

Data File : BF114747.D
Acq On : 1 Jun 2019 10:53
Operator : HP/JU
Sample : K3097-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0429-HR-9(HACKENSACK)

Quant Time: Jun 03 01:34:02 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	388666	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1475404	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	722000	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1427692	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1023706	20.00	ng	0.00
87) Perylene-d12	15.20	264	946180	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2510225	113.39	ng	0.02
7) Phenol-d6	6.33	99	3099669	116.20	ng	0.00
23) Nitrobenzene-d5	7.25	82	1939450	82.01	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	796096	115.72	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2968383	75.43	ng	0.00
79) Terphenyl-d14	12.78	244	3214254	59.03	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	6004	Below Cal	#	1
10) Phenol	6.34	94	131708	4.087 ng		82
19) n-Nitroso-di-n-propylamine	7.25	70	260778	14.162 ng	#	76
25) Isophorone	7.25	82	1857608	39.141 ng	#	63
50) Dimethylphthalate	9.44	163	503560	10.009 ng		98
57) 2,4-Dinitrotoluene	9.72	165	94927	6.327 ng	#	24
58) Fluorene	10.26	166	8787	Below Cal	#	96
67) 4-Bromophenyl-phenylether	10.50	248	51592	3.370 ng	#	1
74) Di-n-butylphthalate	11.76	149	4365	Below Cal	#	86
75) Fluoranthene	12.40	202	439300	5.825 ng		93
78) Pyrene	12.62	202	355354	4.104 ng		95
88) Benzo(b)fluoranthene	14.81	252	175054	2.937 ng		99
89) Benzo(k)fluoranthene	14.81	252	175054	3.380 ng		99

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

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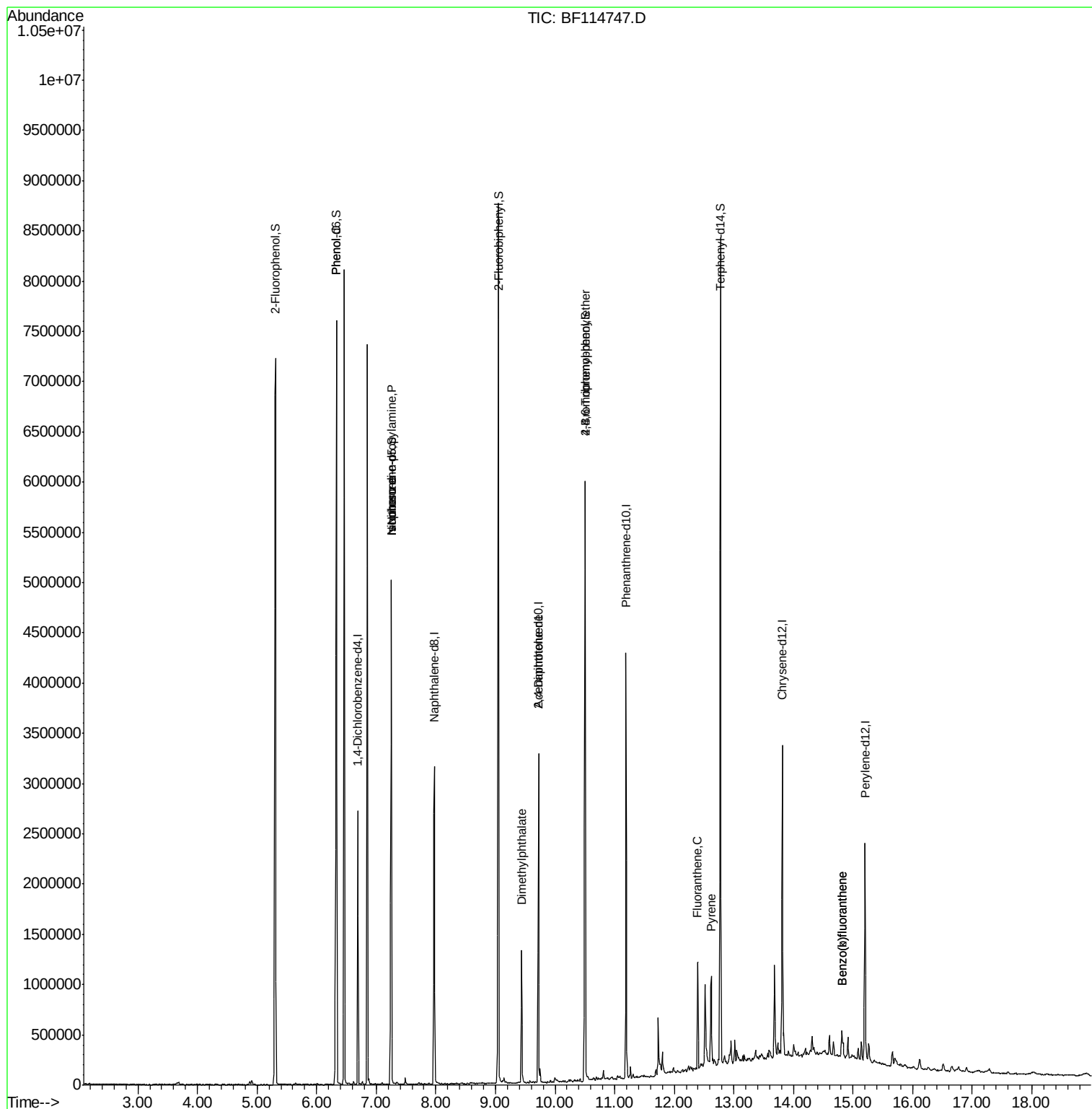
Quant Time: Jun 03 01:34:02 2019

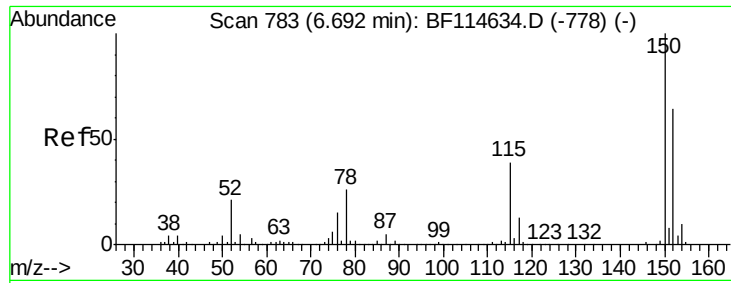
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 29 19:08:51 2019

Response via : Initial Calibration

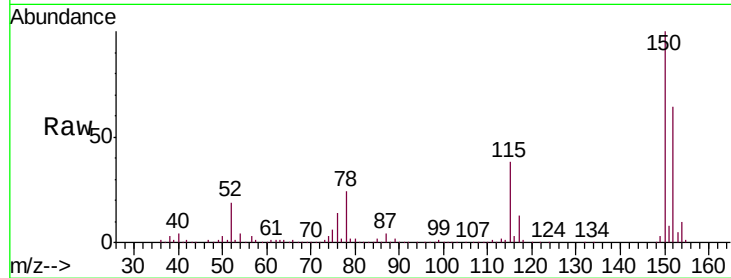




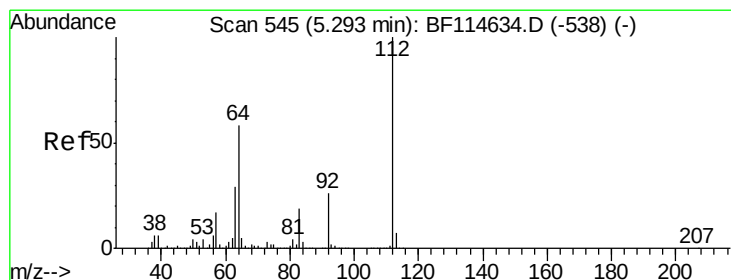
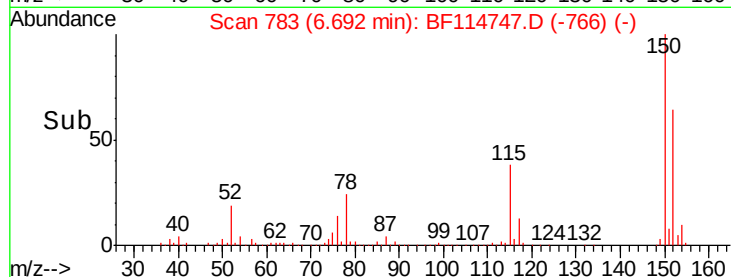
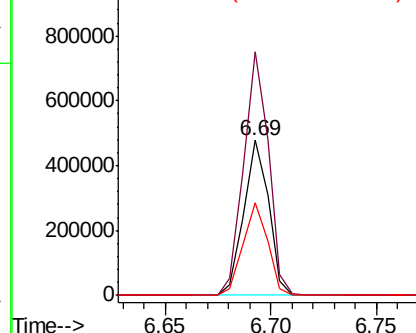
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tgt Ion:152 Resp: 388666
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.4 186.6
 115 59.6 48.7 73.1

