

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083471.D
 Acq On : 3 Dec 2015 20:49
 Operator : UM/IZ
 Sample : G4573-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Quant Time: Dec 04 01:12:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

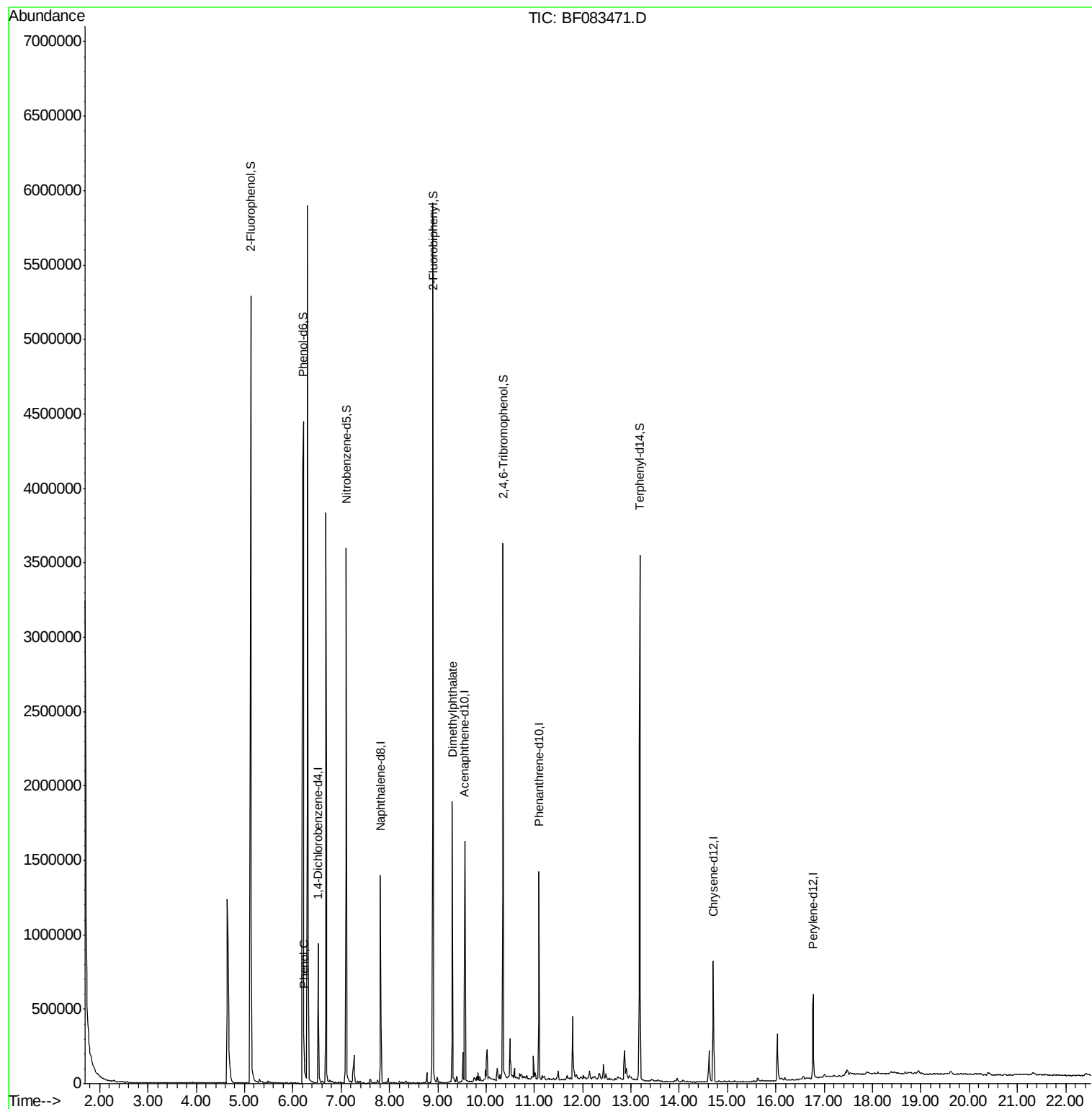
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	161754	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	619741	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	313796	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	545371	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	375208	20.00	ng	-0.06
86) Perylene-d12	16.77	264	333859	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1655980	153.62	ng	0.00
7) Phenol-d6	6.21	99	2400790	162.72	ng	-0.01
23) Nitrobenzene-d5	7.10	82	1375294	97.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	394128	125.12	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1822900	82.78	ng	-0.02
78) Terphenyl-d14	13.19	244	1571349	99.88	ng	-0.03
Target Compounds						
10) Phenol	6.22	94	38221	2.15	ng	93
49) Dimethylphthalate	9.30	163	710603	27.87	ng	99

