

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086540.D
 Acq On : 1 May 2016 00:00
 Operator : UM/SJ
 Sample : H2720-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D46

Quant Time: May 01 05:32:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 05:26:39 2016
 Response via : Initial Calibration

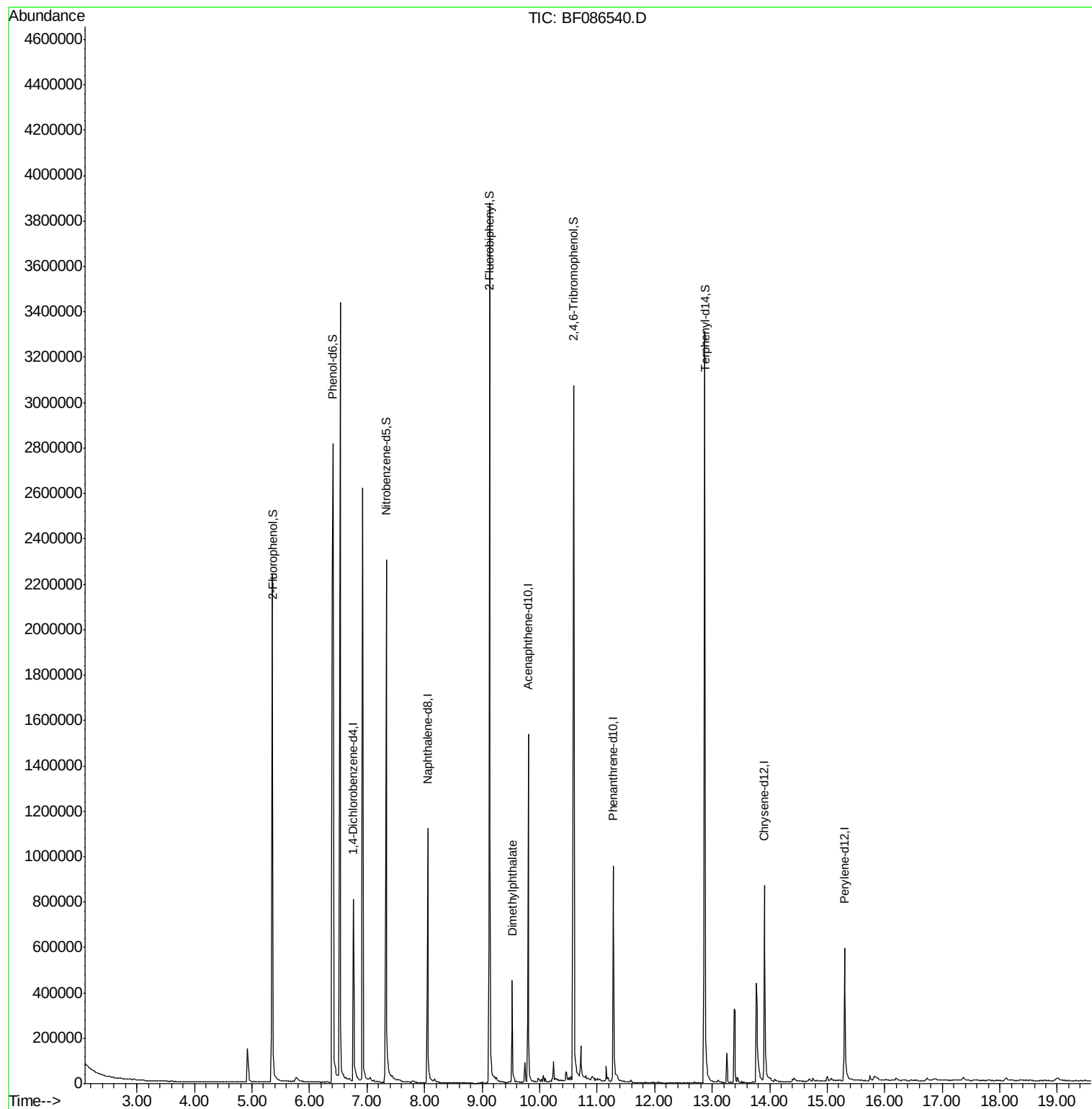
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132758	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	595575	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	294234	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	549750	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	449635	20.00	ng	-0.01
86) Perylene-d12	15.30	264	329635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	859175	111.63	ng	0.01
7) Phenol-d6	6.41	99	1366392	127.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	860434	77.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	398911	128.56	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1333257	77.83	ng	-0.01
78) Terphenyl-d14	12.88	244	1626501	79.70	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	234225	10.57	ng	Qvalue 98

