

Data File : BF114750.D
Acq On : 1 Jun 2019 12:13
Operator : HP/JU
Sample : K3097-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0426-HR-6(HACKENSACK)

Quant Time: Jun 03 01:34:59 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	348153	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1331412	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	644422	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1196610	20.00	ng	0.00
76) Chrysene-d12	13.81	240	754308	20.00	ng	0.00
87) Perylene-d12	15.20	264	862751	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1706374	86.05	ng	0.01
7) Phenol-d6	6.33	99	2104748	88.08	ng	0.00
23) Nitrobenzene-d5	7.25	82	1243377	58.26	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	464274	75.61	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2085976	55.20	ng	0.00
79) Terphenyl-d14	12.77	244	1959615	48.84	ng	0.00

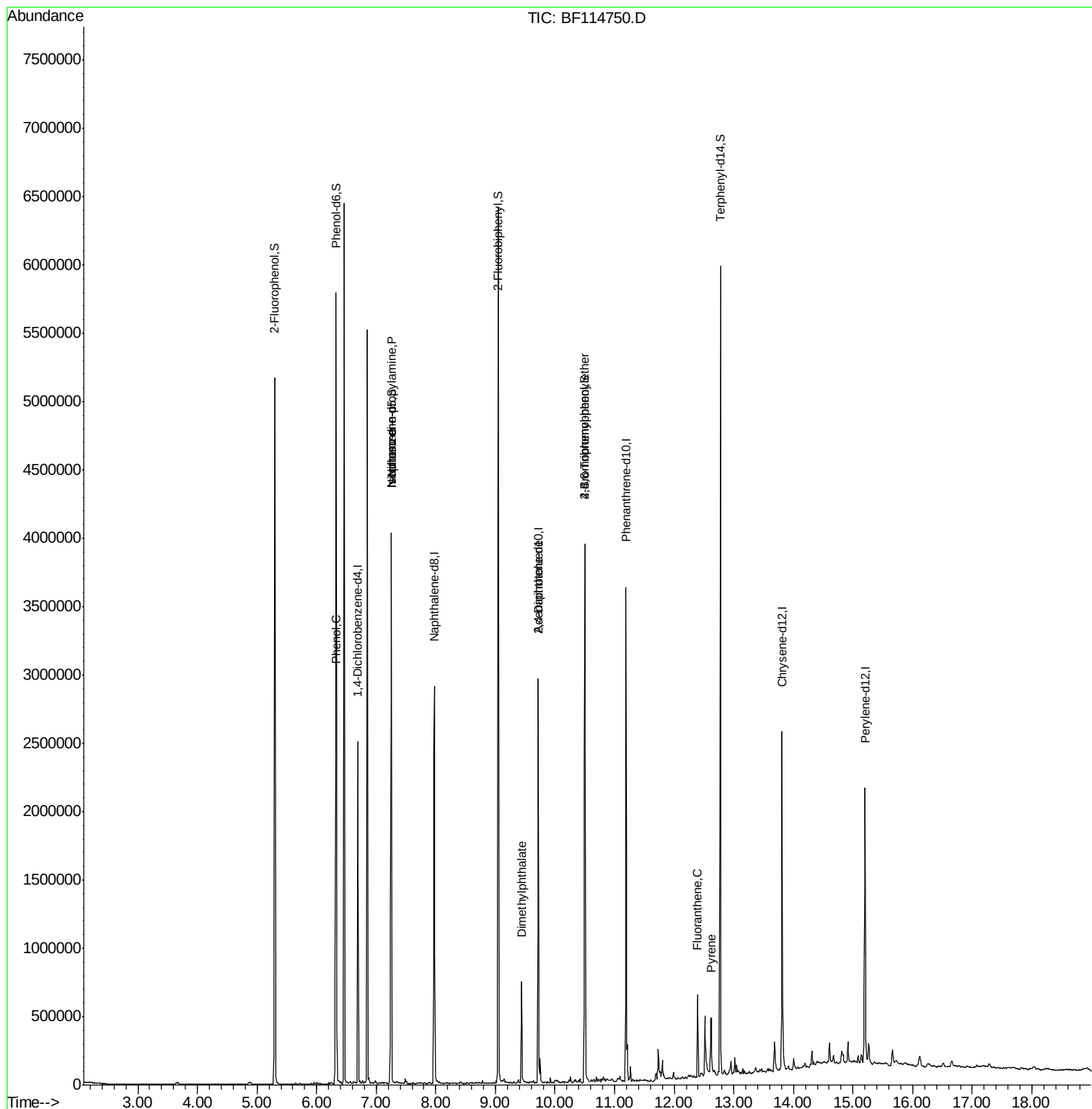
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	38965	Below Cal		81
10) Phenol	6.34	94	81990	2.840 ng		85
19) n-Nitroso-di-n-propylamine	7.25	70	169028	10.248 ng	#	76
25) Isophorone	7.25	82	1201109	28.045 ng	#	63
50) Dimethylphthalate	9.44	163	281062	6.259 ng		99
57) 2,4-Dinitrotoluene	9.72	165	82736	6.178 ng	#	24
58) Fluorene	10.26	166	12146	Below Cal		97
67) 4-Bromophenyl-phenylether	10.50	248	29829	2.325 ng	#	1
74) Di-n-butylphthalate	11.76	149	3986	Below Cal	#	76
75) Fluoranthene	12.39	202	228417	3.614 ng		96
78) Pyrene	12.62	202	172390	2.702 ng		95

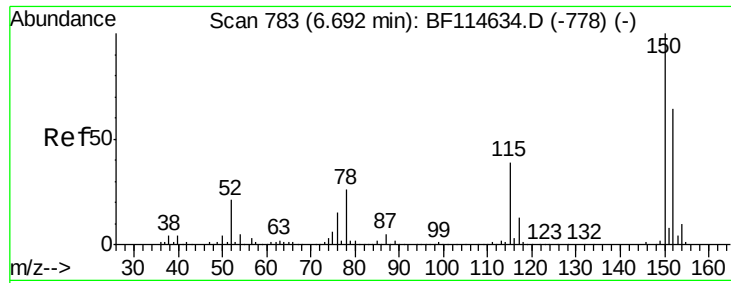
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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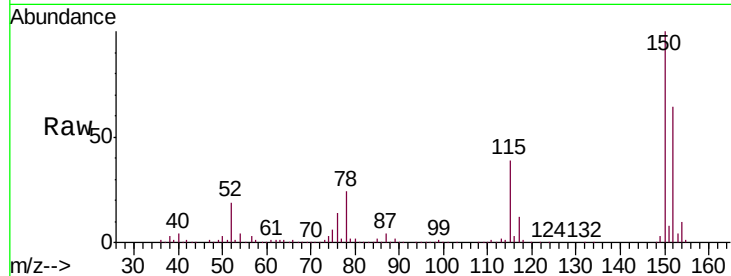


