

Data File : BF114751.D
Acq On : 1 Jun 2019 12:39
Operator : HP/JU
Sample : K3097-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)

Quant Time: Jun 03 01:35:17 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	363289	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1358846	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	667579	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1289574	20.00	ng	0.00
76) Chrysene-d12	13.81	240	841910	20.00	ng	0.00
87) Perylene-d12	15.20	264	818926	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2625190	126.87	ng	0.02
7) Phenol-d6	6.33	99	3250576	130.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	1994259	91.56	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	787744	123.84	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3297494	94.59	ng	0.00
79) Terphenyl-d14	12.78	244	3431675	76.64	ng	0.00

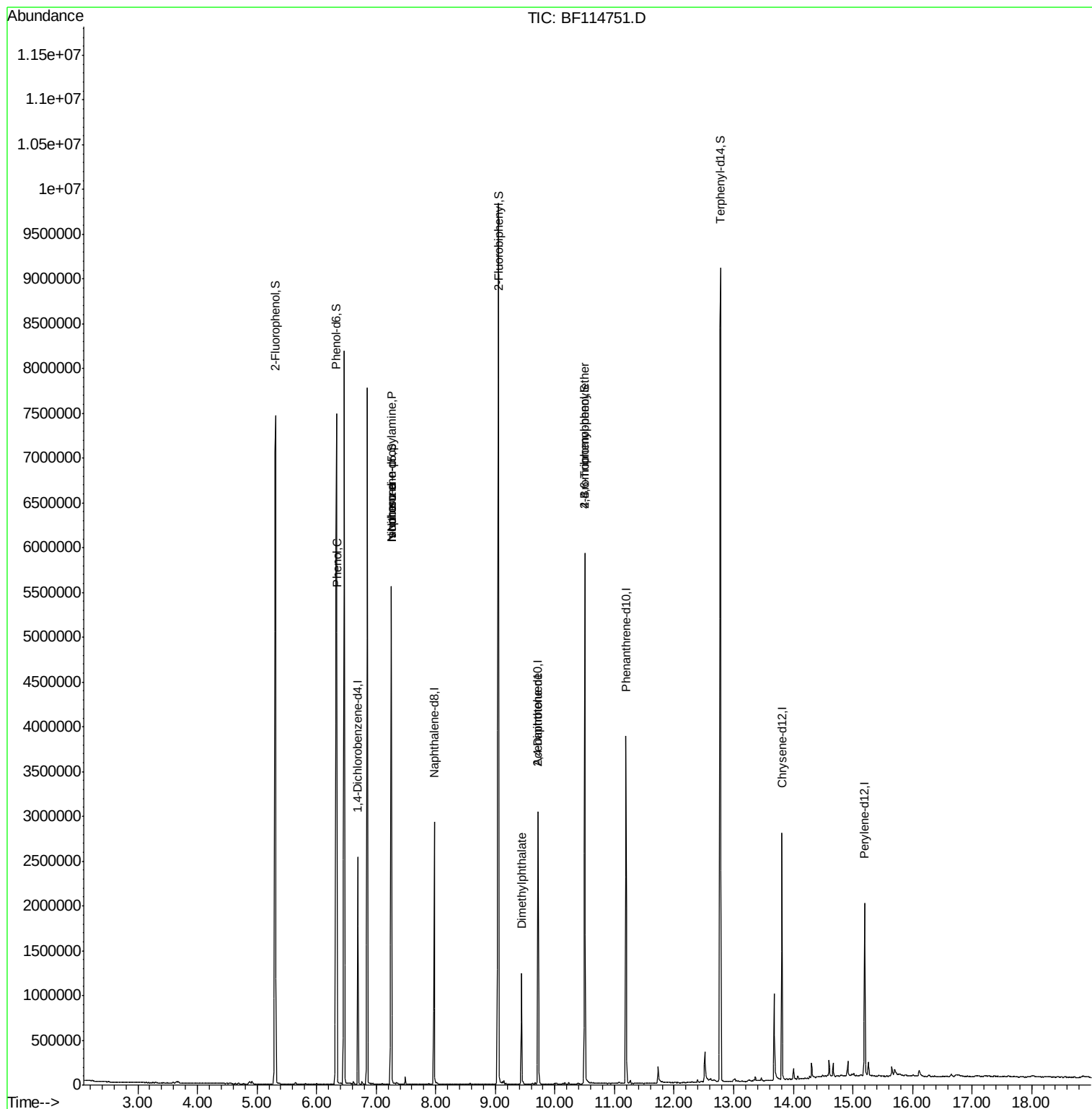
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	6062	Below Cal	#	1
10) Phenol	6.35	94	129370	4.295 ng		84
19) n-Nitroso-di-n-propylamine	7.26	70	274149	15.929 ng	#	74
25) Isophorone	7.26	82	1927408	44.095 ng	#	63
50) Dimethylphthalate	9.44	163	488293	10.497 ng		98
57) 2,4-Dinitrotoluene	9.72	165	87415	6.301 ng	#	23
58) Fluorene	10.50	166	35327	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.50	248	50906	3.681 ng	#	1
74) Di-n-butylphthalate	11.76	149	3143	Below Cal	#	93

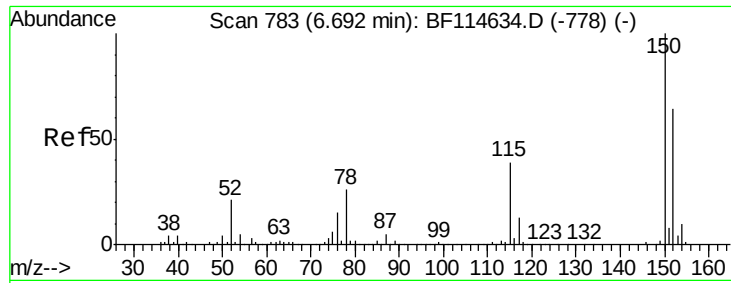
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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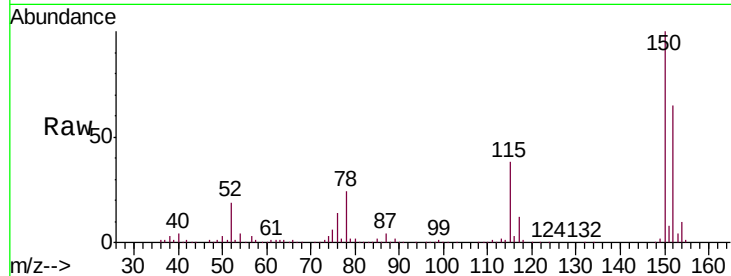


