

Data File : BF114745.D
Acq On : 1 Jun 2019 10:00
Operator : HP/JU
Sample : K3097-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Quant Time: Jun 03 01:33:27 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	357508	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1342724	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	668048	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1349568	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1081042	20.00	ng	0.00
87) Perylene-d12	15.20	264	949820	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2119857	104.11	ng	0.01
7) Phenol-d6	6.33	99	2594358	105.73	ng	0.00
23) Nitrobenzene-d5	7.25	82	1551829	72.11	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	646781	101.61	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2406419	63.65	ng	0.00
79) Terphenyl-d14	12.77	244	2723502	47.37	ng	0.00

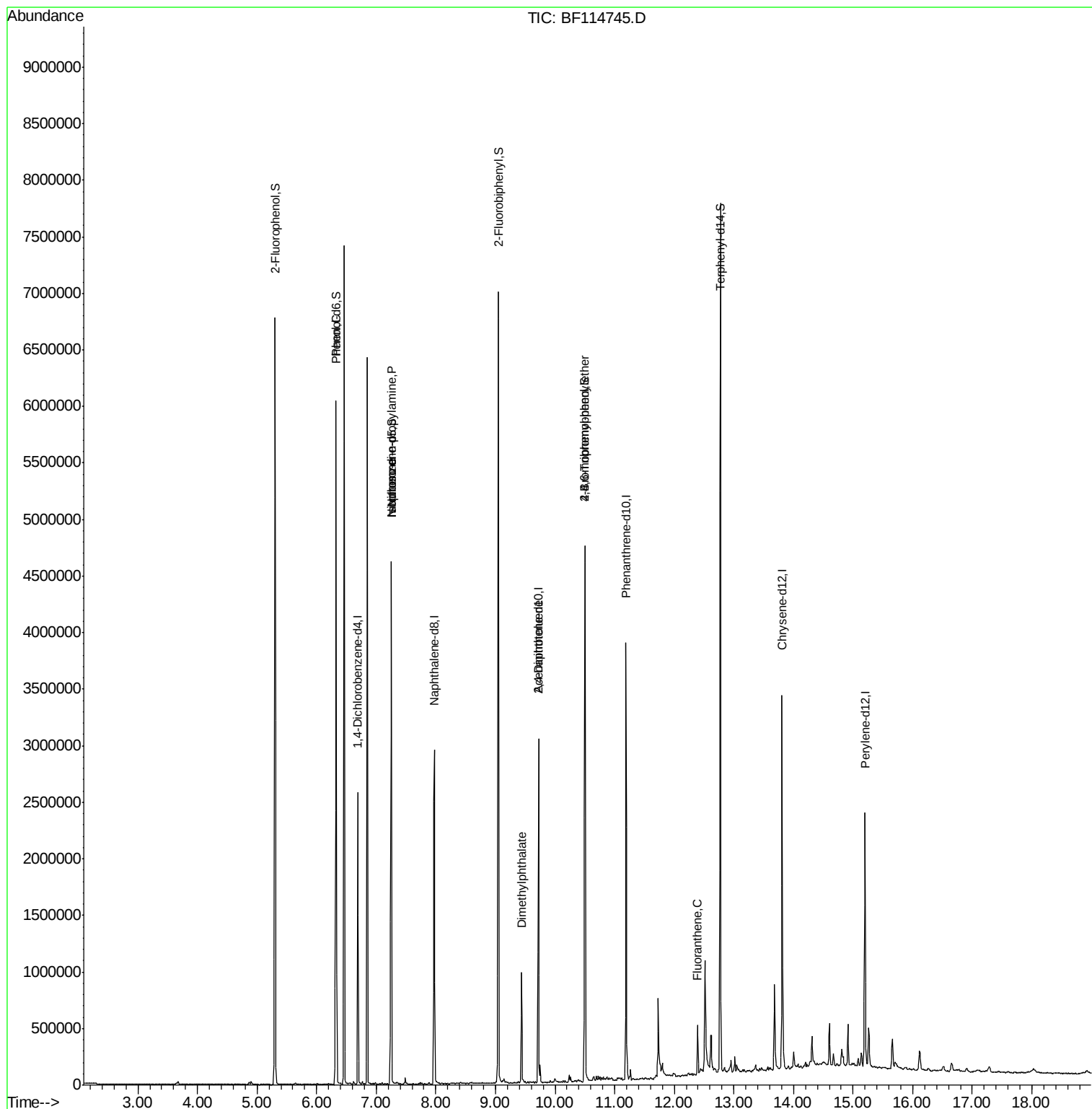
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	5225	Below Cal	#	1
10) Phenol	6.34	94	106212	3.583	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	209774	12.385	ng	# 76
25) Isophorone	7.25	82	1489626	34.489	ng	# 63
50) Dimethylphthalate	9.44	163	377987	8.120	ng	99
57) 2,4-Dinitrotoluene	9.72	165	87869	6.330	ng	# 24
58) Fluorene	10.26	166	11880	Below Cal		99
67) 4-Bromophenyl-phenylether	10.50	248	40602	2.805	ng	# 1
74) Di-n-butylphthalate	11.76	149	6594	Below Cal	#	94
75) Fluoranthene	12.39	202	166903	2.341	ng	96

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

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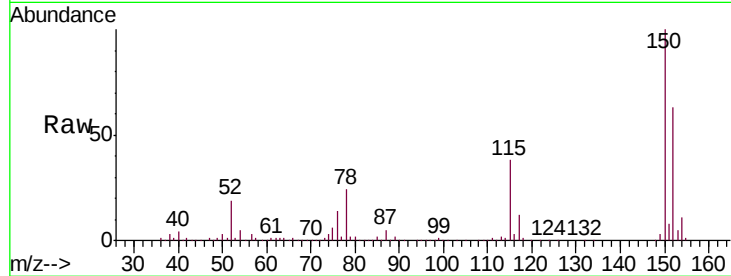


