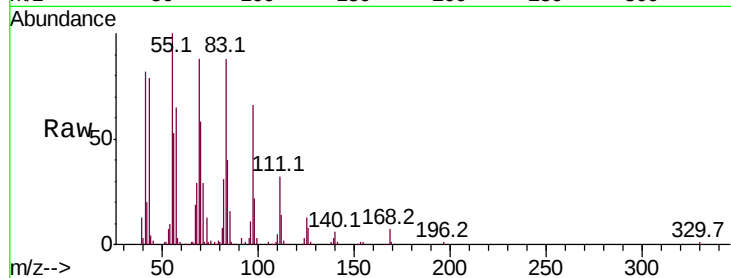




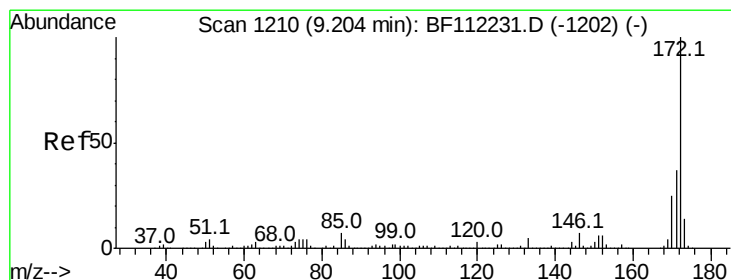
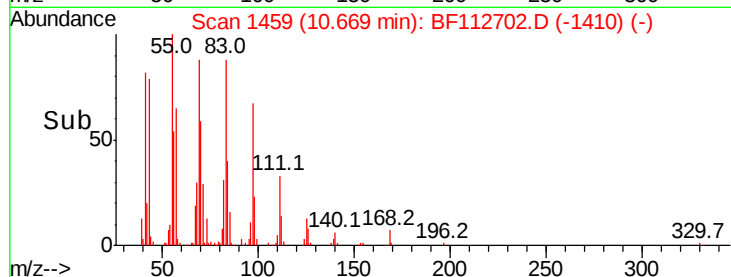
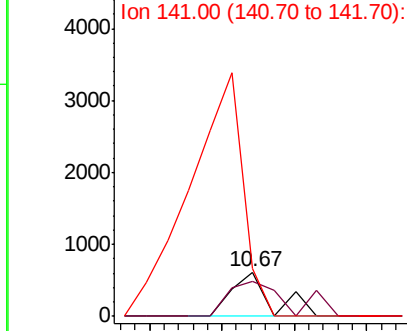
#42
 2,4,6-Tribromophenol
 Concen: 0.453 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
 NB-022019

Tot Ion:330 Resp: 466
 Ion Ratio Lower Upper
 330 100
 332 120.2 76.6 114.8#
 141 751.3 24.3 36.5#

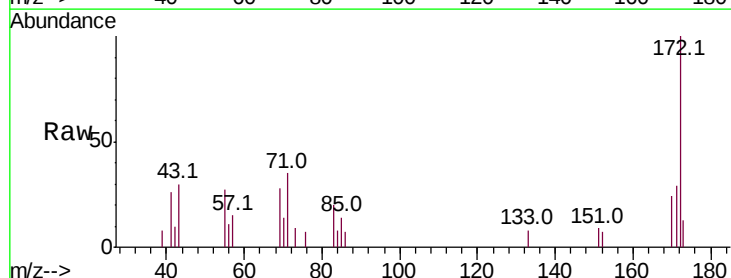


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

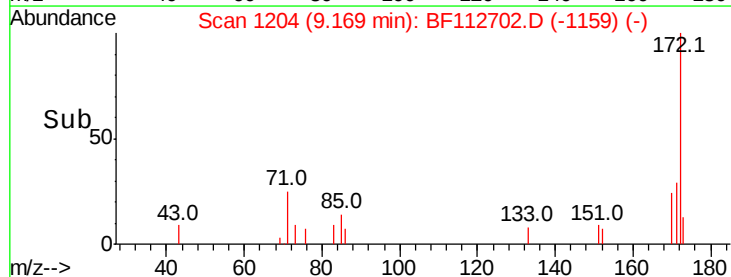
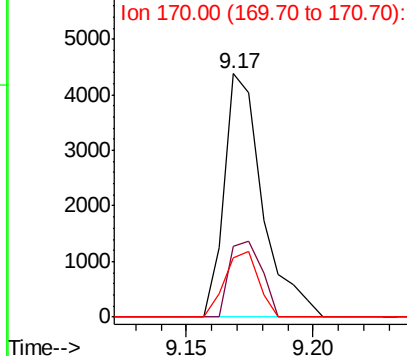