#1

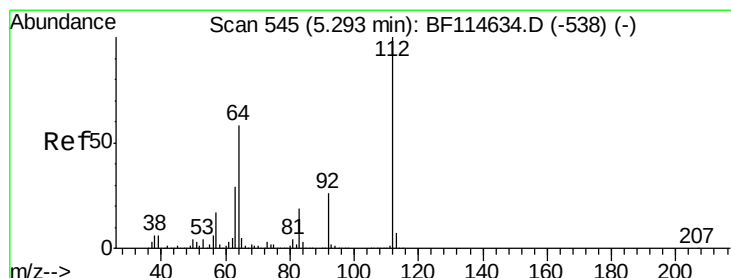
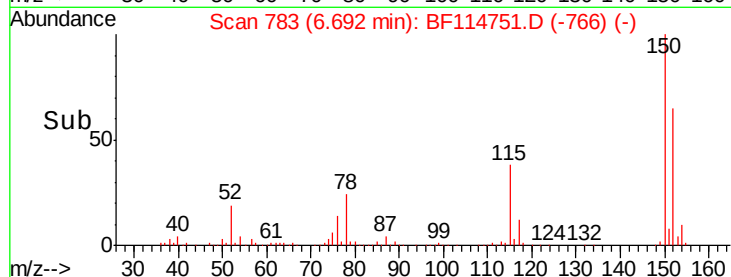
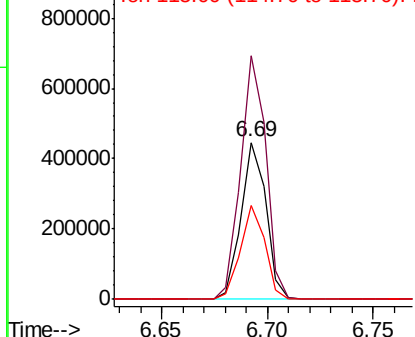
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)

Tgt Ion:152 Resp: 363289
Ion Ratio Lower Upper
152 100
150 154.9 124.4 186.6
115 59.3 48.7 73.1



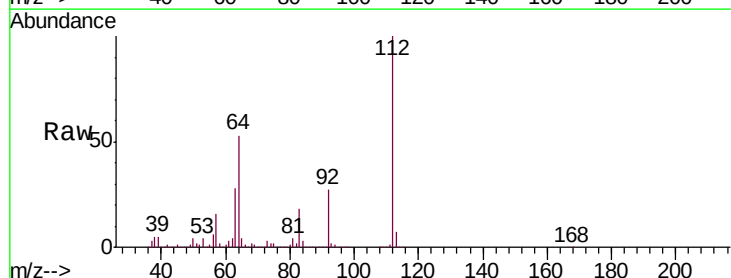
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



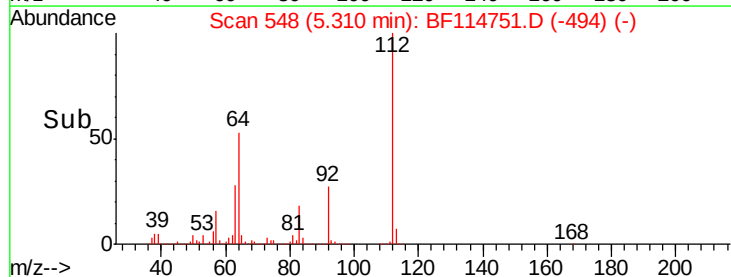
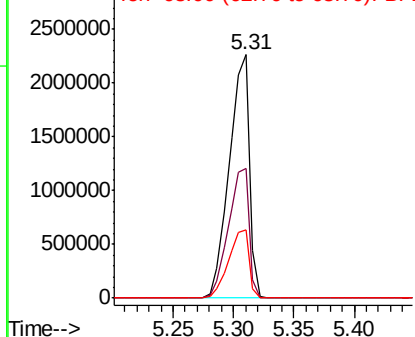
#5

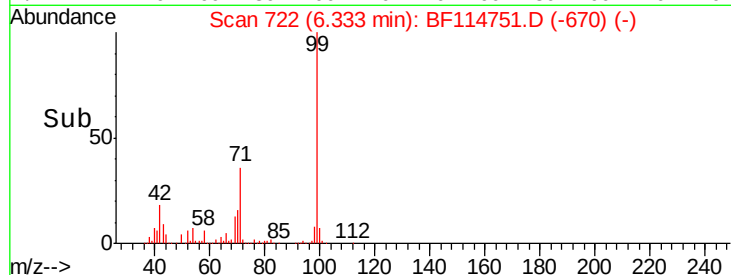
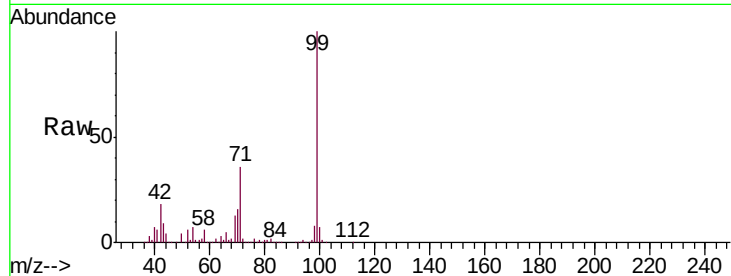
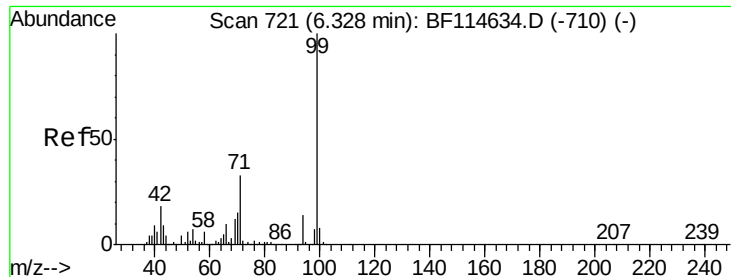
2-Fluorophenol
Concen: 126.871 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Tgt Ion:112 Resp: 2625190
Ion Ratio Lower Upper
112 100
64 53.4 46.1 69.1
63 28.0 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: 130.365 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114751.D

Acq: 1 Jun 2019 12:39

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)