#1

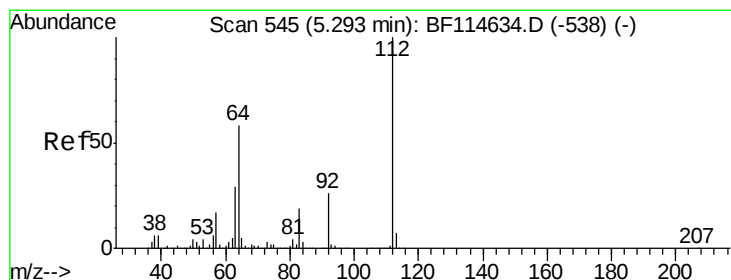
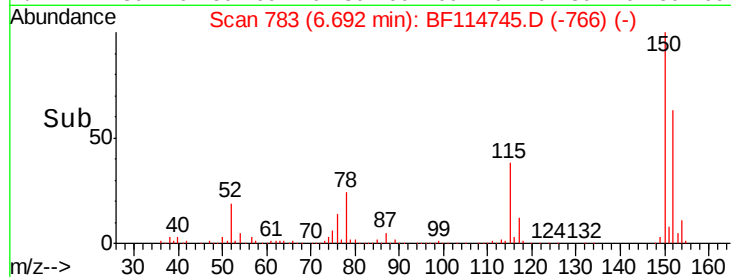
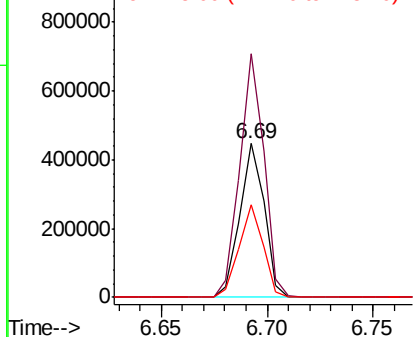
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Tgt Ion:152 Resp: 357508
Ion Ratio Lower Upper
152 100
150 158.3 124.4 186.6
115 59.9 48.7 73.1



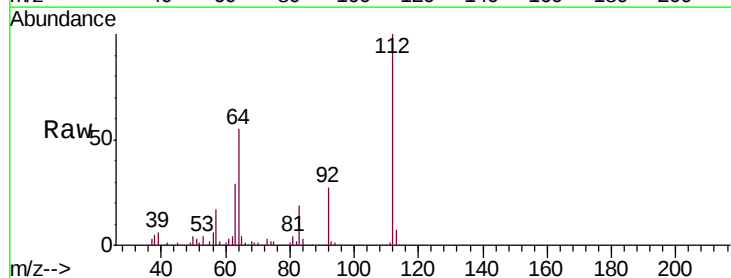
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



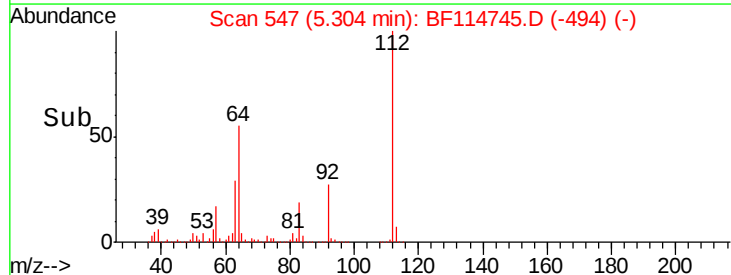
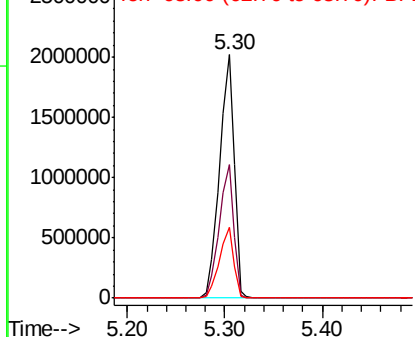
#5

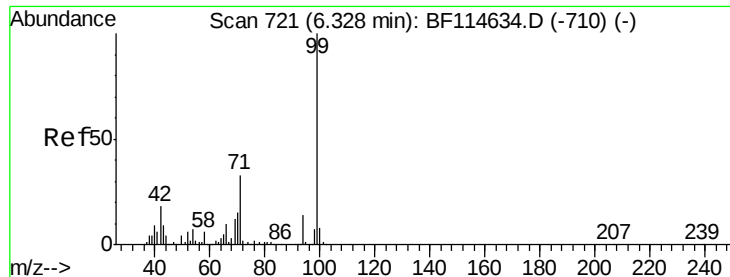
2-Fluorophenol
Concen: 104.105 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:112 Resp: 2119857
Ion Ratio Lower Upper
112 100
64 55.0 46.1 69.1
63 29.0 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: 105.730 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

Instrument :

BNA_F

ClientSampleId :

0427-HR-7(HACKENSACK)

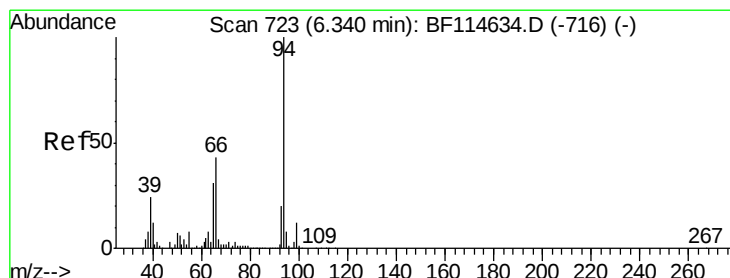
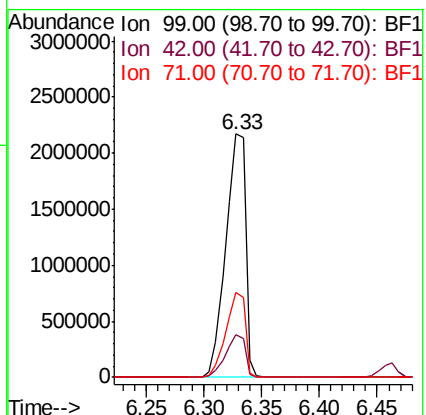
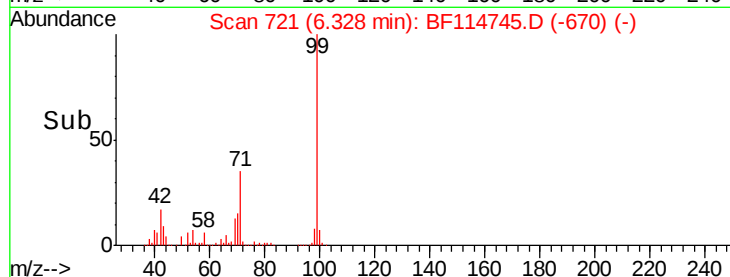
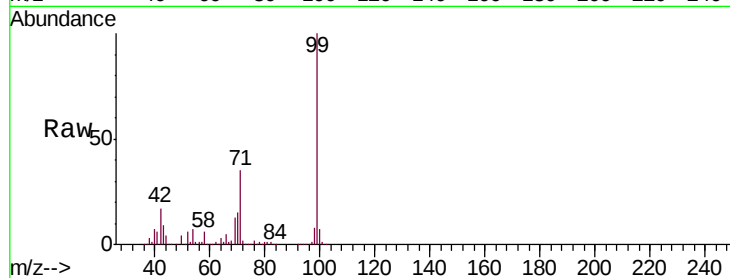
Tgt Ion: 99 Resp: 2594358