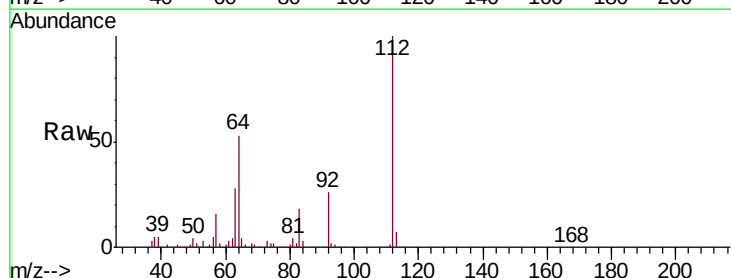


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

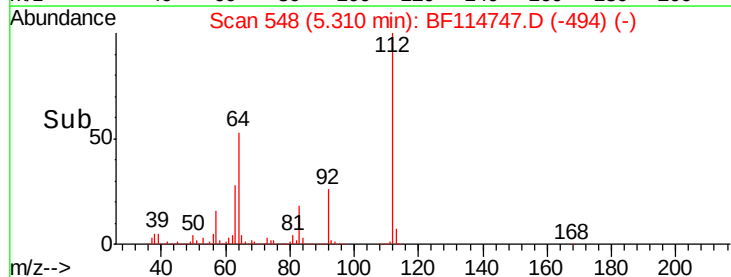
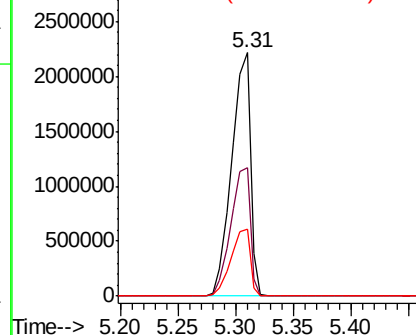


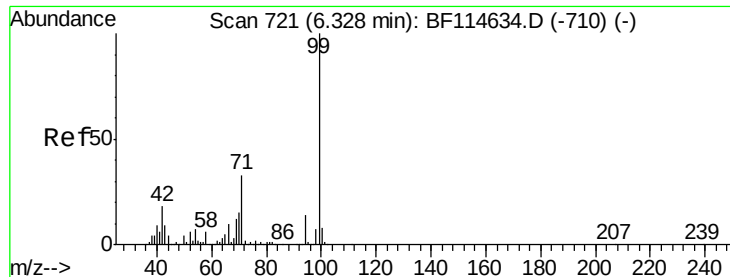
#5
 2-Fluorophenol
 Concen: 113.394 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.02 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Tgt Ion:112 Resp: 2510225
 Ion Ratio Lower Upper
 112 100
 64 52.8 46.1 69.1
 63 27.7 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: 116.196 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114747.D

Acq: 1 Jun 2019 10:53

Instrument :

BNA_F

ClientSampleId :

0429-HR-9(HACKENSACK)

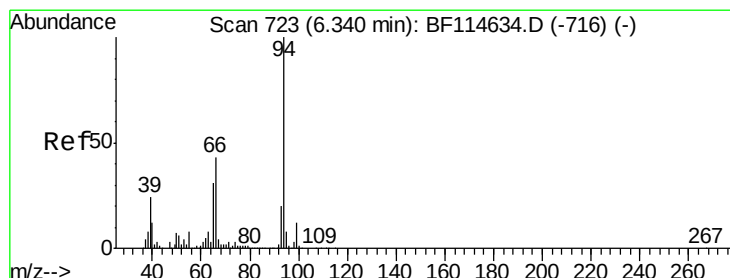
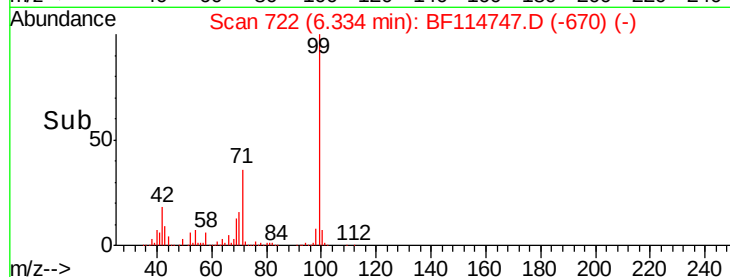
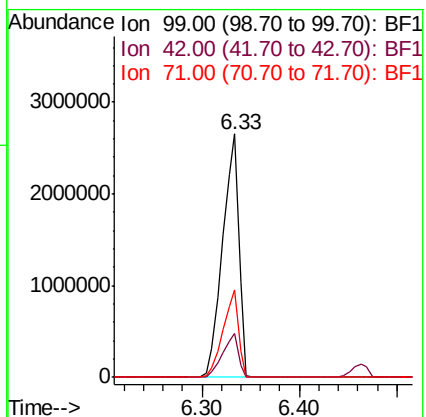
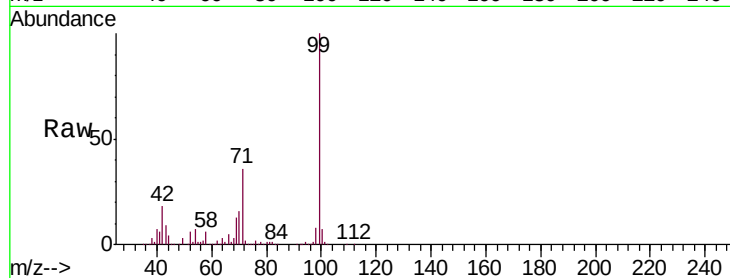
Tgt Ion: 99 Resp: 3099669

Ion Ratio Lower Upper

99 100

42 17.9 14.7 22.1

71 35.9 26.6 40.0



#10

Phenol

Concen: 4.087 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114747.D

Acq: 1 Jun 2019 10:53

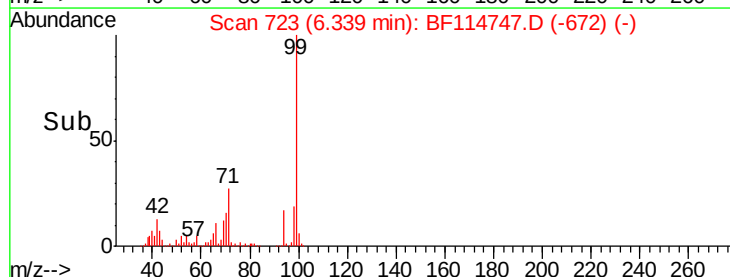
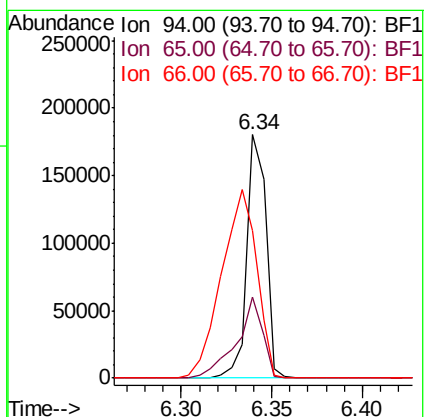
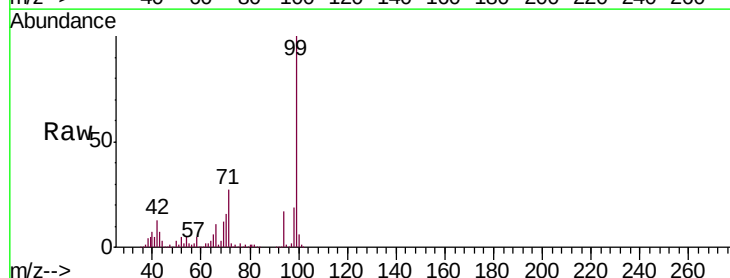
Tgt Ion: 94 Resp: 131708

