

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114730.D
 Acq On : 1 Jun 2019 1:54
 Operator : HP/JU
 Sample : K2639-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-B

Quant Time: Jun 01 03:20:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

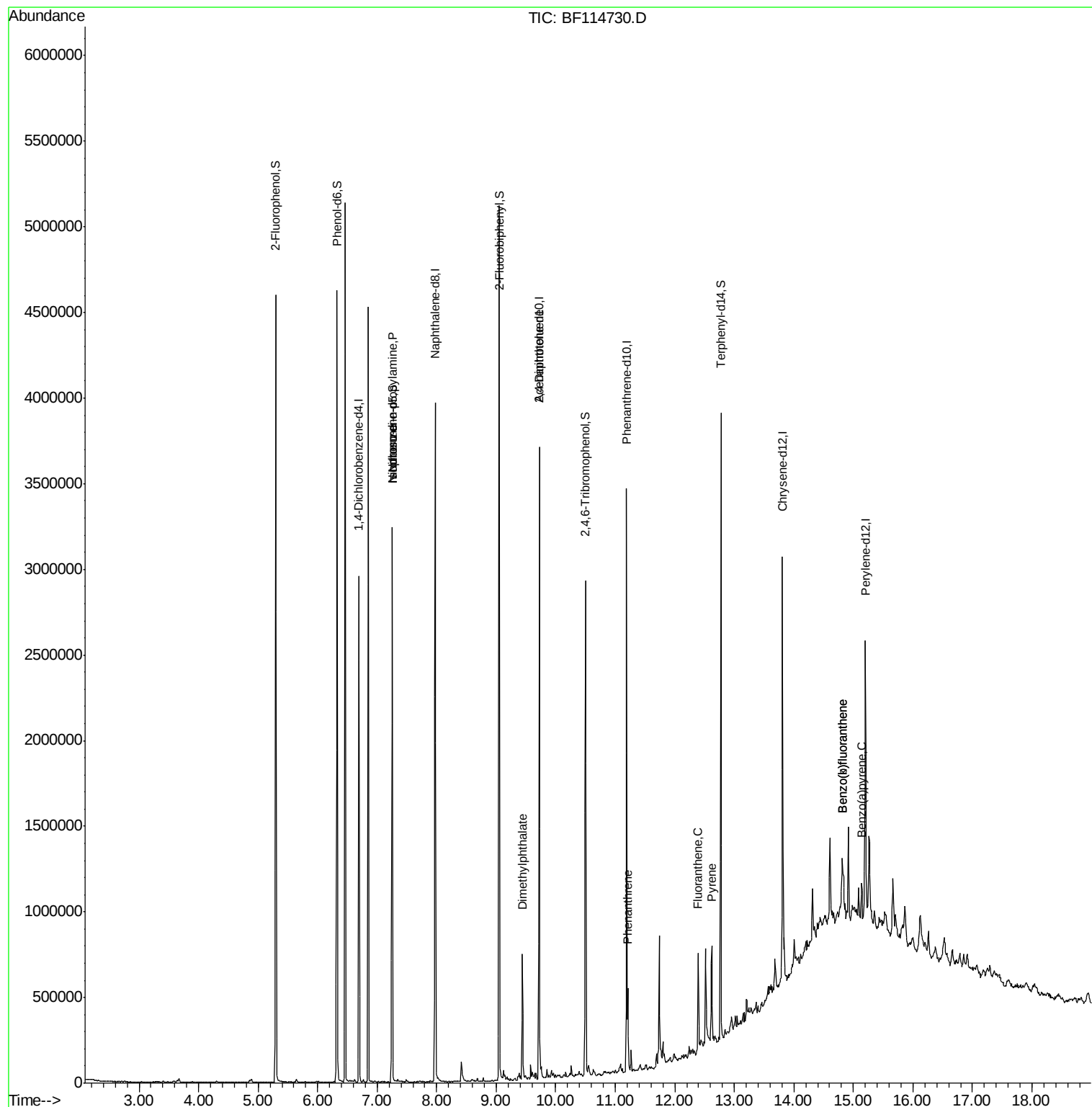
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	445988	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1640123	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	712668	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1124936	20.00	ng	0.00
76) Chrysene-d12	13.82	240	812023	20.00	ng	0.00
87) Perylene-d12	15.20	264	725688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1336949	52.63	ng	0.00
7) Phenol-d6	6.33	99	1619956	52.92	ng	0.00
23) Nitrobenzene-d5	7.25	82	949561	36.12	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	332370	48.95	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1643810	33.66	ng	0.00
79) Terphenyl-d14	12.77	244	1231192	28.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	30048	Below Cal		Qvalue 82
19) n-Nitroso-di-n-propylamine	7.25	70	125714	5.950 ng	#	76
25) Isophorone	7.25	82	928723	17.603 ng	#	63
50) Dimethylphthalate	9.44	163	272573	5.489 ng		99
57) 2,4-Dinitrotoluene	9.72	165	95480	6.447 ng	#	23
58) Fluorene	10.26	166	16427	Below Cal		96
61) 4-Chlorophenyl-phenylether	10.49	204	1349	Below Cal	#	1
71) Phenanthrene	11.22	178	166002	2.893 ng		95
74) Di-n-butylphthalate	11.76	149	2504	Below Cal	#	65
75) Fluoranthene	12.39	202	238598	4.015 ng		97
78) Pyrene	12.62	202	222248	3.235 ng		95
88) Benzo(b)fluoranthene	14.81	252	177772	3.889 ng	#	89
89) Benzo(k)fluoranthene	14.81	252	177772	4.475 ng	#	90
90) Benzo(a)pyrene	15.14	252	96467	2.402 ng	#	91

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

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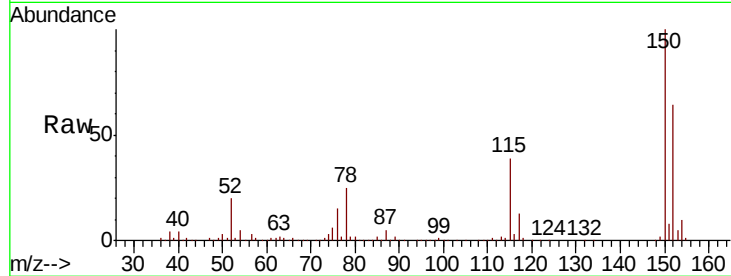


#1

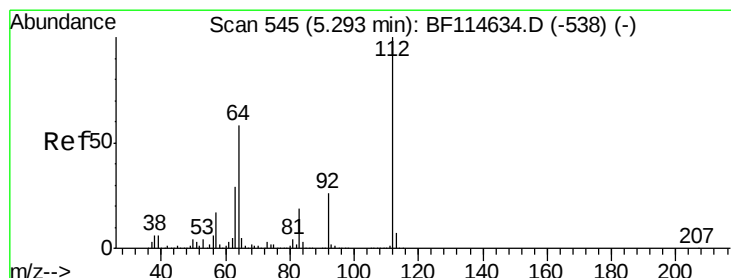
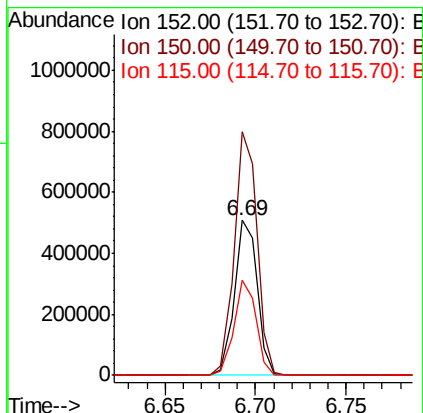
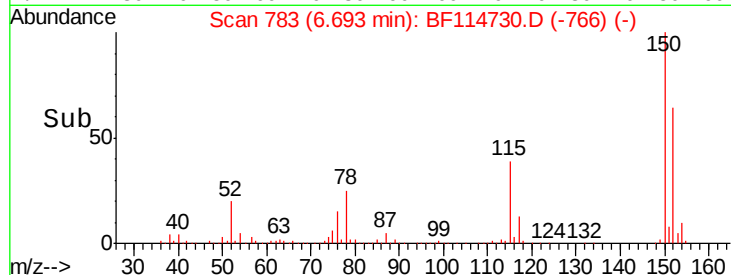
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Tgt Ion:152 Resp: 445988
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 61.8 48.7 73.1