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 34.6 26.6 40.0



#10

Phenol

Concen: 3.583 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

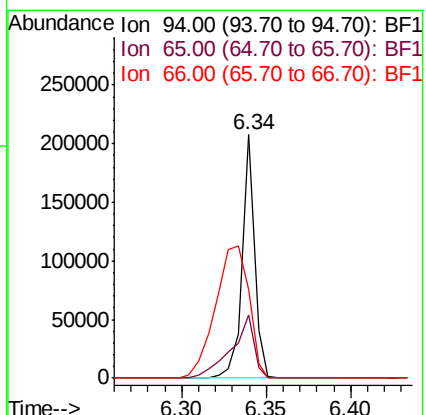
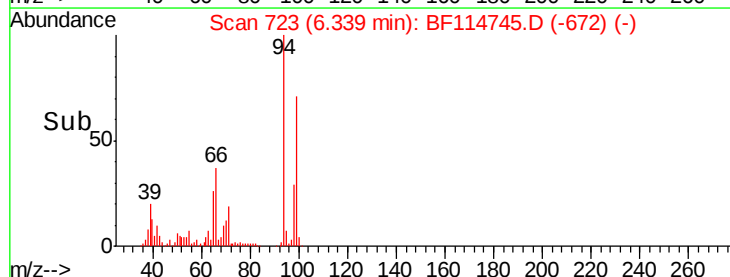
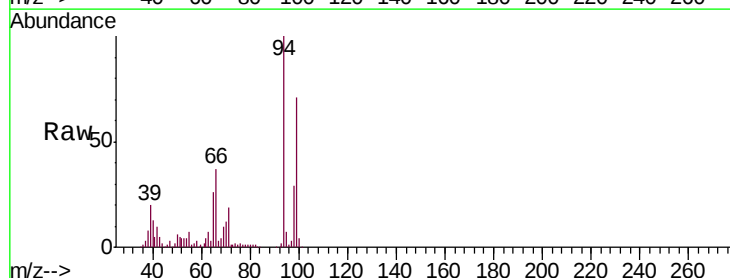
Tgt Ion: 94 Resp: 106212

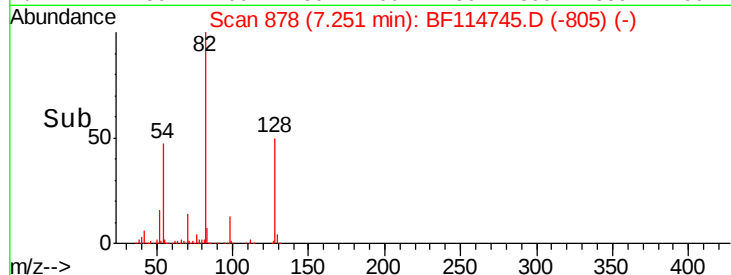
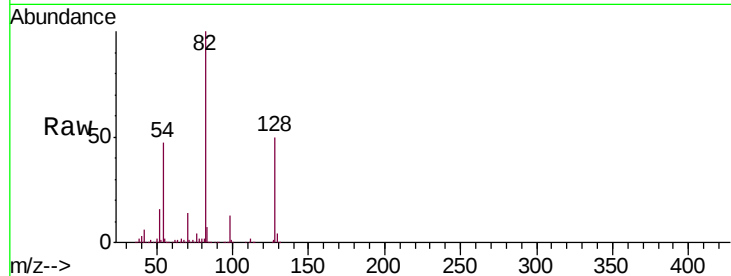
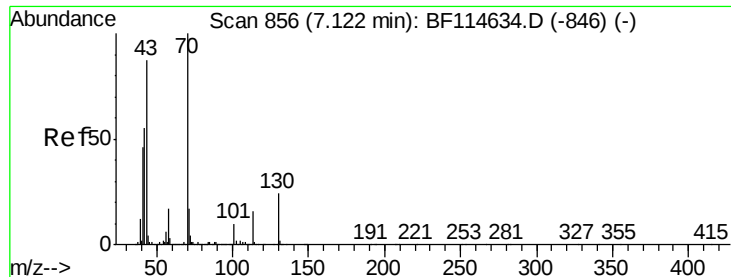
Ion Ratio Lower Upper

94 100

65 26.1 11.0 51.0

66 36.6 23.0 63.0

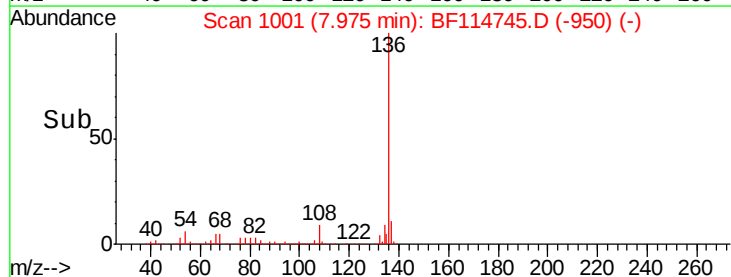
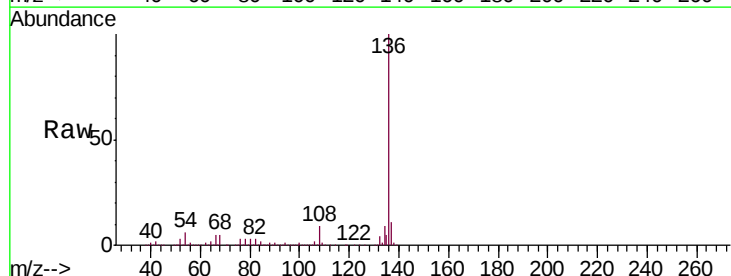
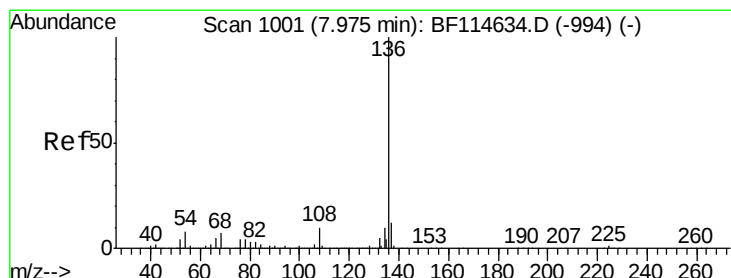
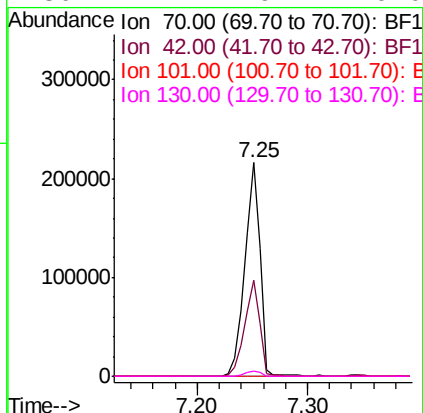