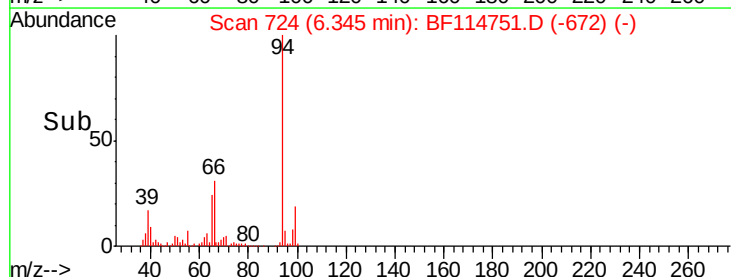
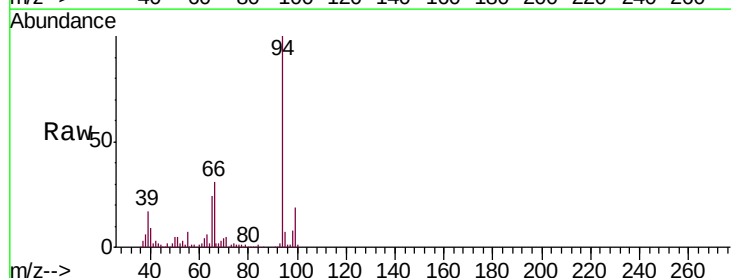
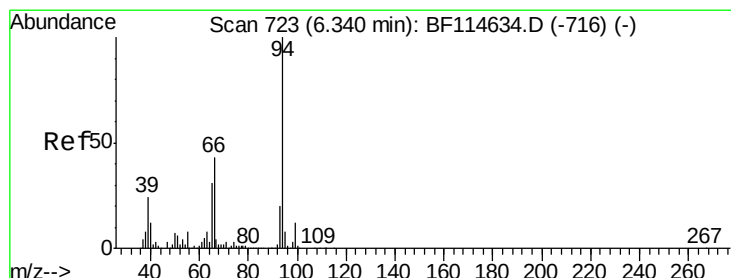
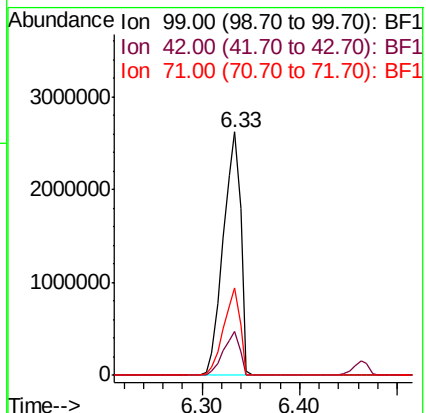
Tgt Ion: 99 Resp: 3250576

Ion Ratio Lower Upper

99 100

42 18.0 14.7 22.1

71 36.0 26.6 40.0



#10

Phenol

Concen: 4.295 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114751.D

Acq: 1 Jun 2019 12:39

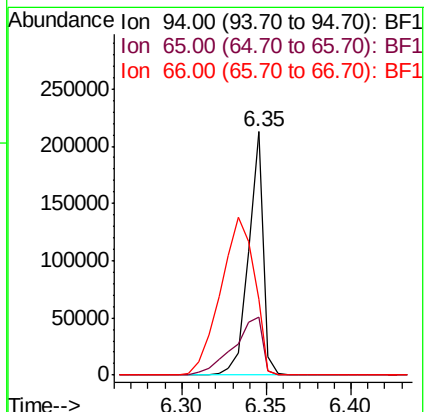
Tgt Ion: 94 Resp: 129370

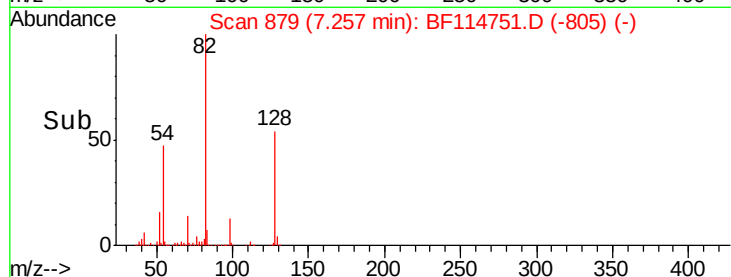
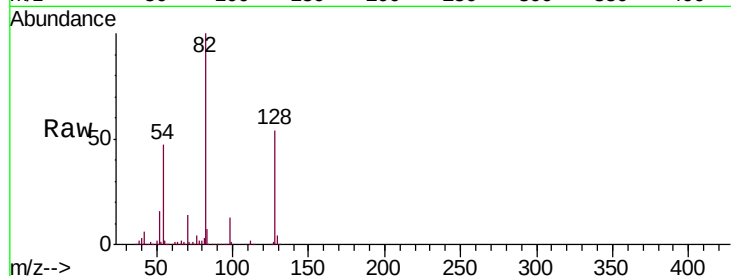
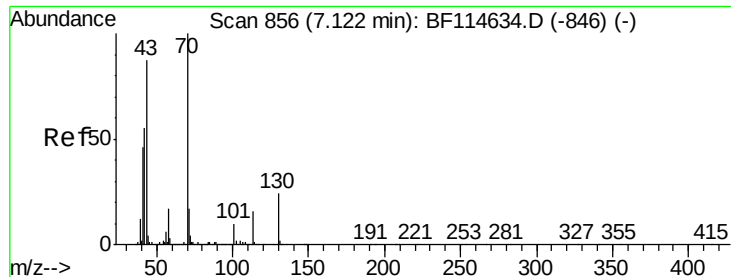
Ion Ratio Lower Upper

94 100

65 23.9 11.0 51.0

66 31.3 23.0 63.0

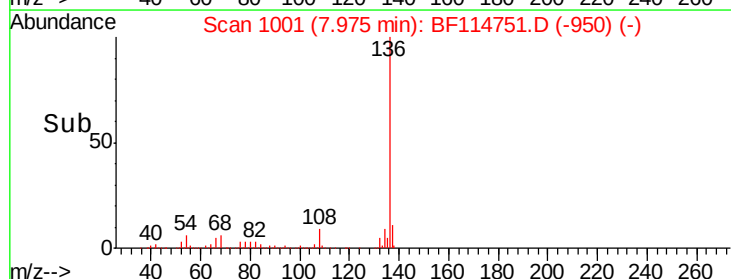
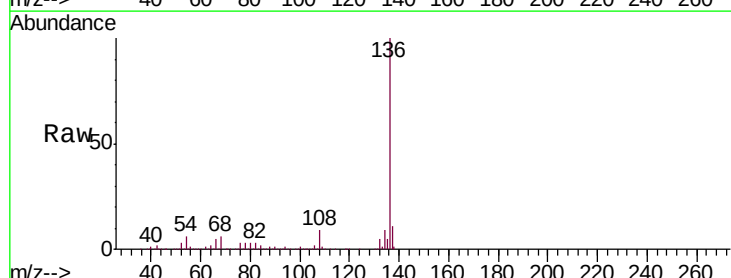
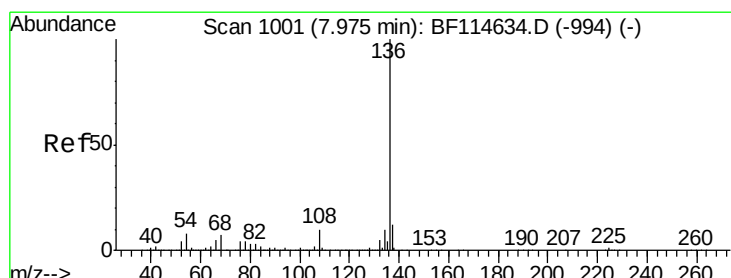
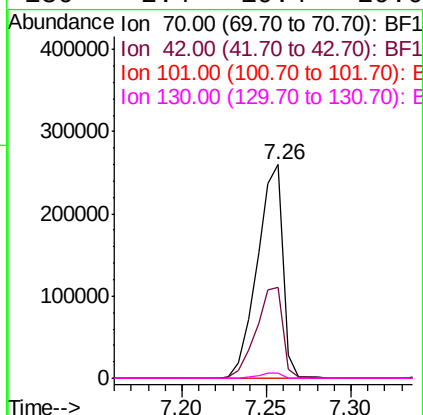




