

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 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 02:48:16 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

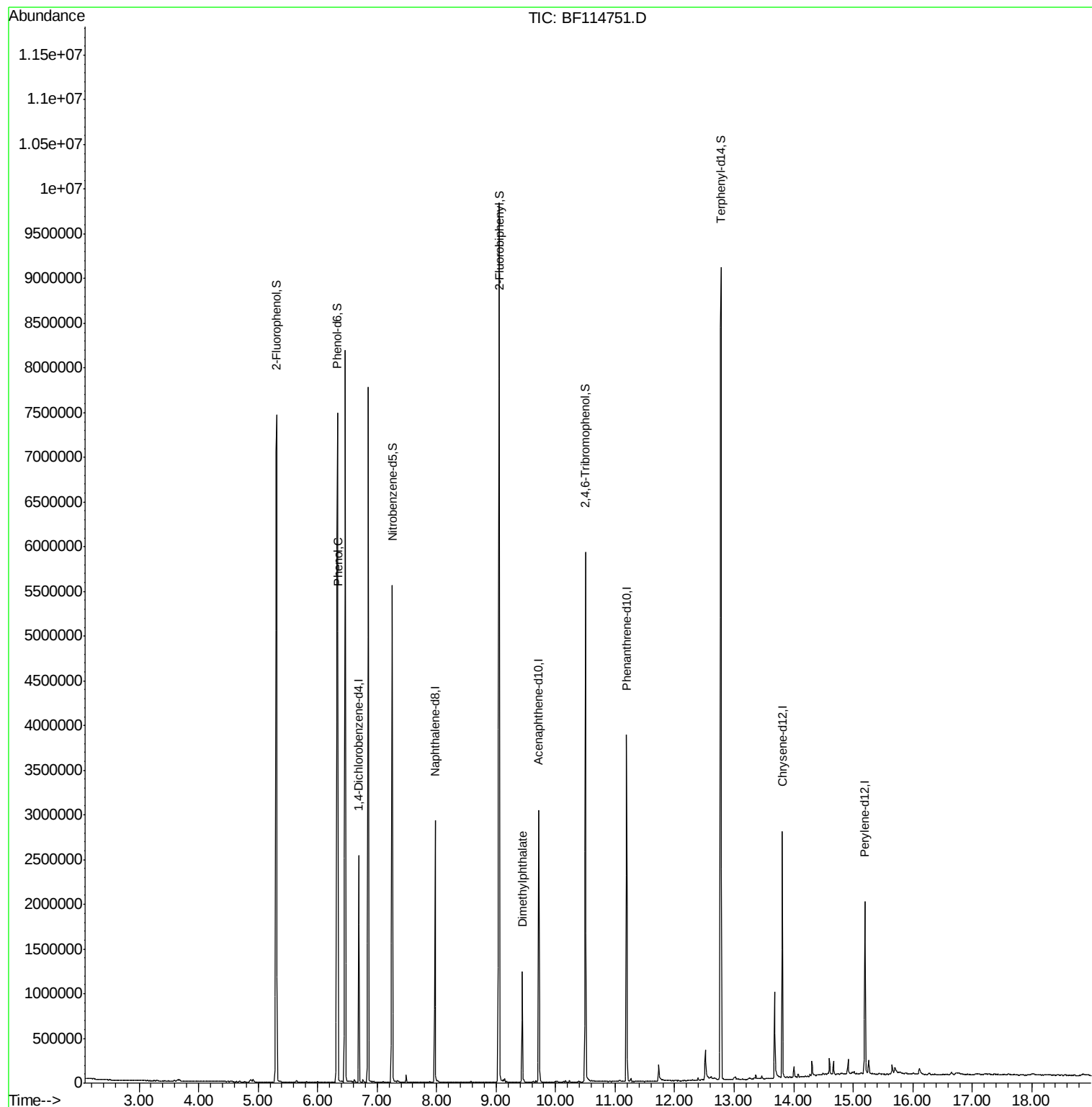
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	363289	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1358846	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	667579	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1289574	20.00	ng	0.00
76) Chrysene-d12	13.81	240	841910	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						
10) Phenol	6.35	94	129370	4.295	ng	84
50) Dimethylphthalate	9.44	163	488293	10.497	ng	98

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

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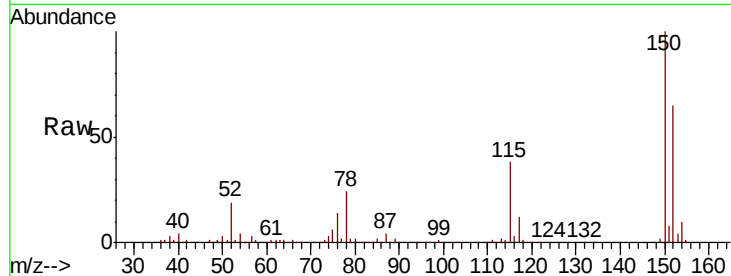