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

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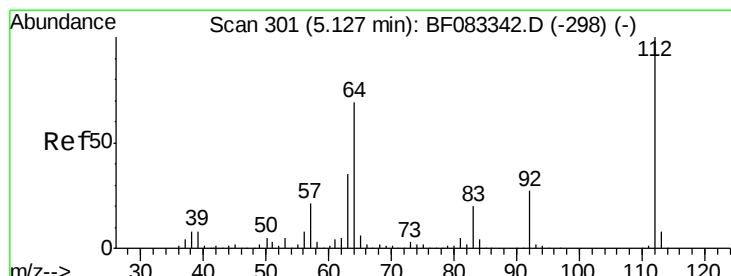
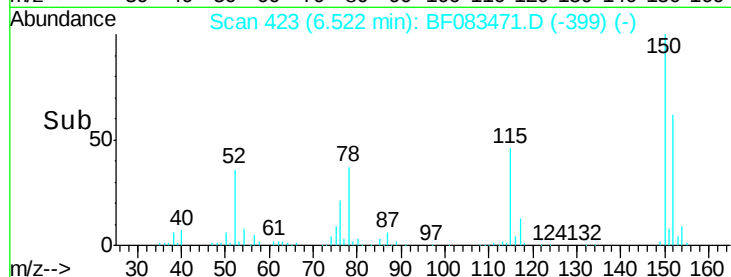
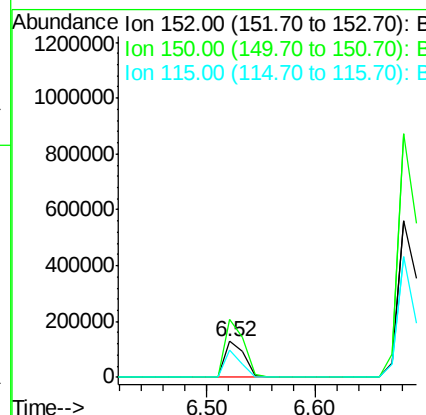
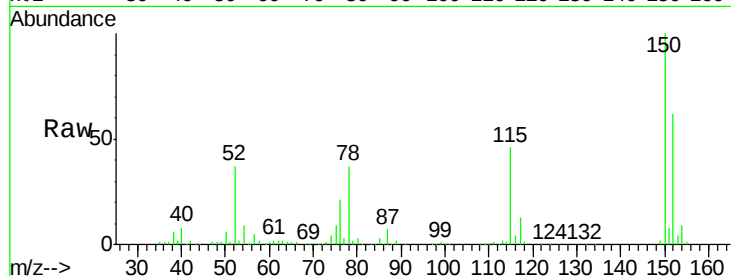




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

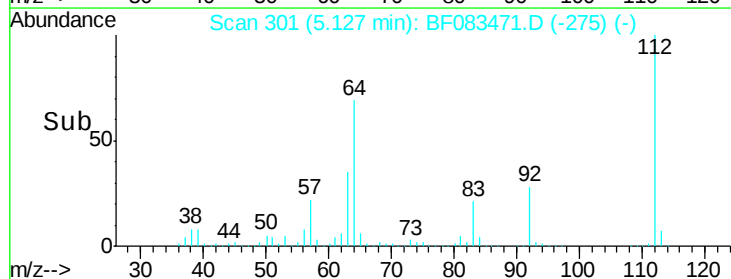
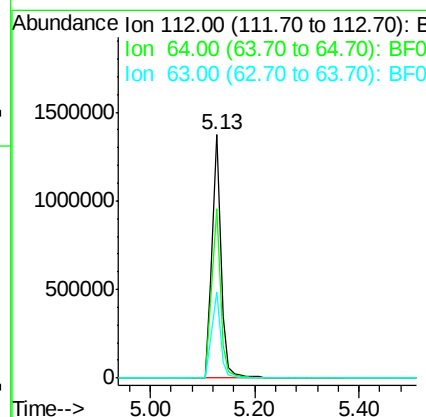
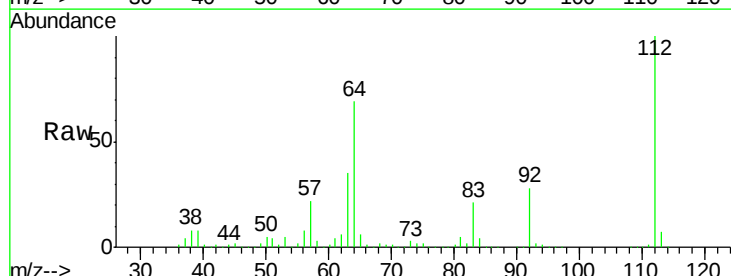
Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tot Ion:152 Resp: 161754
 Ion Ratio Lower Upper
 152 100
 150 162.0 129.8 194.8
 115 74.3 59.2 88.8



#5
 2-Fluorophenol
 Concen: 153.62 ng
 RT: 5.13 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion:112 Resp: 1655980
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.6 83.4
 63 35.4 28.2 42.2