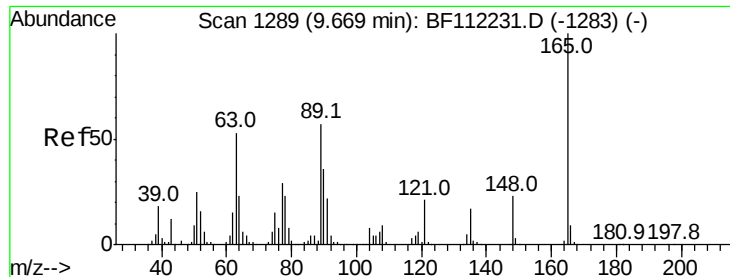
#45
 2-Fluorobiphenyl
 Concen: 0.737 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Tgt Ion:172 Resp: 4608
 Ion Ratio Lower Upper
 172 100
 171 29.0 30.5 45.7#
 170 24.5 20.2 30.4



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

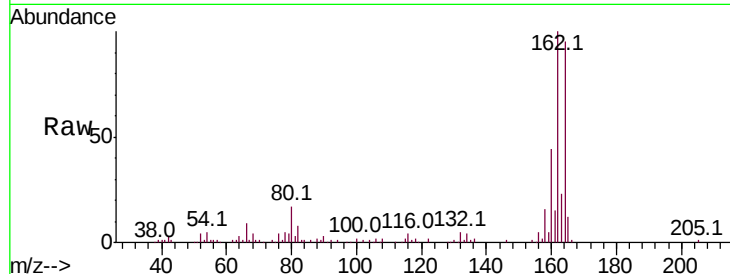




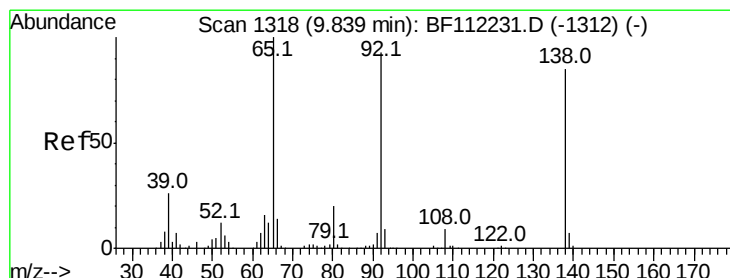
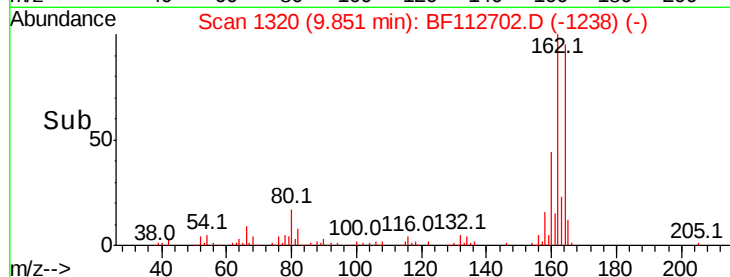
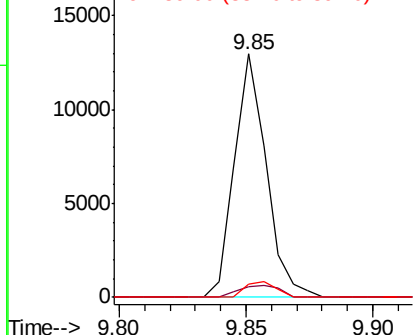
#51
 2,6-Dinitrotoluene
 Concen: 7.356 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
 NB-022019

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.4	33.8	50.8#
89	5.7	36.9	55.3#