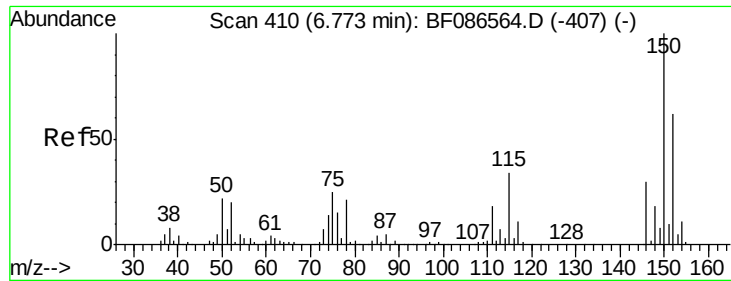
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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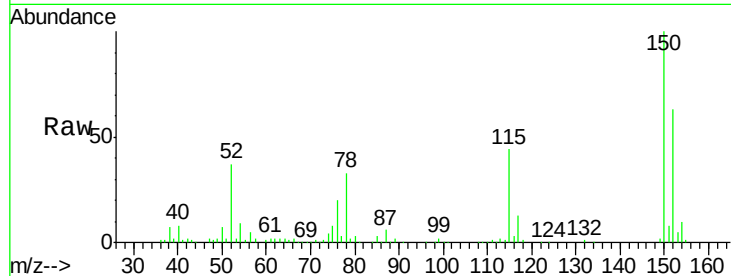


#1

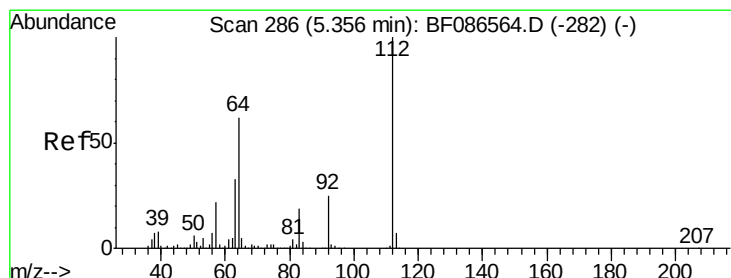
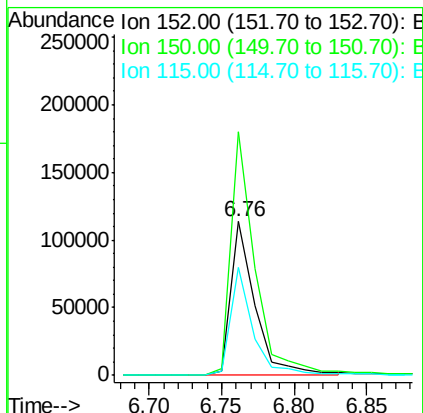
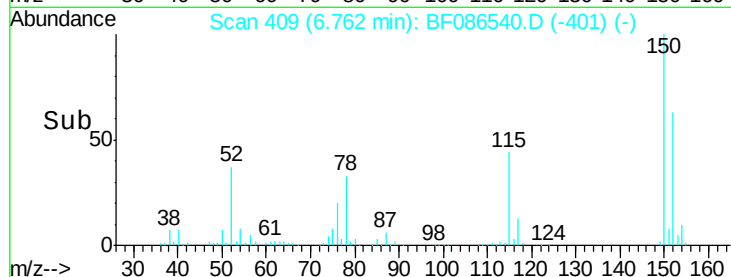
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
TP-8D46

Tot Ion:152 Resp: 132758
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 70.3 51.5 77.3



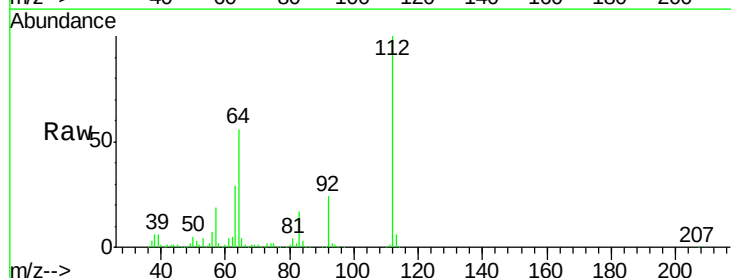
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



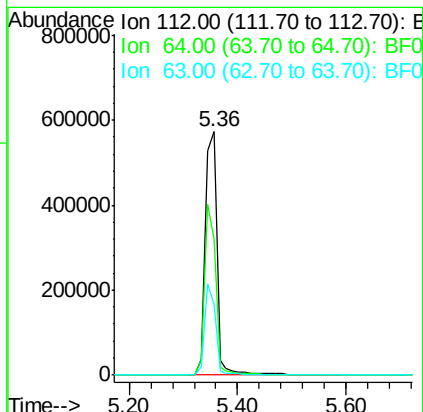
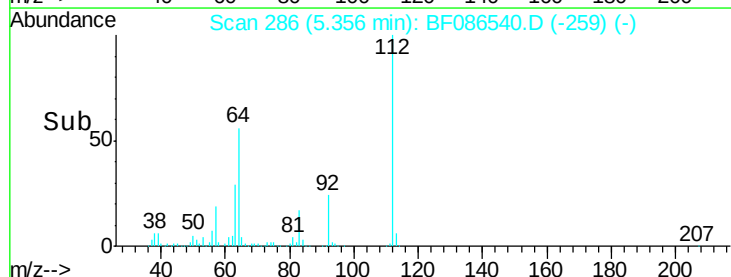
#5