#1

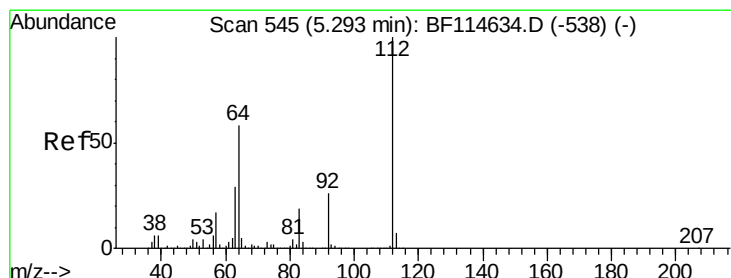
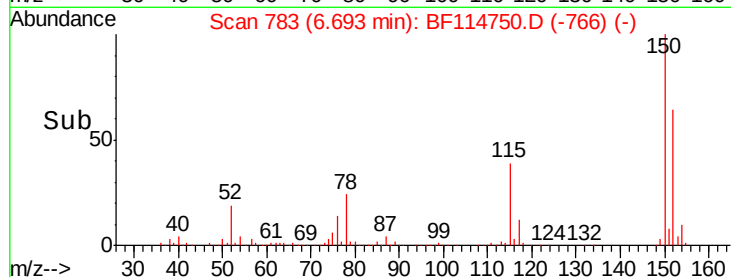
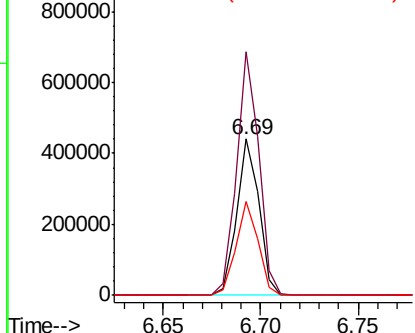
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Instrument :
BNA_F
ClientSampleId :
0426-HR-6(HACKENSACK)

Tgt Ion:152 Resp: 348153
Ion Ratio Lower Upper
152 100
150 155.9 124.4 186.6
115 60.3 48.7 73.1



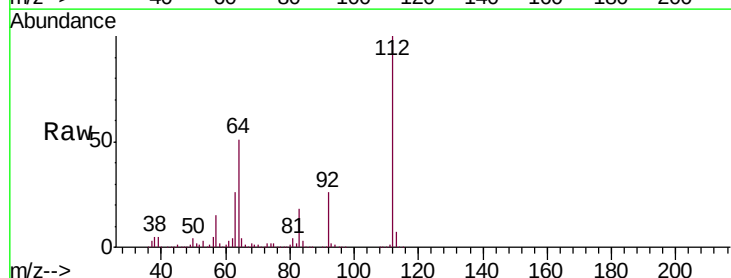
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



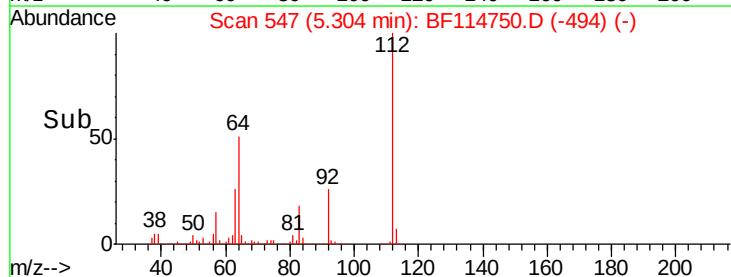
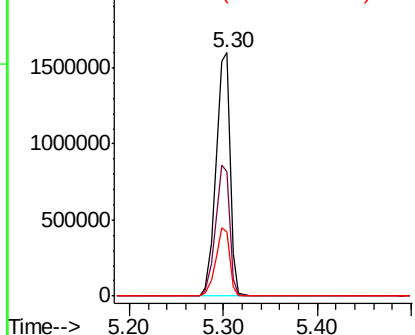
#5

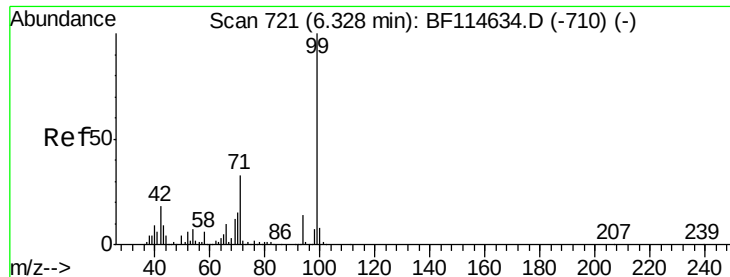
2-Fluorophenol
Concen: 86.051 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Tgt Ion:112 Resp: 1706374
Ion Ratio Lower Upper
112 100
64 50.9 46.1 69.1
63 26.4 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: 88.081 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

Instrument :

BNA_F

ClientSampleId :

0426-HR-6(HACKENSACK)

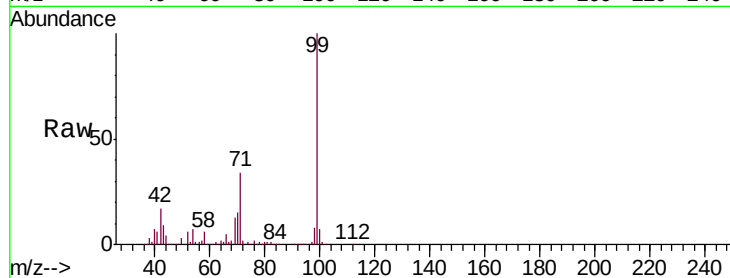
Tgt Ion: 99 Resp: 2104748

Ion Ratio Lower Upper

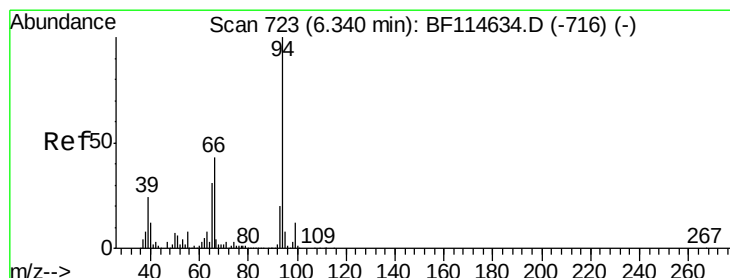
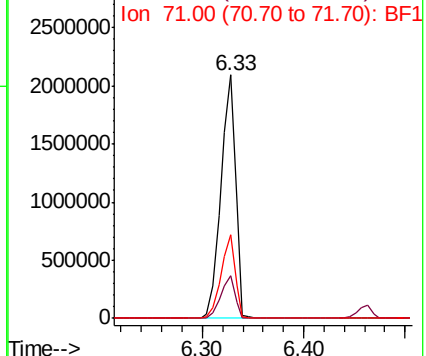
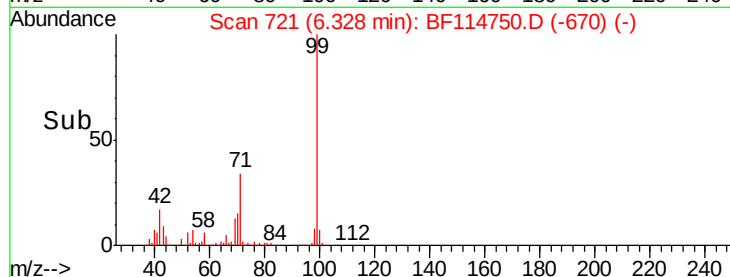
99 100

