

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086378.D
 Acq On : 23 Apr 2016 8:45
 Operator : UM/SJ
 Sample : H2648-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Quant Time: Apr 25 04:54:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

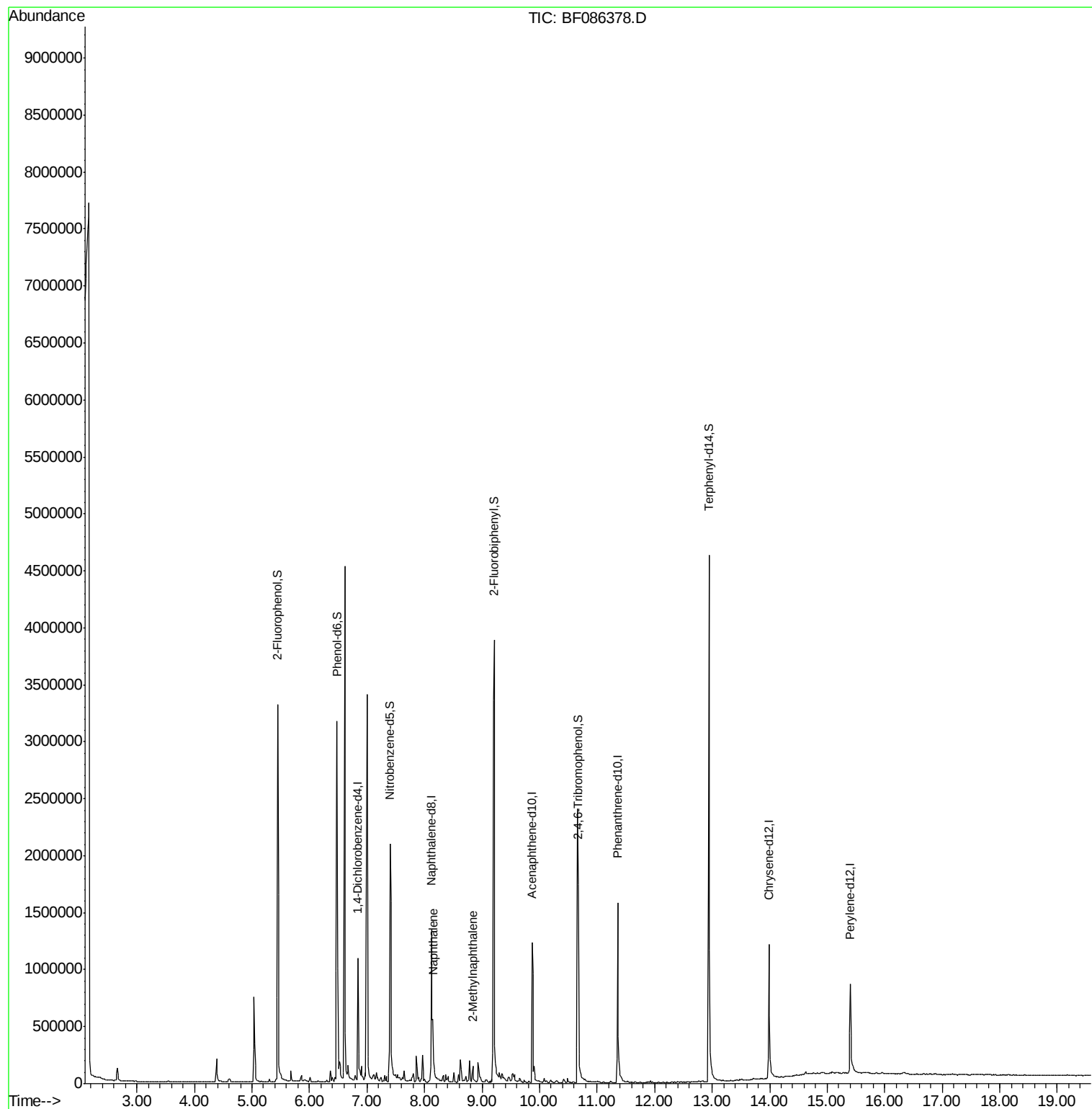
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	188840	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	779468	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	363235	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	733970	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	570804	20.00	ng	-0.01
86) Perylene-d12	15.40	264	444411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1277740	116.85	ng	0.02
7) Phenol-d6	6.48	99	1534246	103.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	1137610	86.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	459753	139.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2012392	94.54	ng	0.00
78) Terphenyl-d14	12.95	244	1791360	77.97	ng	0.00
Target Compounds						
31) Naphthalene	8.14	128	224387	5.65	ng	99
37) 2-Methylnaphthalene	8.84	142	69011	3.01	ng	98