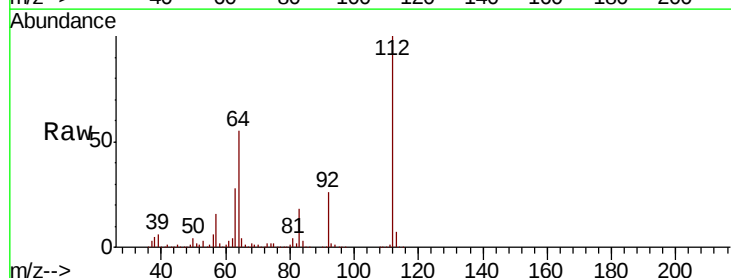
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



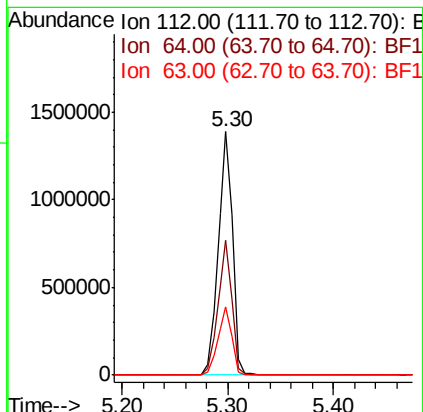
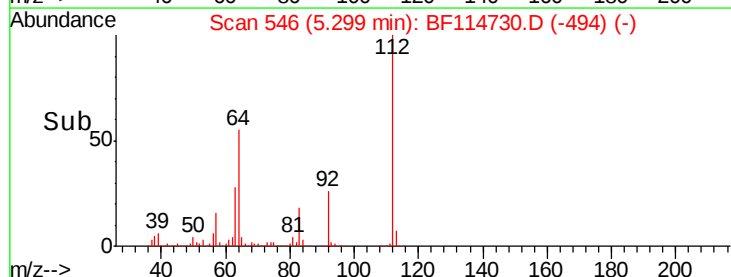
#5

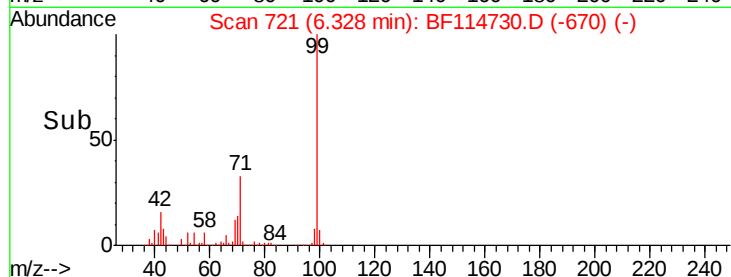
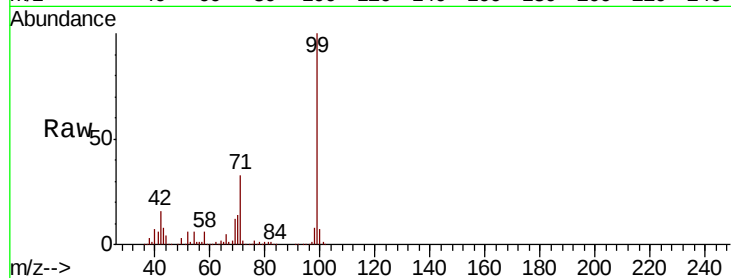
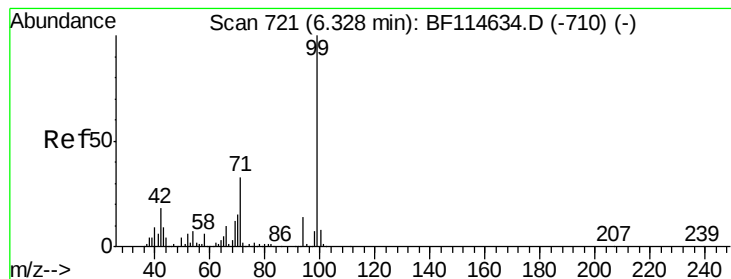
2-Fluorophenol
Concen: 52.631 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

Tgt Ion:112 Resp: 1336949
Ion Ratio Lower Upper
112 100
64 55.2 46.1 69.1
63 28.1 23.4 35.2



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: 52.922 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

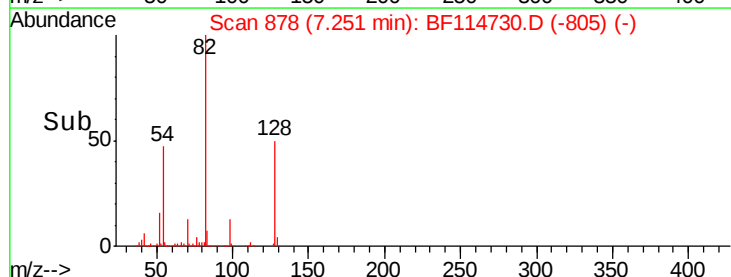
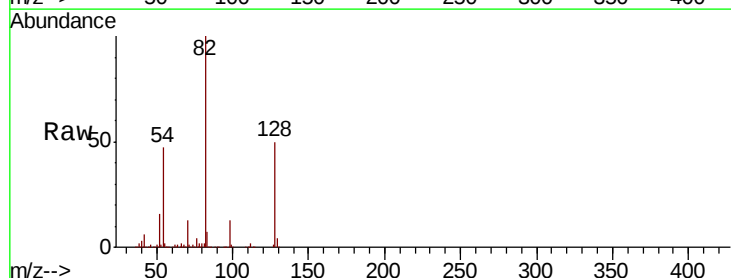
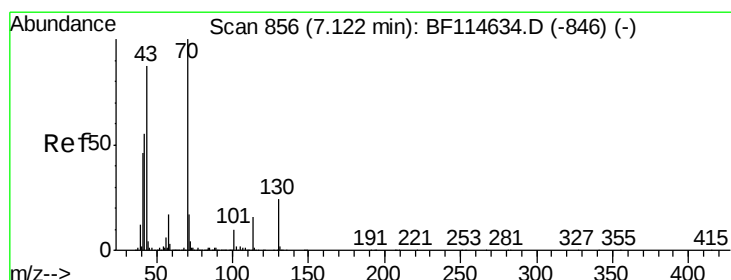
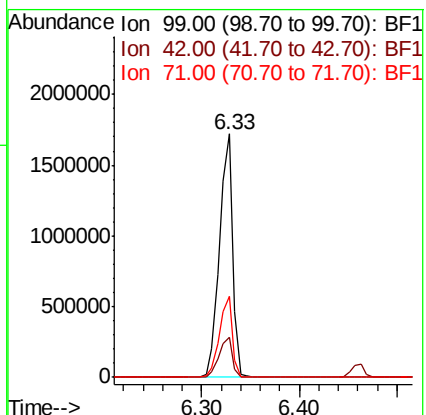
Tgt Ion: 99 Resp: 1619956

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

71 33.1 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.950 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Tgt Ion: 70 Resp: 125714