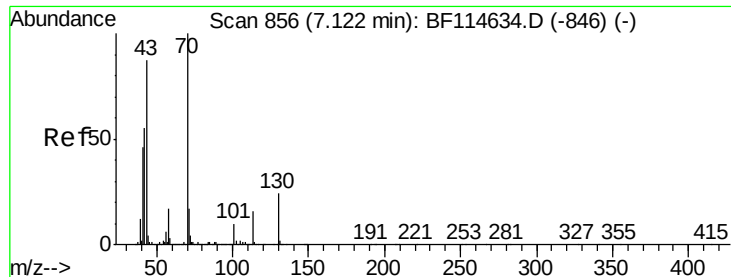
Ion Ratio Lower Upper

94 100

65 33.5 11.0 51.0

66 60.8 23.0 63.0

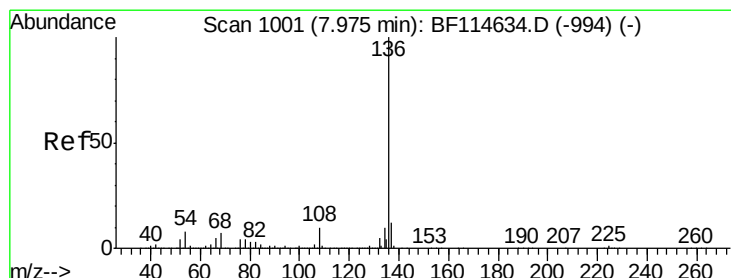
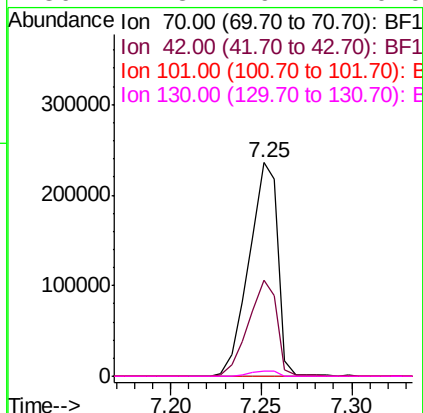
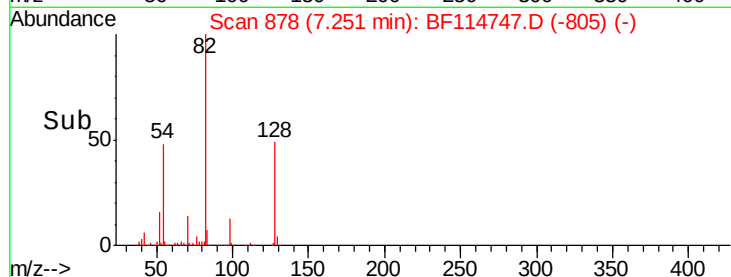
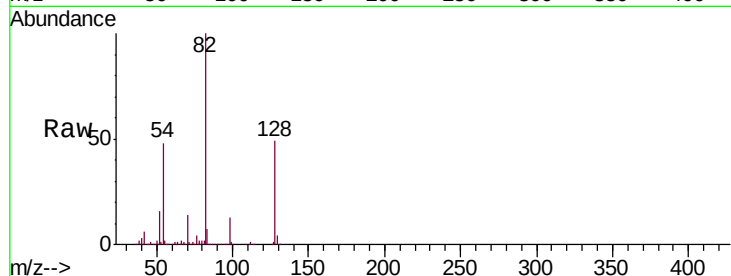




#19
n-Nitroso-di-n-propylamine
Concen: 14.162 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

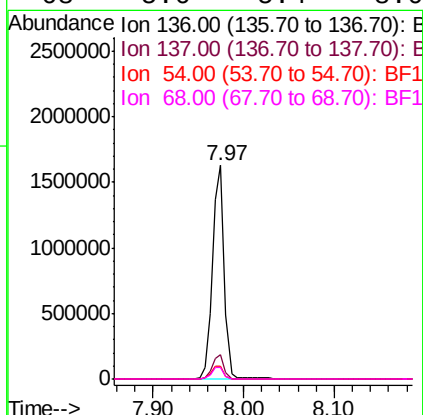
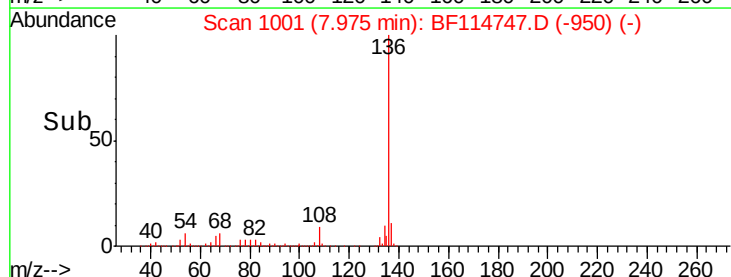
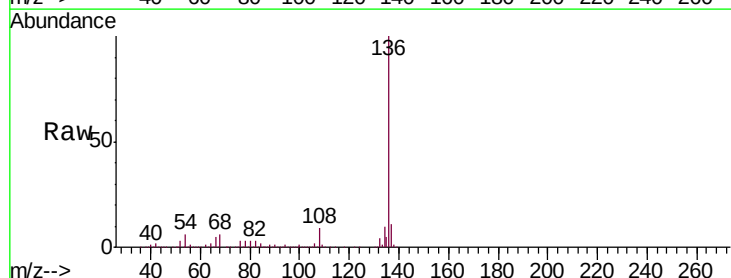
Instrument :
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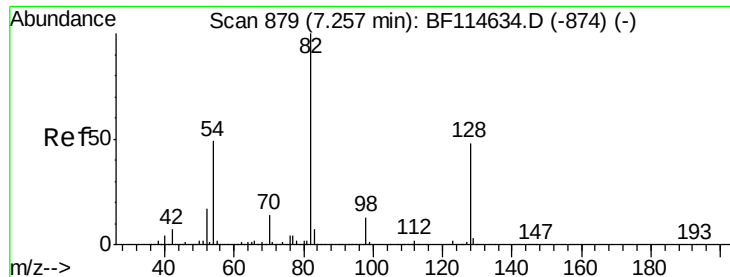
Tgt Ion: 70 Resp: 260778
Ion Ratio Lower Upper
70 100
42 44.7 44.4 66.6
101 0.0 8.2 12.4#
130 2.3 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Tgt Ion: 136 Resp: 1475404
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 6.3 6.3 9.5#
68 5.6 5.4 8.0