42 17.3 14.7 22.1

71 34.3 26.6 40.0



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



#10

Phenol

Concen: 2.840 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

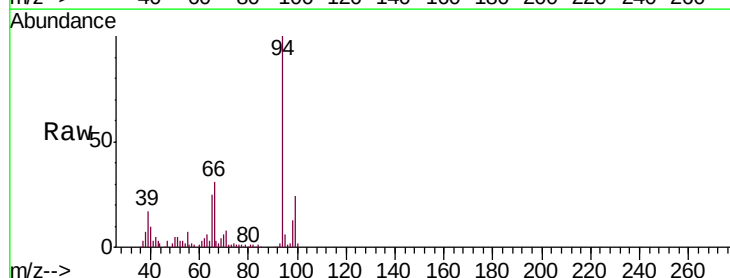
Tgt Ion: 94 Resp: 81990

Ion Ratio Lower Upper

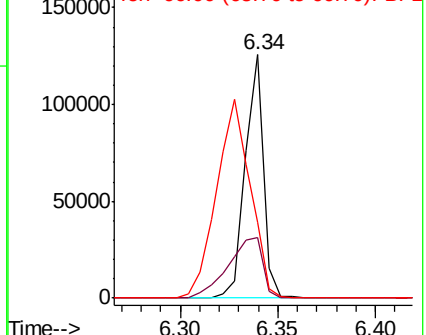
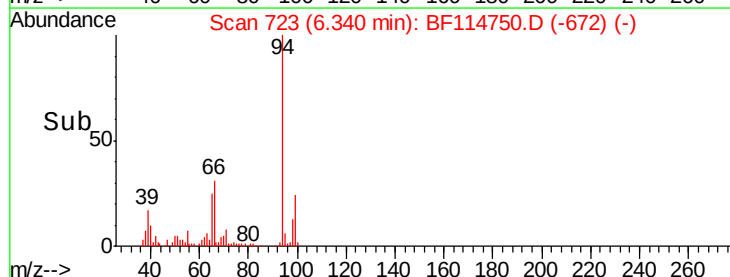
94 100

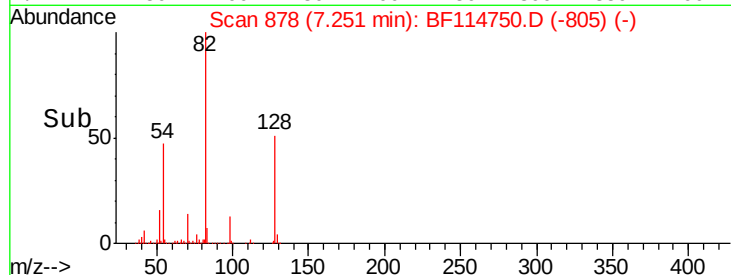
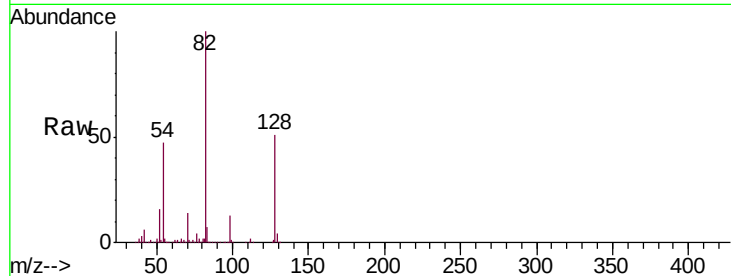
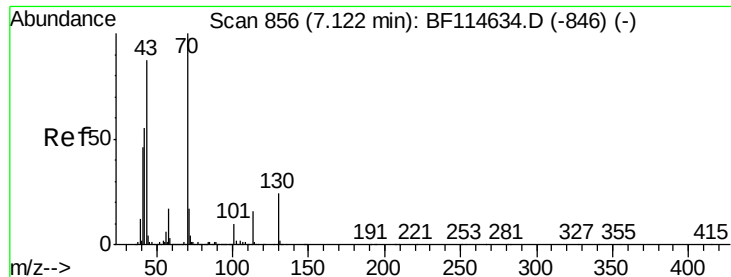
65 24.9 11.0 51.0

66 31.2 23.0 63.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

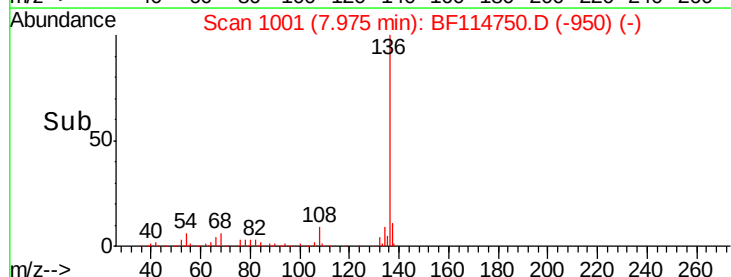
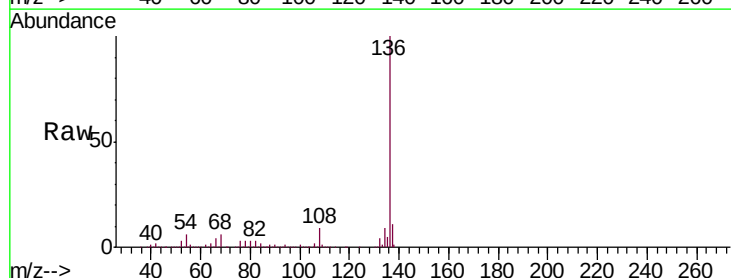
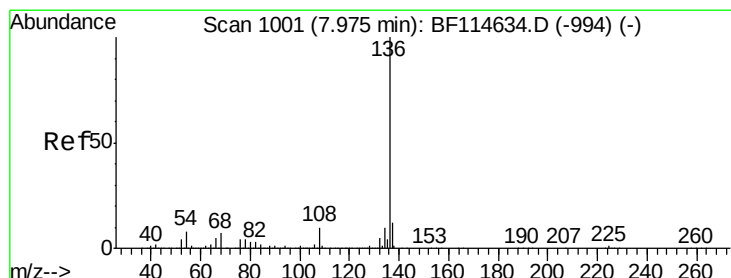
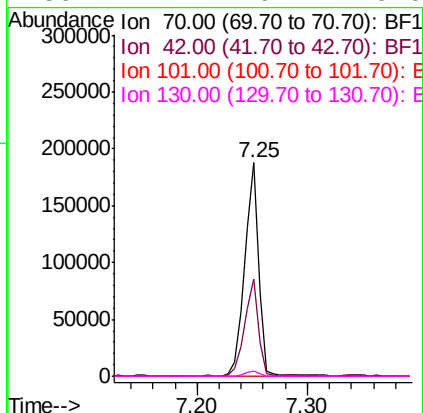




#19
n-Nitroso-di-n-propylamine
Concen: 10.248 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

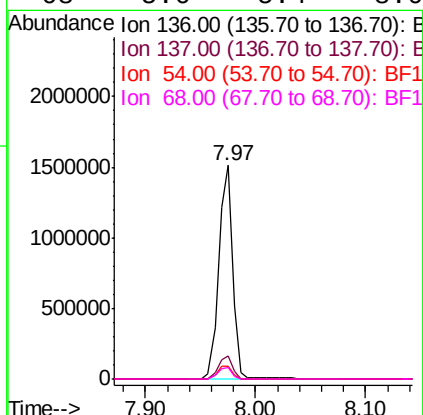
Instrument :
BNA_F
ClientSampleId :
0426-HR-6(HACKENSACK)