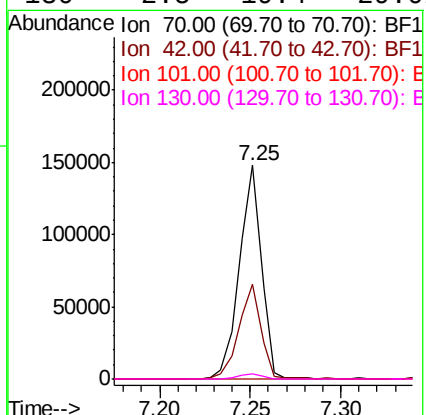
Ion Ratio Lower Upper

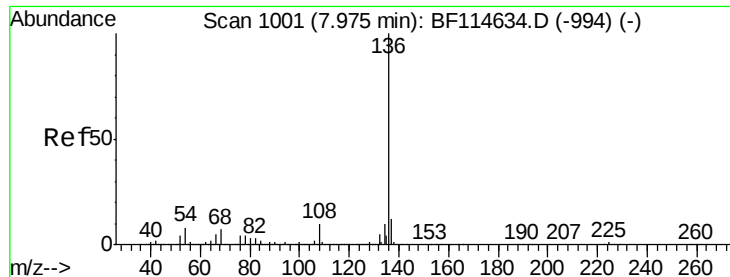
70 100

42 44.5 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

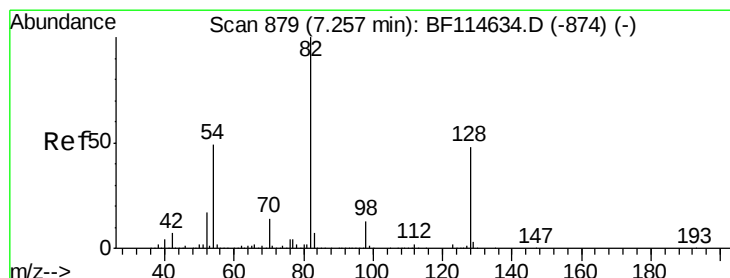
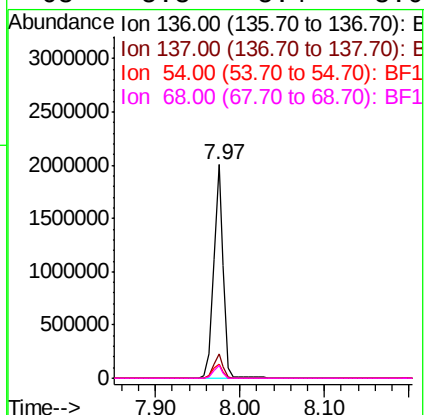
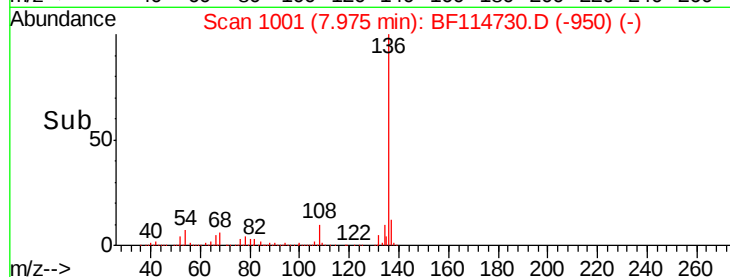
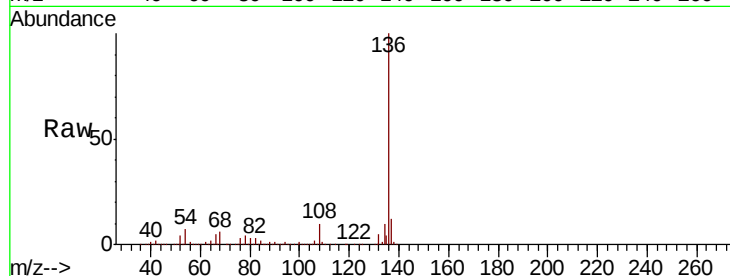




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

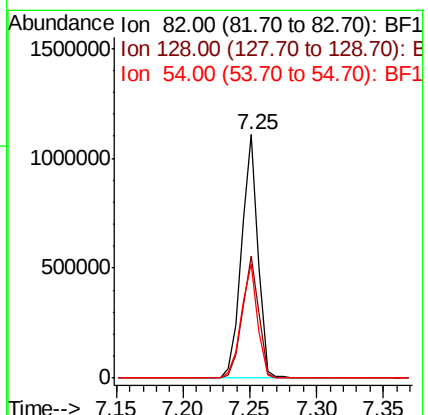
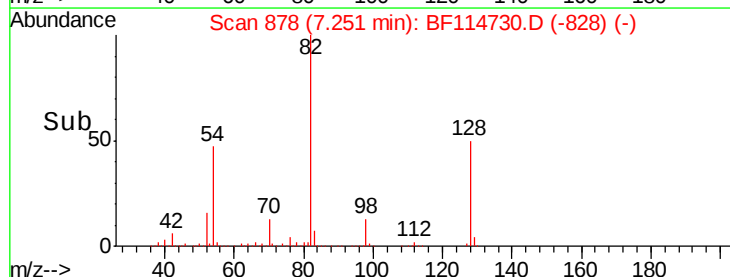
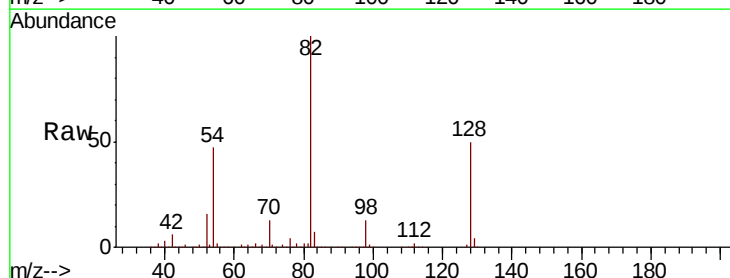
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

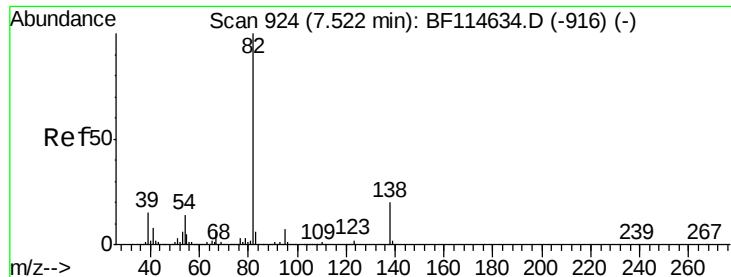
Tgt Ion:136 Resp: 1640123
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 6.9 6.3 9.5
68 5.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 36.121 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

Tgt Ion: 82 Resp: 949561
Ion Ratio Lower Upper
82 100
128 50.3 38.5 57.7
54 47.0 39.1 58.7