#7

Phenol-d6

Concen: 162.72 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

K207-64-65

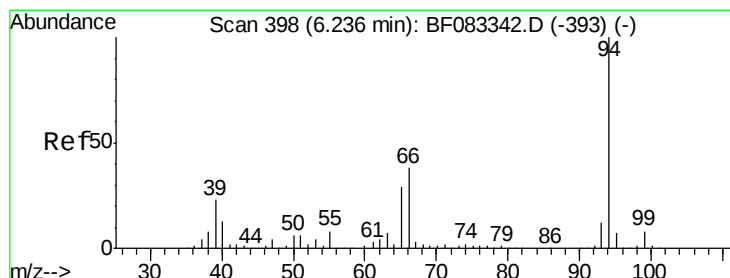
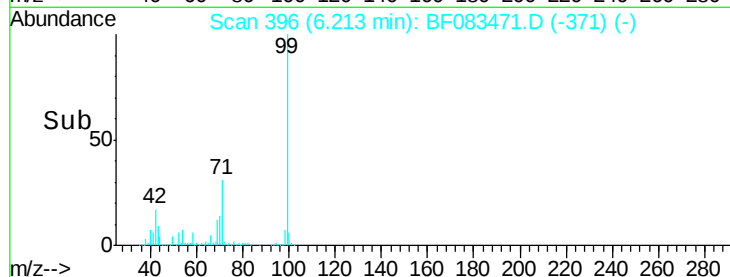
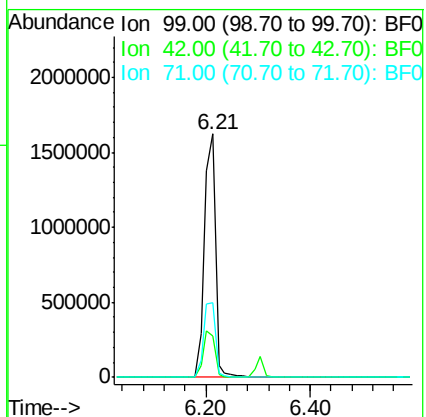
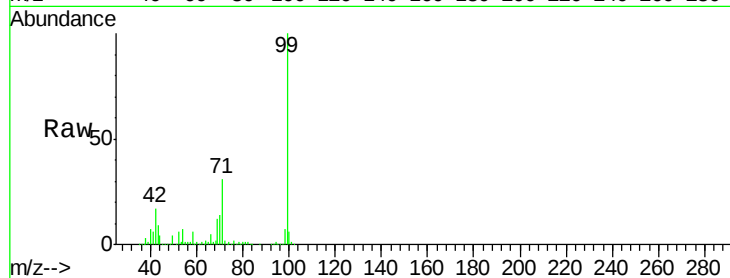
Tot Ion: 99 Resp: 2400790

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 30.9 24.7 37.1



#10

Phenol

Concen: 2.15 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

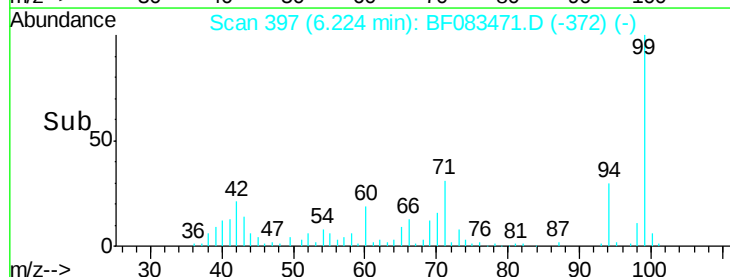
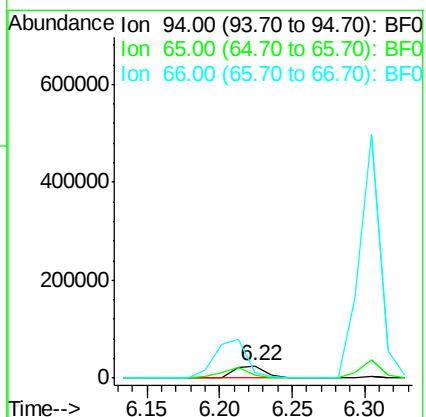
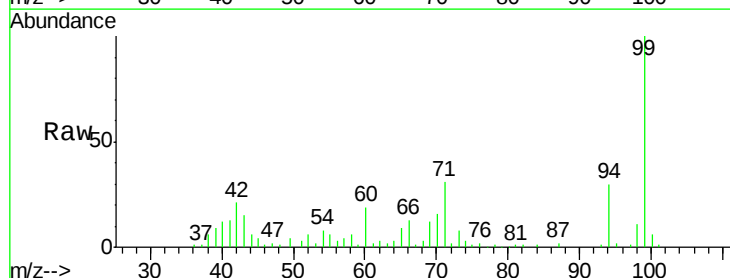
Tgt Ion: 94 Resp: 38221