#19
n-Nitroso-di-n-propylamine
Concen: 12.385 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

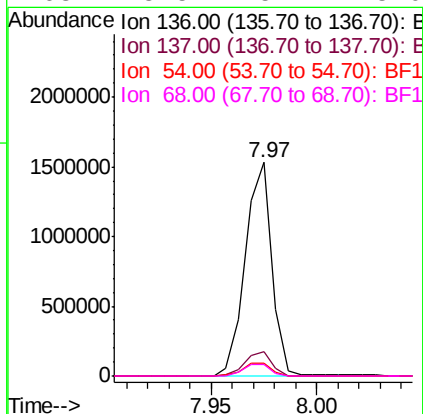
Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

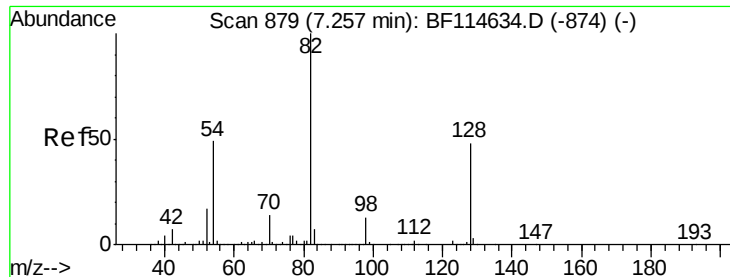
Tgt Ion:	70	Resp:	209774
Ion	Ratio	Lower	Upper
70	100		
42	44.8	44.4	66.6
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:	136	Resp:	1342724
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.2	6.3	9.5#
68	5.5	5.4	8.0

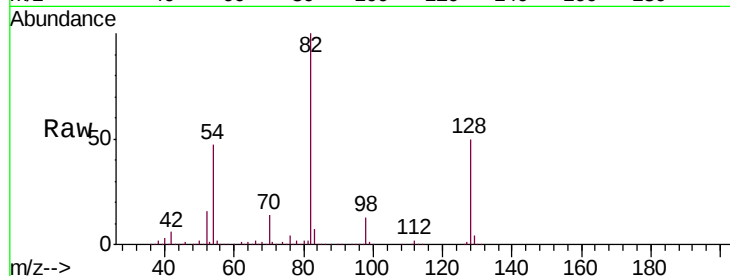




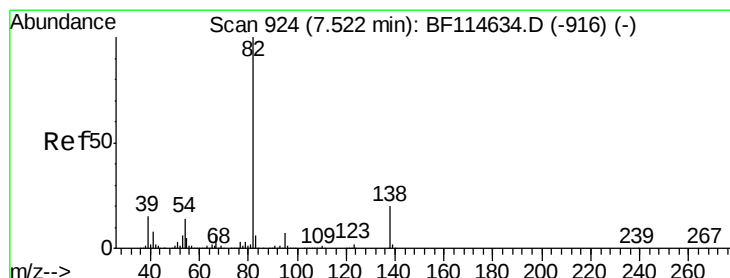
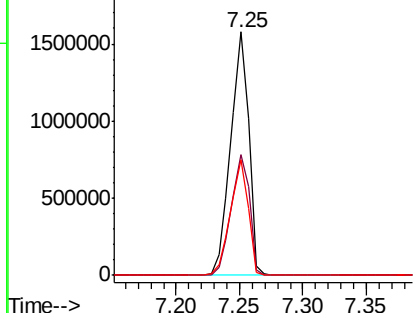
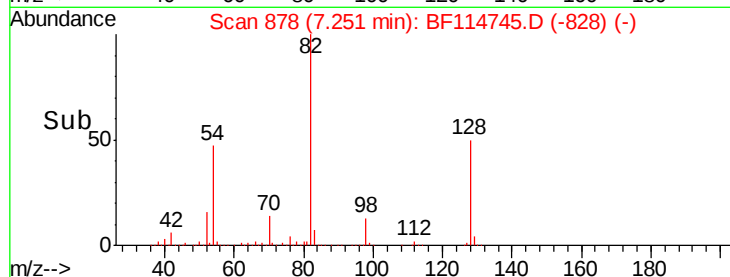
#23
Nitrobenzene-d5
Concen: 72.105 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Tgt Ion: 82 Resp: 1551829
Ion Ratio Lower Upper
82 100
128 49.7 38.5 57.7
54 47.5 39.1 58.7

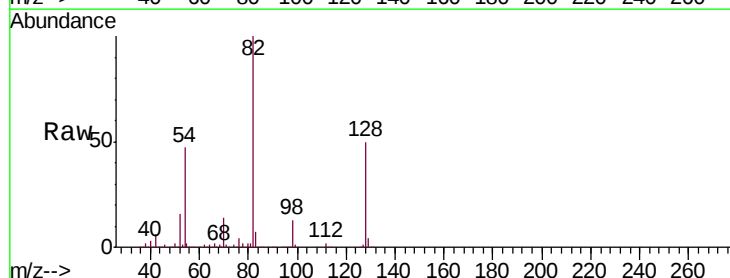


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

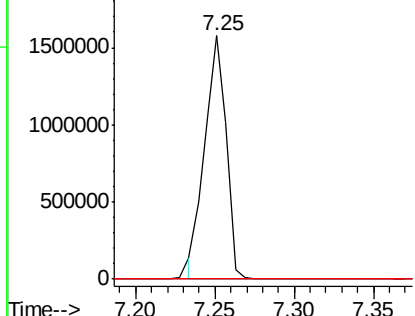
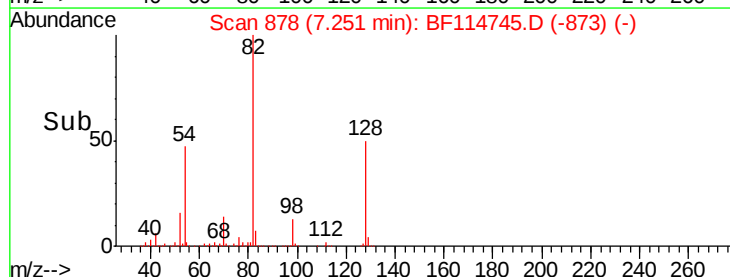


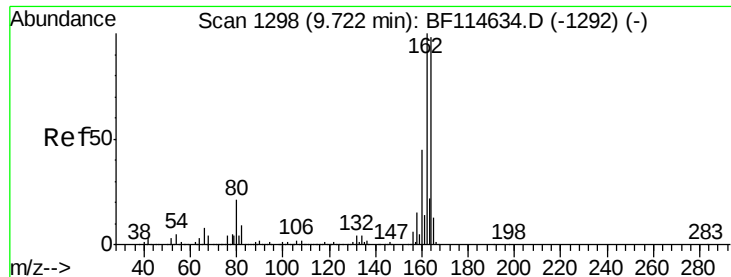
#25
Isophorone
Concen: 34.489 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion: 82 Resp: 1489626
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