#1

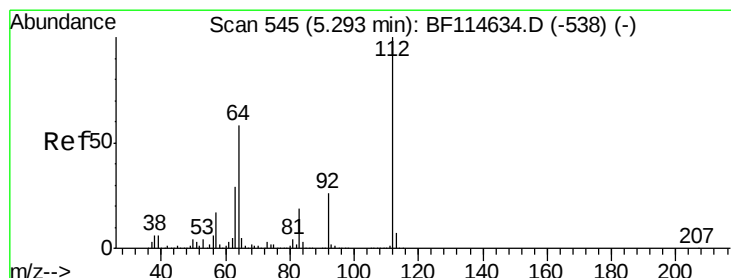
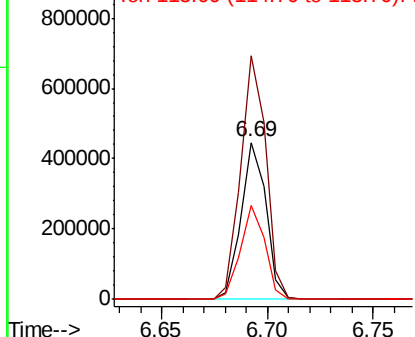
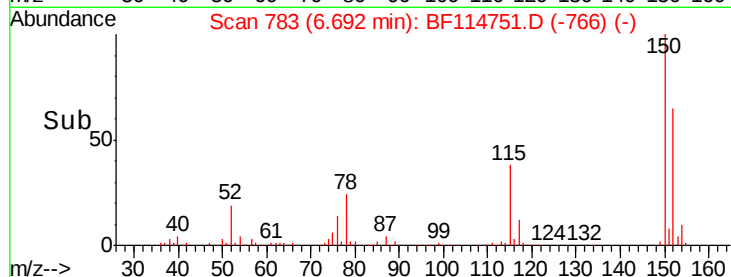
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

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

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



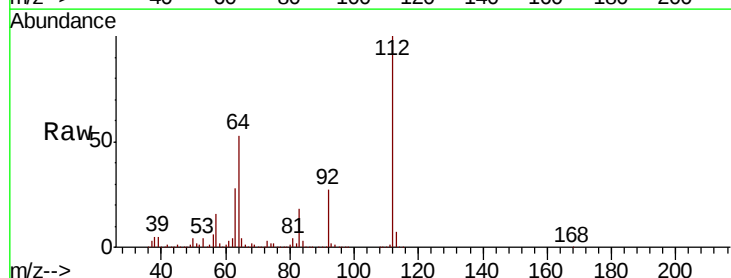
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



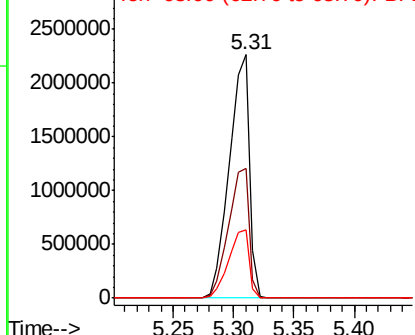
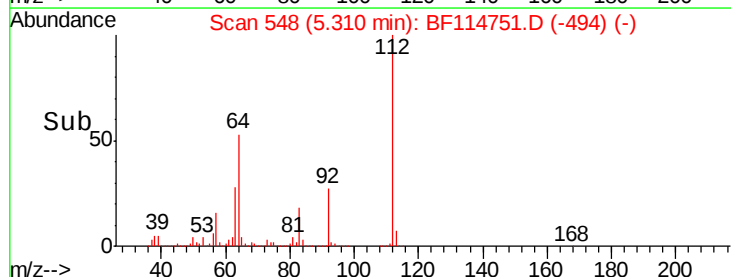
#5

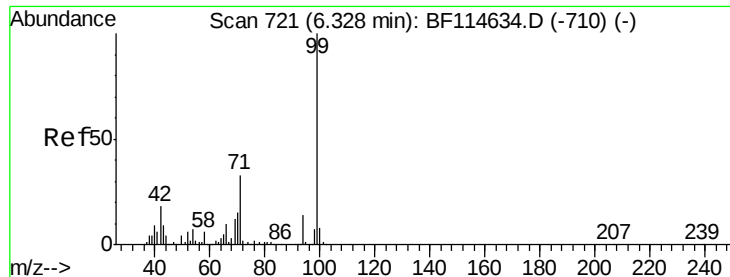
2-Fluorophenol
 Concen: 126.871 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.02 min
 Lab File: BF114751.D
 Acq: 1 Jun 2019 12:39

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 :