Ion Ratio Lower Upper

94 100

65 30.0 9.5 49.5

66 44.4 17.9 57.9

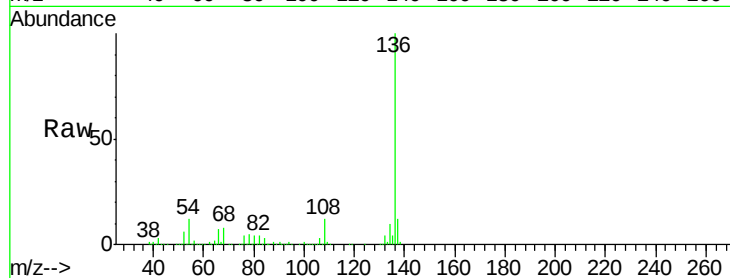




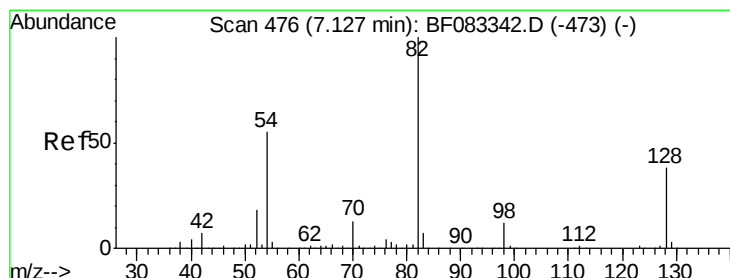
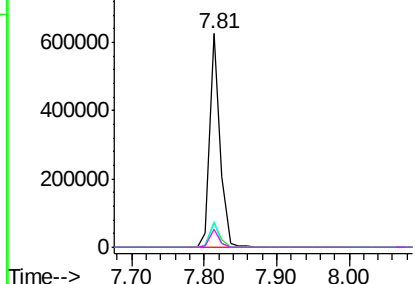
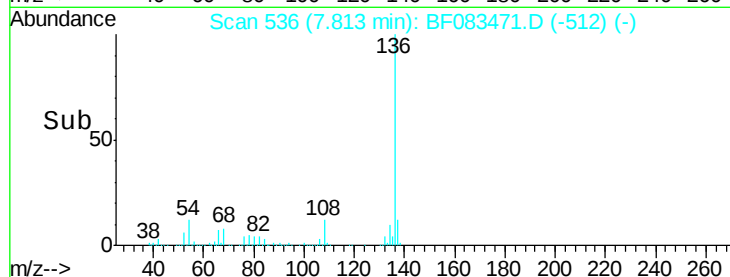
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
K207-64-65

Tot Ion:136	Resp:	619741	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.0	13.4	
54 11.8	10.1	15.1	
68 8.1	7.1	10.7	

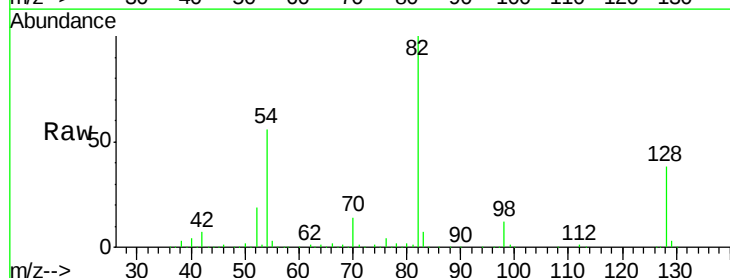


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

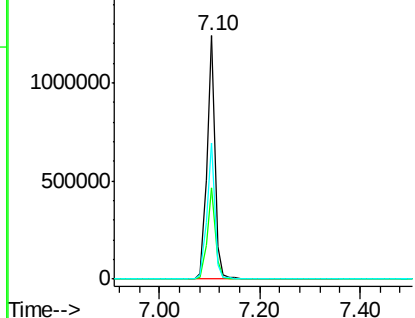
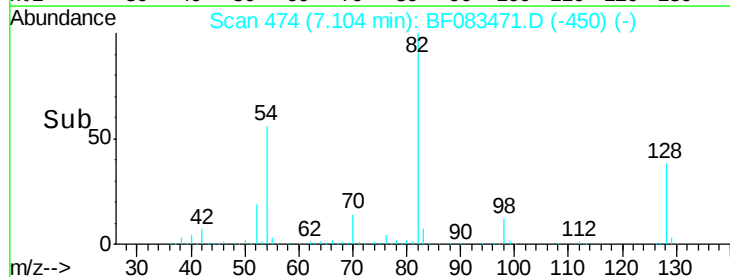


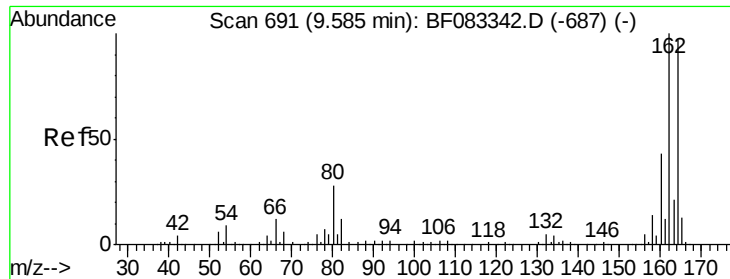
#23
Nitrobenzene-d5
Concen: 97.55 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Tgt Ion: 82	Resp: 1375294
Ion Ratio	Lower Upper
82 100	
128 37.6	30.6 46.0
54 55.6	43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