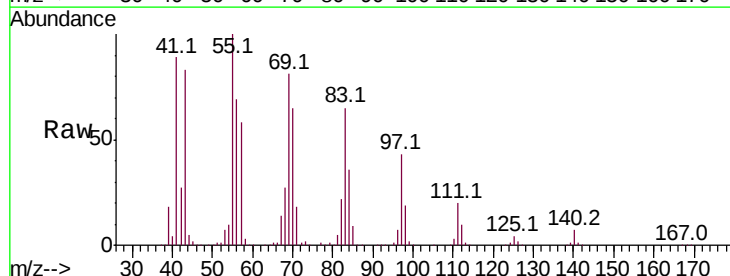


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

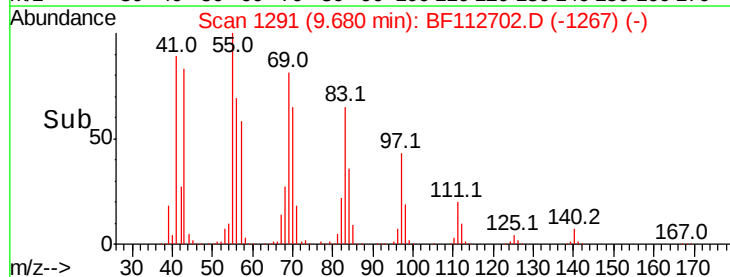
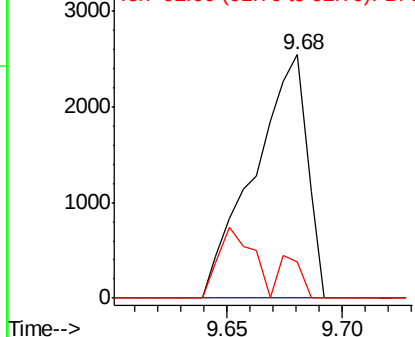


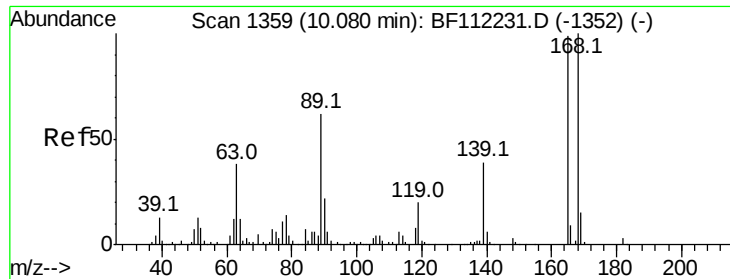
#53
 3-Nitroaniline
 Concen: 2.427 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.16 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.8	14.6#
92	15.0	79.4	119.2#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

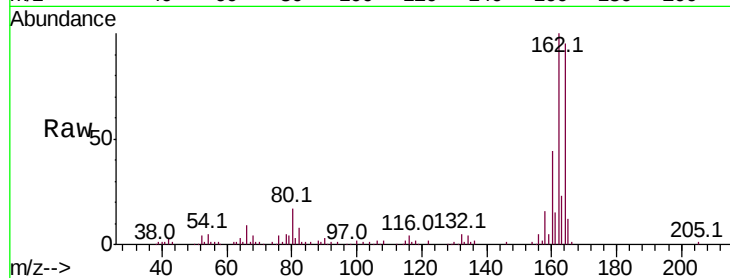




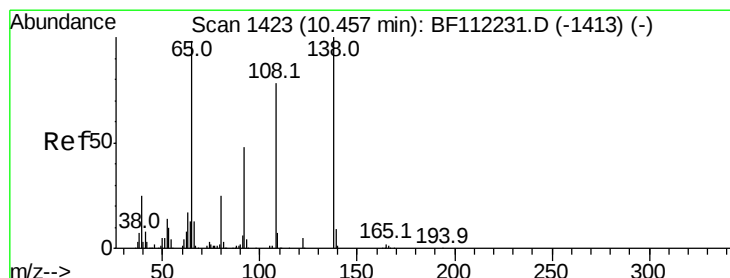
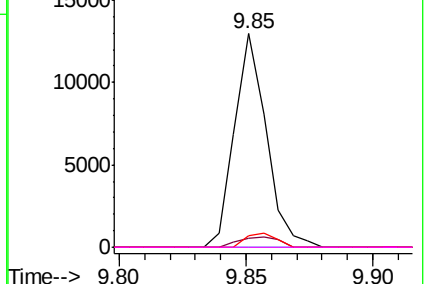
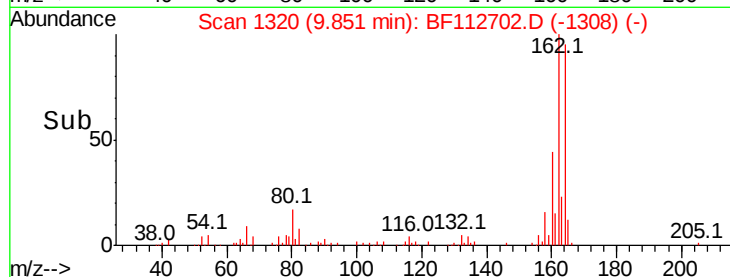
#57
 2,4-Dinitrotoluene
 Concen: 5.778 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
 NB-022019