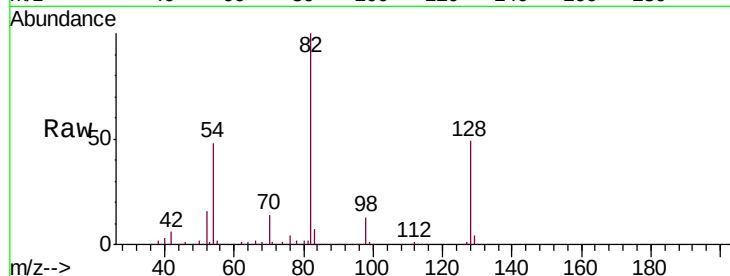




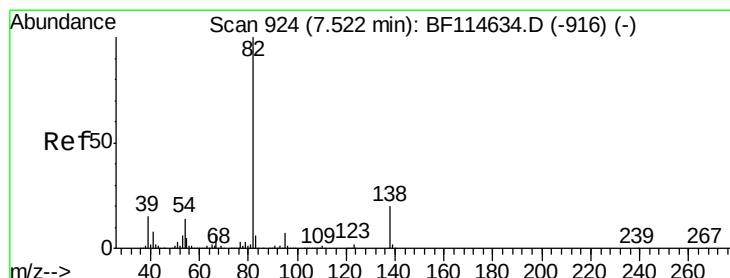
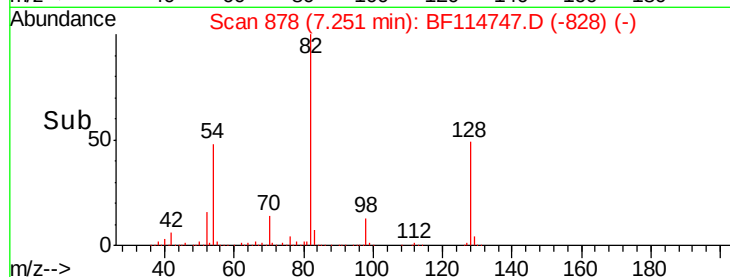
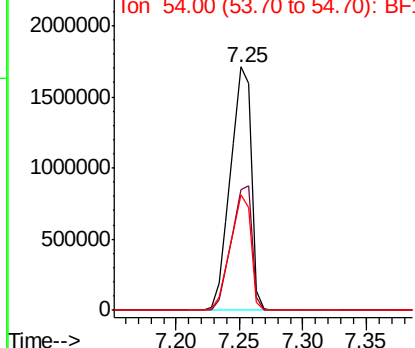
#23
Nitrobenzene-d5
Concen: 82.012 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Instrument :
BNA_F
ClientSampleId :
0429-HR-9(HACKENSACK)

Tgt Ion: 82 Resp: 1939450
Ion Ratio Lower Upper
82 100
128 49.4 38.5 57.7
54 47.7 39.1 58.7

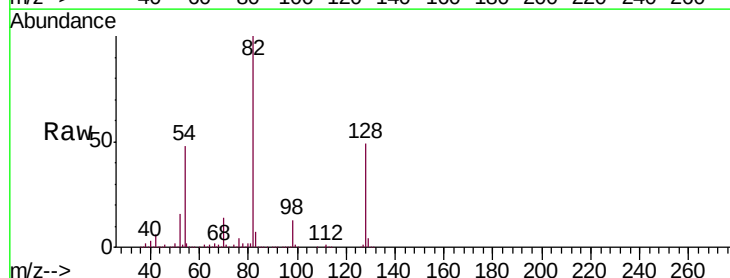


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

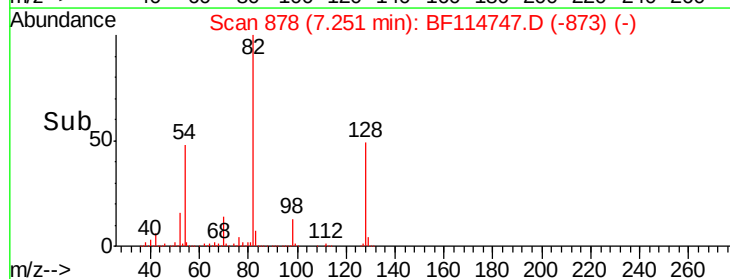
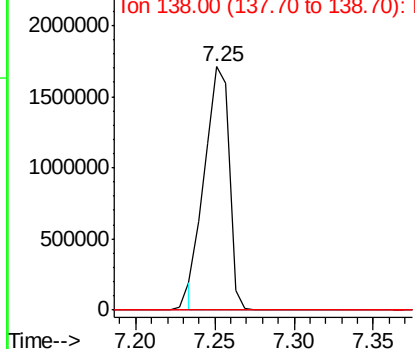


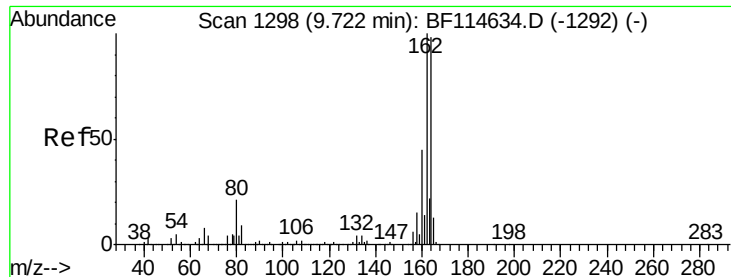
#25
Isophorone
Concen: 39.141 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Tgt Ion: 82 Resp: 1857608
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

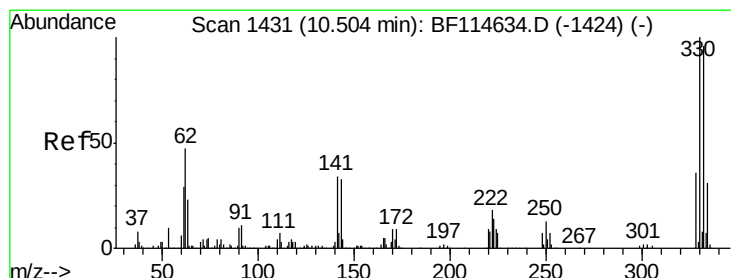
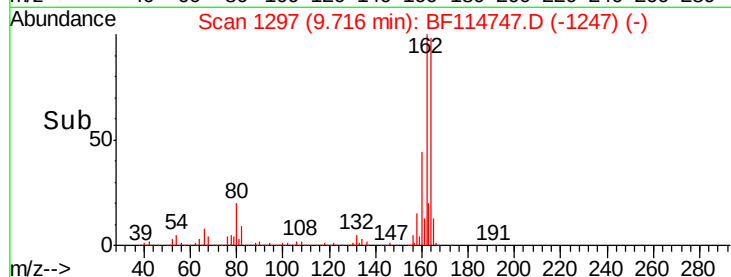
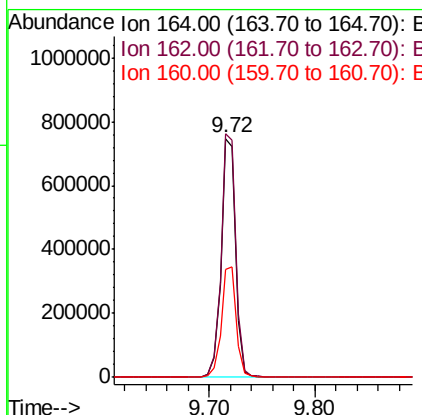
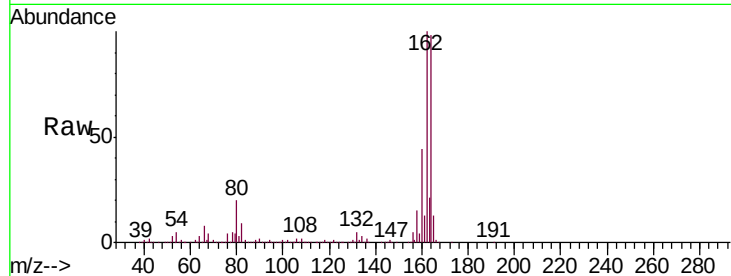