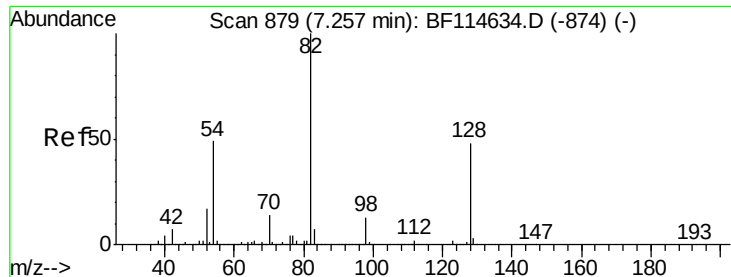
Tgt Ion:	70	Resp:	169028
Ion	Ratio	Lower	Upper
70	100		
42	45.4	44.4	66.6
101	0.0	8.2	12.4#
130	2.2	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Tgt Ion:	136	Resp:	1331412
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.2	6.3	9.5#
68	5.6	5.4	8.0





#23

Nitrobenzene-d5

Concen: 58.264 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

Instrument :

BNA_F

ClientSampleId :

0426-HR-6(HACKENSACK)

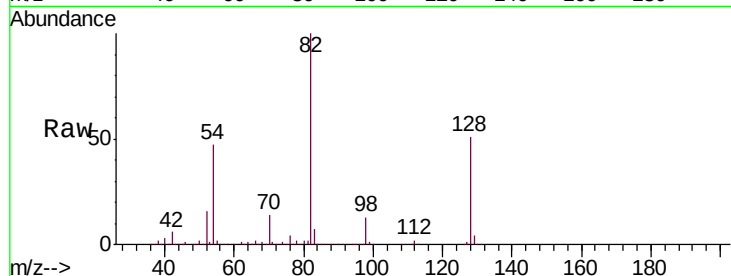
Tgt Ion: 82 Resp: 1243377

Ion Ratio Lower Upper

82 100

128 50.7 38.5 57.7

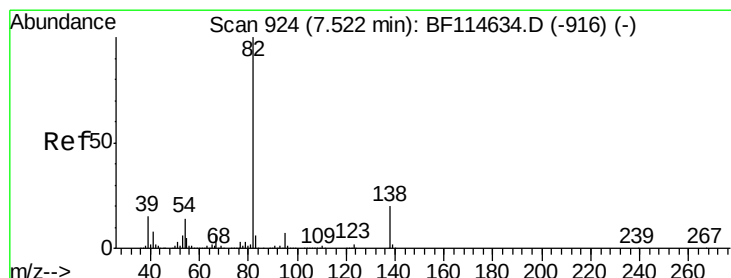
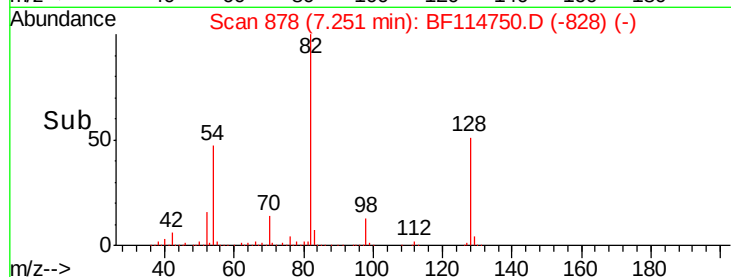
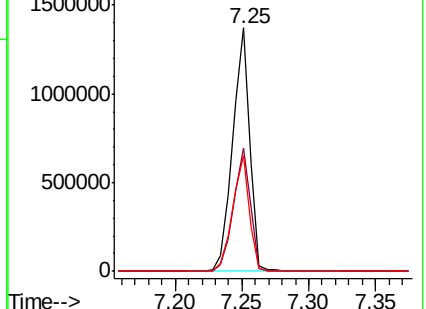
54 47.3 39.1 58.7



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: 28.045 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

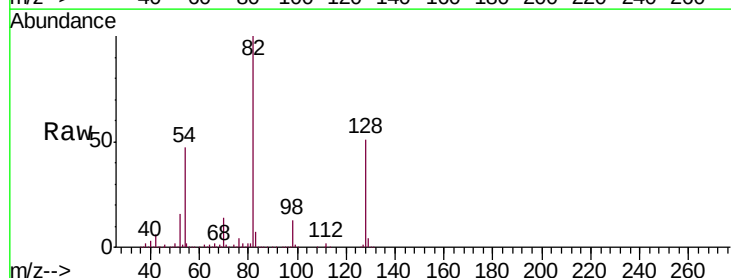
Tgt Ion: 82 Resp: 1201109

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

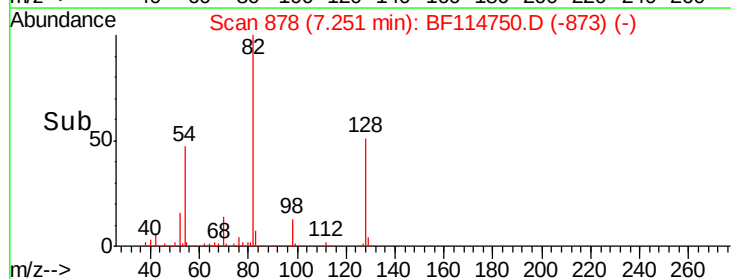
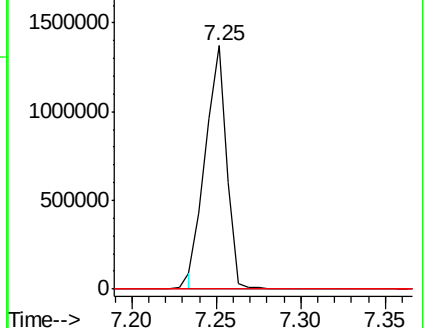
138 0.0 15.9 23.9#