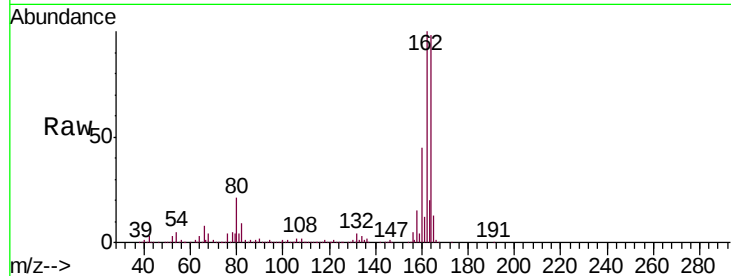




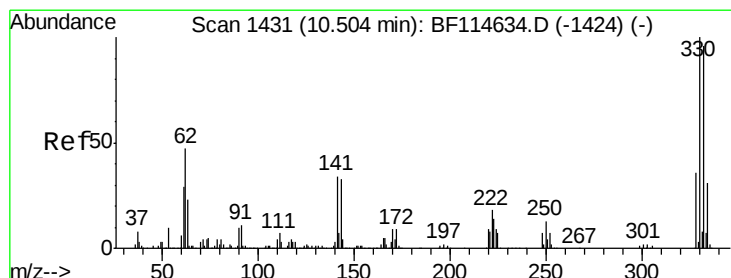
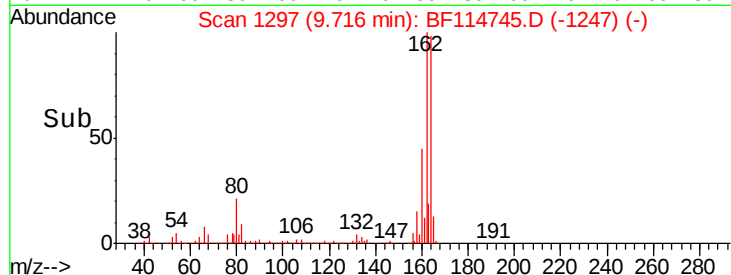
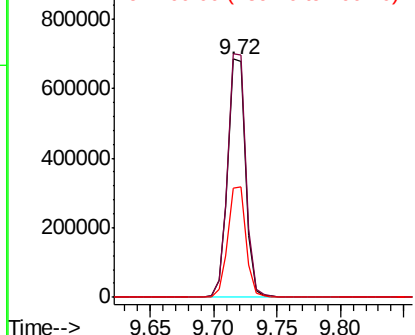
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Tgt Ion:164 Resp: 668048
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.2
160 45.7 36.6 54.8

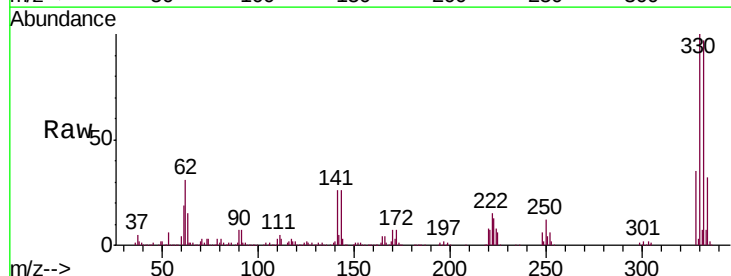


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

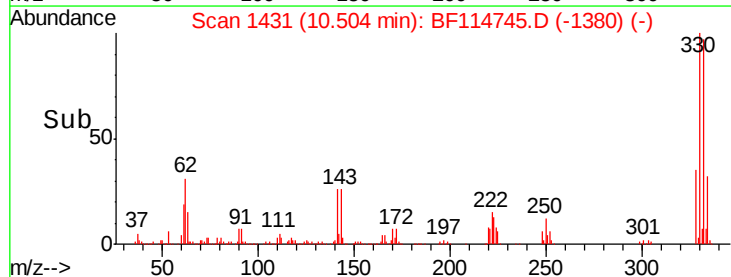
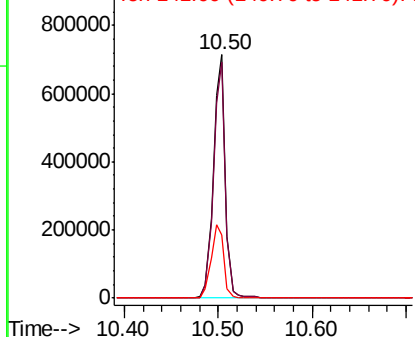


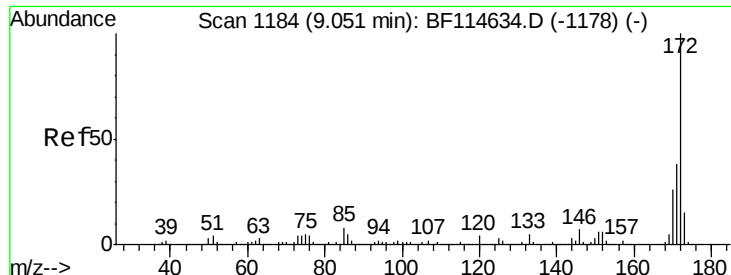
#42
2,4,6-Tribromophenol
Concen: 101.608 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:330 Resp: 646781
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 32.8 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