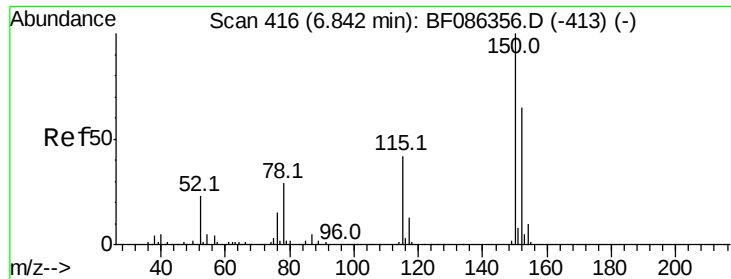
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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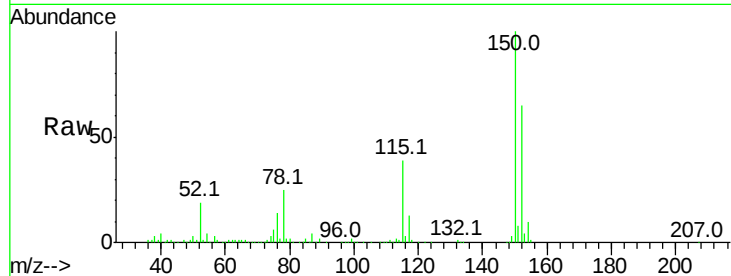


#1

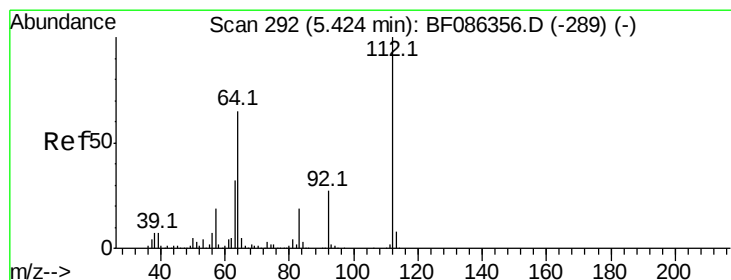
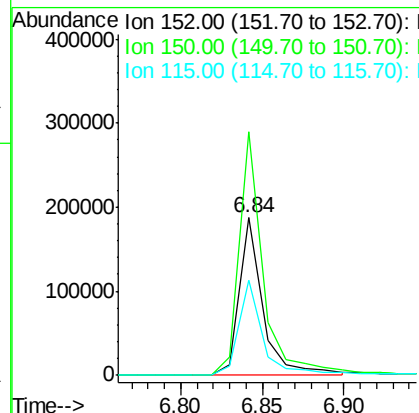
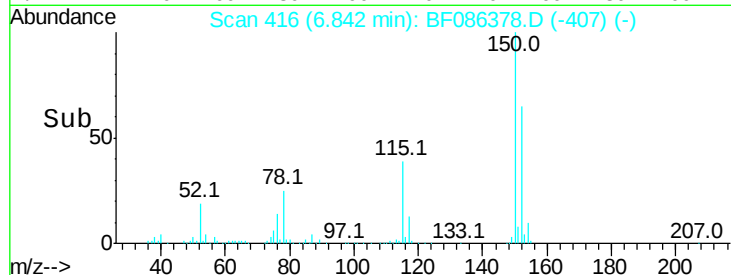
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Instrument :
BNA_F
ClientSampleId :
WC-W

Tot Ion:152 Resp: 188840
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 60.6 51.5 77.3



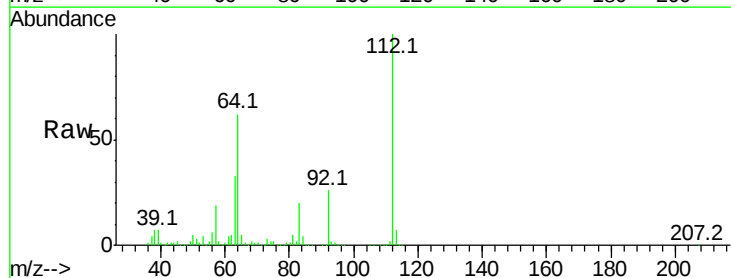
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