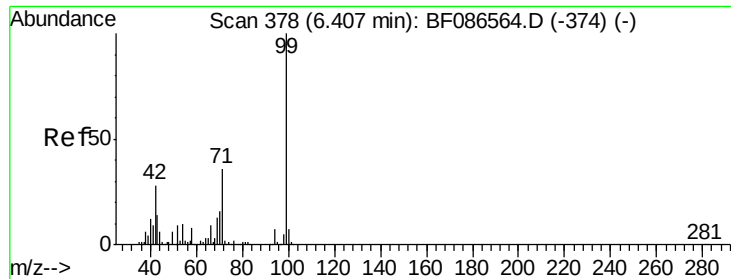
2-Fluorophenol
Concen: 111.63 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

Tgt Ion:112 Resp: 859175
Ion Ratio Lower Upper
112 100
64 55.7 52.1 78.1
63 29.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.20 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Instrument :

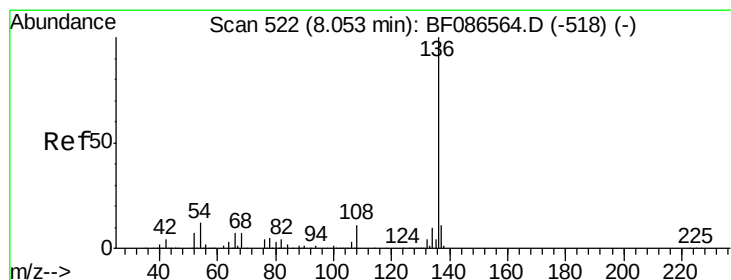
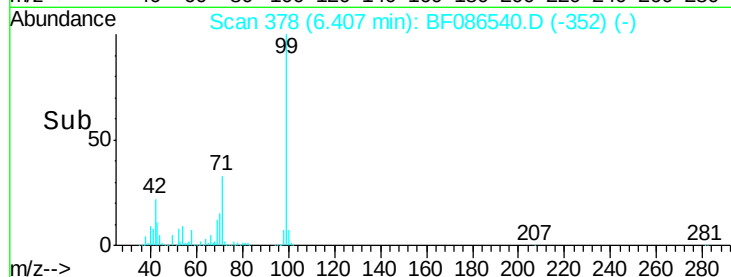
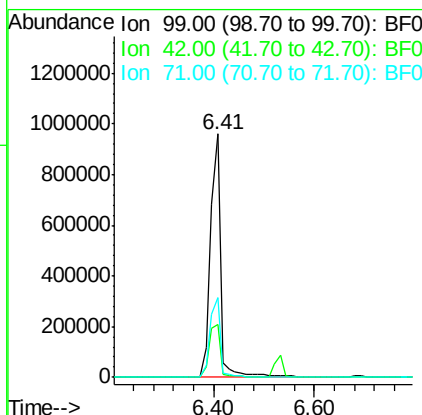
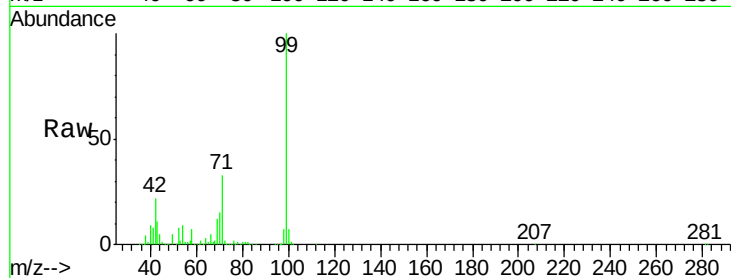
BNA_F

ClientSampleId :

TP-8D46

Tot Ion: 99 Resp: 1366392

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.6	20.4#
71	32.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