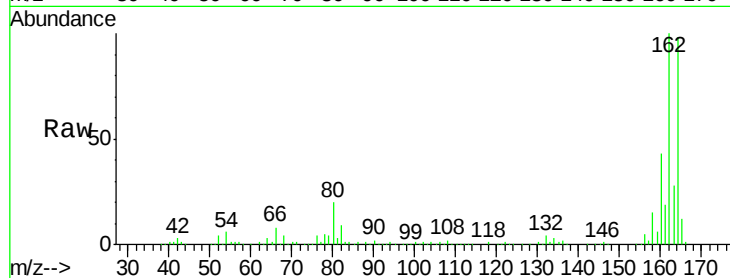




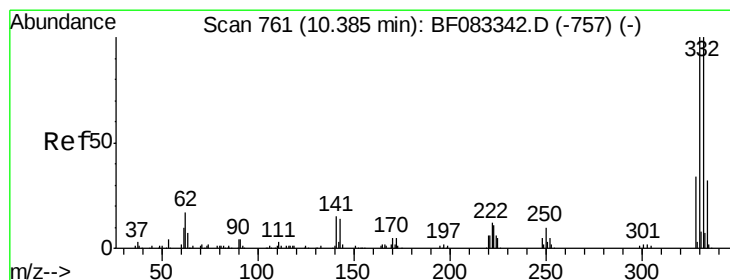
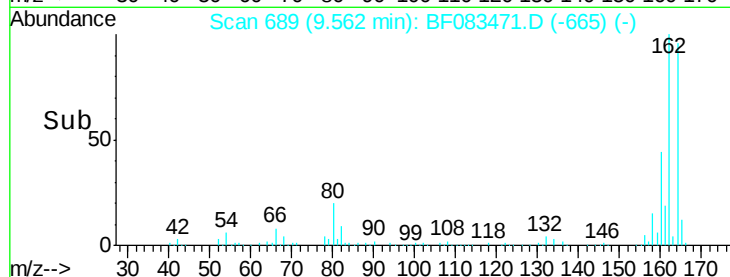
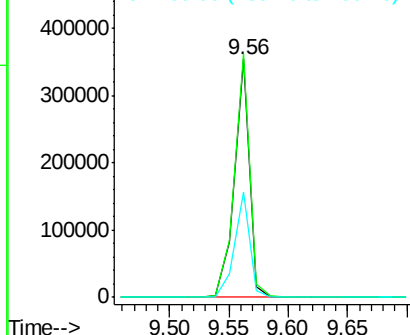
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
K207-64-65

Tot Ion:164 Resp: 313796
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 44.4 35.3 52.9

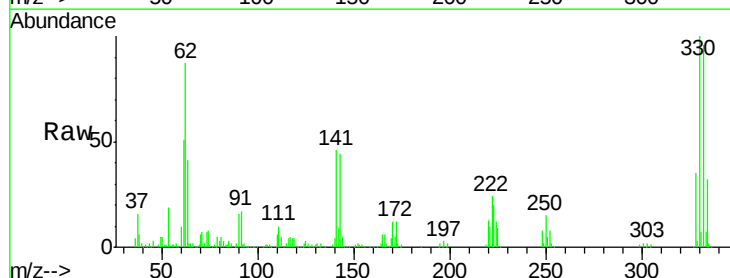


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

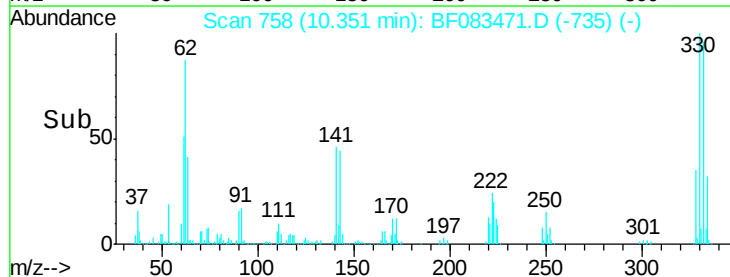
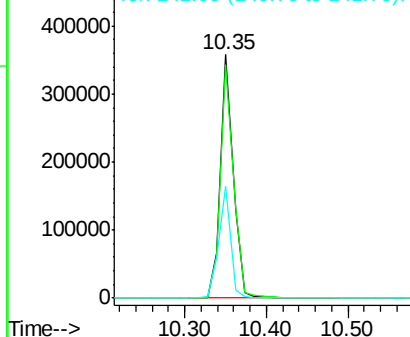