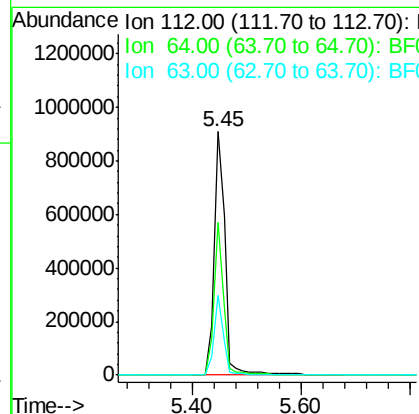
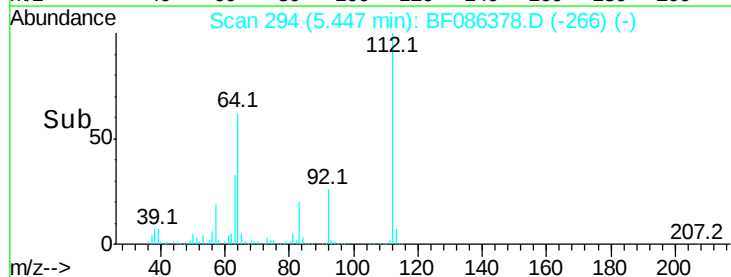
#5

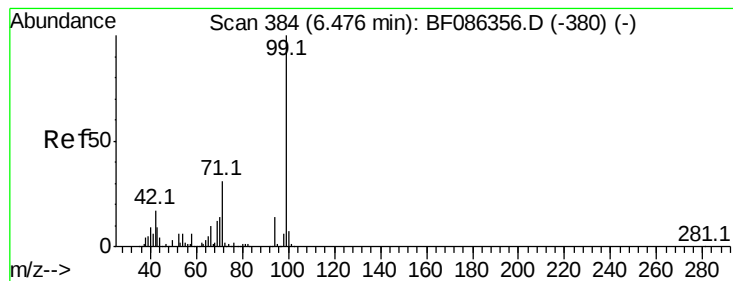
2-Fluorophenol
Concen: 116.85 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Tgt Ion:112 Resp: 1277740
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 32.8 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: 103.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Instrument :

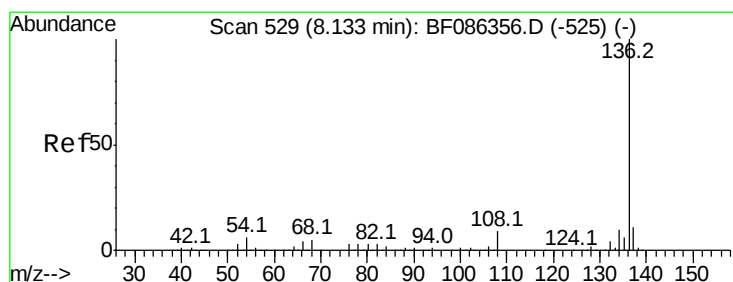
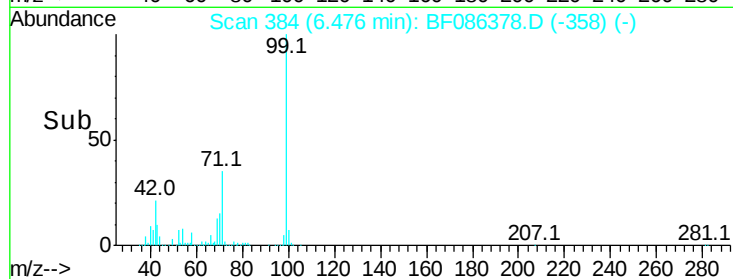
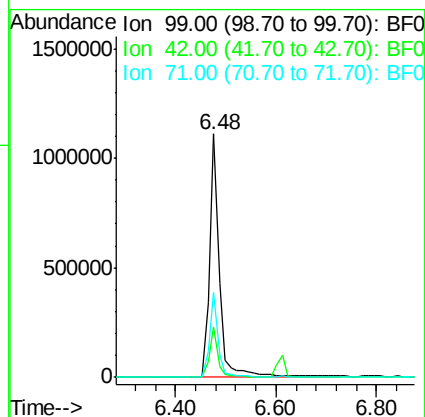
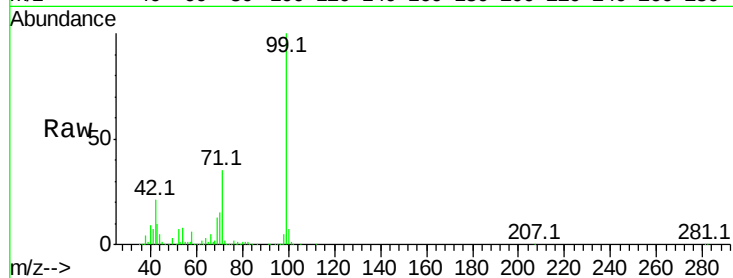
BNA_F

ClientSampled :

WC-W

Tot Ion: 99 Resp: 1534246

Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.6	20.4#
71	34.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