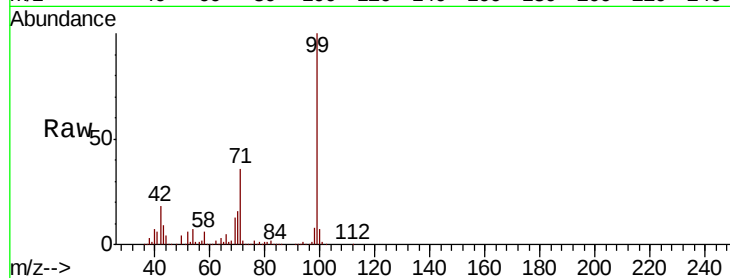
BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)

Tot Ion: 99 Resp: 3250576

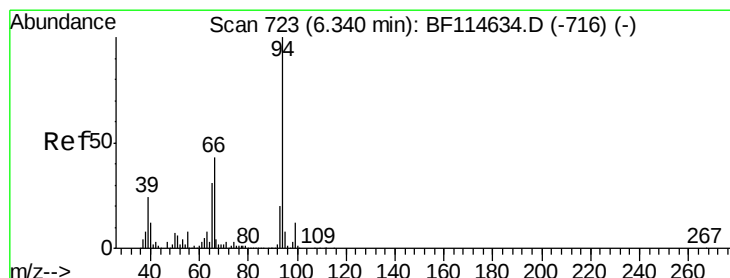
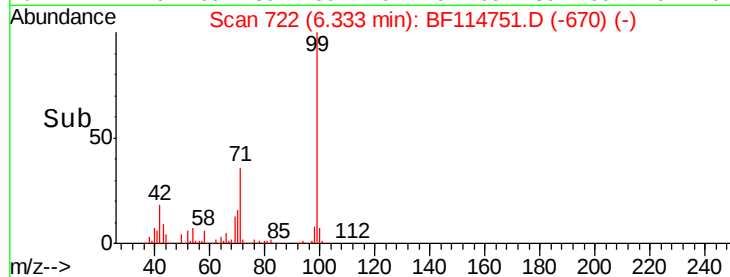
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.7	22.1
71	36.0	26.6	40.0



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: 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

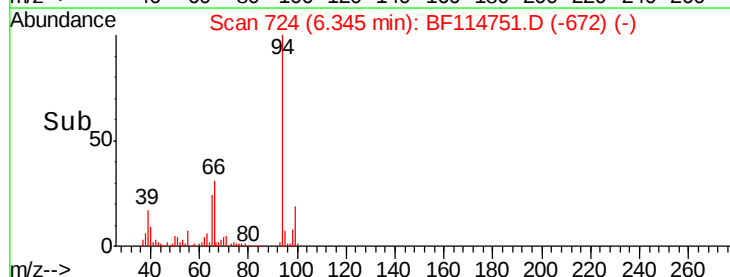
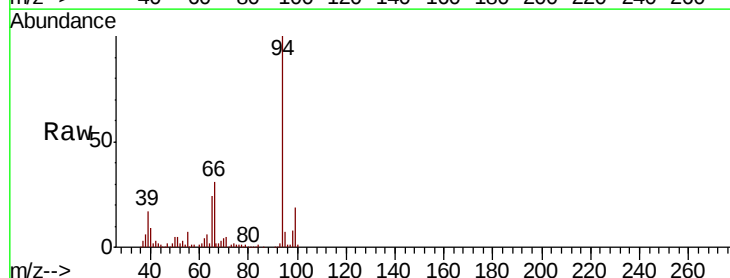
Tgt Ion: 94 Resp: 129370

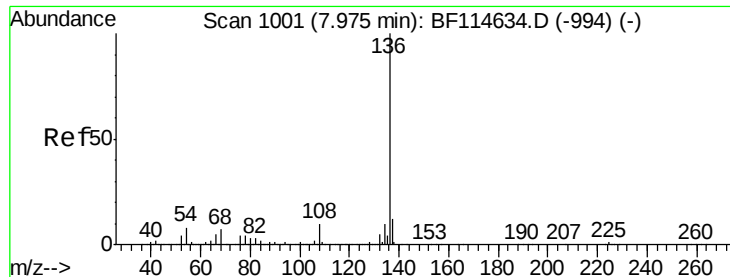
Ion	Ratio	Lower	Upper
94	100		
65	23.9	11.0	51.0
66	31.3	23.0	63.0