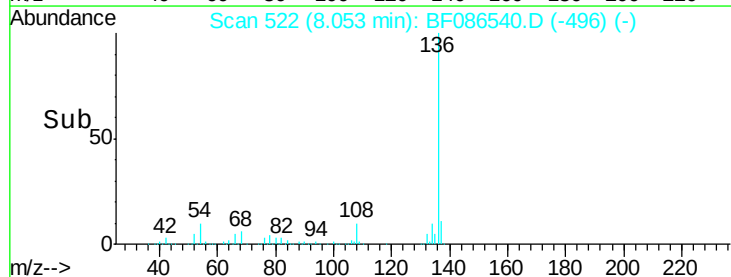
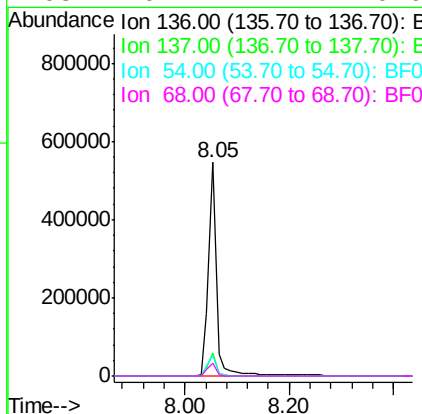
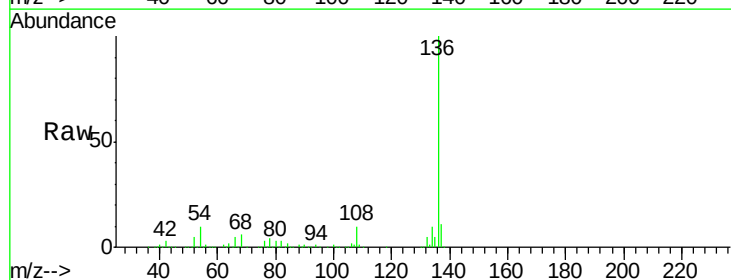
Delta R.T. 0.00 min

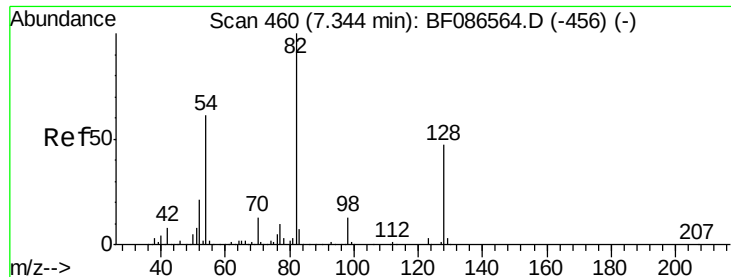
Lab File: BF086540.D

Acq: 1 May 2016 00:00

Tgt Ion: 136 Resp: 595575

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.7	5.0	7.4#
68	6.1	4.4	6.6

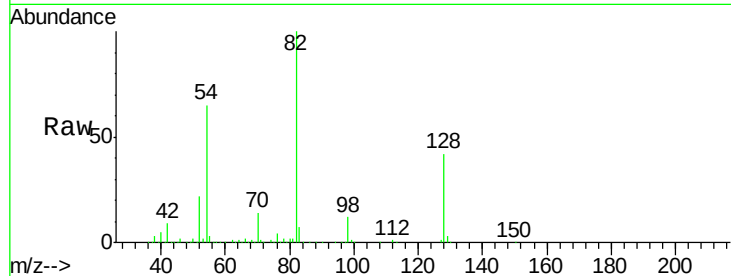




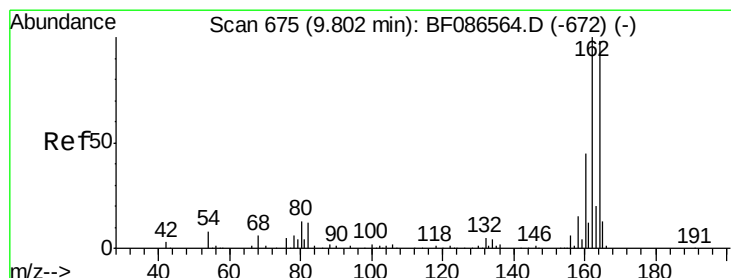
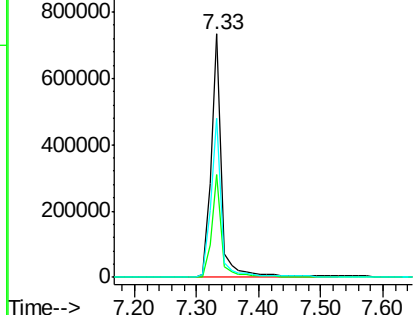
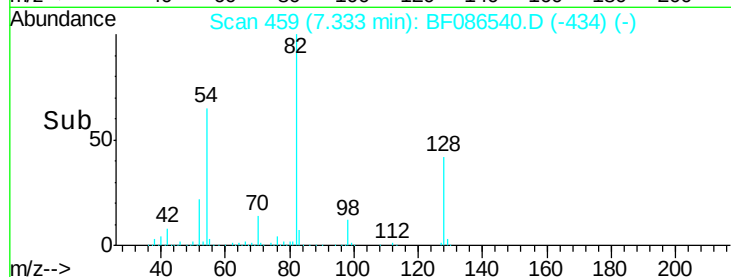
#23
 Nitrobenzene-d5
 Concen: 77.87 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Instrument :
 BNA_F
 ClientSampled :
 TP-8D46

Tot Ion	82	Resp	860434
Ion Ratio	Lower	Upper	
82	100		
128	42.4	40.6	61.0
54	65.2	38.1	57.1#