#25

Isophorone

Concen: 17.603 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

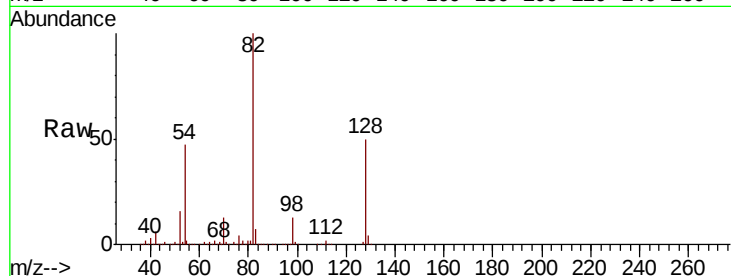
Tgt Ion: 82 Resp: 928723

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

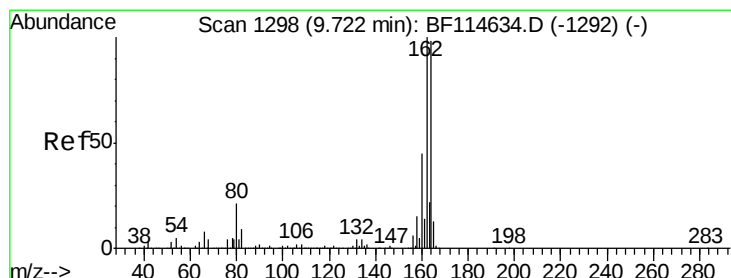
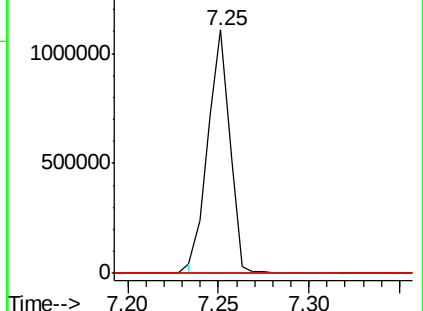
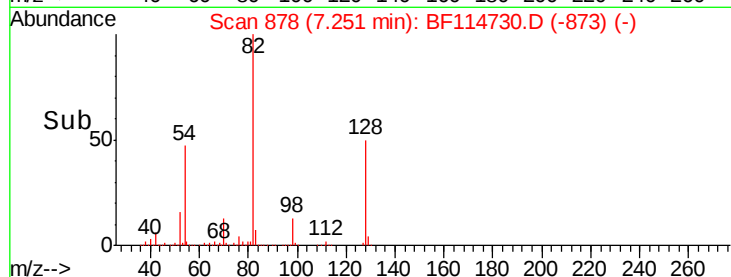
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

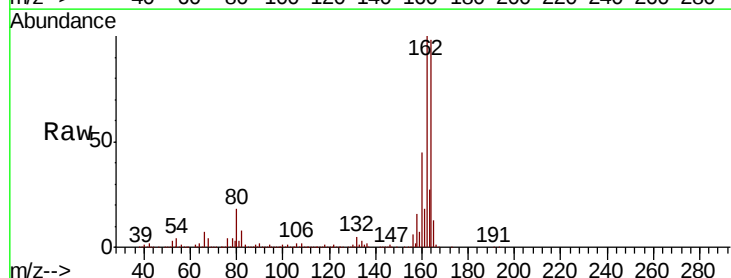
Tgt Ion: 164 Resp: 712668

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.2

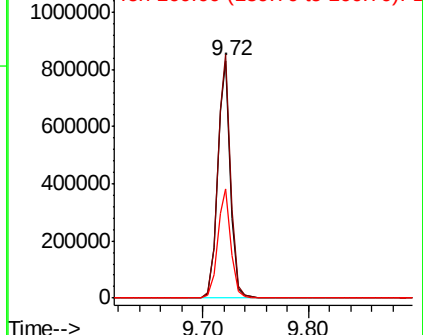
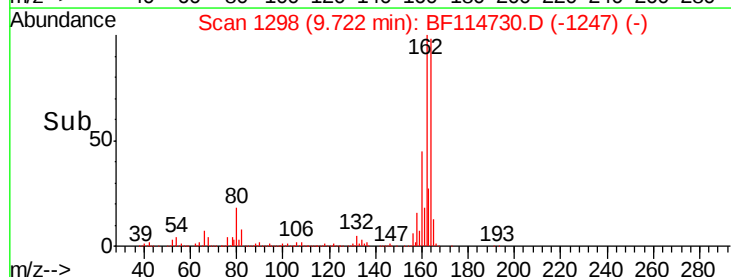
160 46.2 36.6 54.8

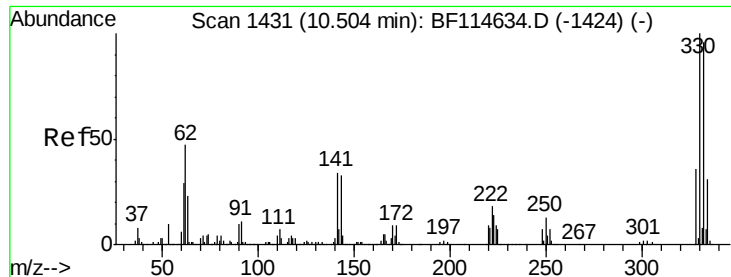


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

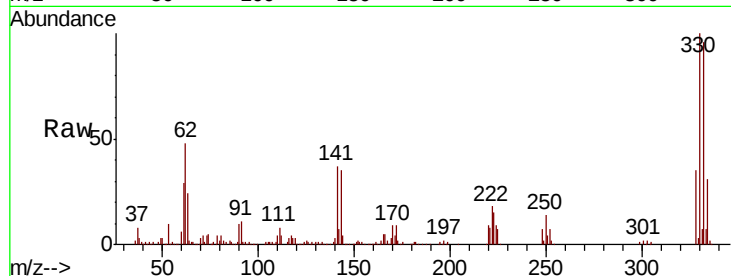




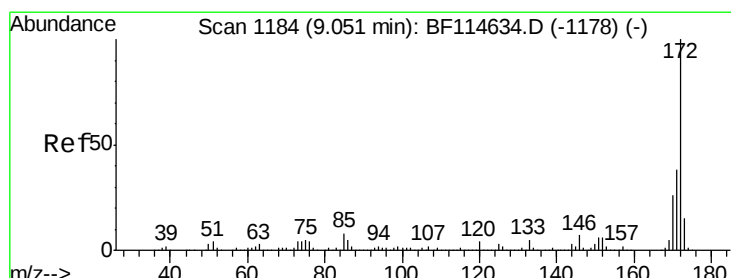
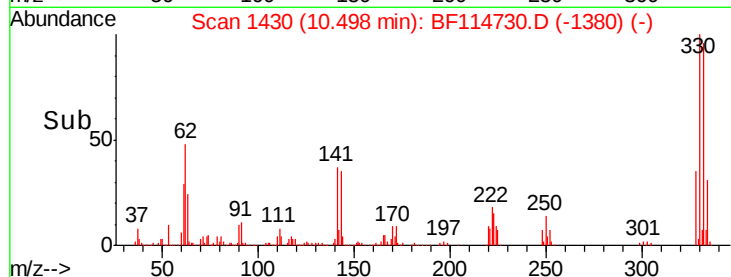
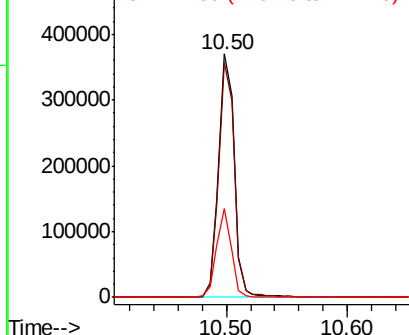
#42
 2,4,6-Tribromophenol
 Concen: 48.946 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

Instrument :
 BNA_F
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 NB-07-053019-B

Tgt Ion:330 Resp: 332370
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.8
 141 34.7 27.8 41.8

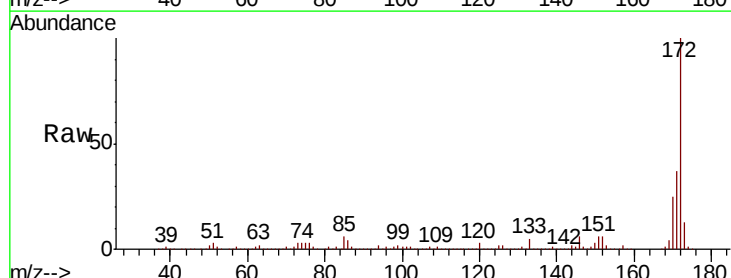


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

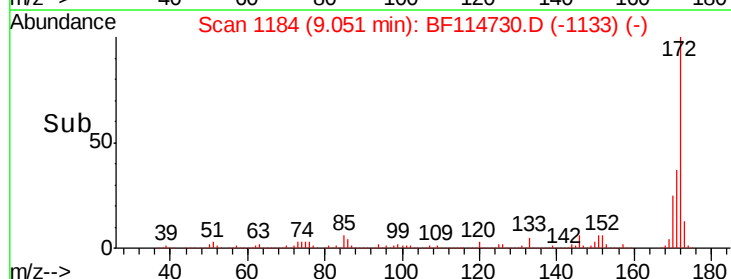
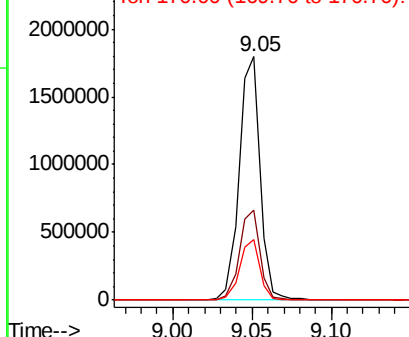