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

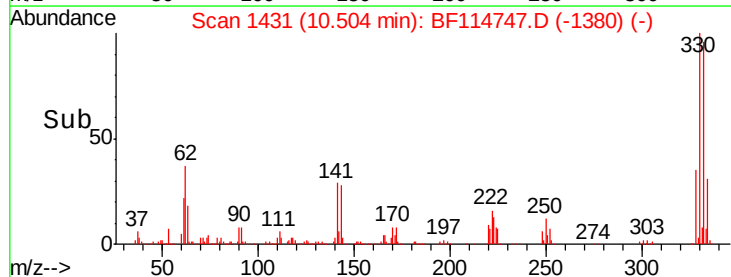
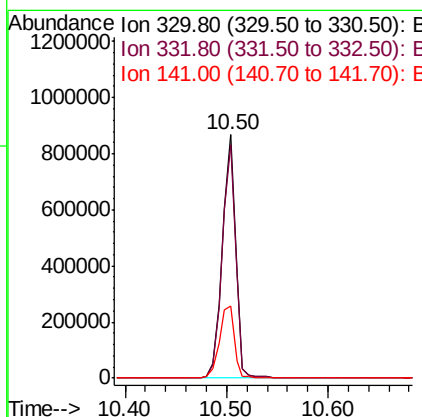
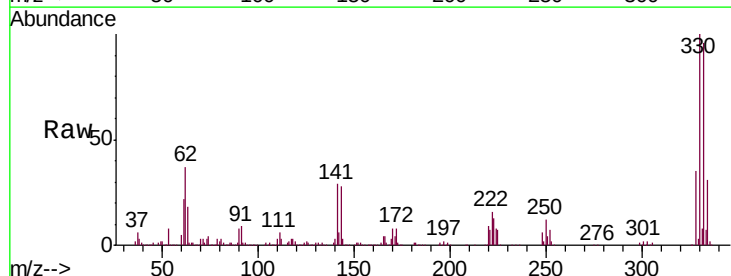
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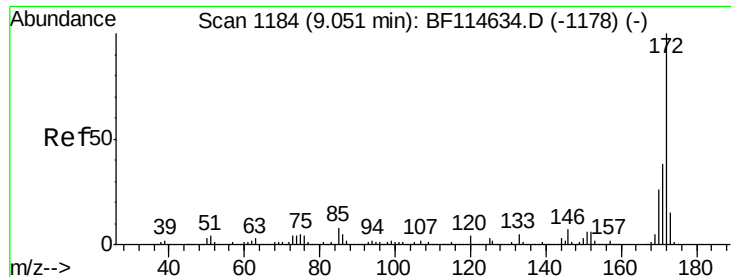
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.2
160	45.3	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 115.720 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.8
141	33.1	27.8	41.8

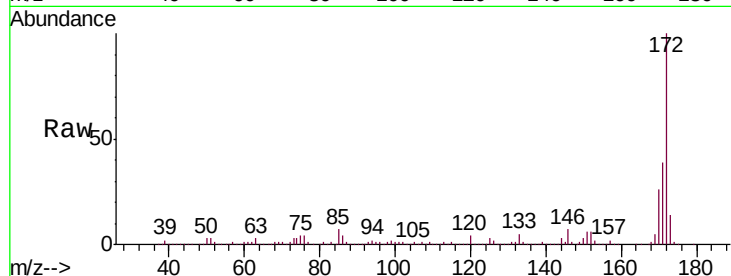




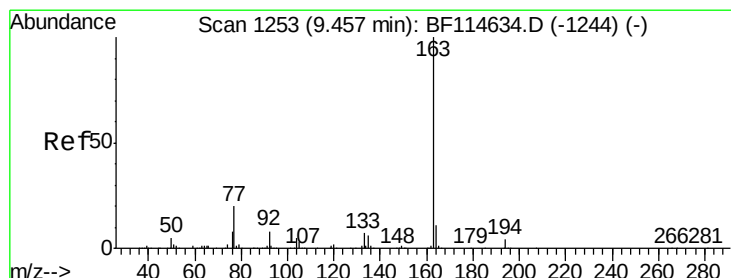
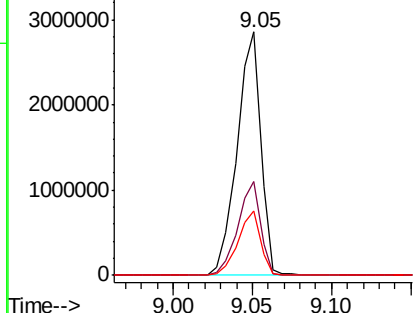
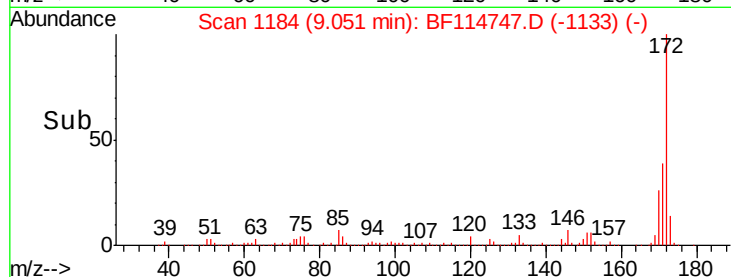
#45
 2-Fluorobiphenyl
 Concen: 75.429 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tgt Ion:172 Resp: 2968383
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.6 45.8
 170 26.4 20.7 31.1

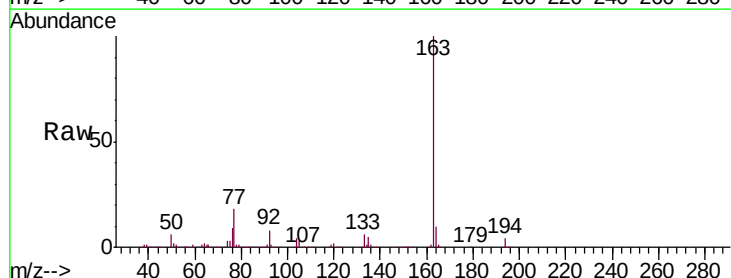


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

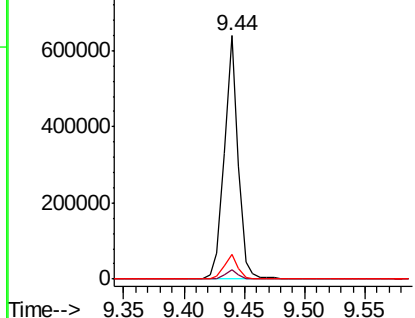
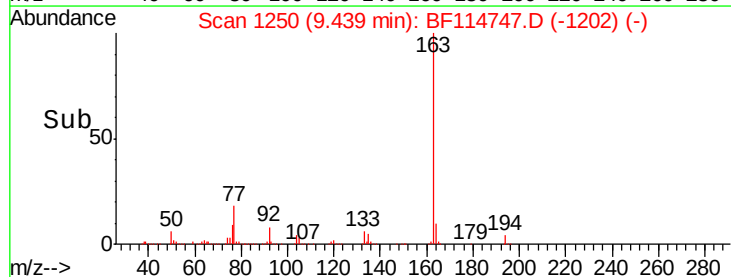


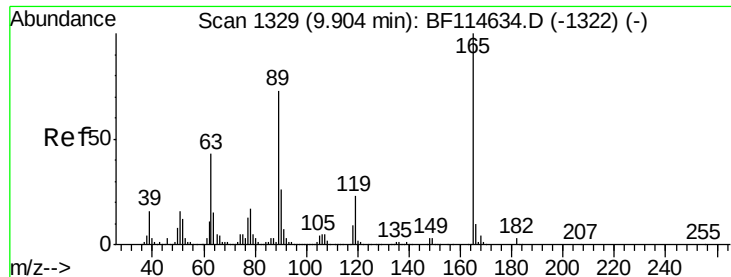
#50
 Dimethylphthalate
 Concen: 10.009 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Tgt Ion:163 Resp: 503560
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.4 5.0
 164 10.0 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

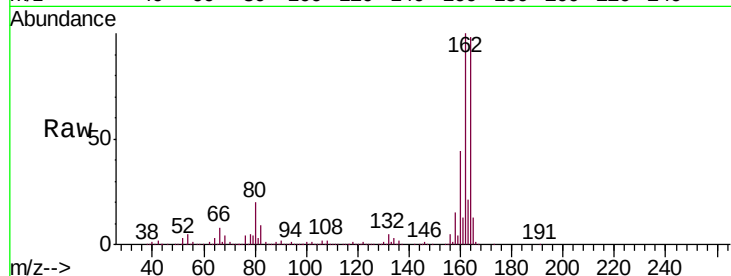




#57
 2,4-Dinitrotoluene
 Concen: 6.327 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.19 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#