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

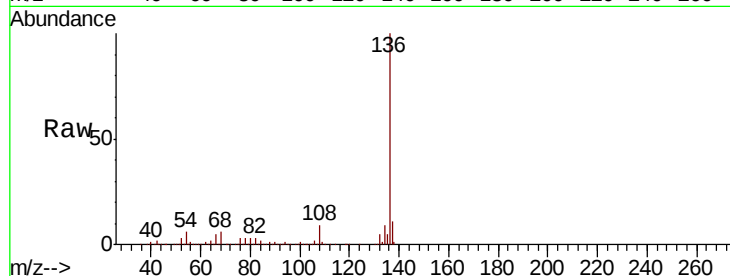




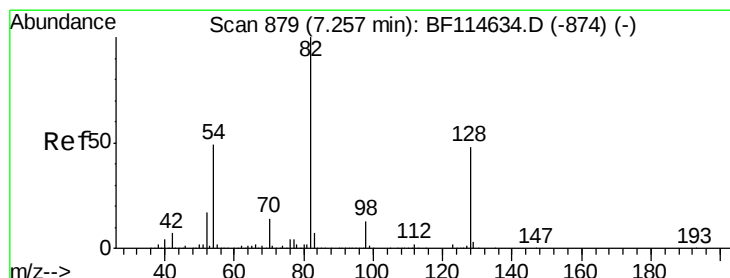
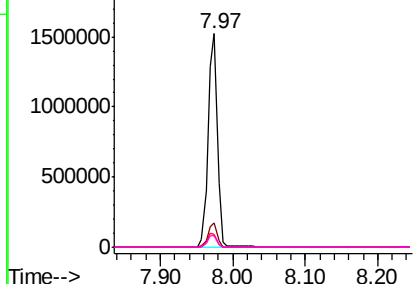
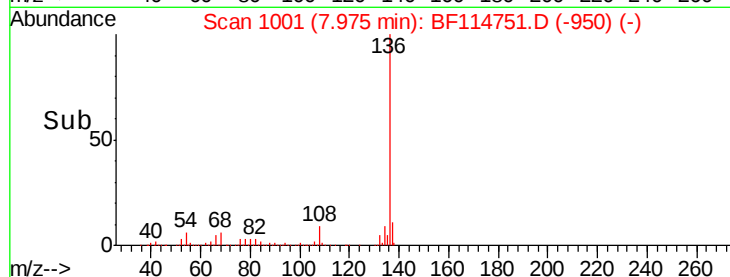
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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

Tot 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

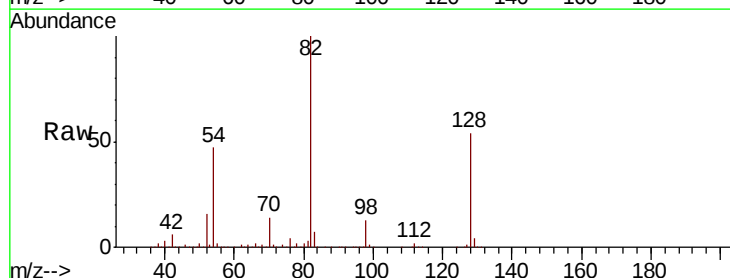


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

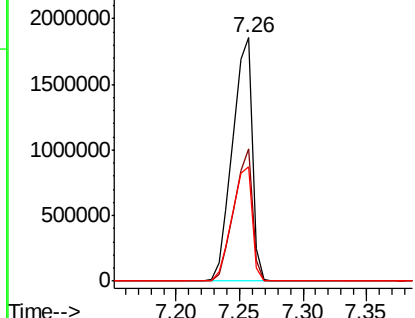
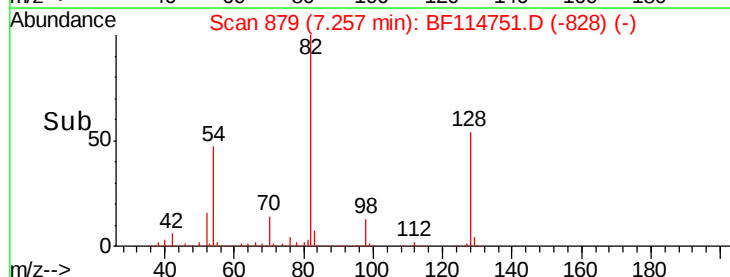


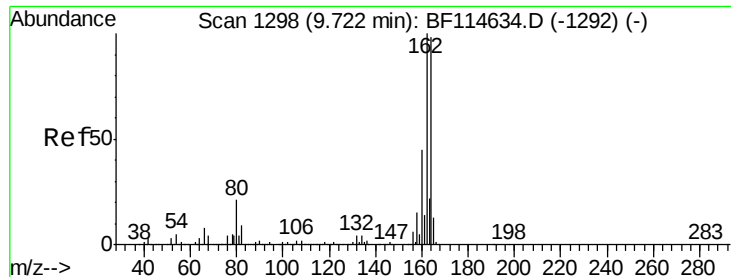
#23
Nitrobenzene-d5
Concen: 91.563 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