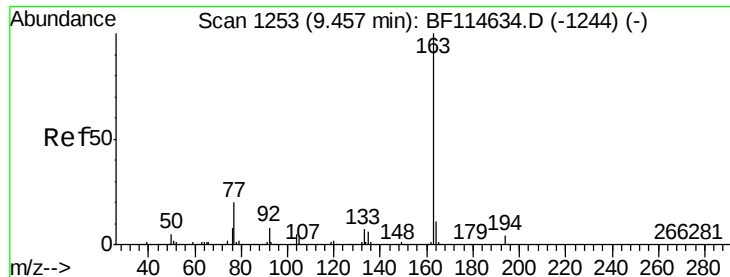
#45
 2-Fluorobiphenyl
 Concen: 33.664 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

Tgt Ion:172 Resp: 1643810
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 45.8
 170 24.8 20.7 31.1



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: 5.489 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

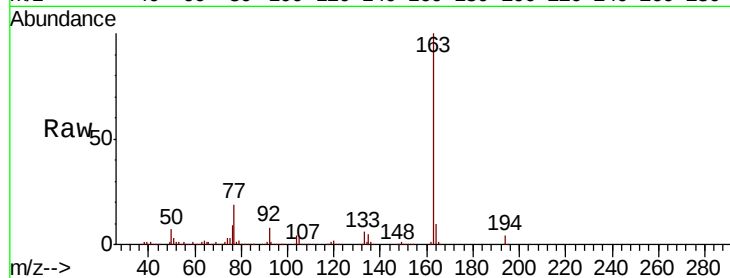
Tgt Ion:163 Resp: 272573

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

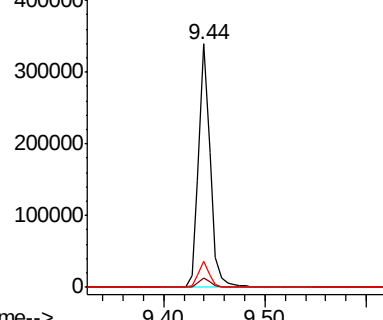
164 10.4 8.6 13.0



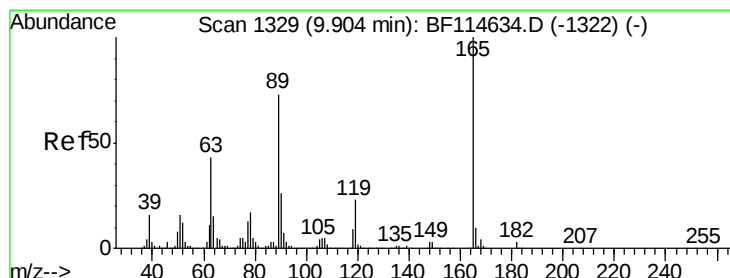
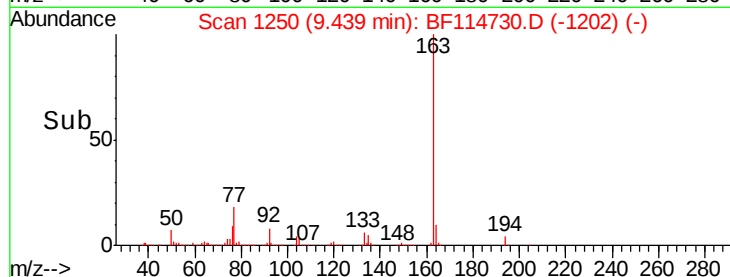
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#57

2,4-Dinitrotoluene

Concen: 6.447 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Tgt Ion:165 Resp: 95480

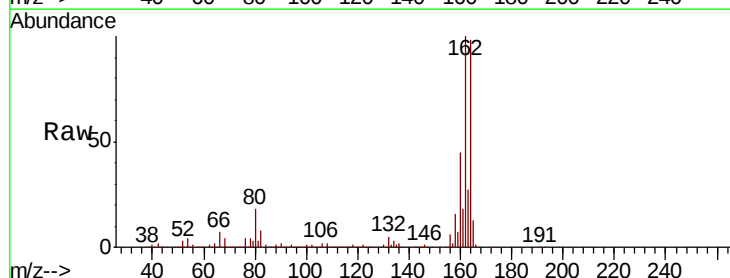
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.3 58.5 87.7#

182 0.0 2.2 3.2#

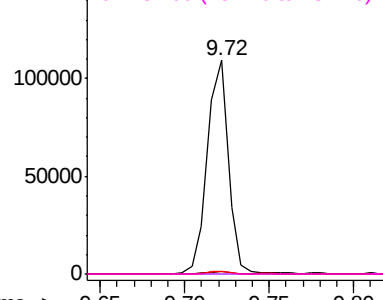


Abundance Ion 165.00 (164.70 to 165.70): E

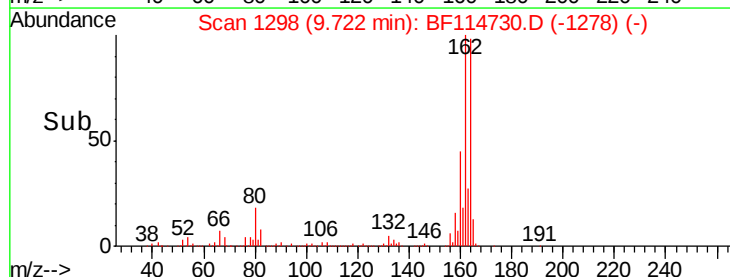
Ion 63.00 (62.70 to 63.70): BF1

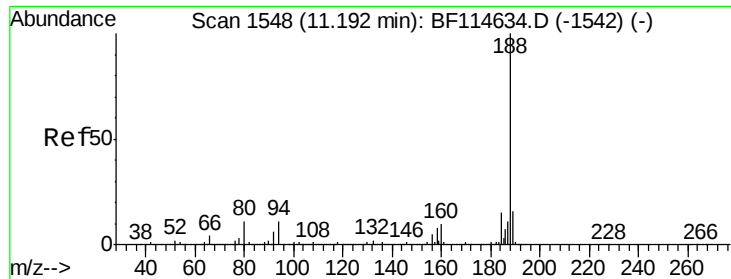
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