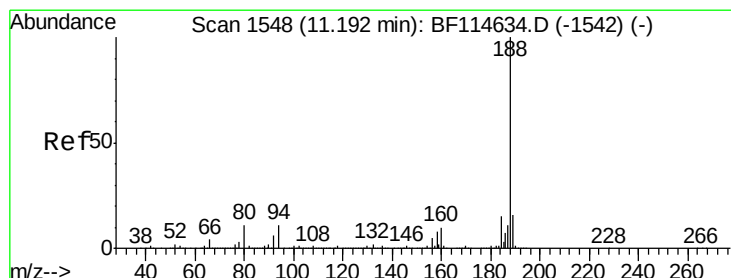
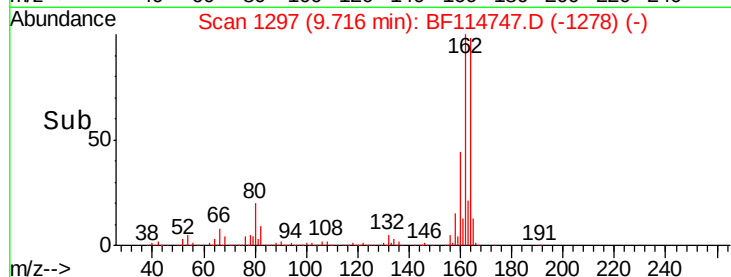
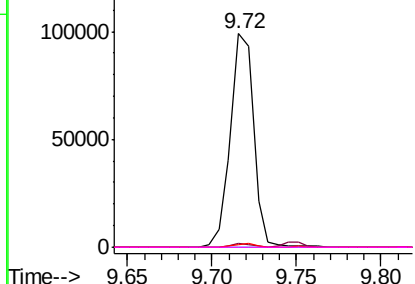


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

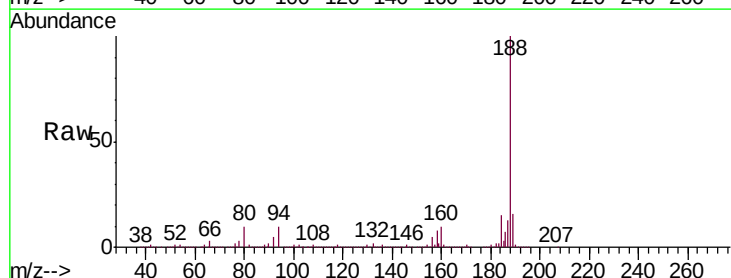
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

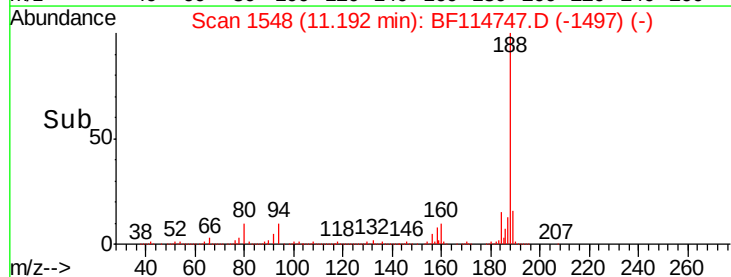
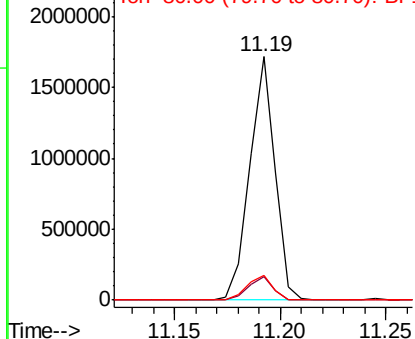
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	10.3	9.0	13.6

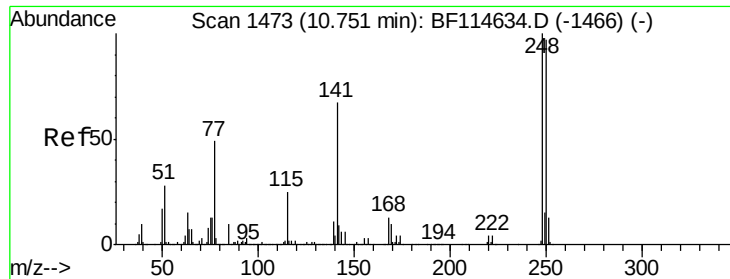


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

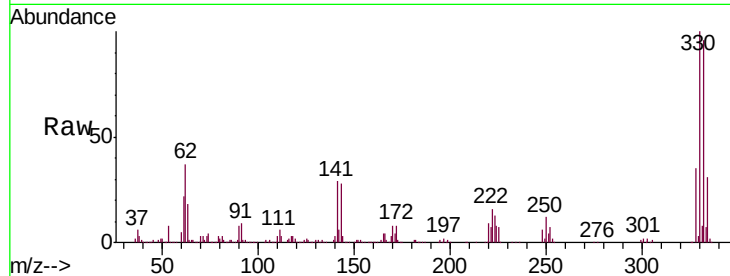




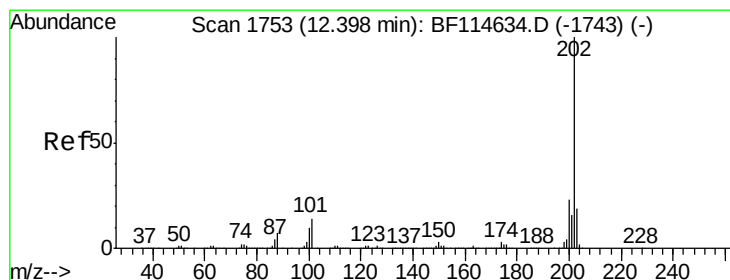
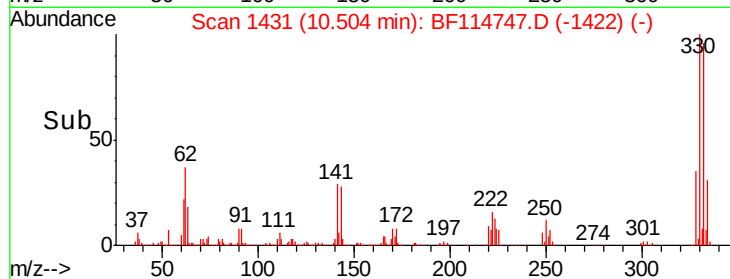
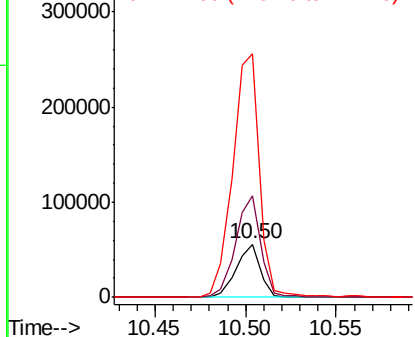
#67
 4-Bromophenyl-phenylether
 Concen: 3.370 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tgt Ion:248 Resp: 51592
 Ion Ratio Lower Upper
 248 100
 250 190.7 78.0 117.0#
 141 456.3 53.8 80.8#