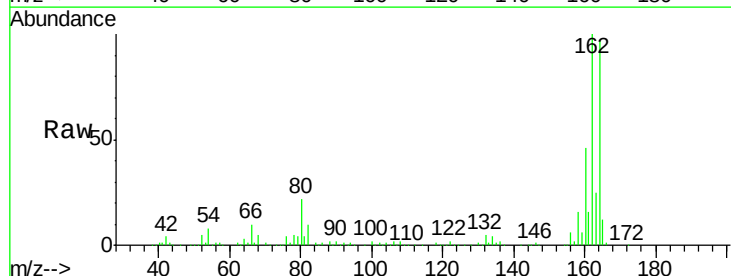


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

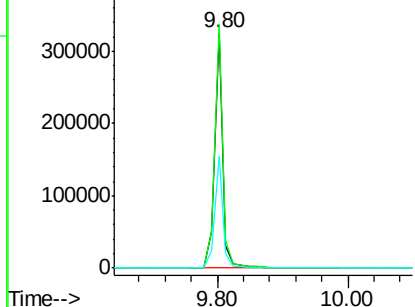
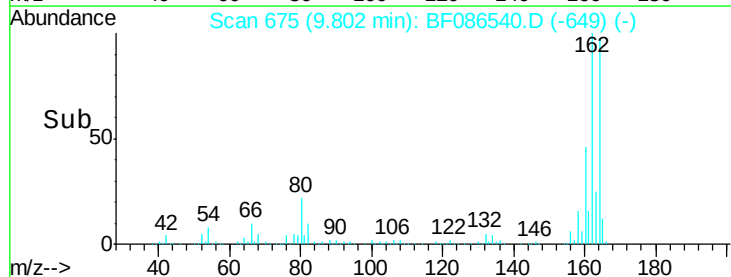


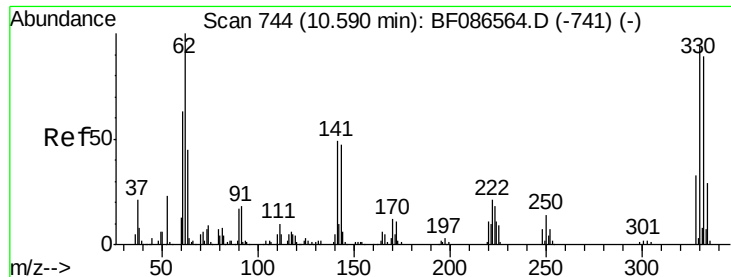
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Tgt Ion	164	Resp	294234
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.8	124.2
160	47.6	36.9	55.3



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

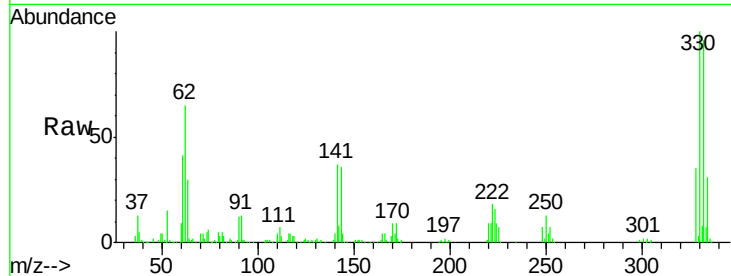




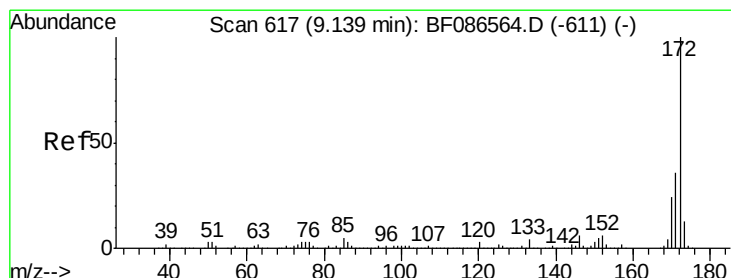
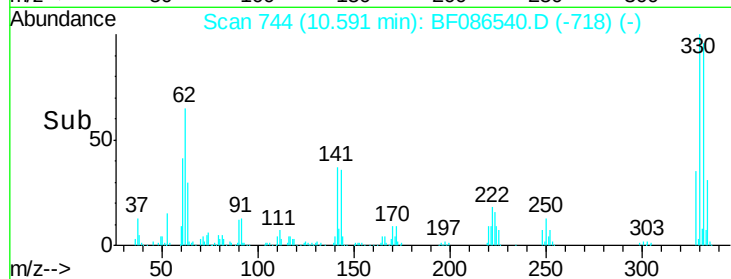
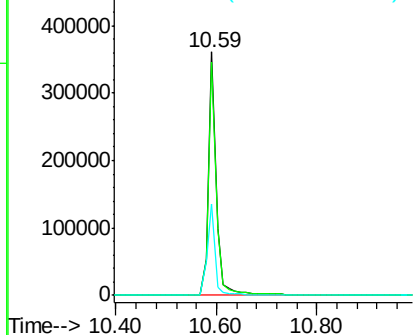
#41
 2,4,6-Tribromophenol
 Concen: 128.56 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D46