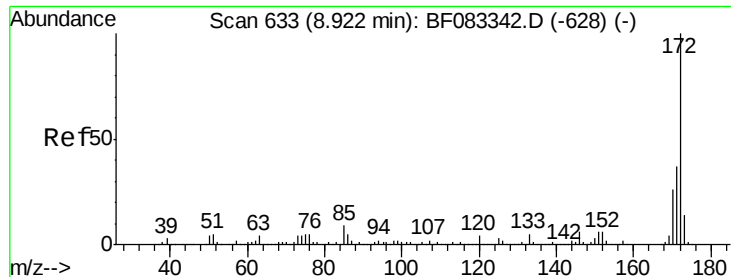
#41
2,4,6-Tribromophenol
Concen: 125.12 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Tgt Ion:330 Resp: 394128
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 42.8 29.4 44.0



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

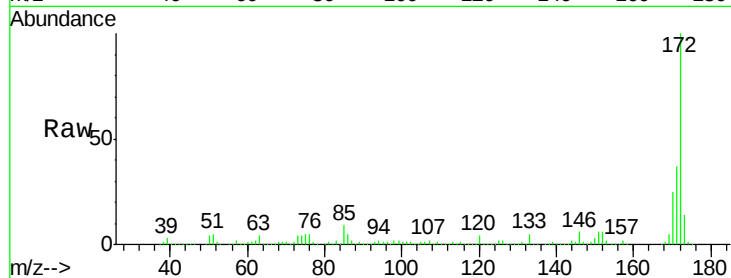




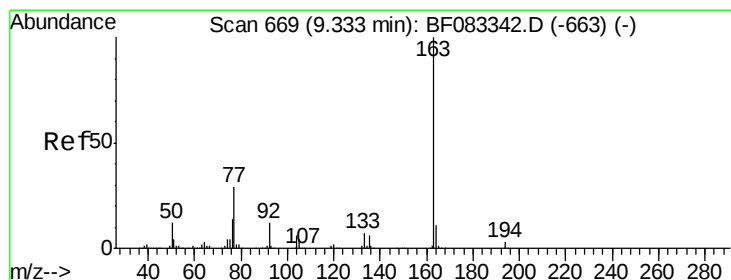
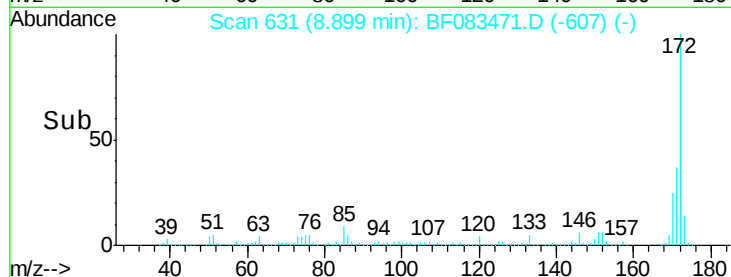
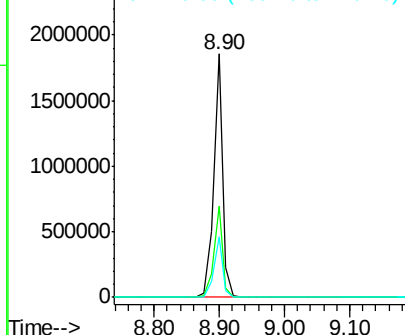
#44
2-Fluorobiphenyl
Concen: 82.78 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
K207-64-65

Tot Ion:172 Resp: 1822900
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.7 20.4 30.6

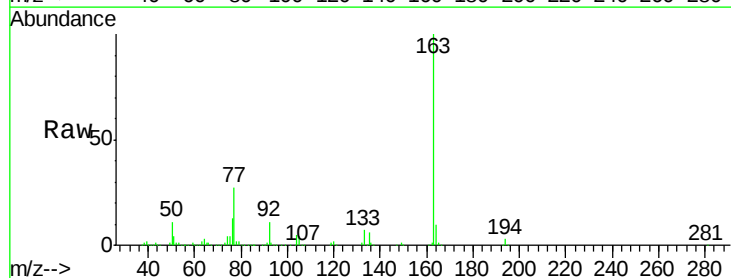


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

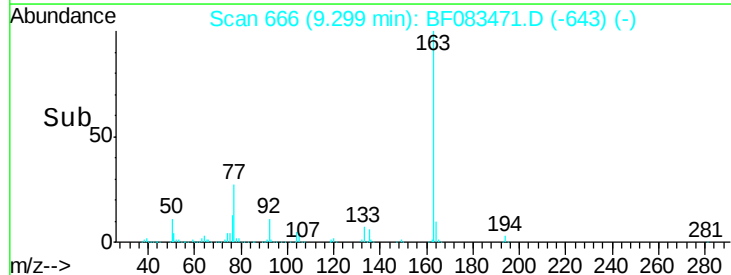
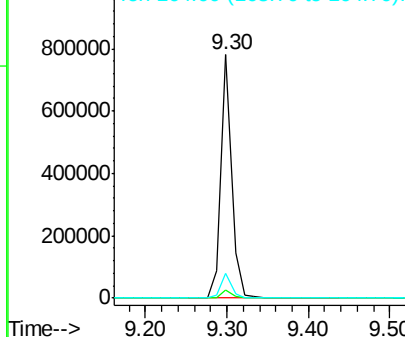