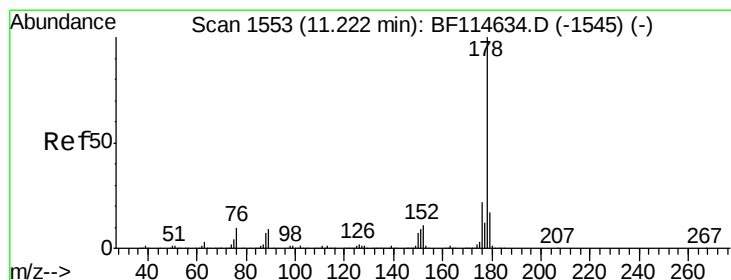
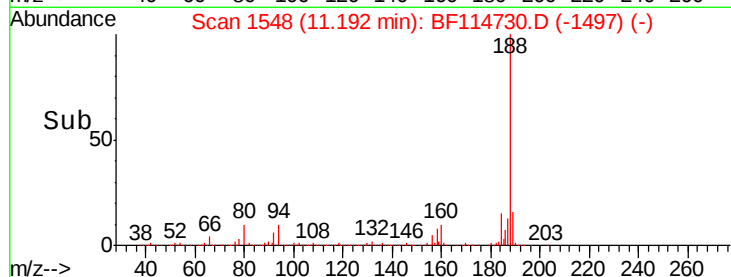
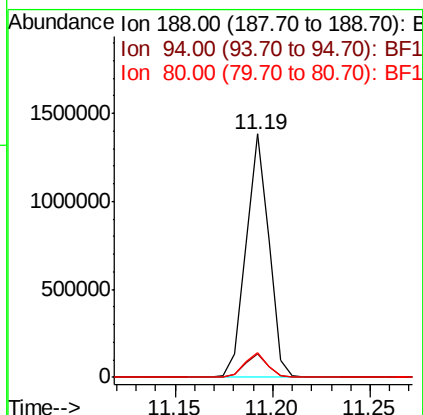
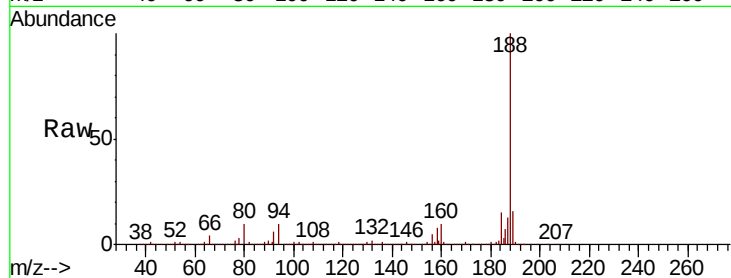




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

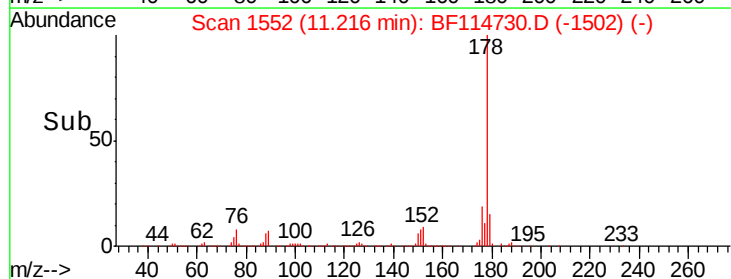
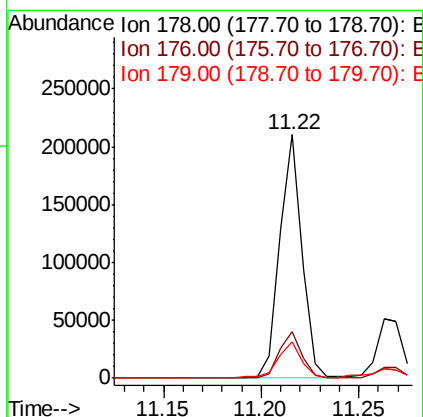
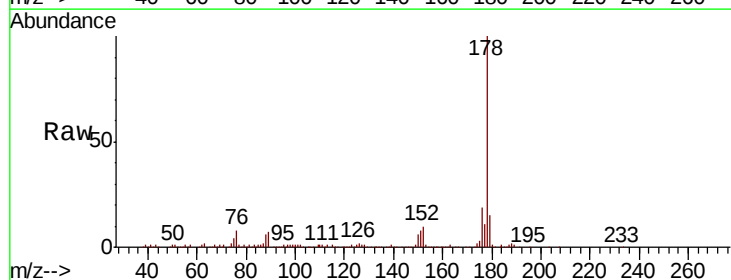
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-B

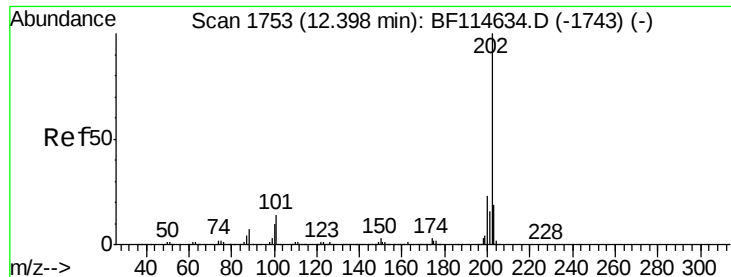
Tgt Ion:188 Resp: 1124936
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.6 13.0
 80 10.1 9.0 13.6



#71
 Phenanthrene
 Concen: 2.893 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

Tgt Ion:178 Resp: 166002
 Ion Ratio Lower Upper
 178 100
 176 18.9 17.2 25.8
 179 15.1 13.9 20.9





#75

Fluoranthene

Concen: 4.015 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

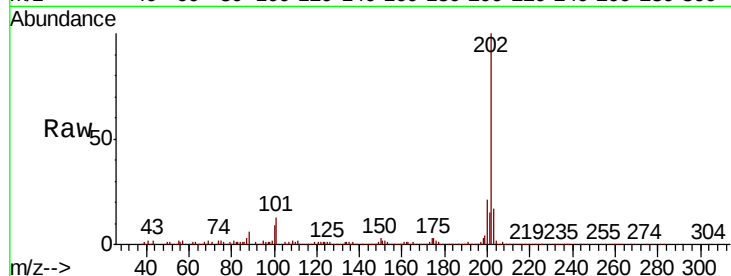
Tgt Ion: 202 Resp: 238598

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.9

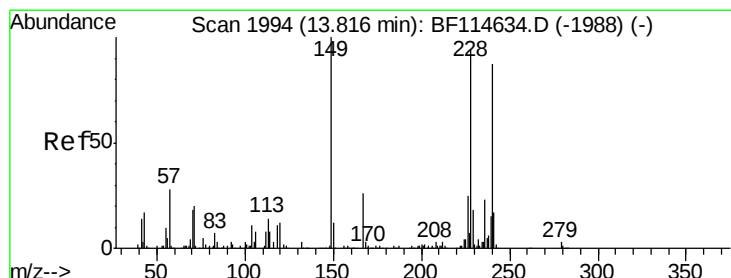
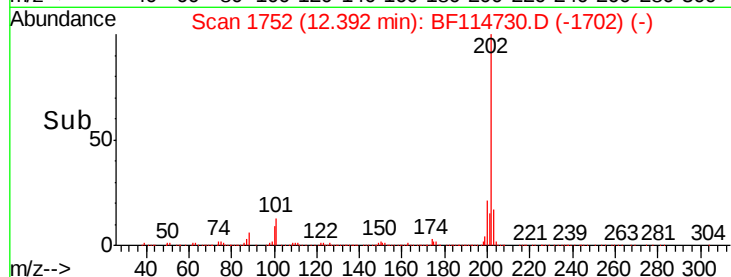
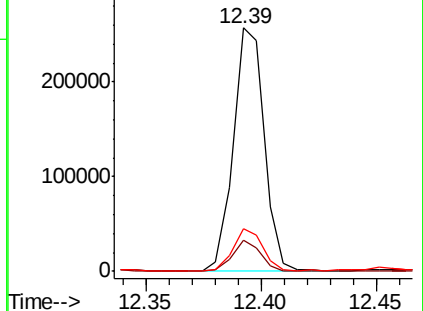
203 17.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