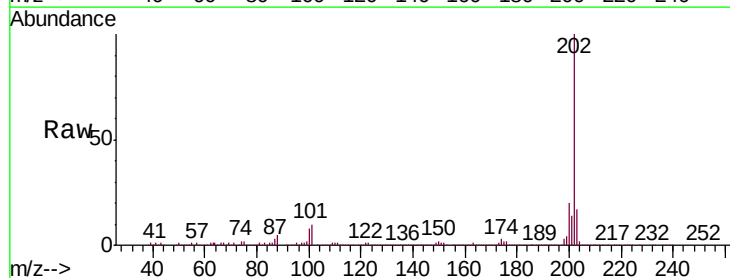


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

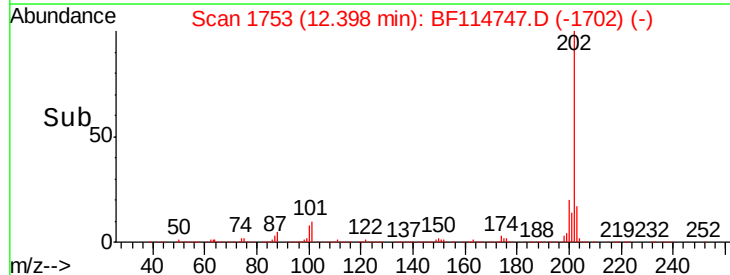
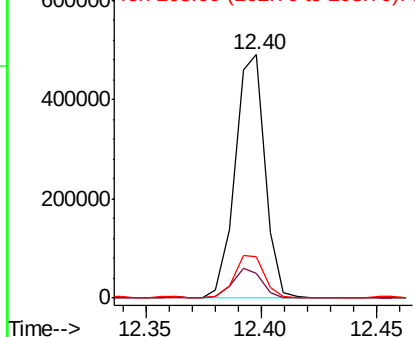


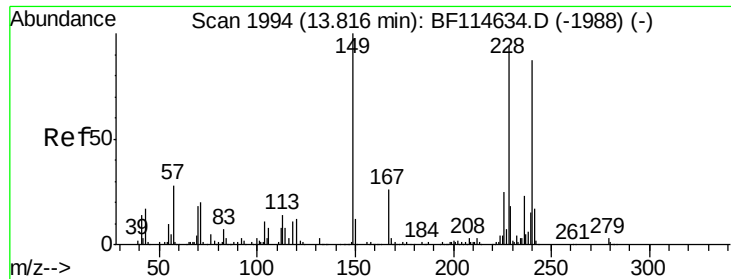
#75
 Fluoranthene
 Concen: 5.825 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Tgt Ion:202 Resp: 439300
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 33.9
 203 16.8 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

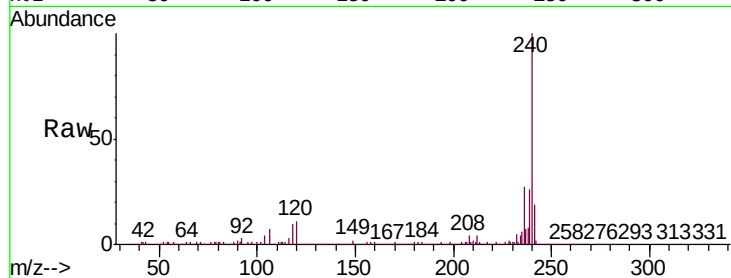




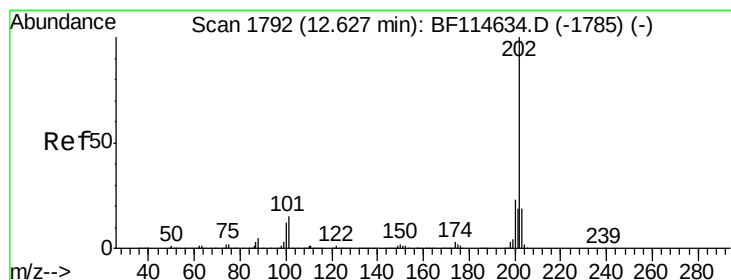
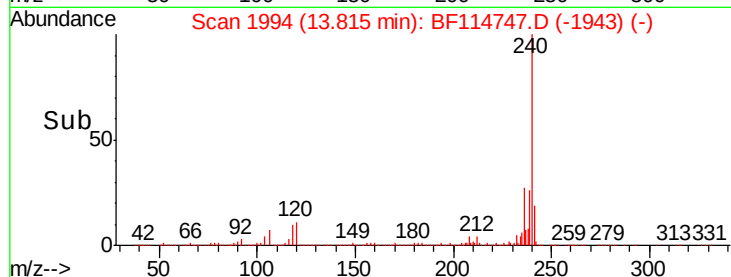
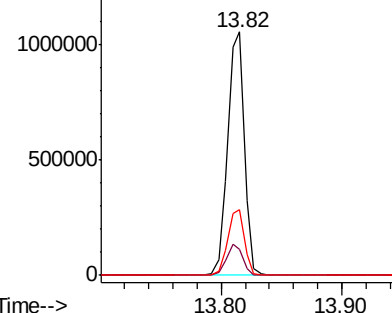
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Instrument :
BNA_F
ClientSampleId :
0429-HR-9(HACKENSACK)

Tgt Ion:240 Resp: 1023706
Ion Ratio Lower Upper
240 100
120 10.9 11.2 16.8#
236 27.1 21.2 31.8

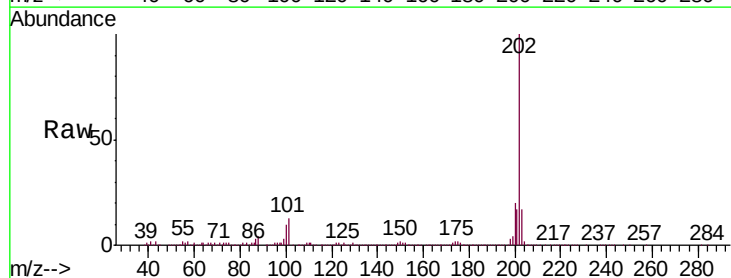


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

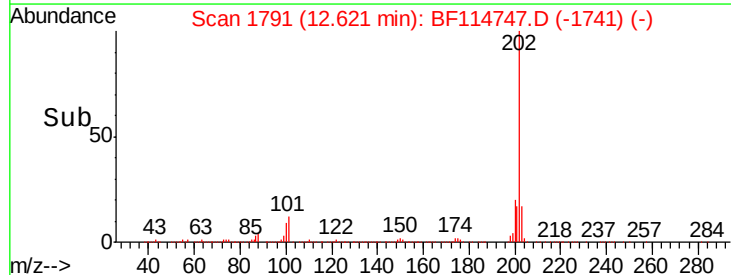
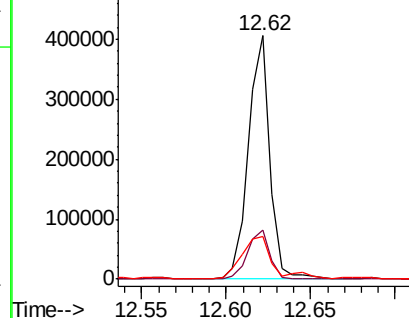


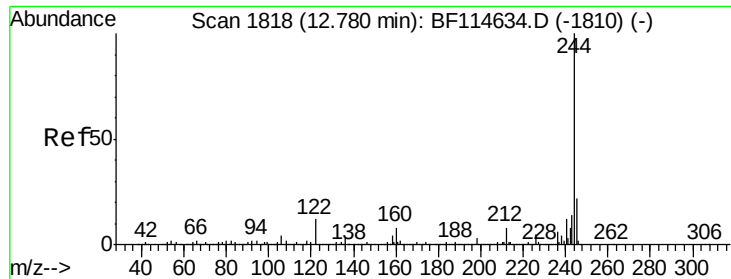
#78
Pyrene
Concen: 4.104 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Tgt Ion:202 Resp: 355354
Ion Ratio Lower Upper
202 100
200 20.3 18.6 28.0
203 17.3 15.4 23.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