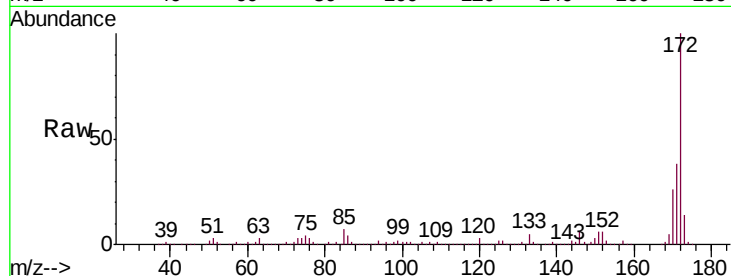




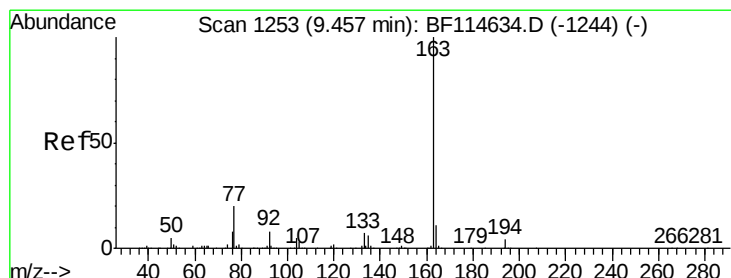
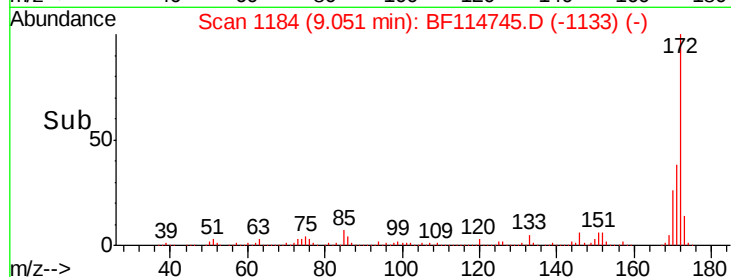
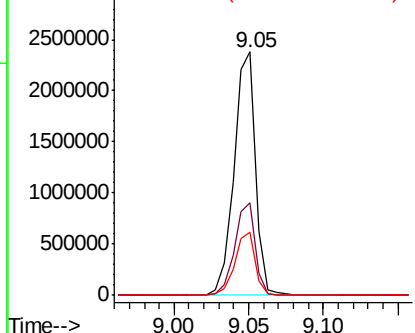
#45
 2-Fluorobiphenyl
 Concen: 63.646 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114745.D
 Acq: 1 Jun 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 0427-HR-7(HACKENSACK)

Tgt Ion:172 Resp: 2406419
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.6 45.8
 170 25.9 20.7 31.1

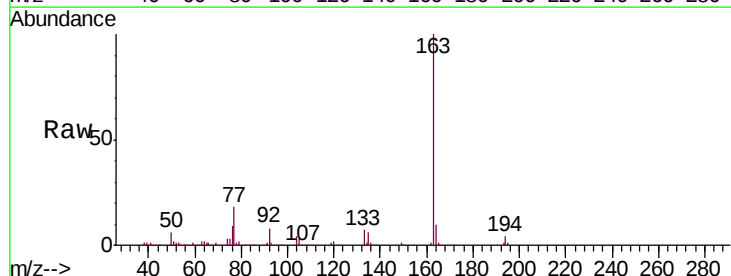


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

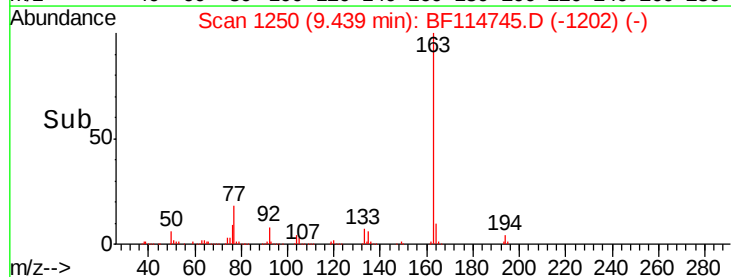
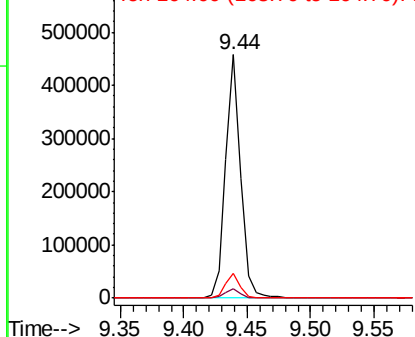


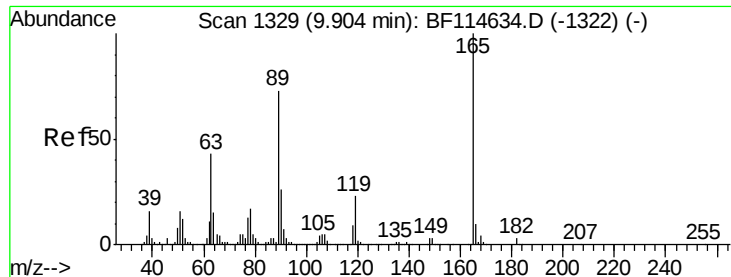
#50
 Dimethylphthalate
 Concen: 8.120 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114745.D
 Acq: 1 Jun 2019 10:00

Tgt Ion:163 Resp: 377987
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 10.3 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

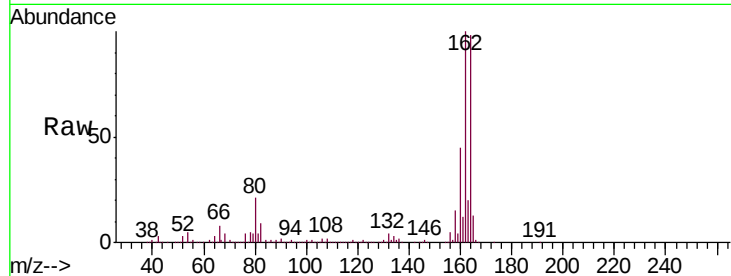




#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#

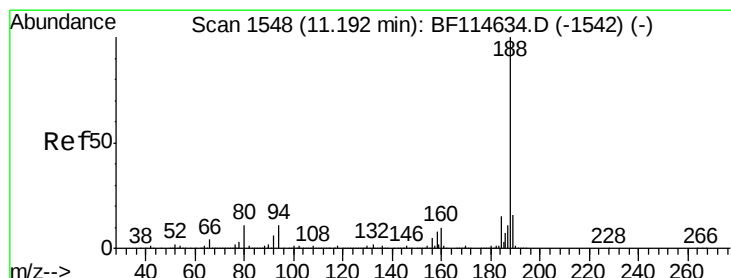
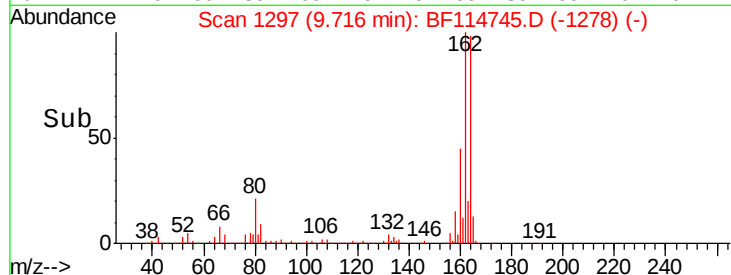
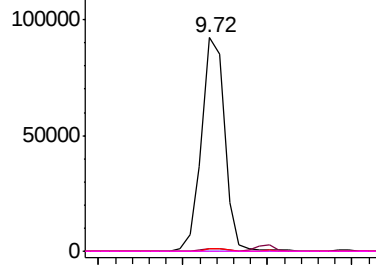