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	37.4	31.2	46.8

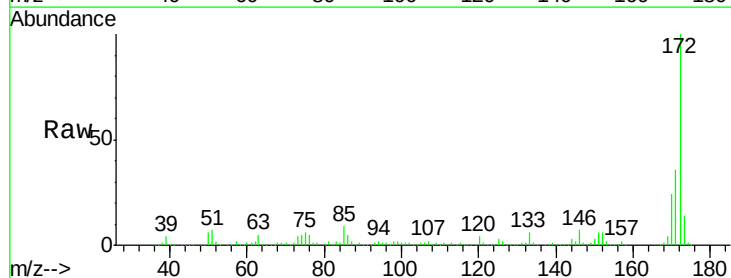


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

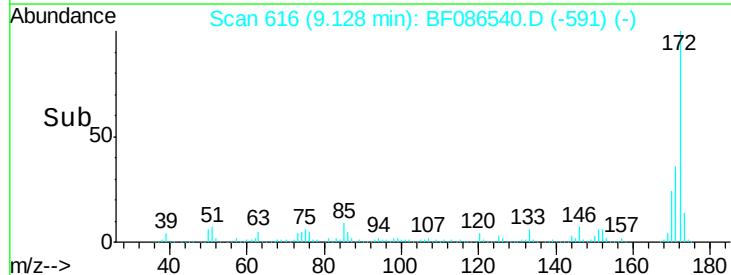
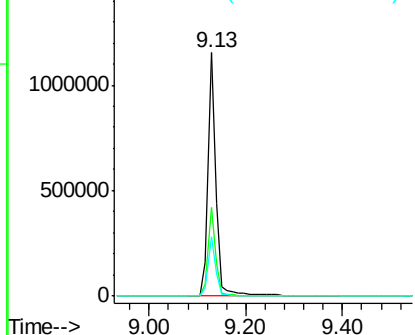


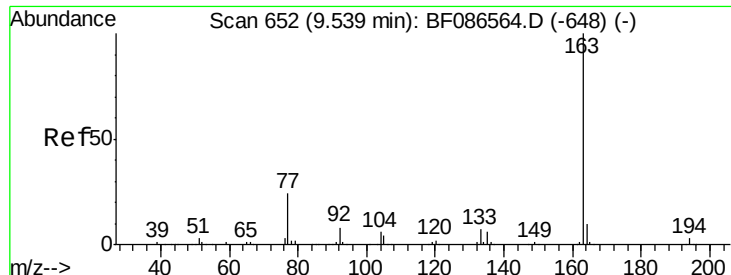
#44
 2-Fluorobiphenyl
 Concen: 77.83 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8



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

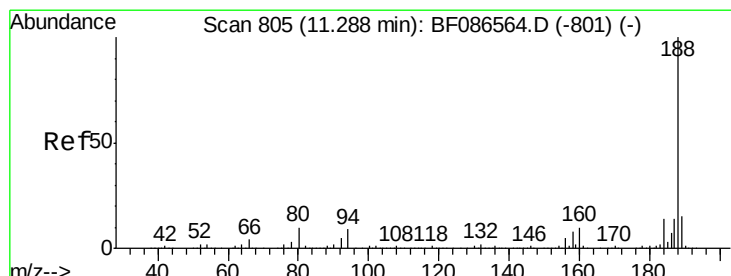
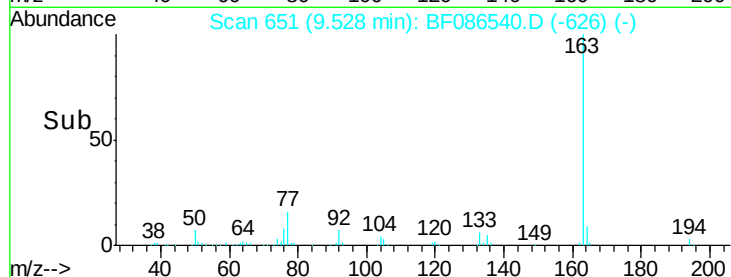
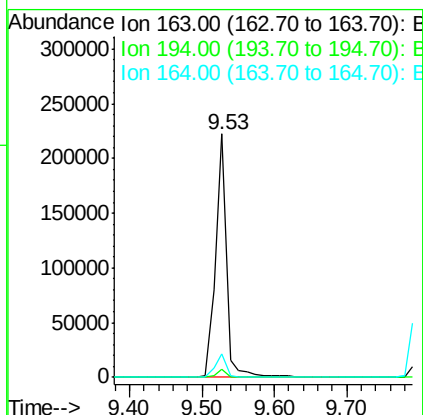
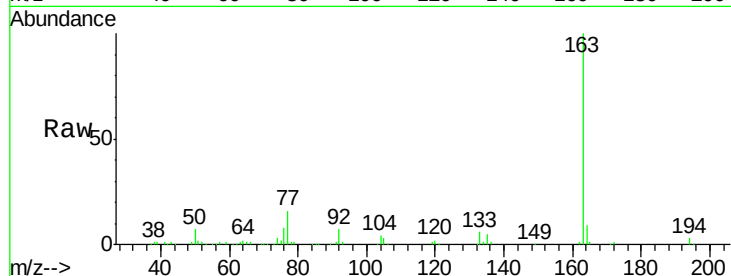