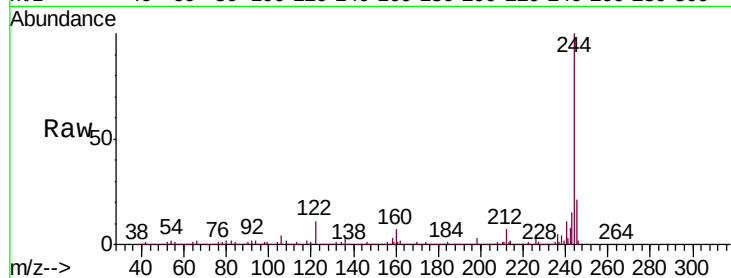




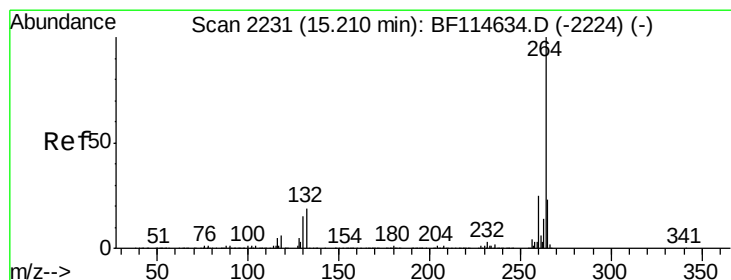
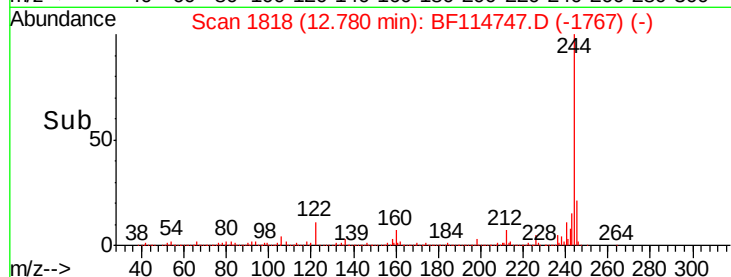
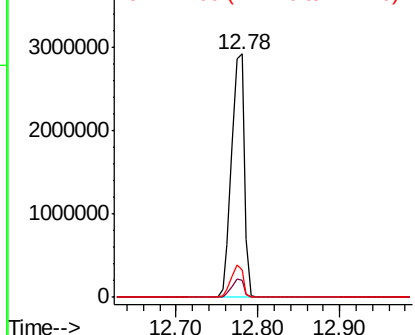
#79
 Terphenyl-d14
 Concen: 59.033 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tgt Ion:244 Resp: 3214254
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.3 9.8 14.8

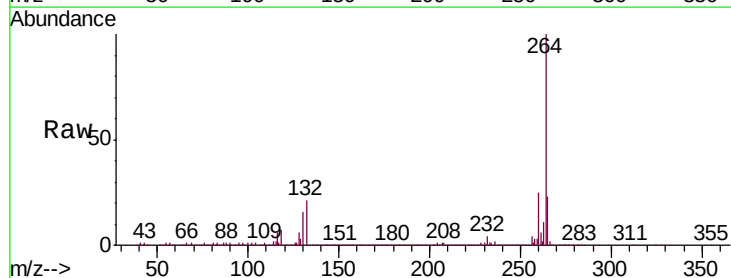


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

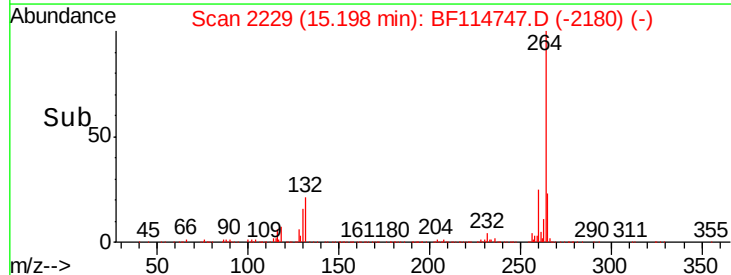
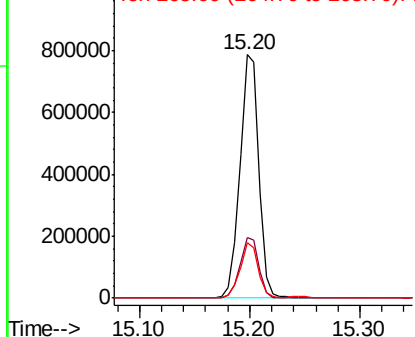


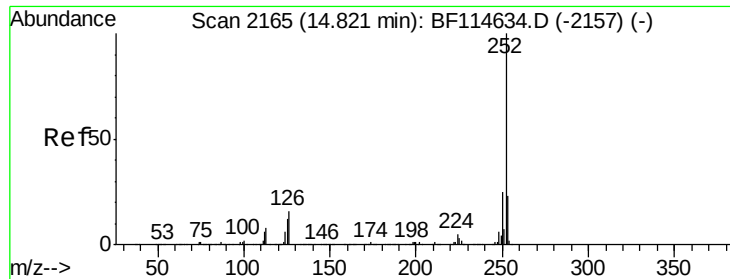
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114747.D
 Acq: 1 Jun 2019 10:53

Tgt Ion:264 Resp: 946180
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 22.6 18.1 27.1



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

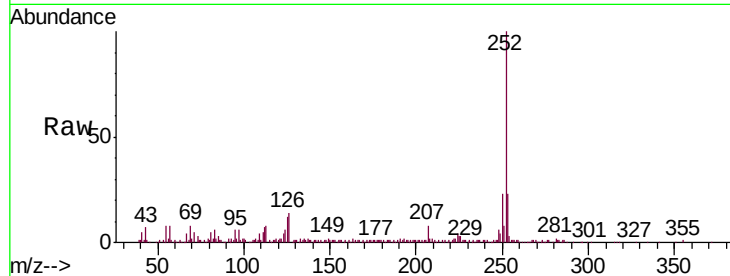




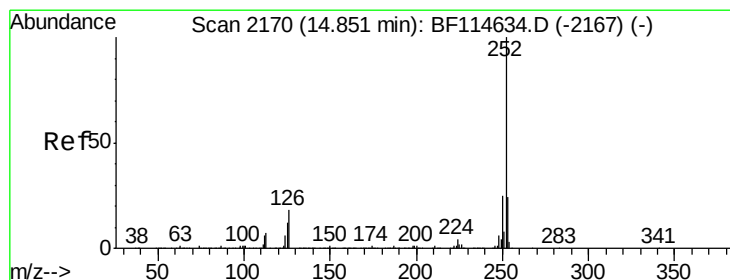
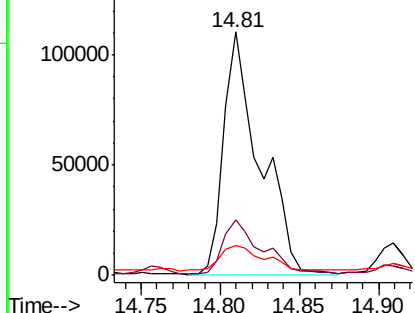
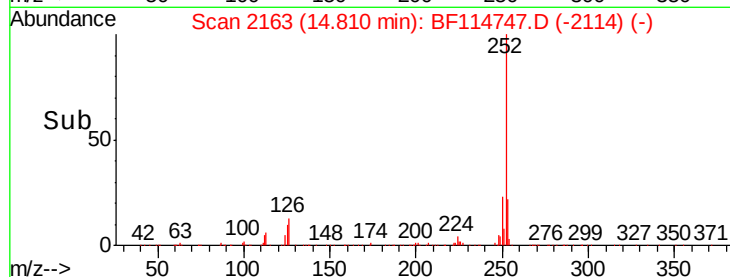
#88
Benzo(b)fluoranthene
Concen: 2.937 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Instrument :
BNA_F
ClientSampleId :
0429-HR-9(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	12.4	9.4	14.2

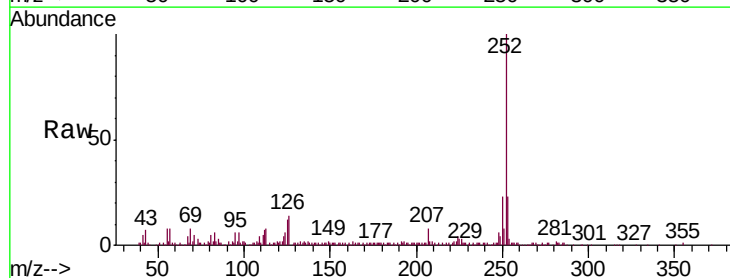


Abundance Ion 252.00 (251.70 to 252.70): E
150000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.380 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF114747.D
Acq: 1 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	12.4	9.5	14.3



Abundance Ion 252.00 (251.70 to 252.70): E
150000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