#19
n-Nitroso-di-n-propylamine
Concen: 15.929 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

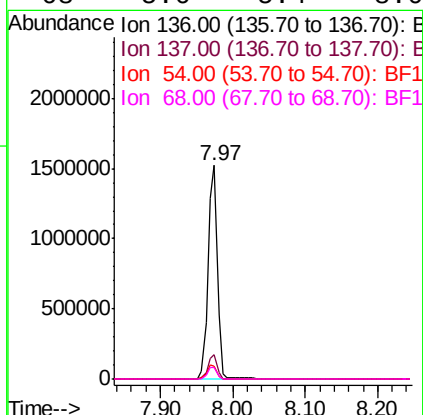
Instrument :
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ClientSampleId :
0432-HR-12(HACKENSACK)

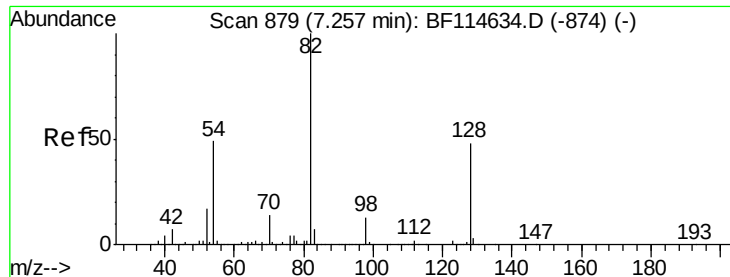
Tgt Ion:	70	Resp:	274149
Ion	Ratio	Lower	Upper
70	100		
42	42.8	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Tgt Ion:	136	Resp:	1358846
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.2	6.3	9.5#
68	5.6	5.4	8.0

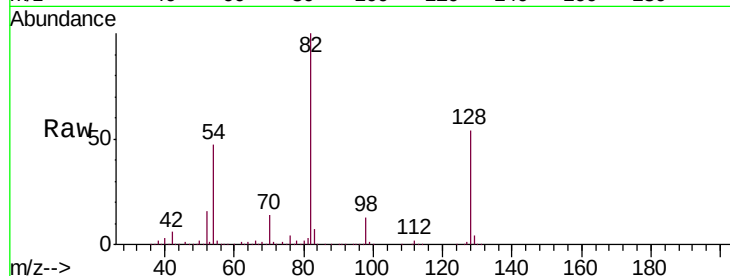




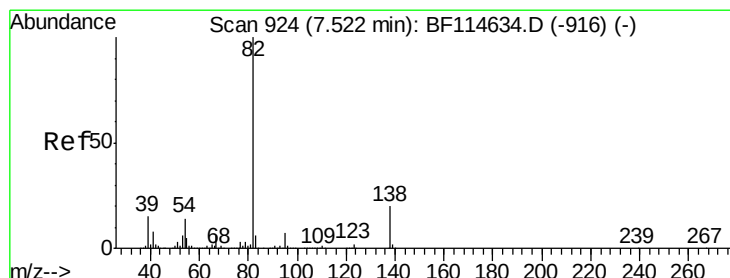
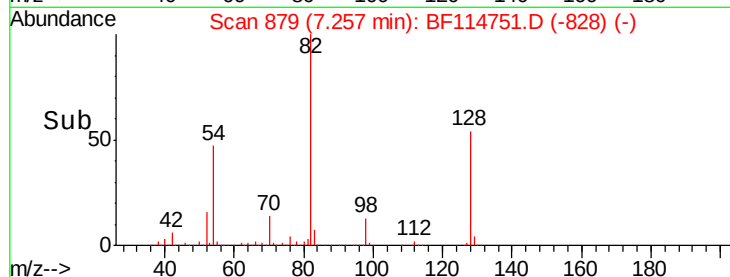
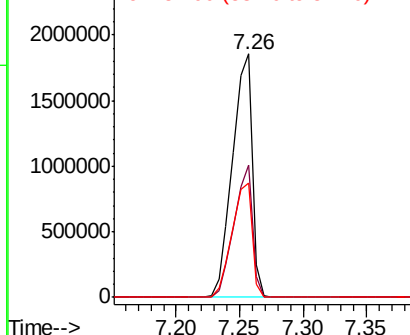
#23
Nitrobenzene-d5
Concen: 91.563 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)

Tgt Ion: 82 Resp: 1994259
Ion Ratio Lower Upper
82 100
128 54.2 38.5 57.7
54 47.1 39.1 58.7