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

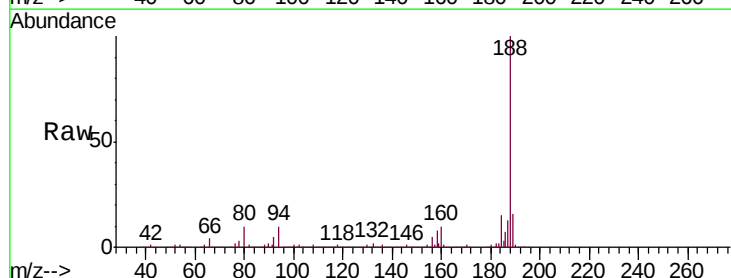
Ion 89.00 (88.70 to 89.70): BF1

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: BF114745.D
Acq: 1 Jun 2019 10:00

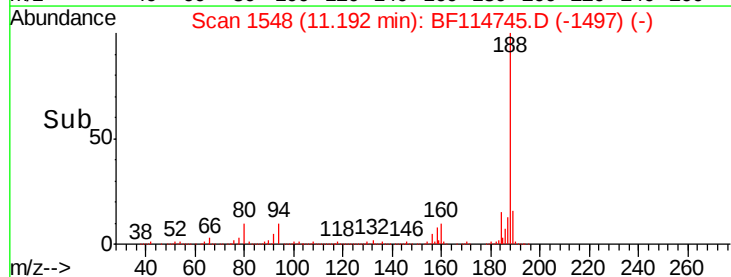
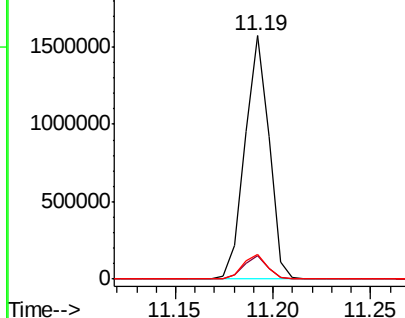
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.1	9.0	13.6

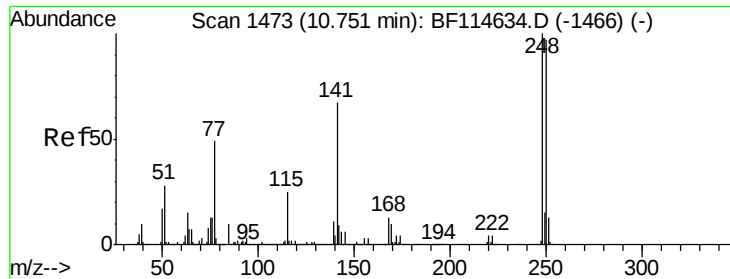


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

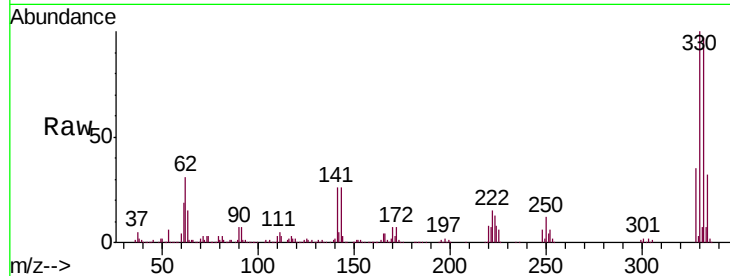




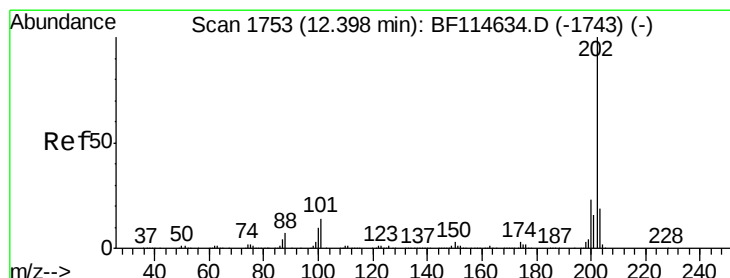
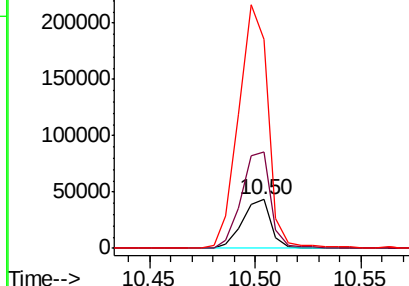
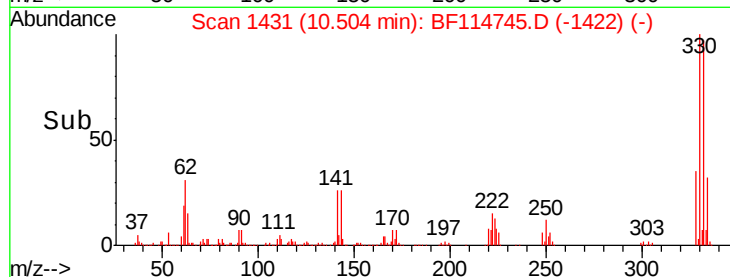
#67
 4-Bromophenyl-phenylether
 Concen: 2.805 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114745.D
 Acq: 1 Jun 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 0427-HR-7(HACKENSACK)

Tgt Ion:248 Resp: 40602
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.0 117.0#
 141 428.8 53.8 80.8#

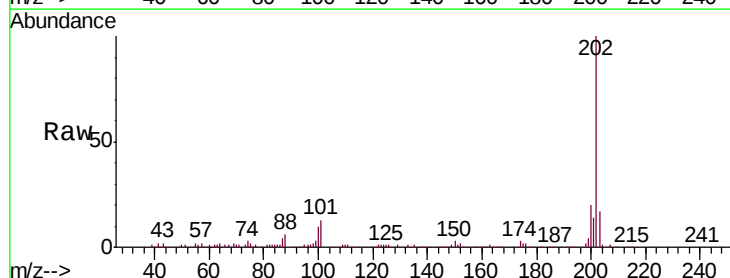


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

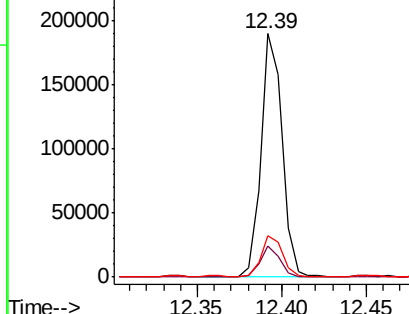
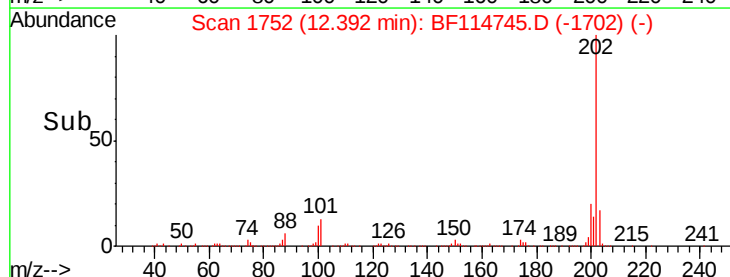