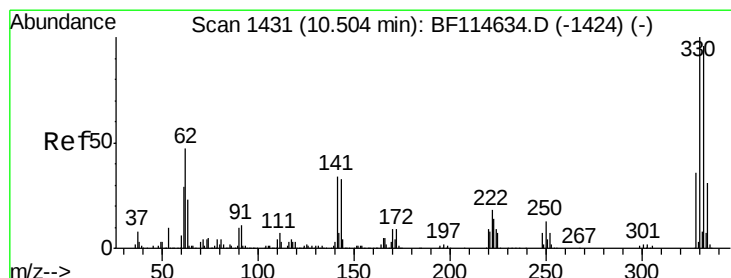
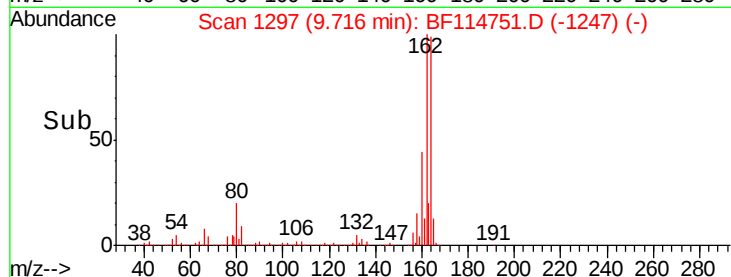
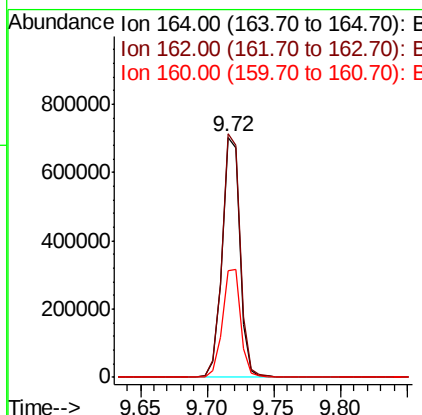
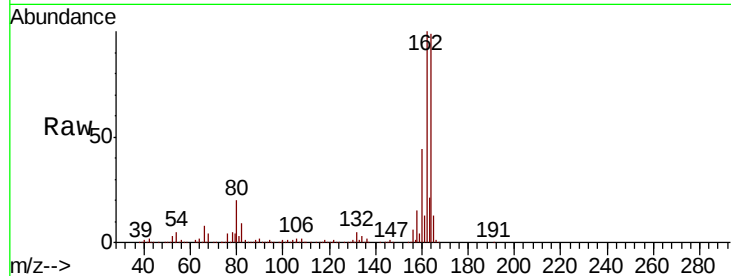




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

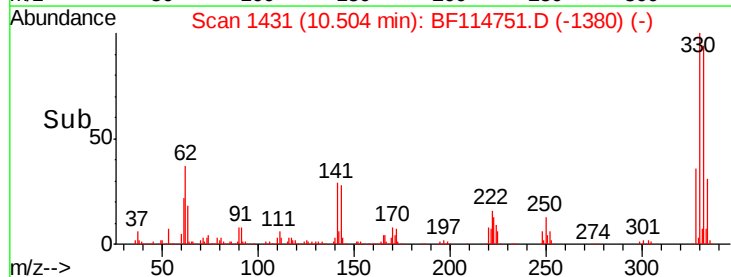
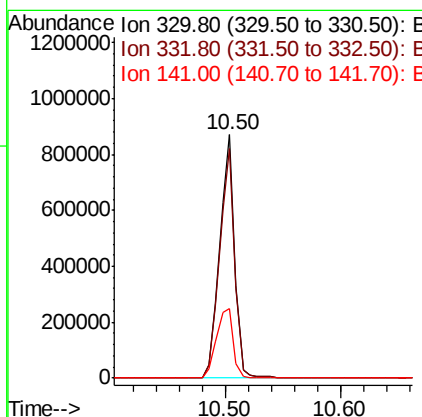
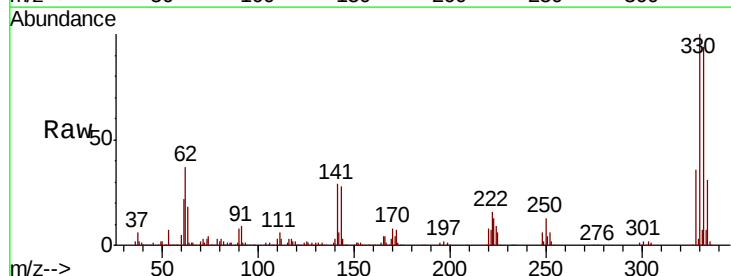
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)