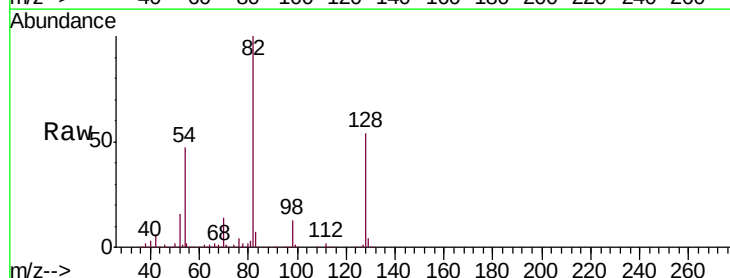


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

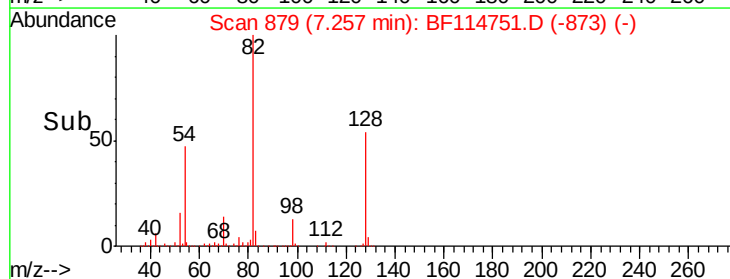
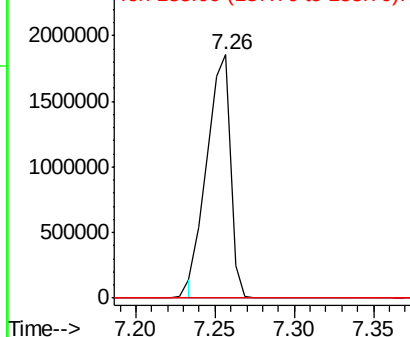


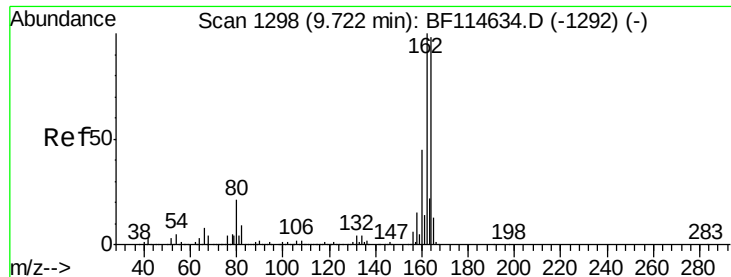
#25
Isophorone
Concen: 44.095 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Tgt Ion: 82 Resp: 1927408
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
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

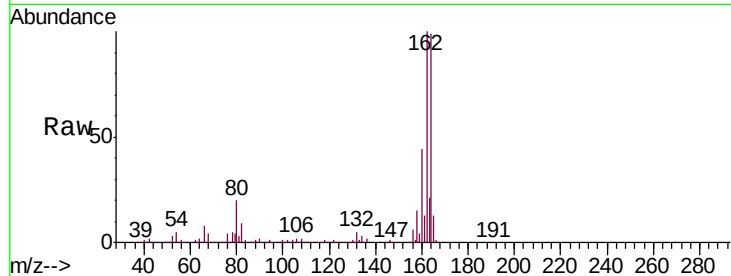




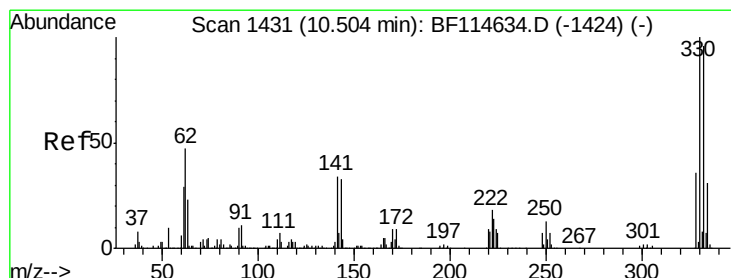
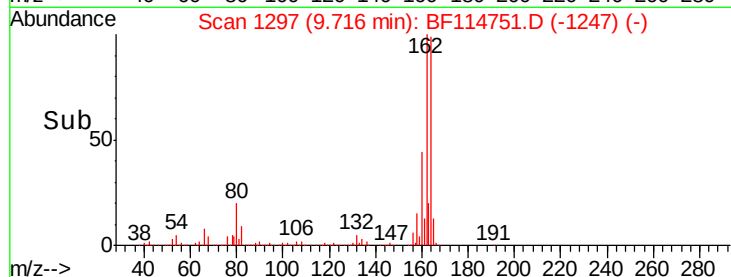
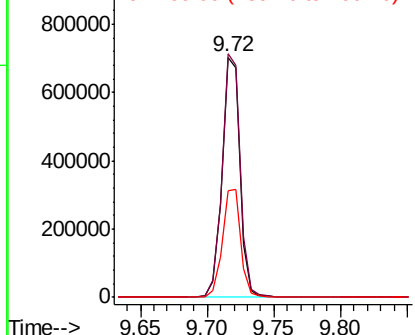
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	44.7	36.6	54.8

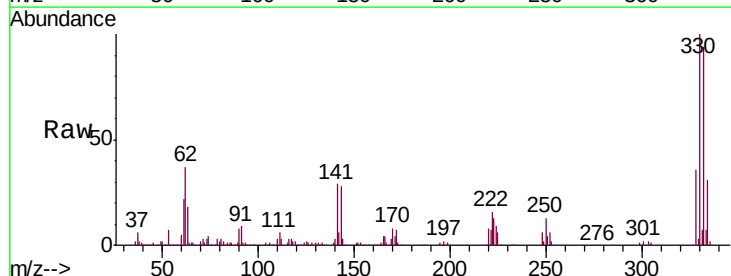


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

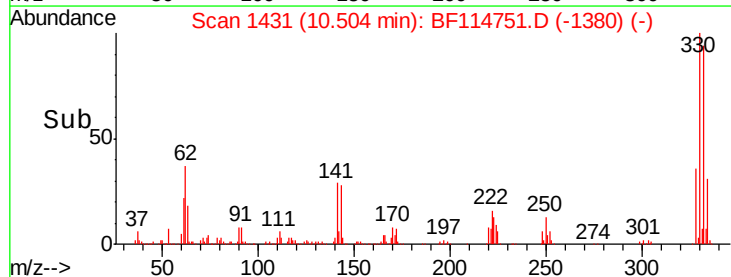
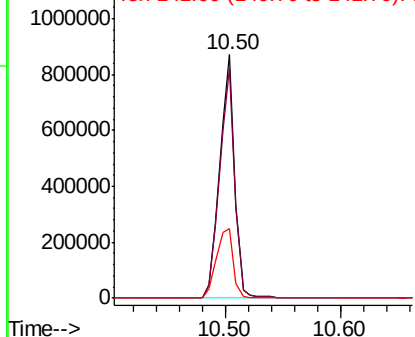


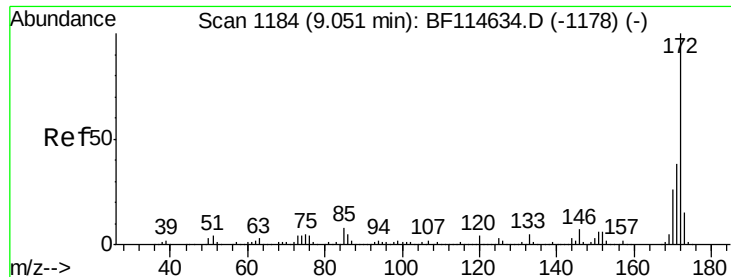
#42
2,4,6-Tribromophenol
Concen: 123.840 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.8
141	32.5	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