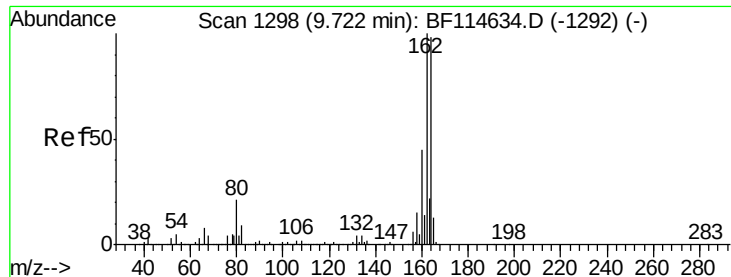


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

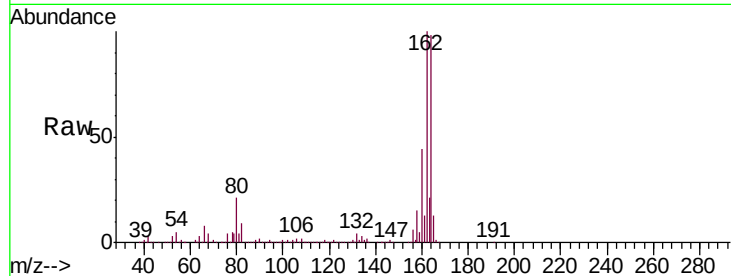




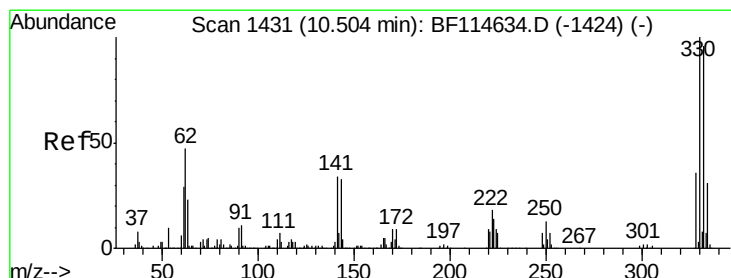
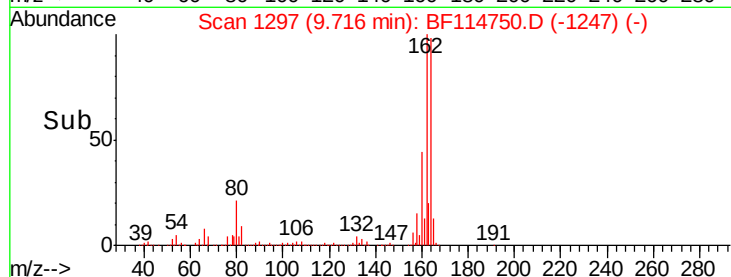
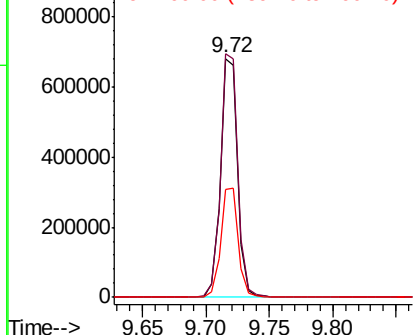
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 0426-HR-6(HACKENSACK)

Tgt Ion:164 Resp: 644422
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.2
 160 45.0 36.6 54.8

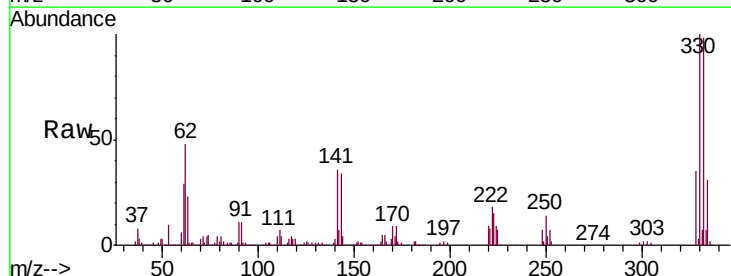


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

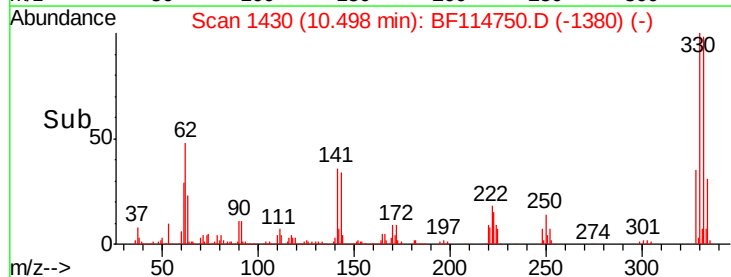
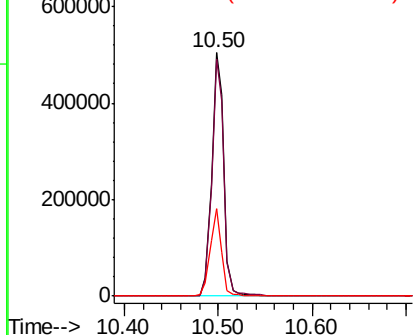


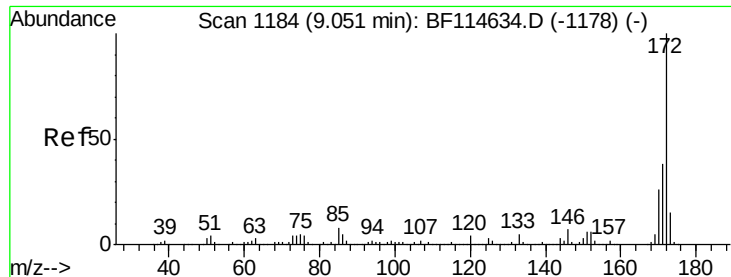
#42
 2,4,6-Tribromophenol
 Concen: 75.611 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Tgt Ion:330 Resp: 464274
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.8
 141 33.6 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

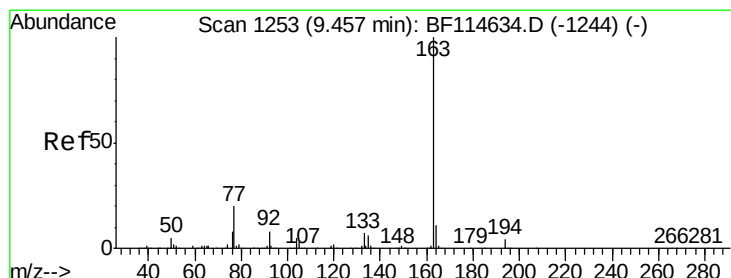
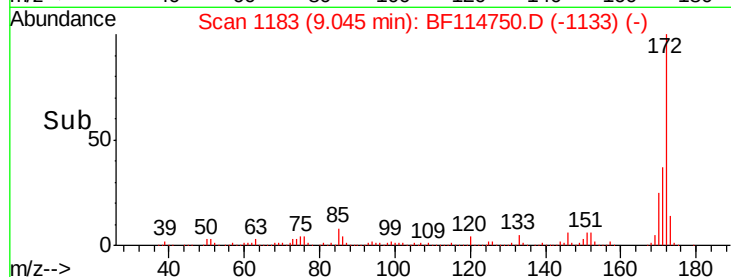
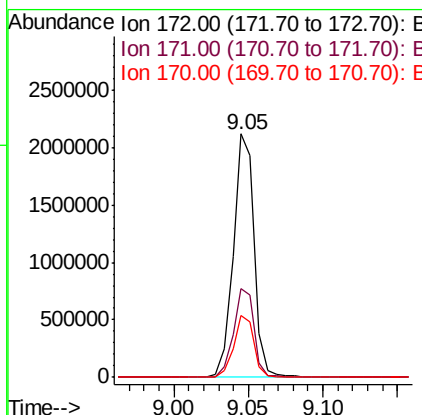
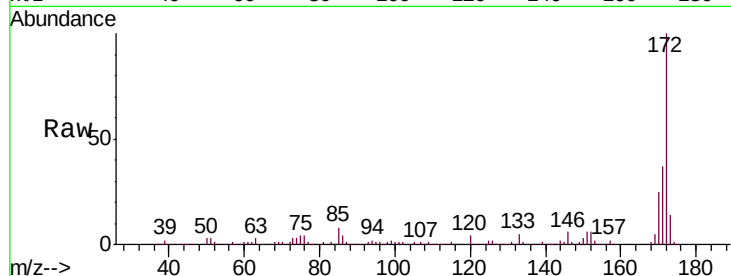




#45
2-Fluorobiphenyl
Concen: 55.195 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