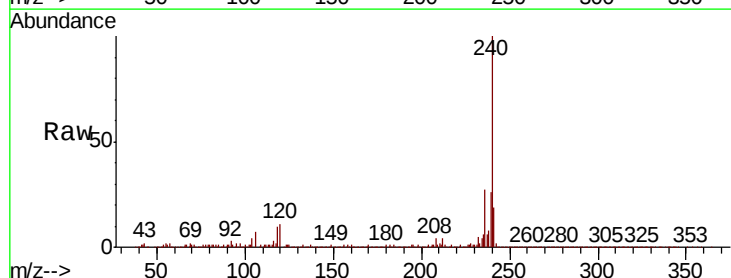
Tgt Ion: 240 Resp: 812023

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

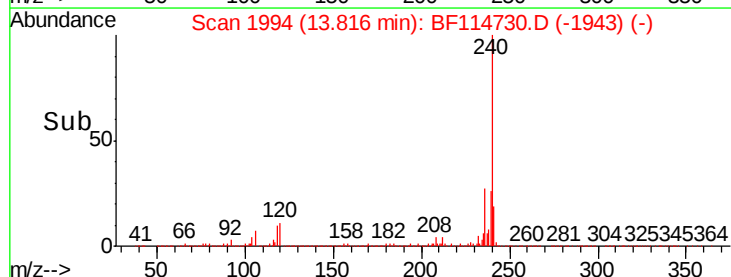
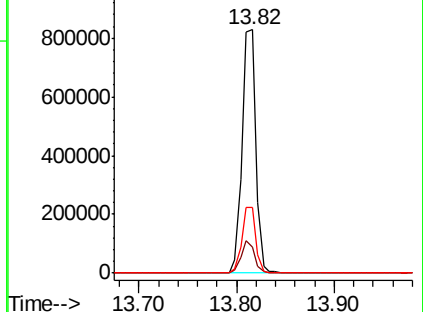
236 26.9 21.2 31.8

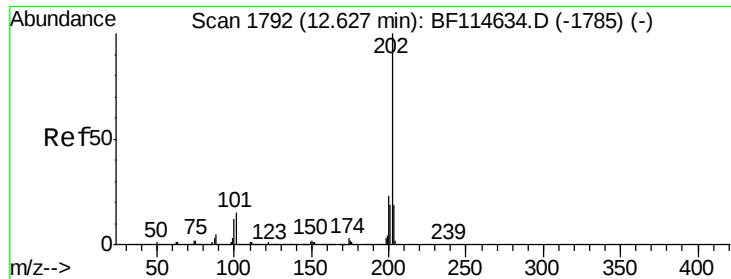


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

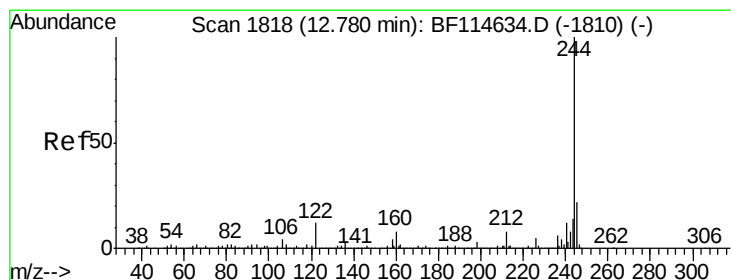
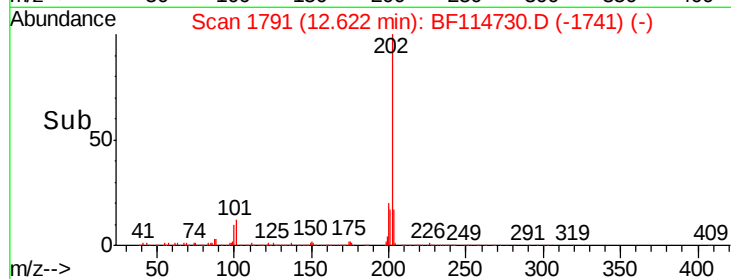
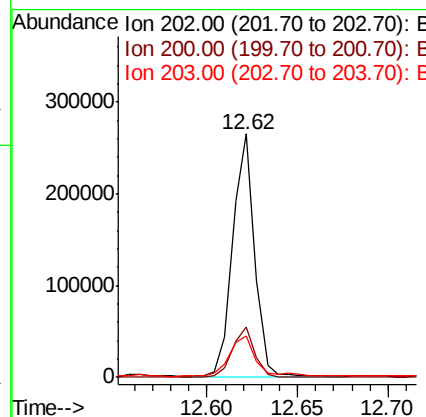
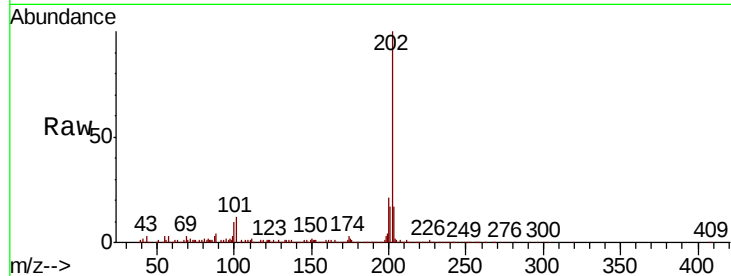




#78
 Pyrene
 Concen: 3.235 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

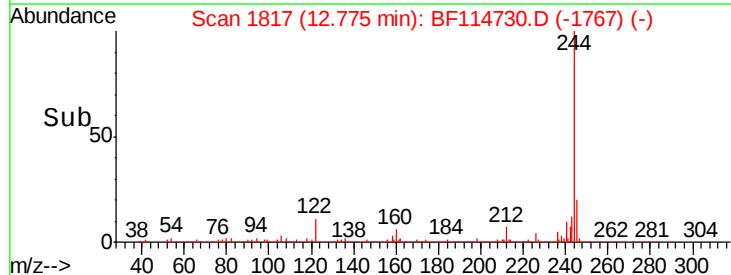
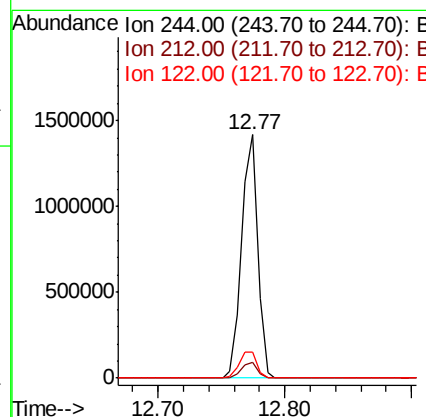
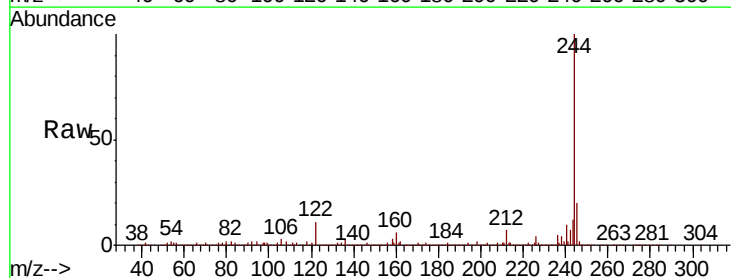
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-B

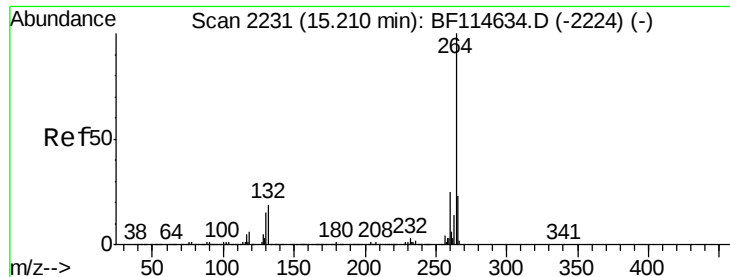
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.6	28.0
203	17.2	15.4	23.2



#79
 Terphenyl-d14
 Concen: 28.507 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114730.D
 Acq: 1 Jun 2019 1:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	10.7	9.8	14.8