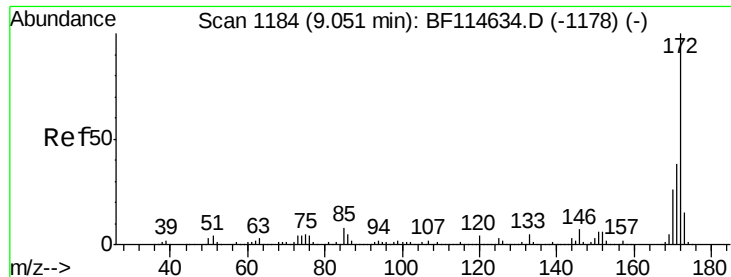
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	44.7	36.6	54.8



#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

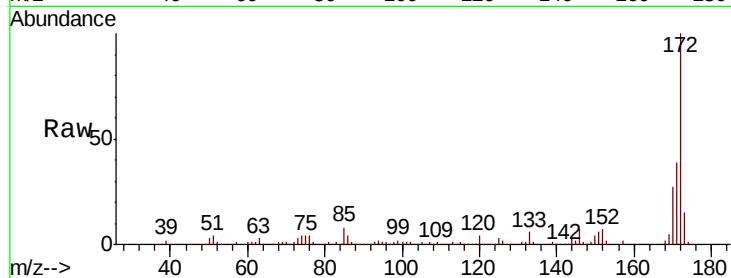




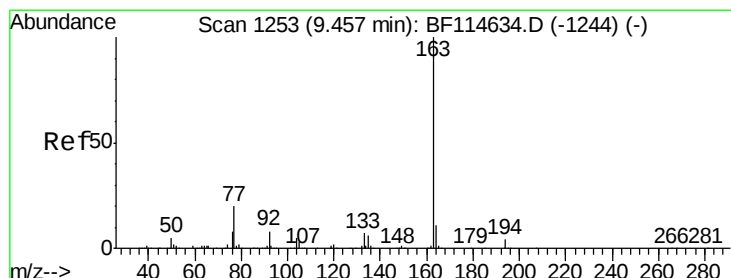
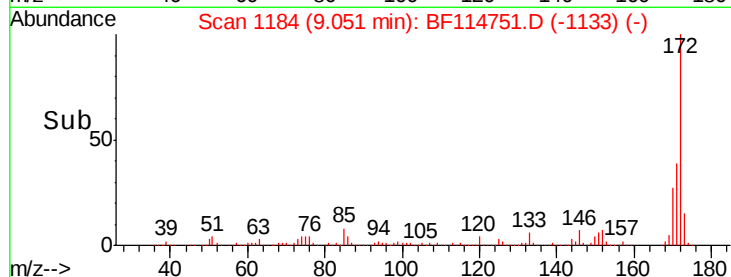
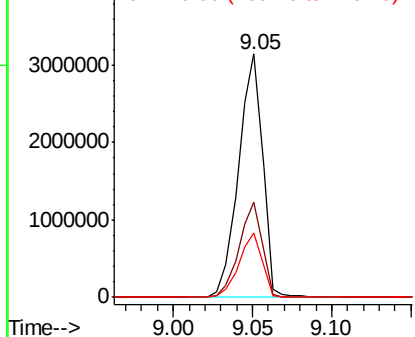
#45
2-Fluorobiphenyl
Concen: 94.593 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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

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

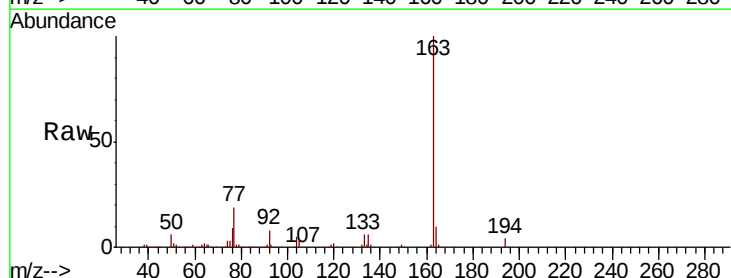


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

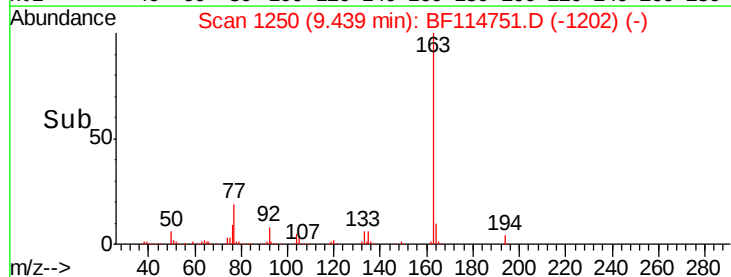
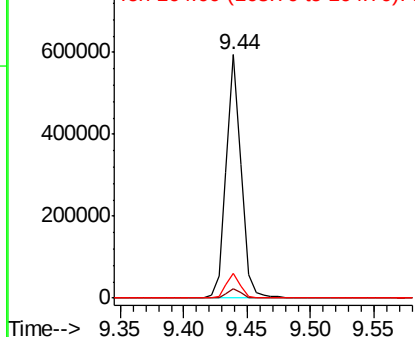