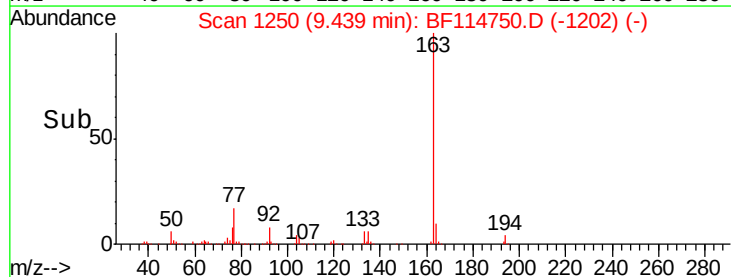
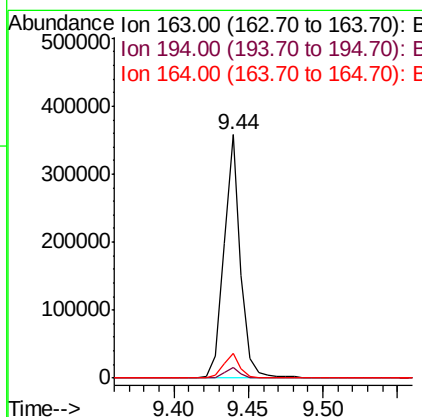
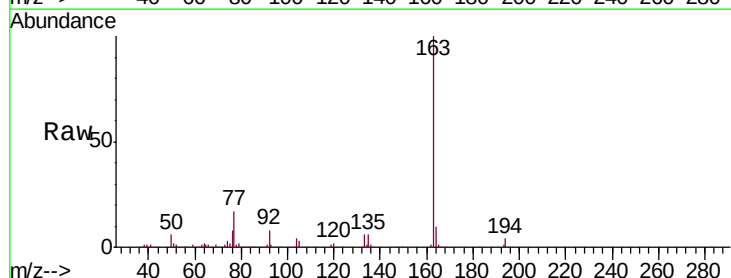
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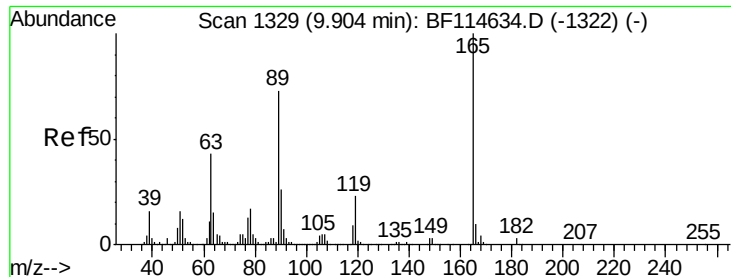
Tgt Ion:172 Resp: 2085976
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 25.4 20.7 31.1



#50
Dimethylphthalate
Concen: 6.259 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Tgt Ion:163 Resp: 281062
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.6 13.0

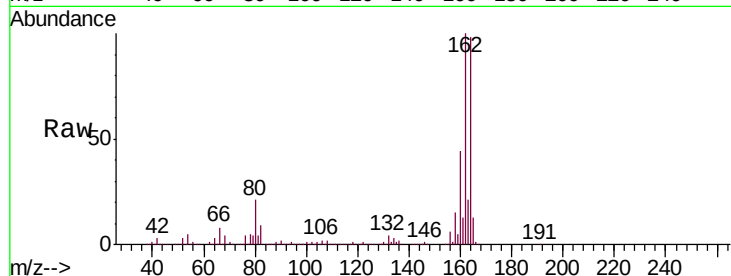




#57
2,4-Dinitrotoluene
Concen: 6.178 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Instrument :
BNA_F
ClientSampleId :
0426-HR-6(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

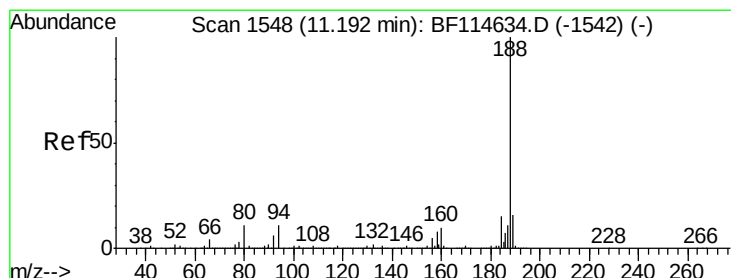
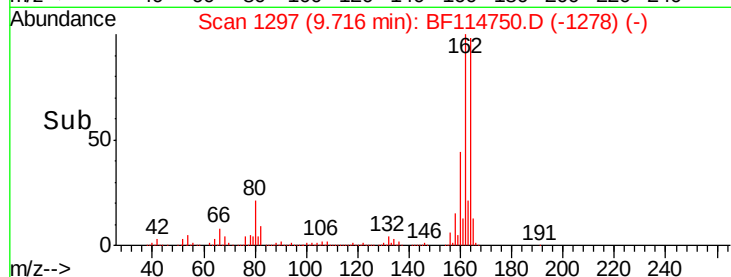
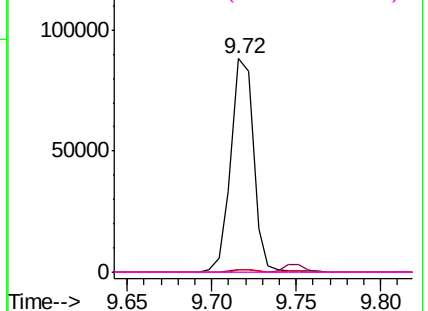


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

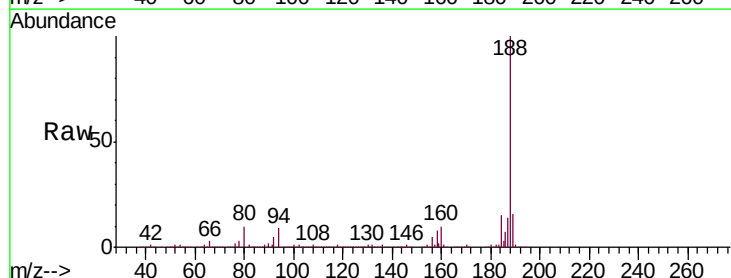
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

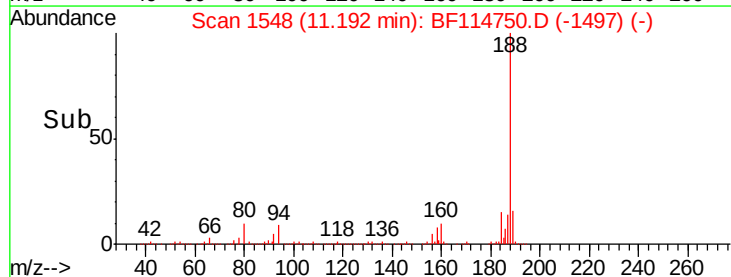
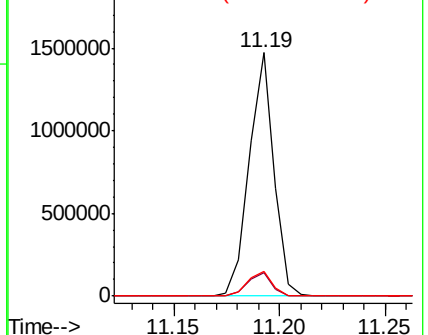
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.6	13.0
80	10.2	9.0	13.6