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.4	27.9	41.9#
89	5.7	47.9	71.9#
182	0.0	2.2	3.4#

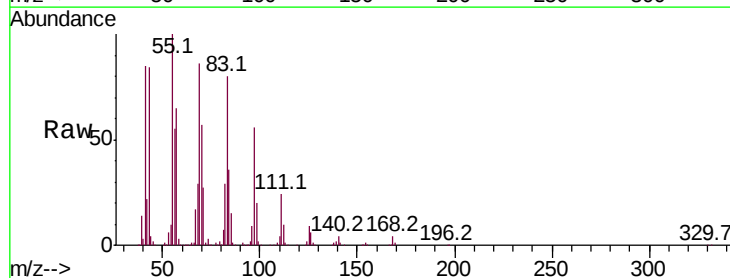


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

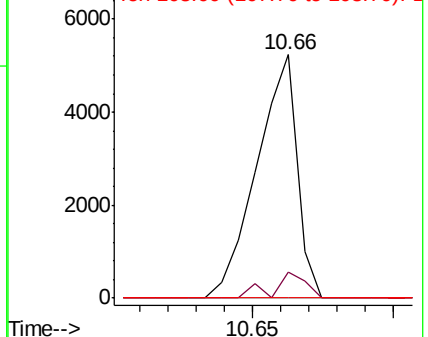
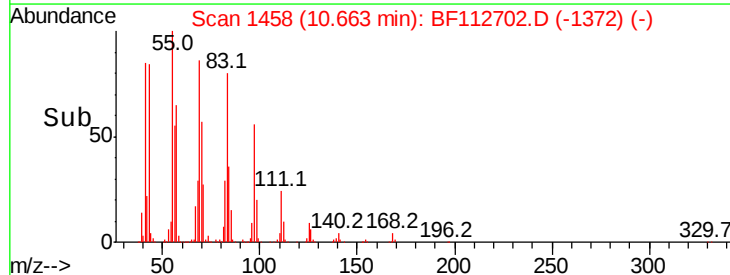


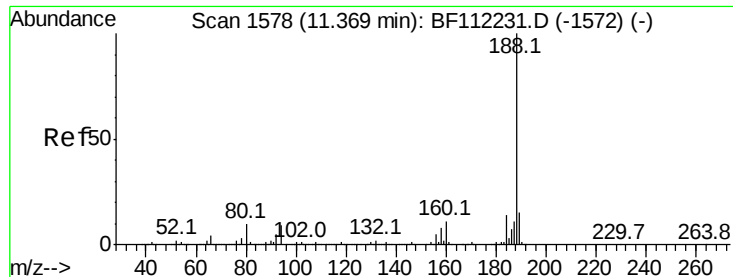
#62
 4-Nitroaniline
 Concen: 3.185 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.21 min
 Lab File: BF112702.D
 Acq: 25 Feb 2019 19:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	10.5	30.6	70.6#
108	0.0	50.0	90.0#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