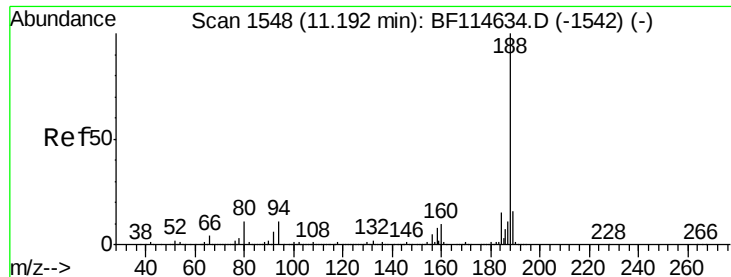
#50
Dimethylphthalate
Concen: 10.497 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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

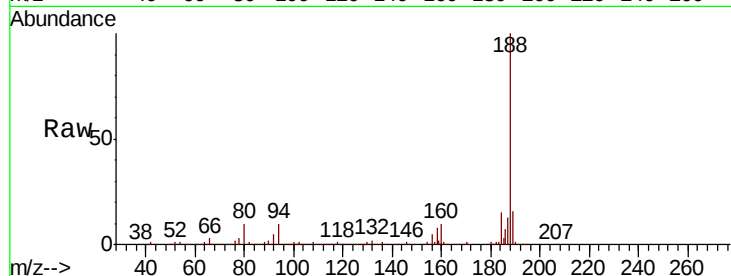




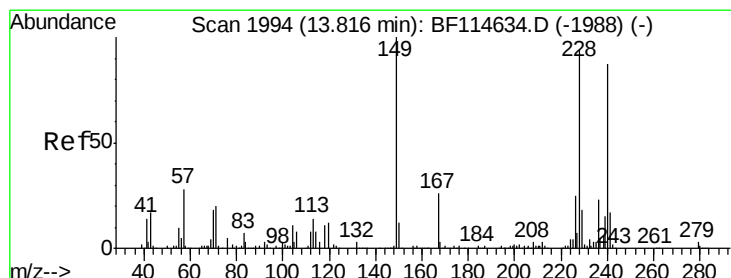
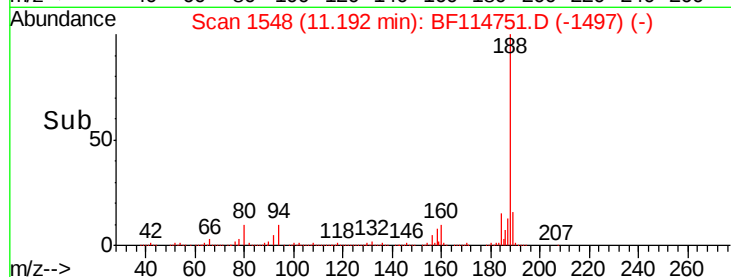
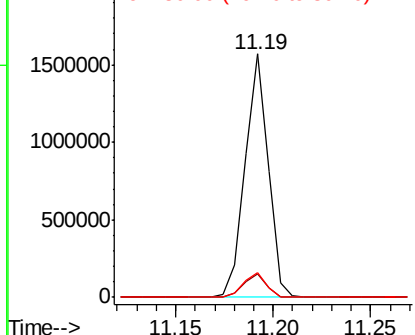
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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

Tot Ion:188 Resp: 1289574
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.3 9.0 13.6

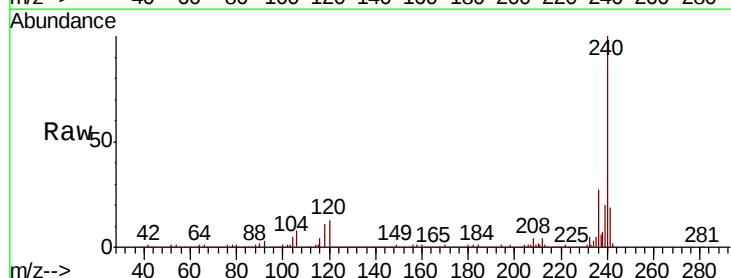


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

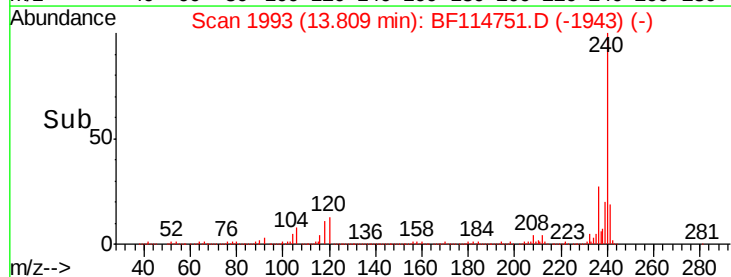
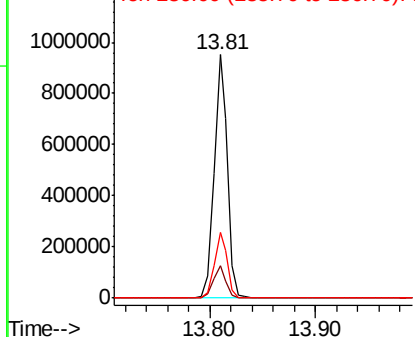