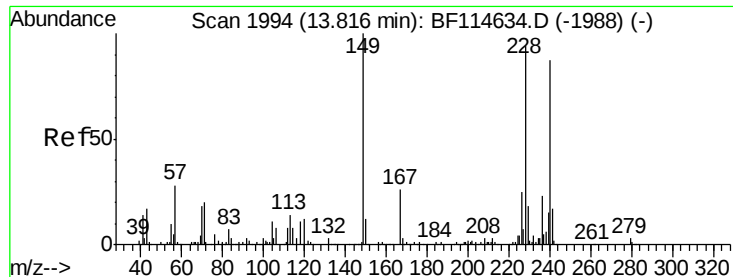
#75
 Fluoranthene
 Concen: 2.341 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF114745.D
 Acq: 1 Jun 2019 10:00

Tgt Ion:202 Resp: 166903
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 33.9
 203 17.0 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: BF114745.D

Acq: 1 Jun 2019 10:00

Instrument :

BNA_F

ClientSampleId :

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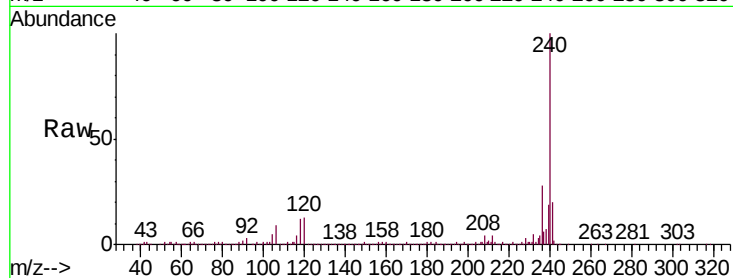
Tgt Ion:240 Resp: 1081042

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

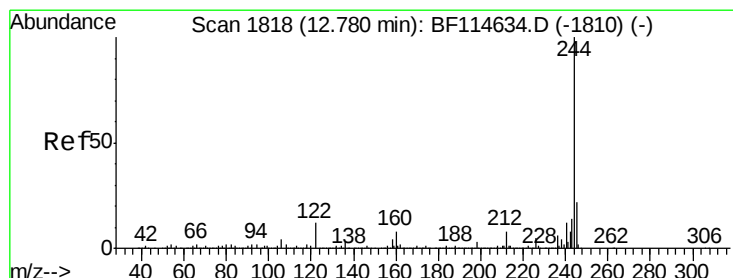
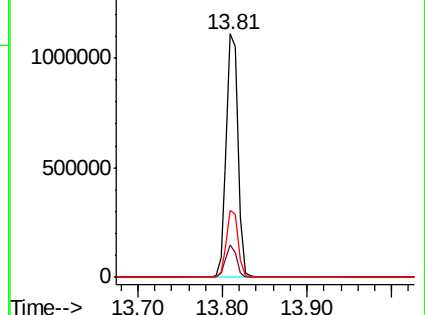
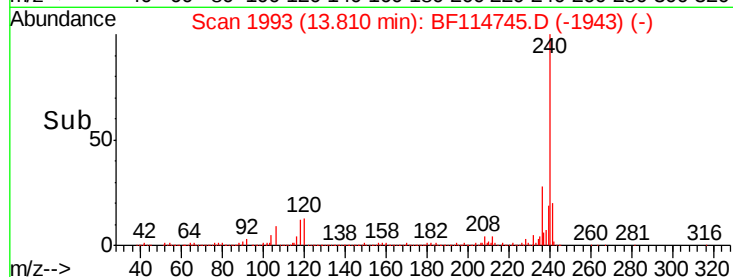
236 27.6 21.2 31.8



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



#79

Terphenyl-d14

Concen: 47.367 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

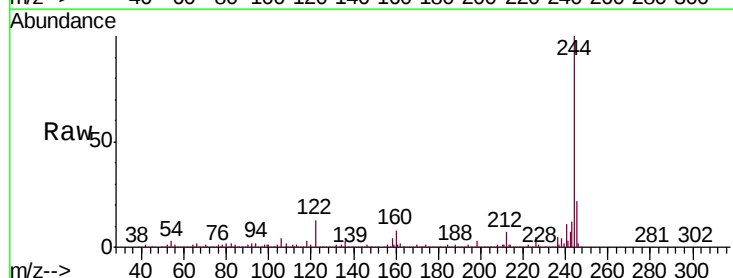
Tgt Ion:244 Resp: 2723502

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

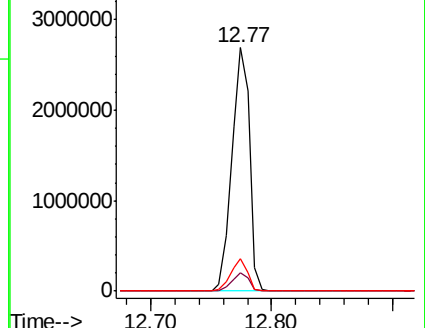
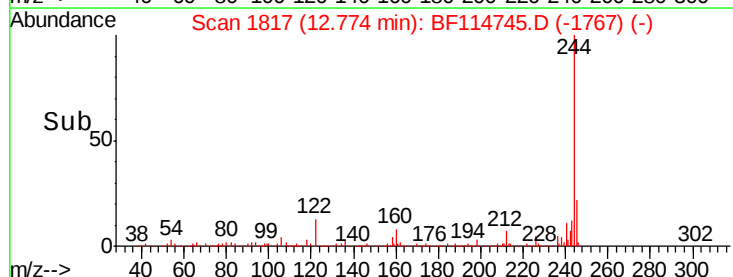
122 13.2 9.8 14.8

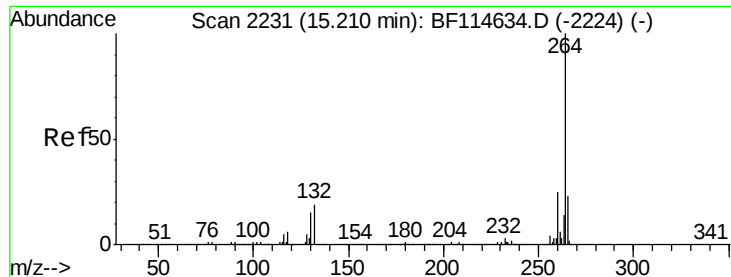


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF114745.D
Acq: 1 Jun 2019 10:00

Instrument :
BNA_F
ClientSampleId :
0427-HR-7(HACKENSACK)

Tgt Ion:264 Resp: 949820
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 22.0 18.1 27.1