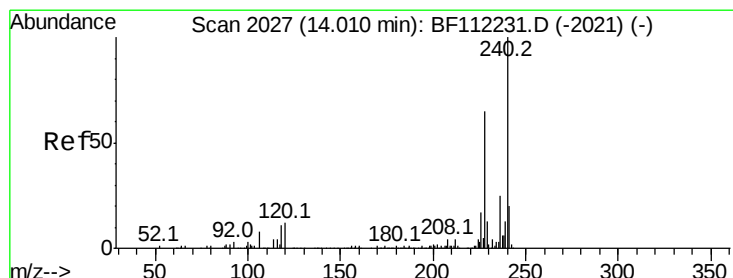
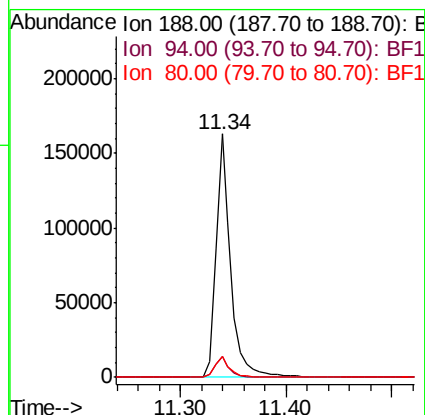
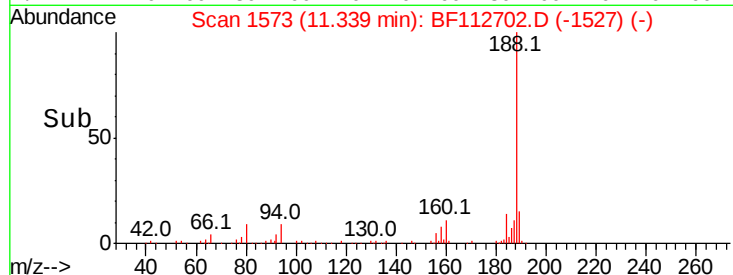
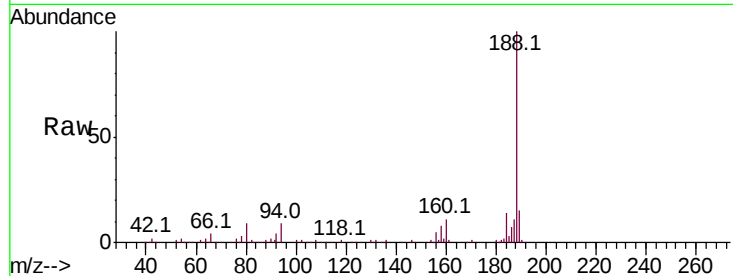




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112702.D
Acq: 25 Feb 2019 19:40

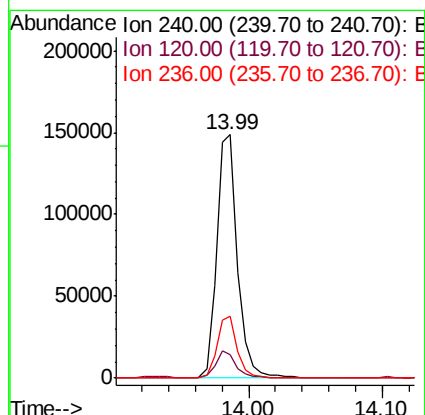
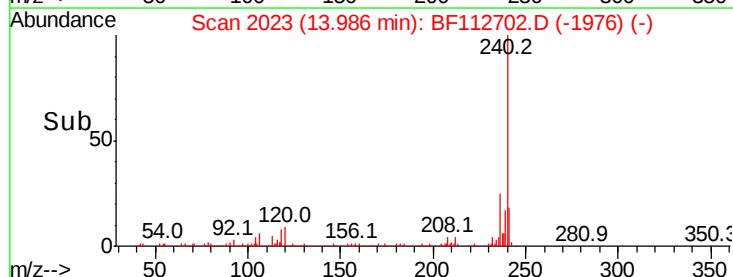
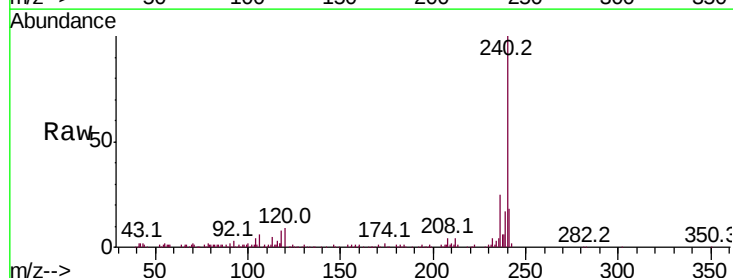
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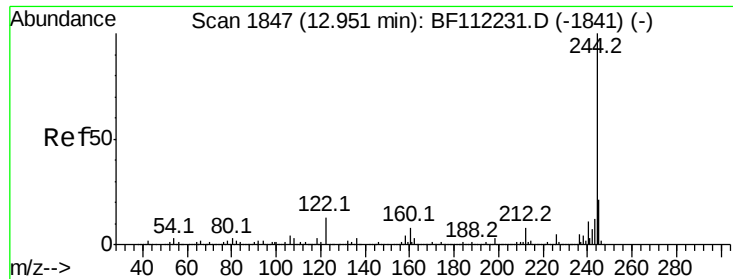
Tot Ion:188 Resp: 158725
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112702.D
Acq: 25 Feb 2019 19:40