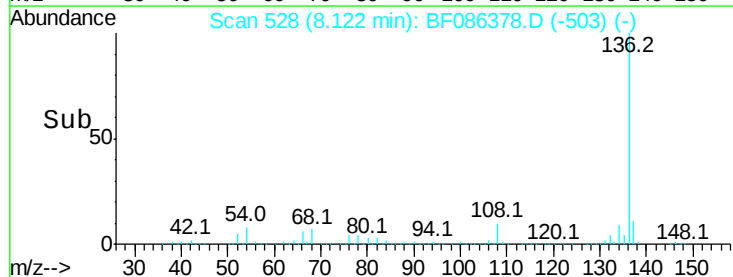
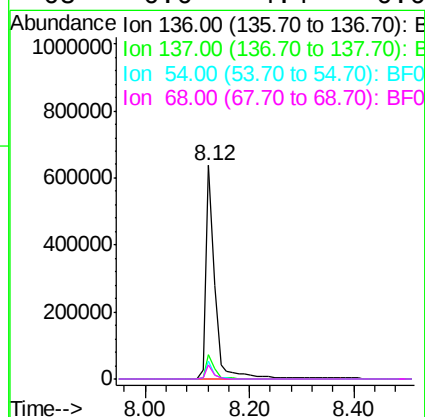
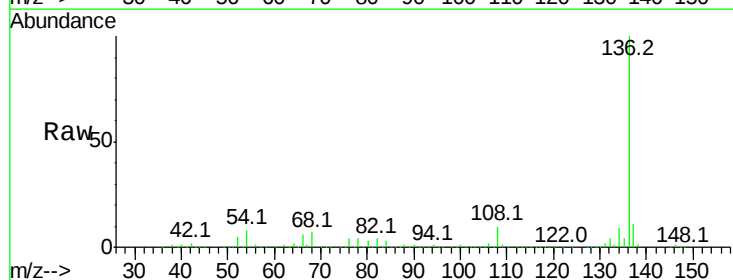
Delta R.T. -0.01 min

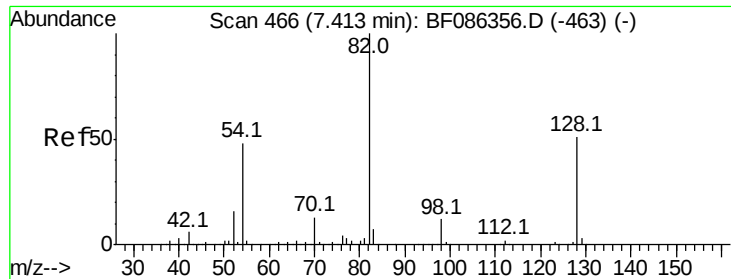
Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Tgt Ion: 136 Resp: 779468

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.3	5.0	7.4#
68	6.6	4.4	6.6



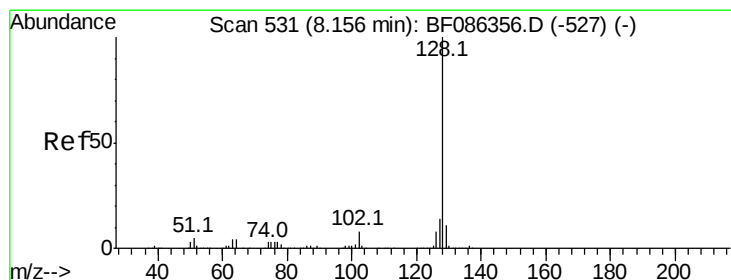
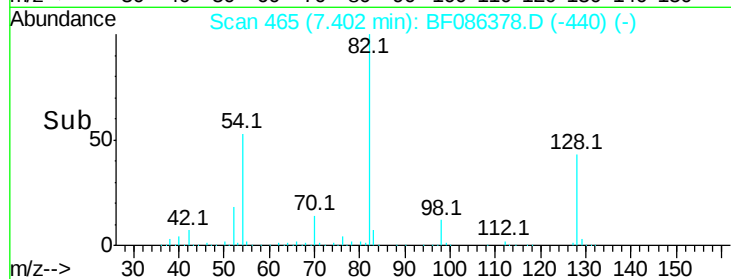
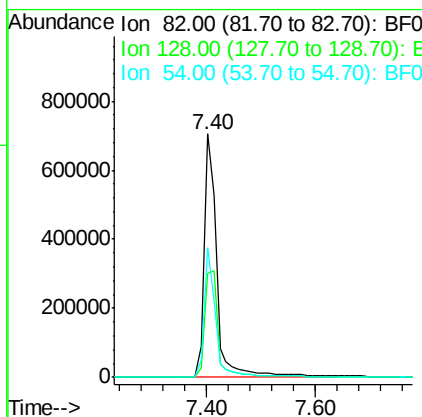
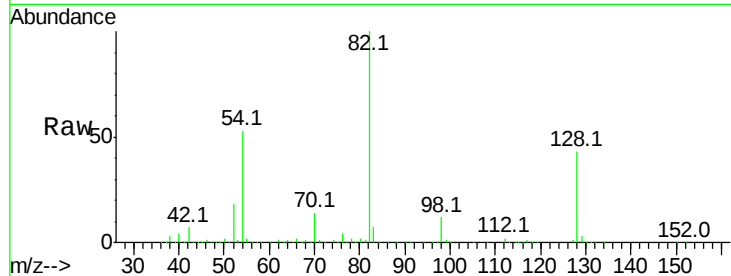