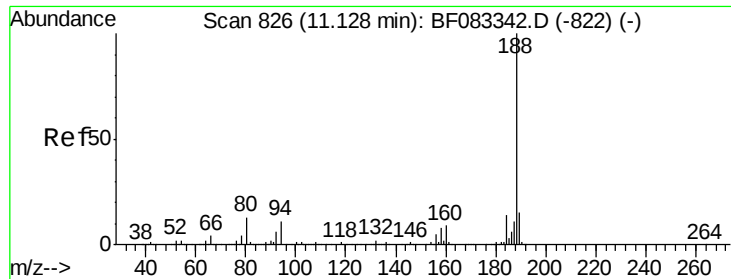
#49
Dimethylphthalate
Concen: 27.87 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Tgt Ion:163 Resp: 710603
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.8 13.2



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

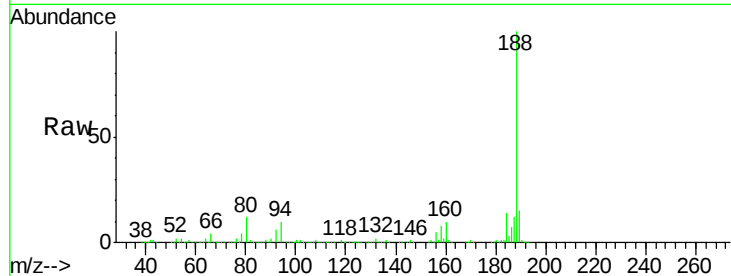




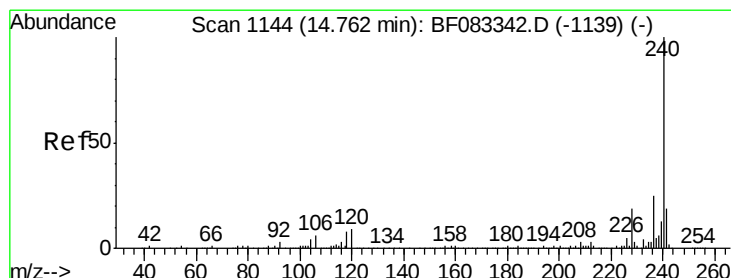
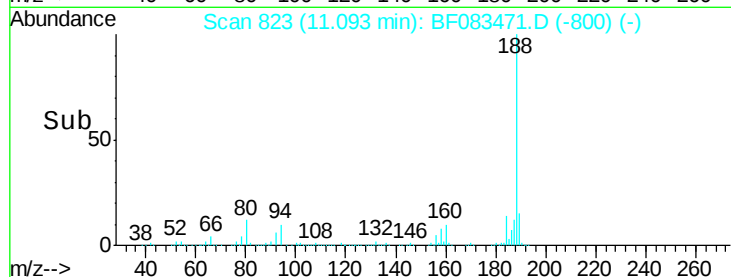
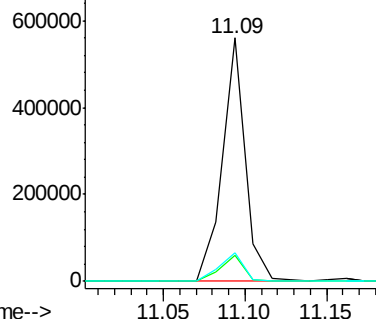
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
K207-64-65

Tot Ion:188 Resp: 545371
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.7 10.3 15.5

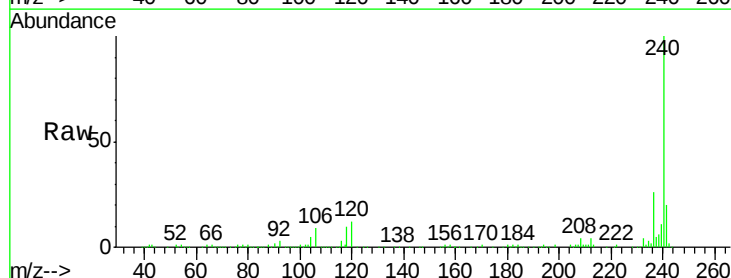


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

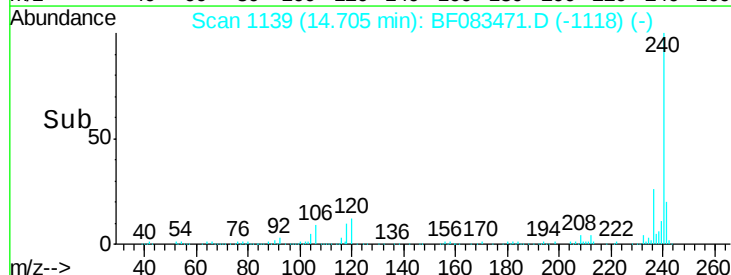
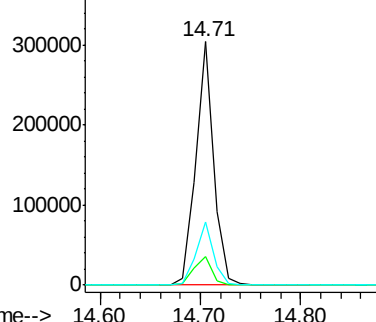