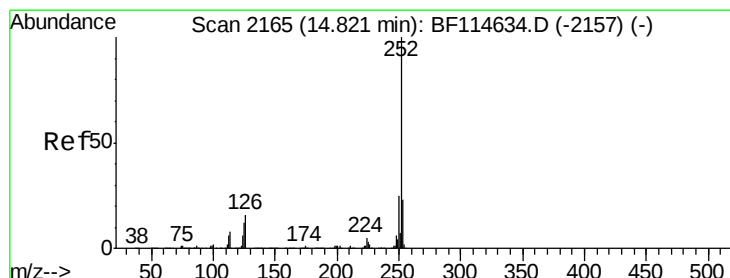
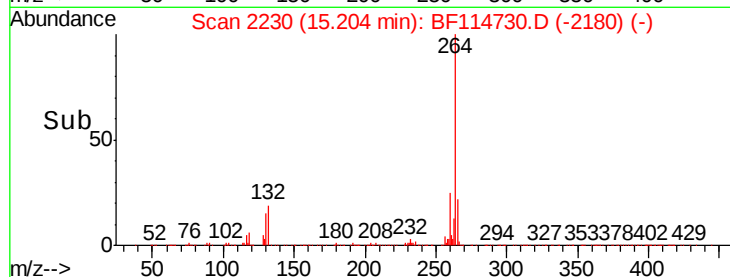
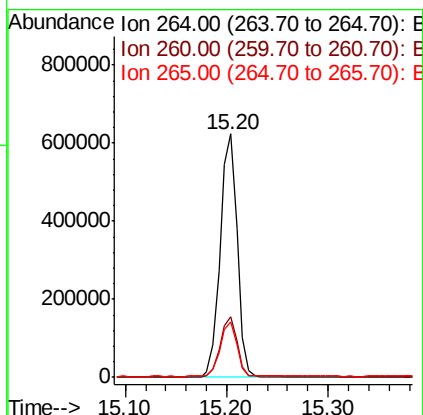
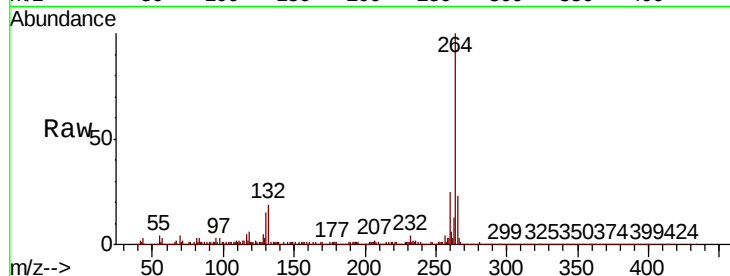


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Tgt Ion: 264 Resp: 725688

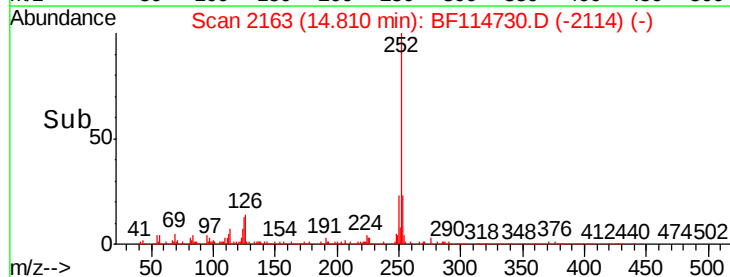
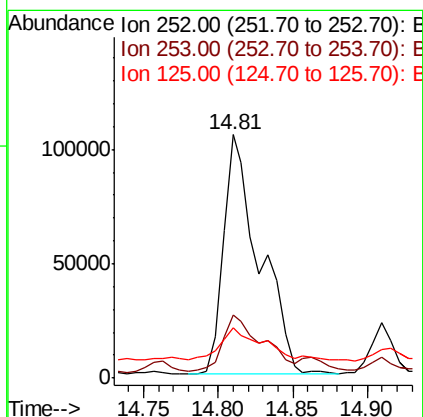
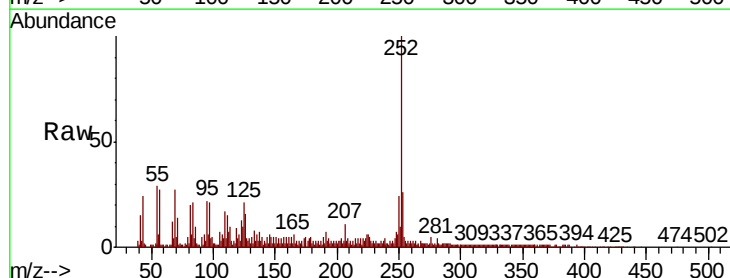
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.7	18.1	27.1

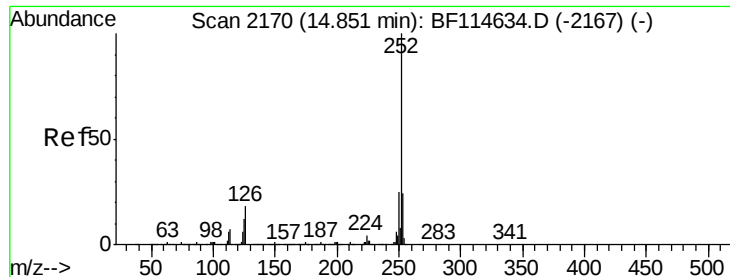


#88
Benzo(b)fluoranthene
Concen: 3.889 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114730.D
Acq: 1 Jun 2019 1:54

Tgt Ion: 252 Resp: 177772

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.7	28.1
125	20.6	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 4.475 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

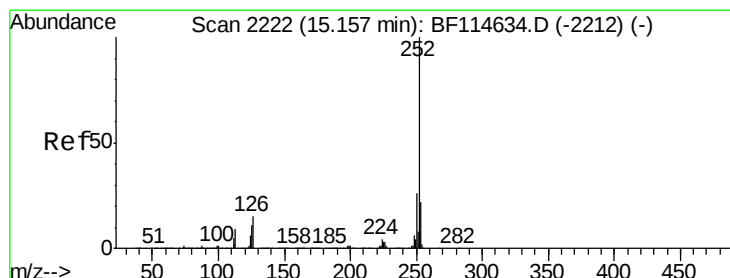
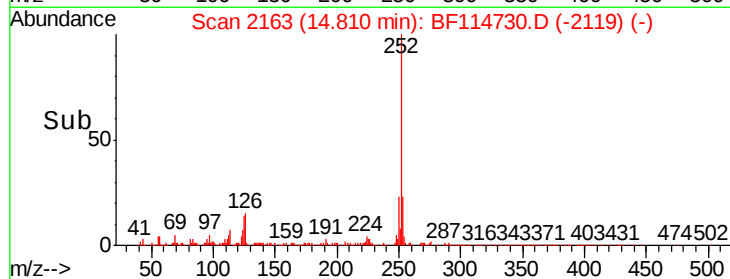
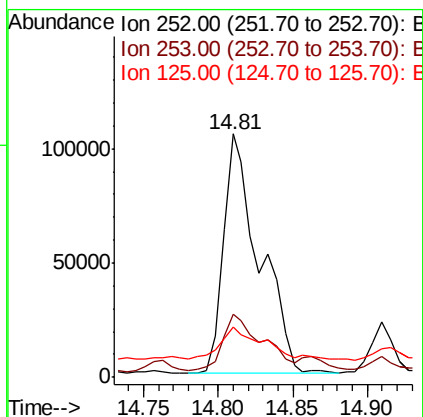
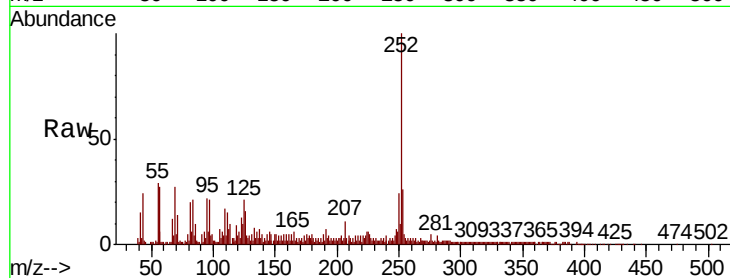
Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

Tgt Ion:	252	Resp:	177772
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.9	28.3
125	20.6	9.5	14.3#



#90

Benzo(a)pyrene

Concen: 2.402 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF114730.D

Acq: 1 Jun 2019 1:54

Tgt Ion:	252	Resp:	96467
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	20.4	9.2	13.8#