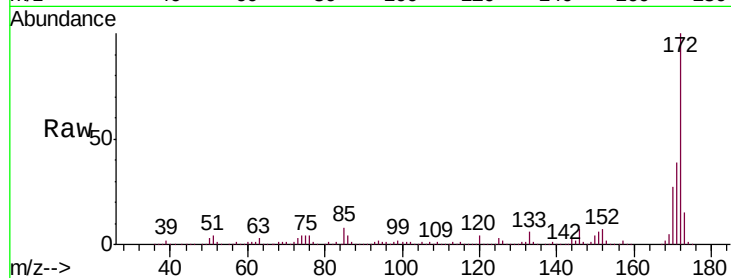




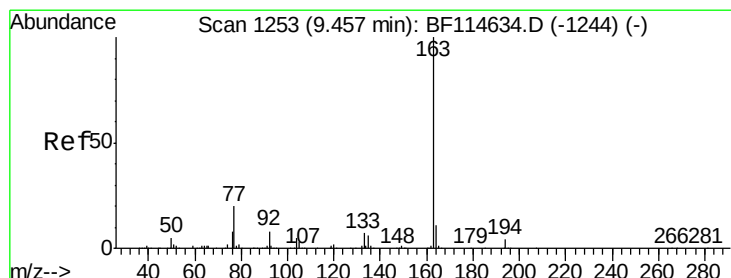
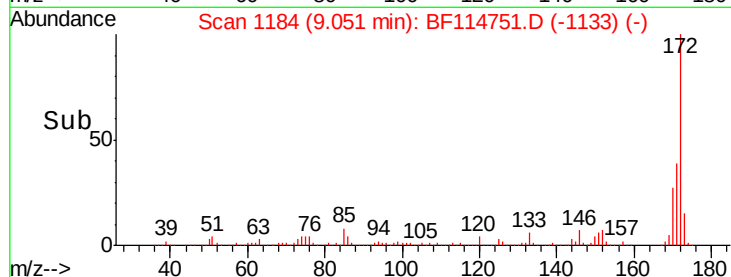
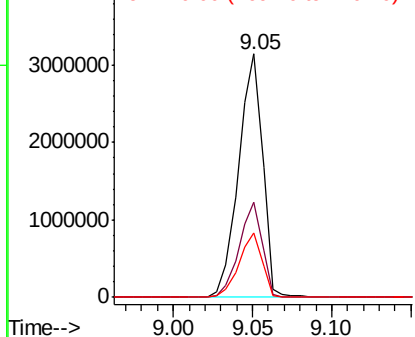
#45
 2-Fluorobiphenyl
 Concen: 94.593 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Instrument :
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 0432-HR-12(HACKENSACK)

Tgt Ion:172 Resp: 3297494
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.6 45.8
 170 26.7 20.7 31.1

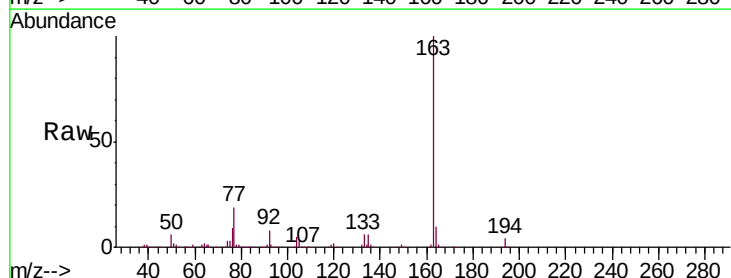


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

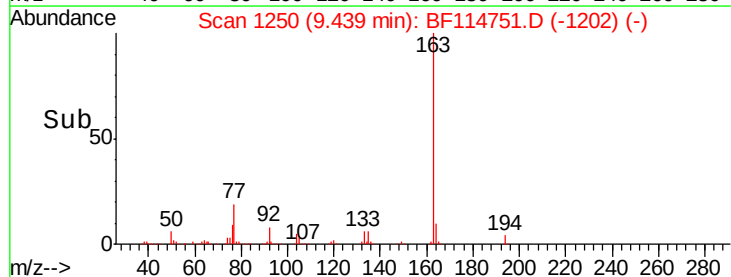
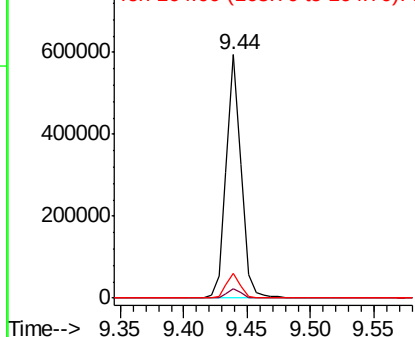


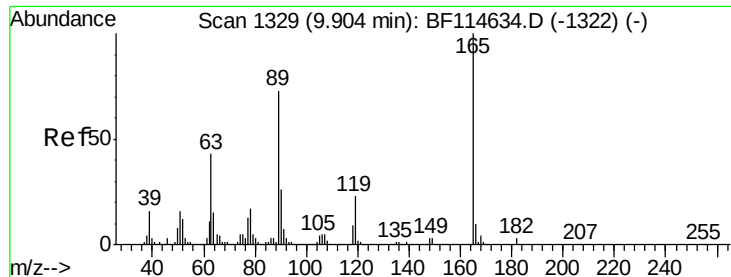
#50
 Dimethylphthalate
 Concen: 10.497 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Tgt Ion:163 Resp: 488293
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 10.1 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