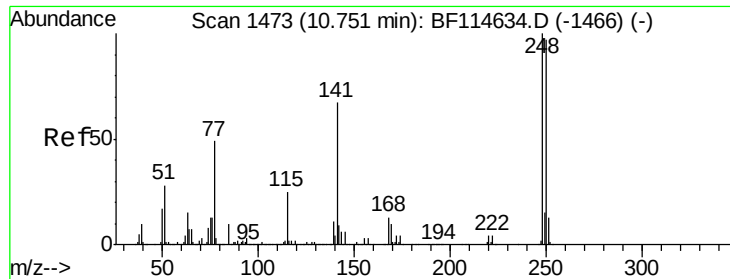


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

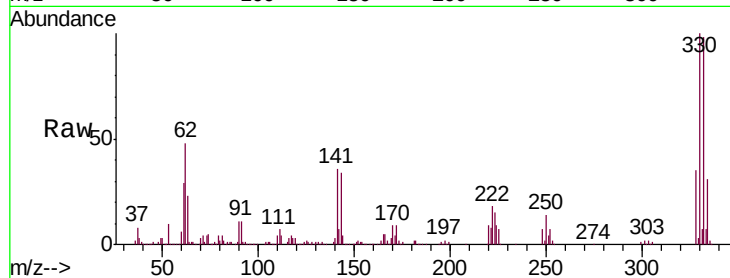




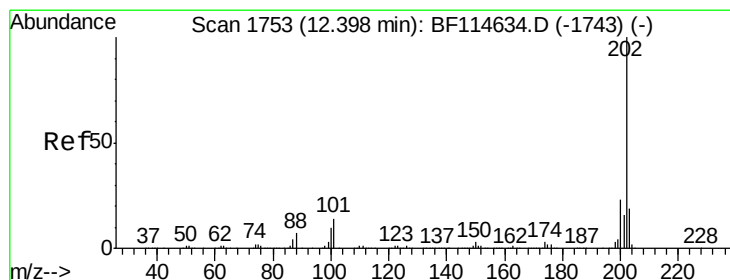
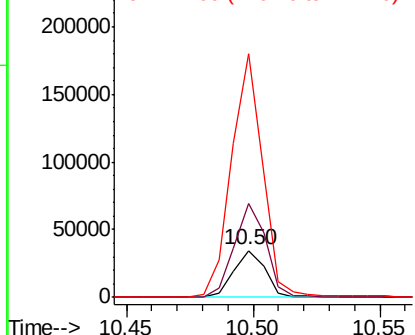
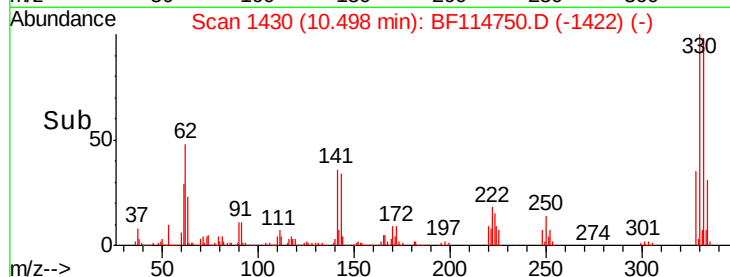
#67
 4-Bromophenyl-phenylether
 Concen: 2.325 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 0426-HR-6(HACKENSACK)

Tgt Ion:248 Resp: 29829
 Ion Ratio Lower Upper
 248 100
 250 200.9 78.0 117.0#
 141 520.7 53.8 80.8#

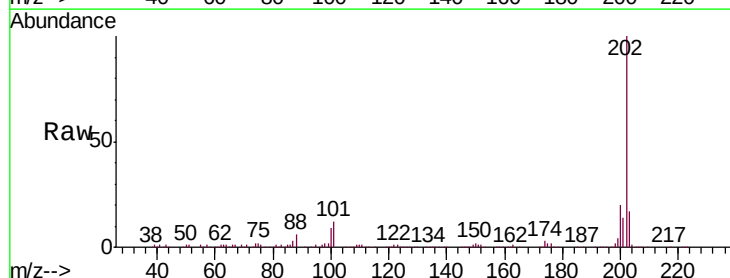


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

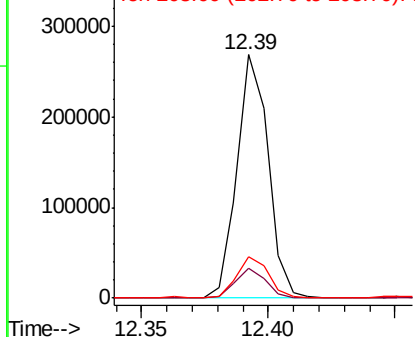
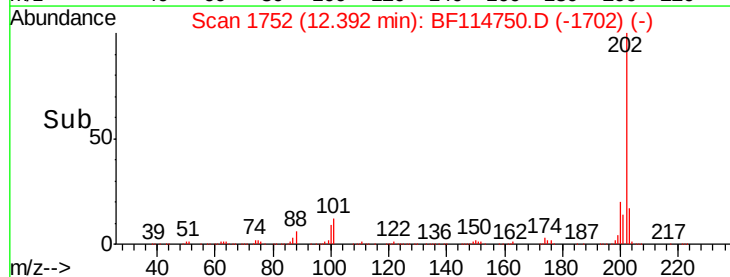


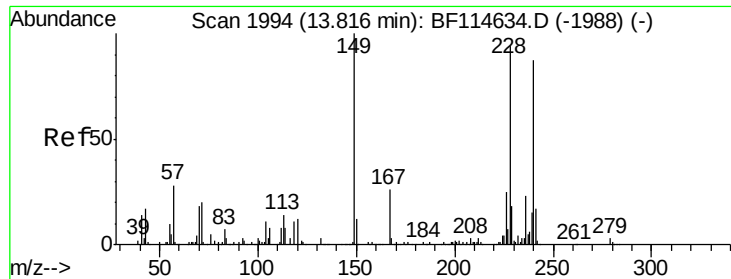
#75
 Fluoranthene
 Concen: 3.614 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Tgt Ion:202 Resp: 228417
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 33.9
 203 17.1 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

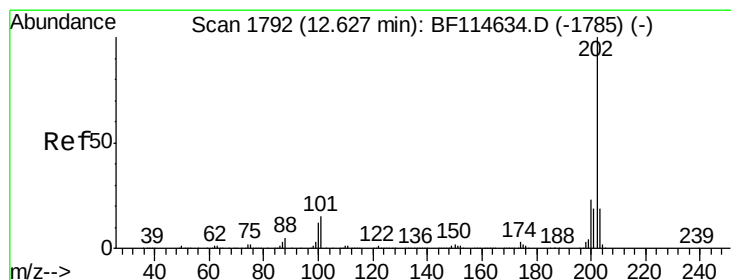
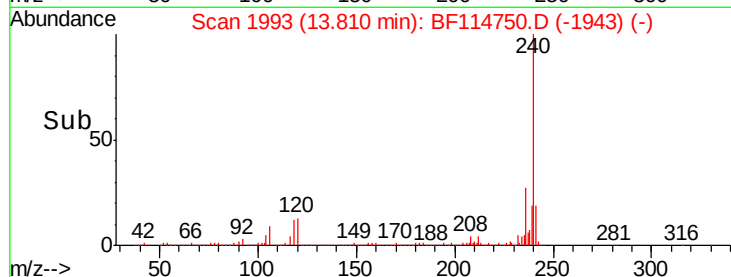
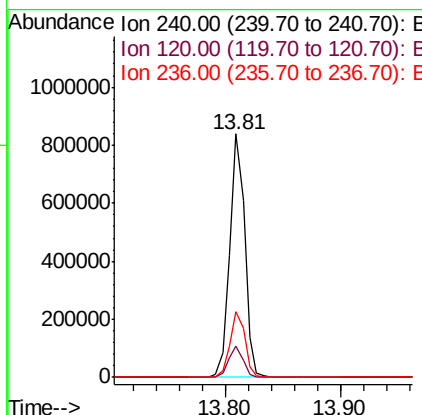
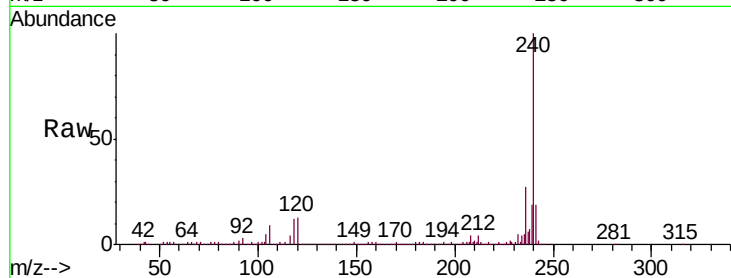