Tgt Ion:240 Resp: 162242
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 0.561 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112702.D

Acq: 25 Feb 2019 19:40

Instrument :

BNA_F

ClientSampleId :

NB-022019

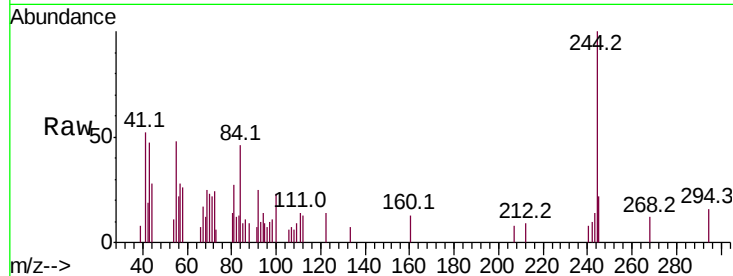
Tot Ion:244 Resp: 4835

Ion Ratio Lower Upper

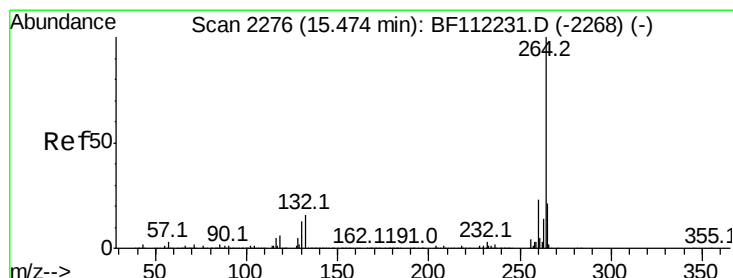
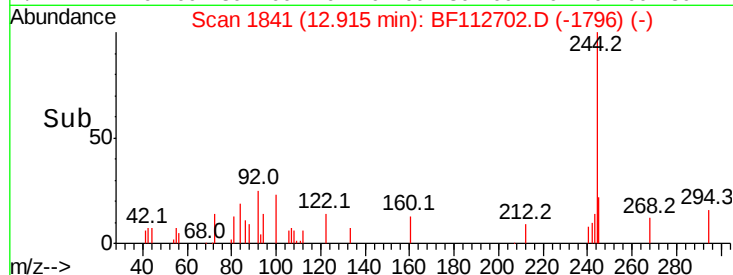
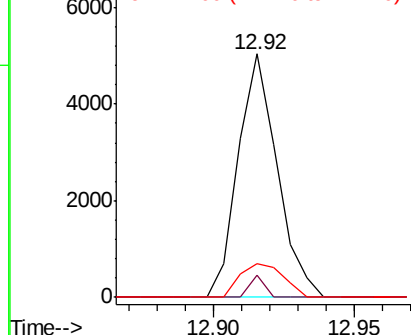
244 100

212 8.9 5.9 8.9

122 13.7 9.8 14.6



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF112702.D

Acq: 25 Feb 2019 19:40

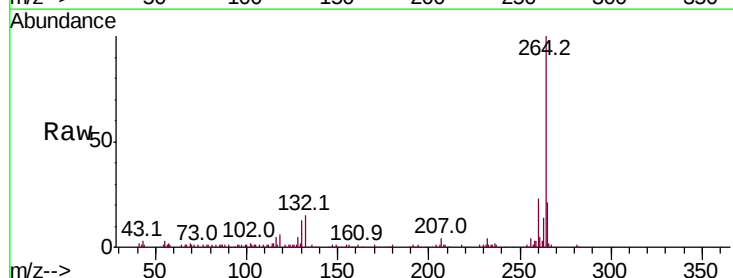
Tgt Ion:264 Resp: 128378

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.4 17.0 25.4



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