#49
Dimethylphthalate
Concen: 10.57 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

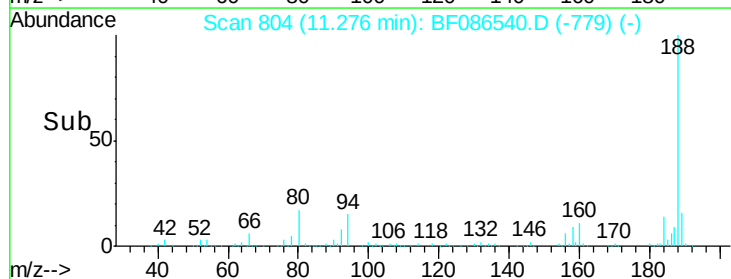
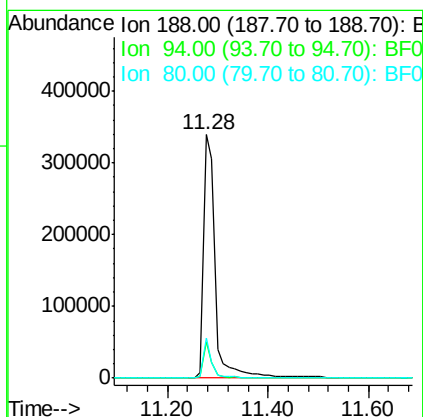
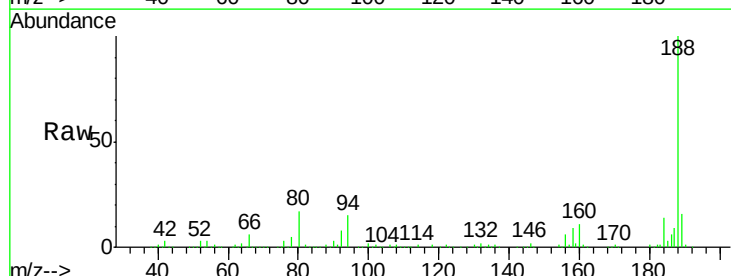
Instrument :
BNA_F
ClientSampleId :
TP-8D46

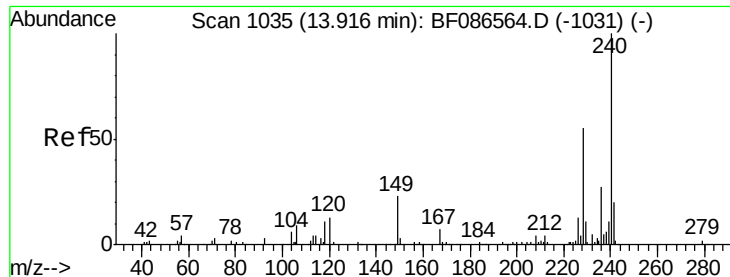
Tot Ion:163 Resp: 234225
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.5 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

Tgt Ion:188 Resp: 549750
Ion Ratio Lower Upper
188 100
94 14.8 6.8 10.2#
80 16.7 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP-8D46