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

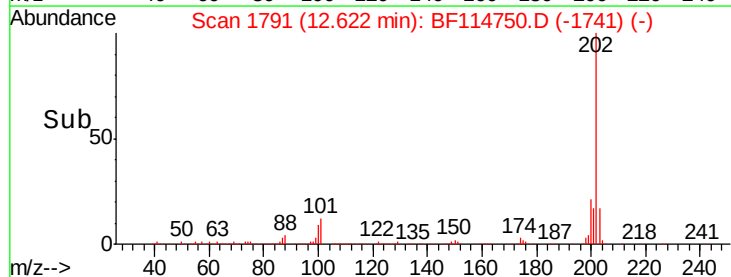
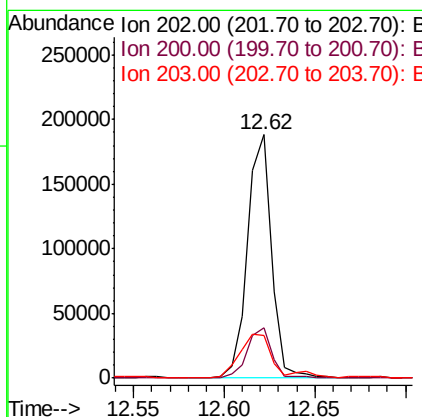
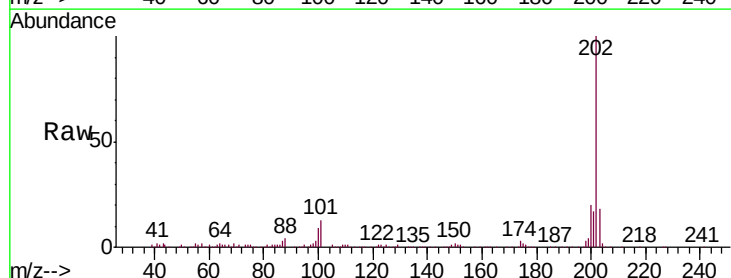
Instrument :
BNA_F
ClientSampleId :
0426-HR-6(HACKENSACK)

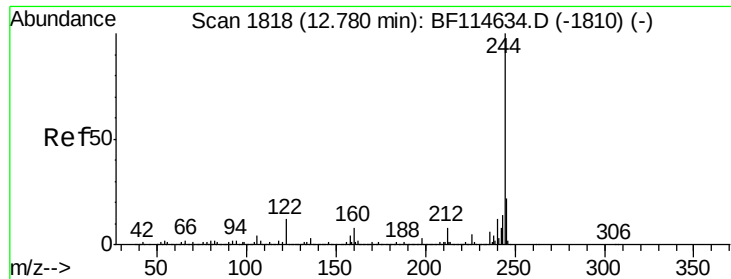
Tgt Ion:240 Resp: 754308
Ion Ratio Lower Upper
240 100
120 12.6 11.2 16.8
236 26.9 21.2 31.8



#78
Pyrene
Concen: 2.702 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114750.D
Acq: 1 Jun 2019 12:13

Tgt Ion:202 Resp: 172390
Ion Ratio Lower Upper
202 100
200 20.5 18.6 28.0
203 17.6 15.4 23.2

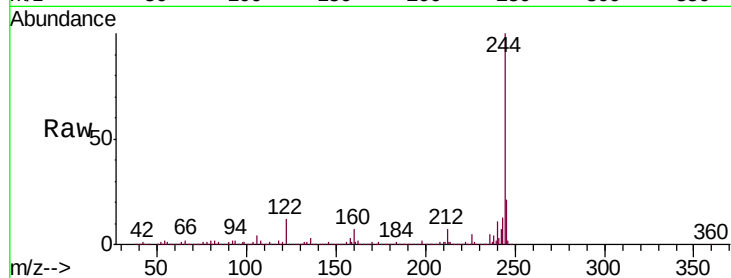




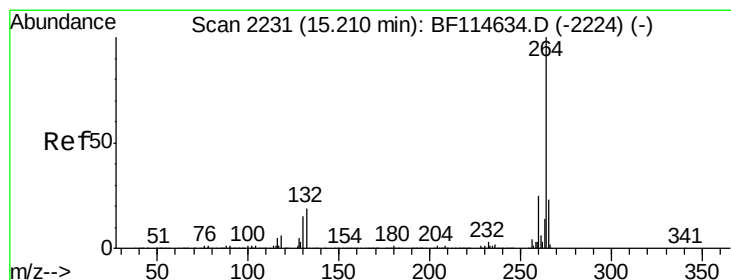
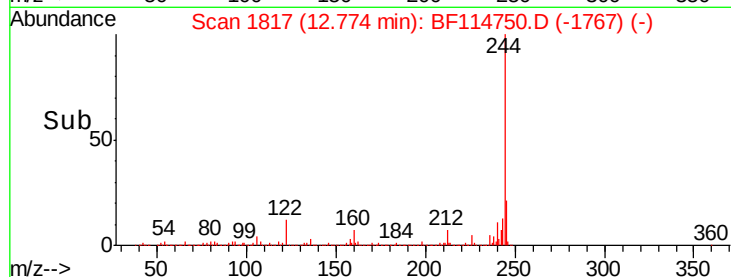
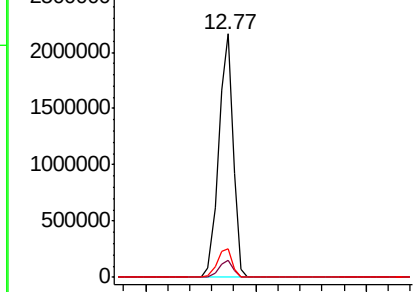
#79
 Terphenyl-d14
 Concen: 48.844 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 0426-HR-6(HACKENSACK)

Tgt Ion:244 Resp: 1959615
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.6 9.8 14.8

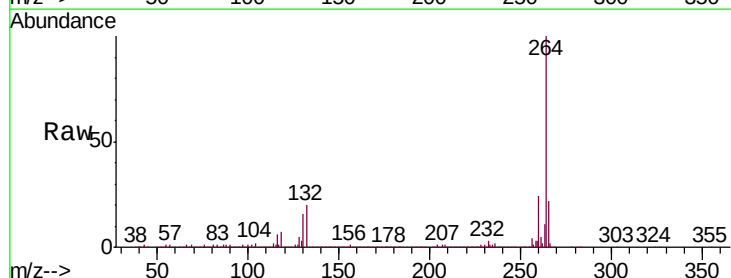


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114750.D
 Acq: 1 Jun 2019 12:13

Tgt Ion:264 Resp: 862751
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.7 29.5
 265 22.2 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