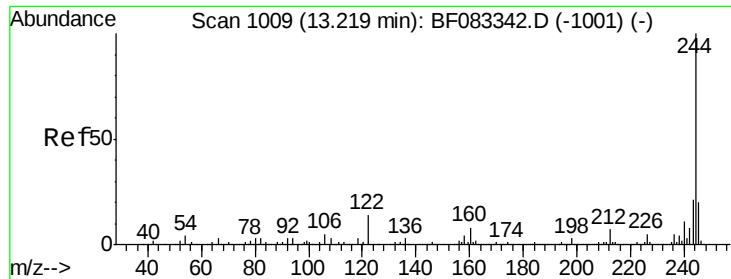
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Tgt Ion:240 Resp: 375208
Ion Ratio Lower Upper
240 100
120 11.6 6.9 10.3#
236 25.7 19.8 29.6



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

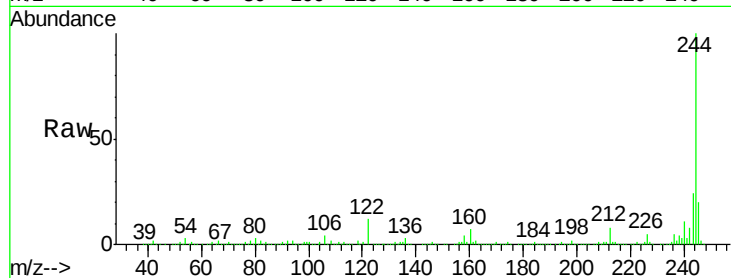




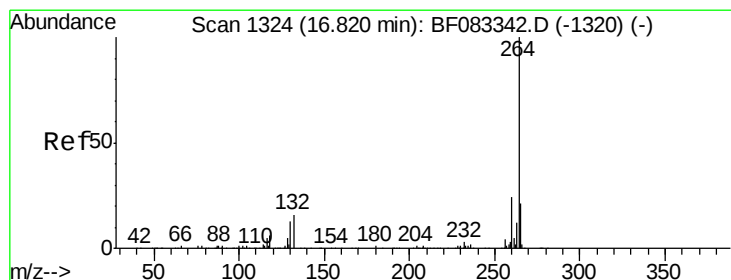
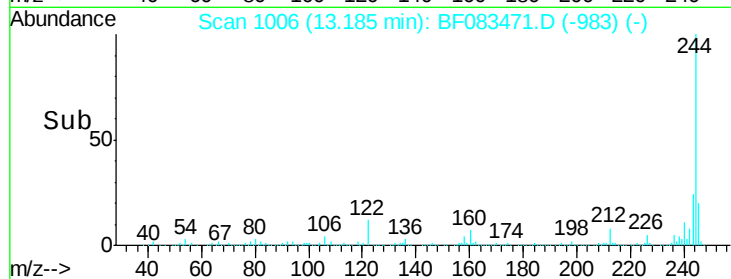
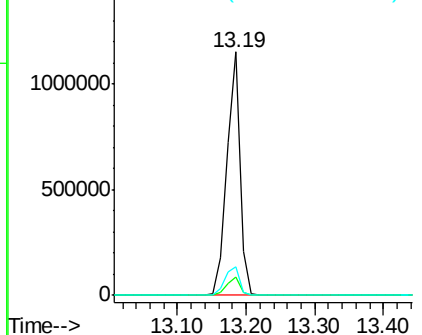
#78
 Terphenyl-d14
 Concen: 99.88 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tot Ion:244 Resp: 1571349
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.0 11.0 16.4

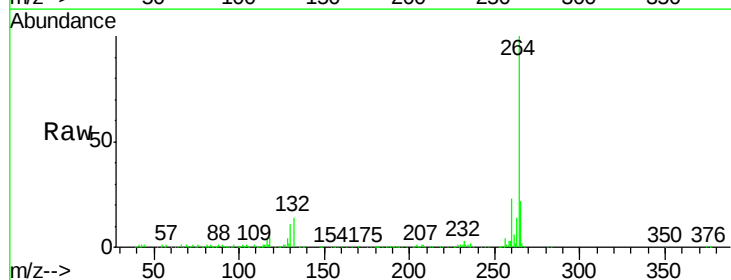


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion:264 Resp: 333859
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.5 16.8 25.2



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