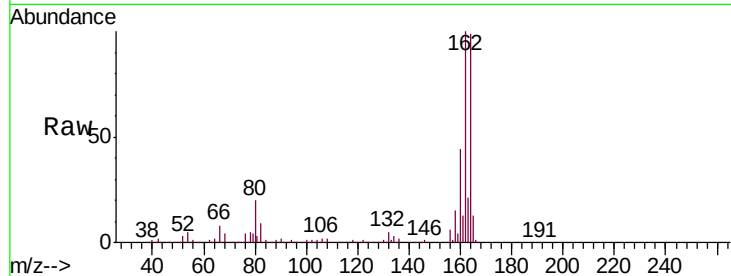




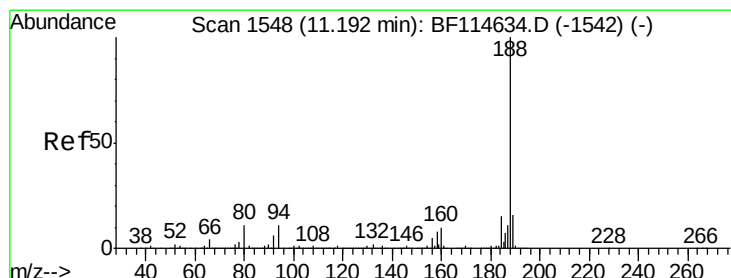
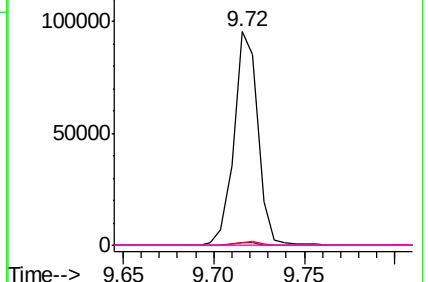
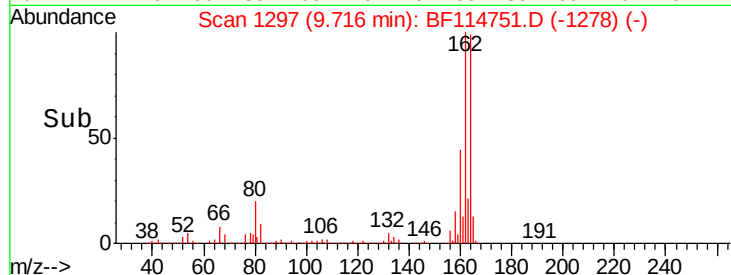
#57
 2,4-Dinitrotoluene
 Concen: 6.301 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.19 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.1	58.5	87.7#
182	0.0	2.2	3.2#

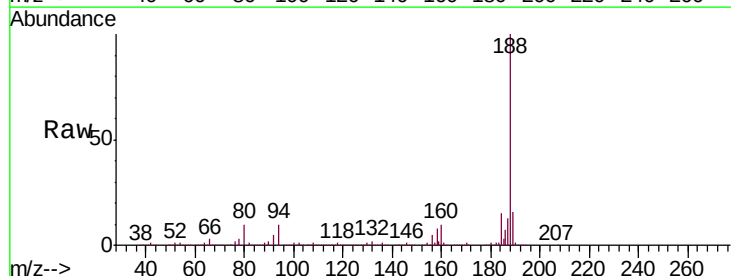


Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

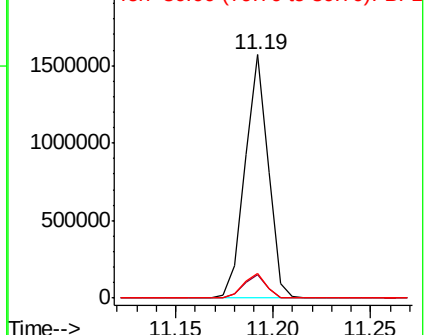
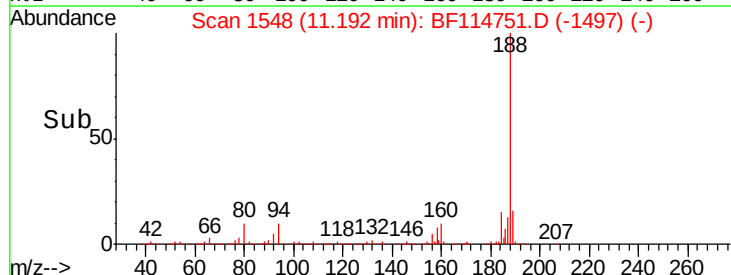


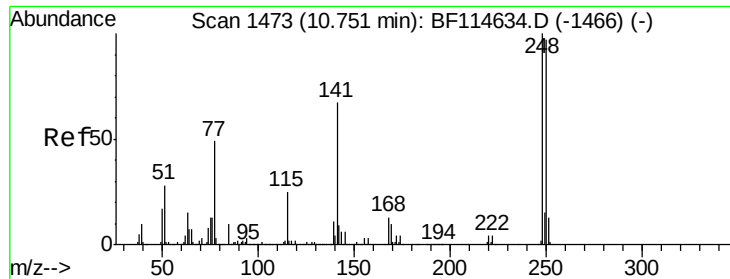
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	13.0
80	10.3	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
 2000000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

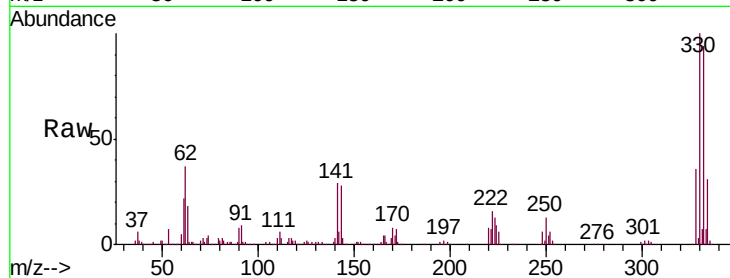




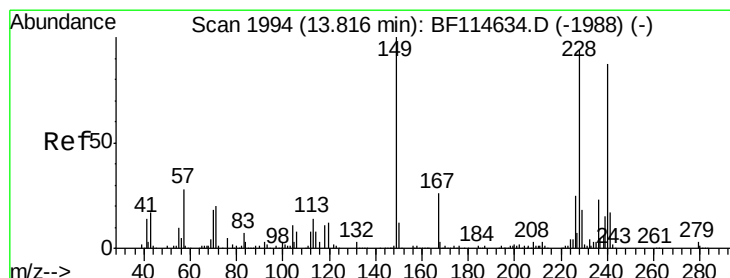
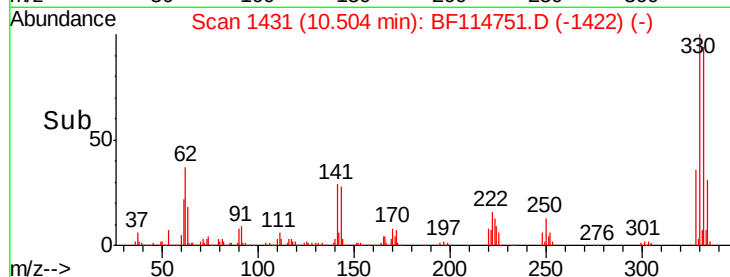
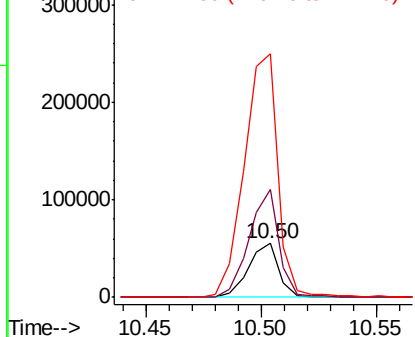
#67
 4-Bromophenyl-phenylether
 Concen: 3.681 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Tgt Ion:248 Resp: 50906
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.0 117.0#
 141 449.8 53.8 80.8#