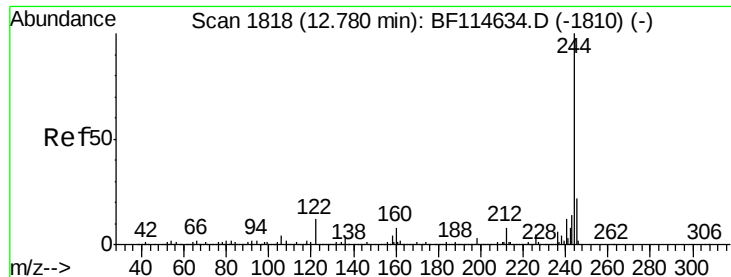
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114751.D
Acq: 1 Jun 2019 12:39

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)

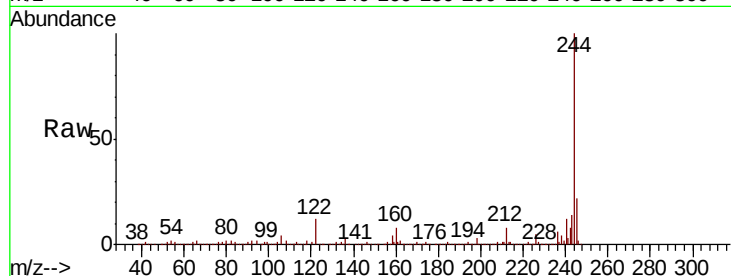
Tot Ion:244 Resp: 3431675

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

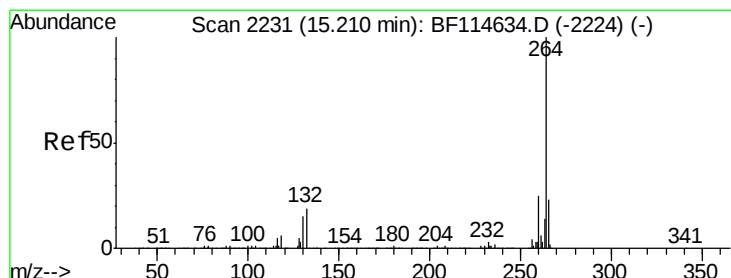
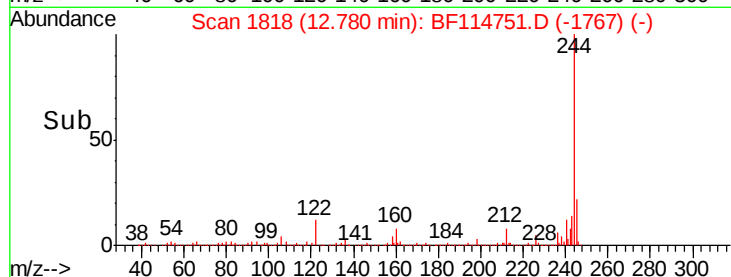
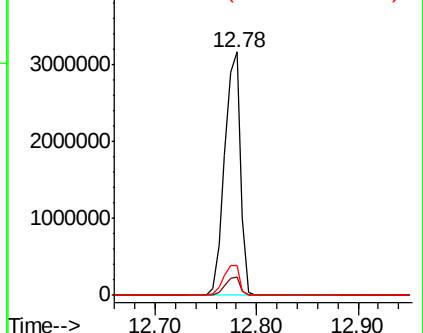
122 12.1 9.8 14.8



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

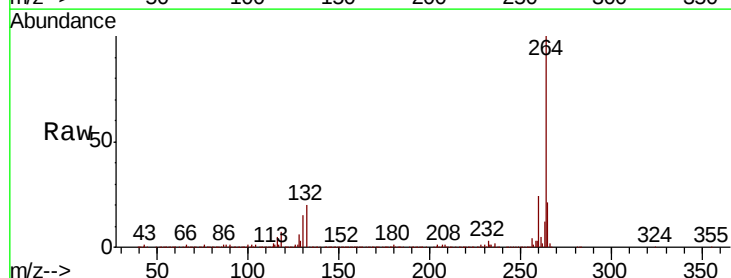
Tgt Ion:264 Resp: 818926

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