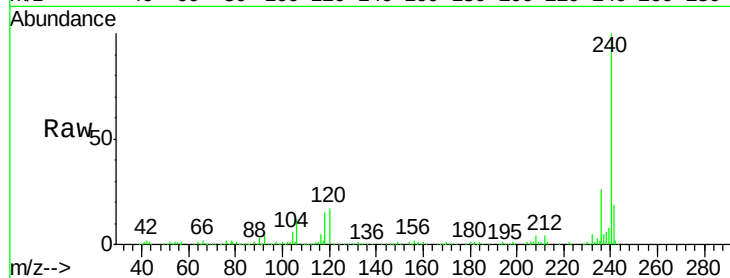
Tot Ion:240 Resp: 449635

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

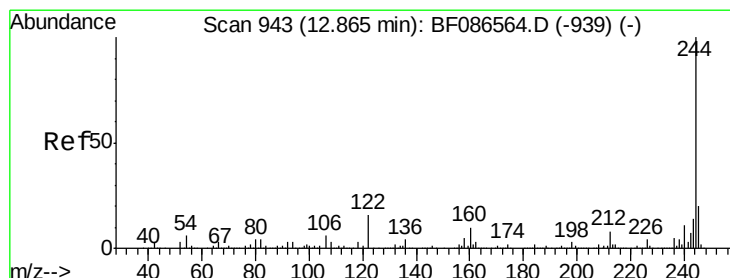
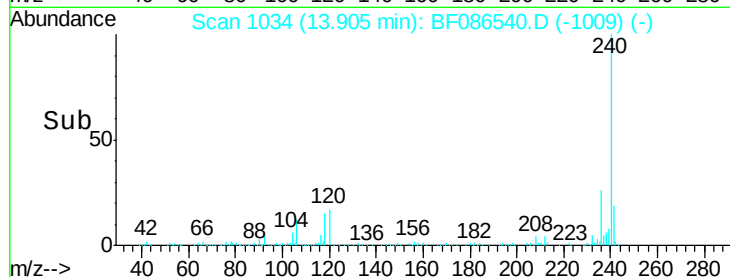
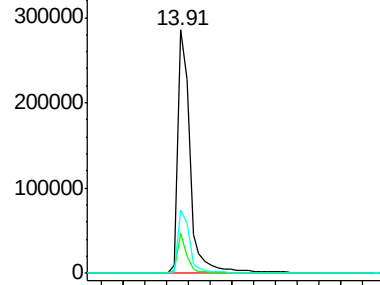
236 26.2 21.2 31.8



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



#78

Terphenyl-d14

Concen: 79.70 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

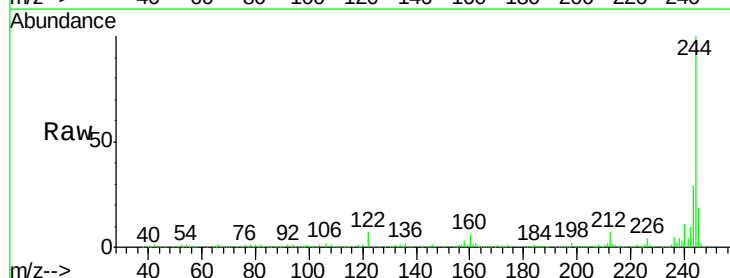
Tgt Ion:244 Resp: 1626501

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

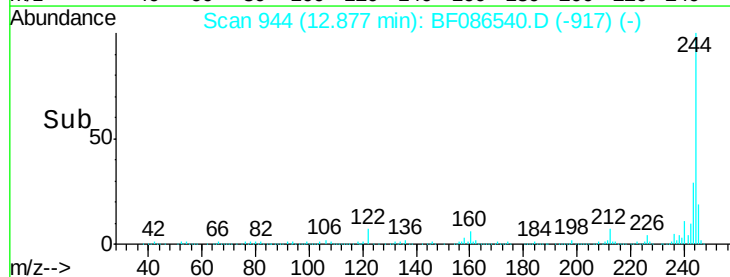
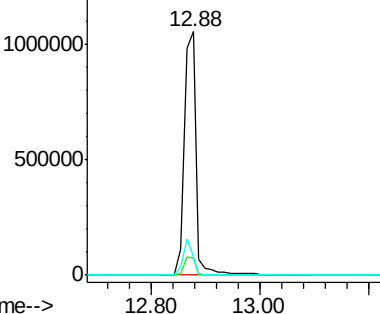
122 7.4 12.0 18.0#

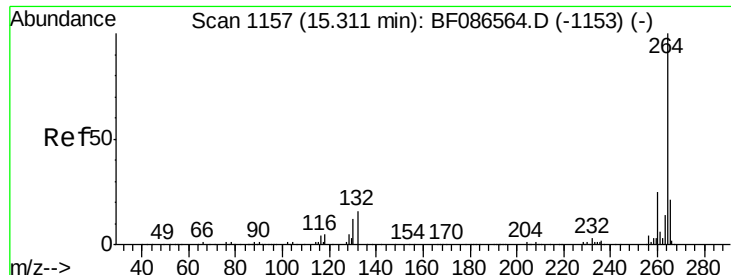


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

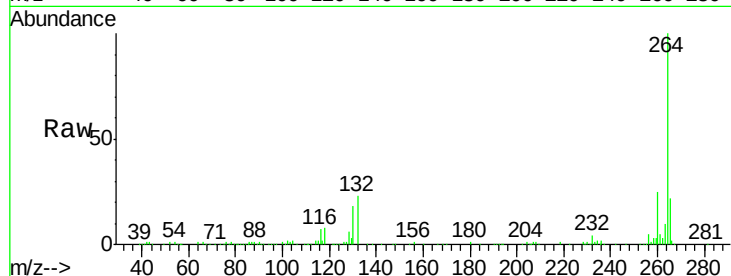




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D46

Tot Ion:264 Resp: 329635
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.9 17.3 25.9



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