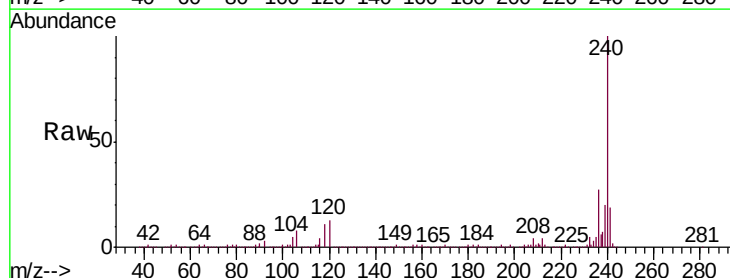


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

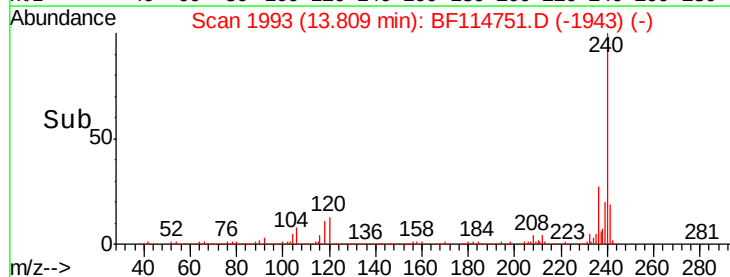
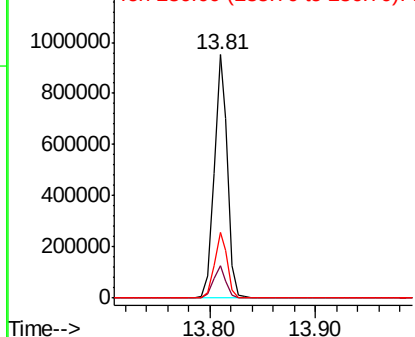


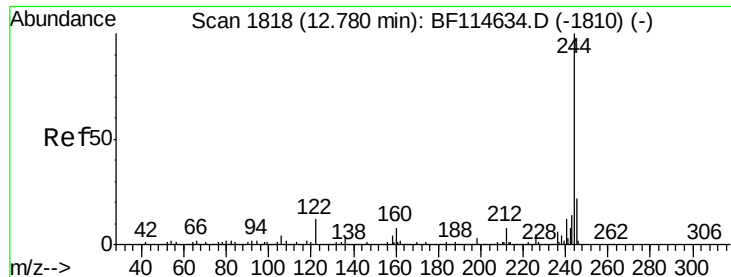
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

Tgt Ion:240 Resp: 841910
 Ion Ratio Lower Upper
 240 100
 120 13.3 11.2 16.8
 236 26.8 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: 76.636 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114751.D

Acq: 1 Jun 2019 12:39

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)

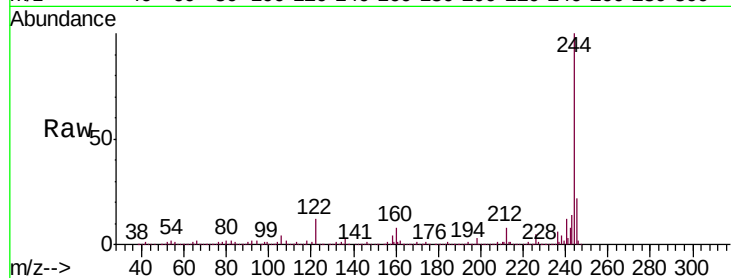
Tgt Ion:244 Resp: 3431675

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

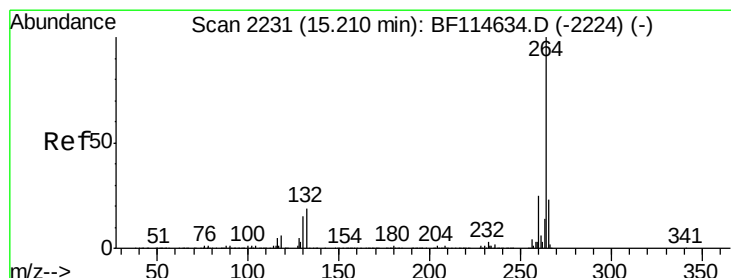
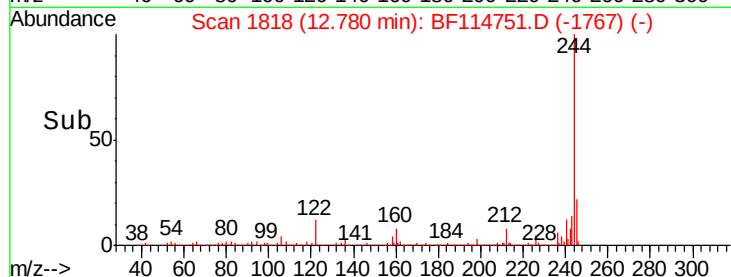
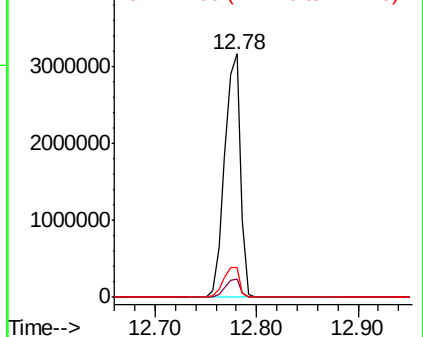
122 12.1 9.8 14.8



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: BF114751.D

Acq: 1 Jun 2019 12:39

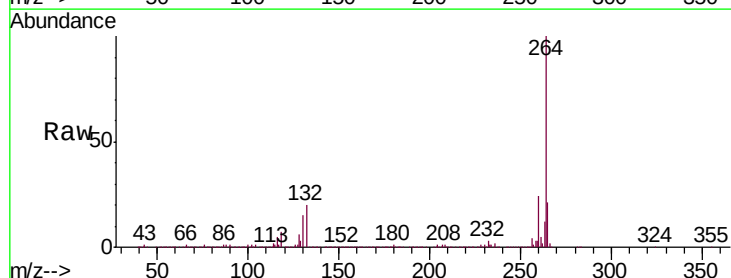
Tgt Ion:264 Resp: 818926

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.5 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