#23
 Nitrobenzene-d5
 Concen: 86.46 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Instrument :
 BNA_F
 ClientSampleID :
 WC-W

Tot Ion: 82 Resp: 1137610

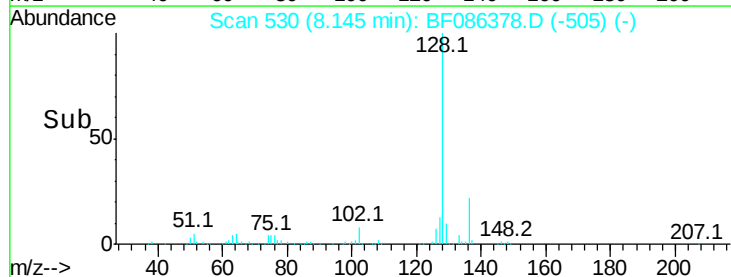
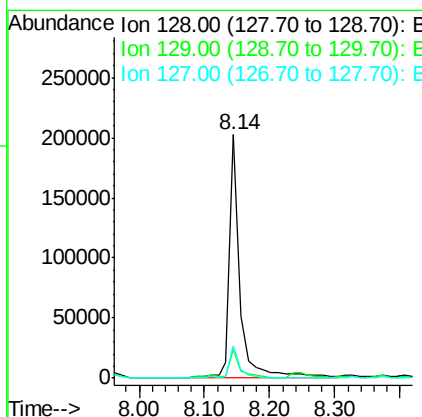
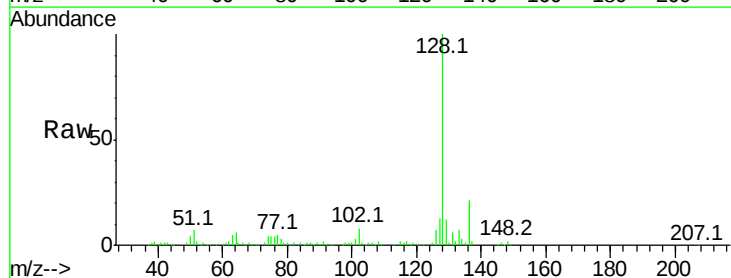
Ion	Ratio	Lower	Upper
82	100		
128	42.9	40.6	61.0
54	53.4	38.1	57.1

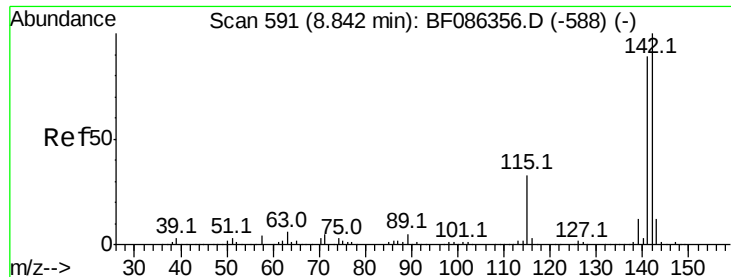


#31
 Naphthalene
 Concen: 5.65 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion: 128 Resp: 224387

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.4	10.8	16.2

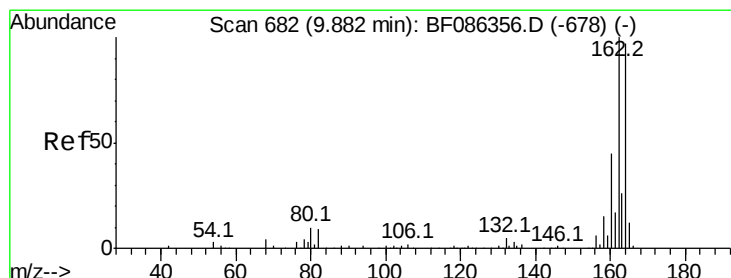
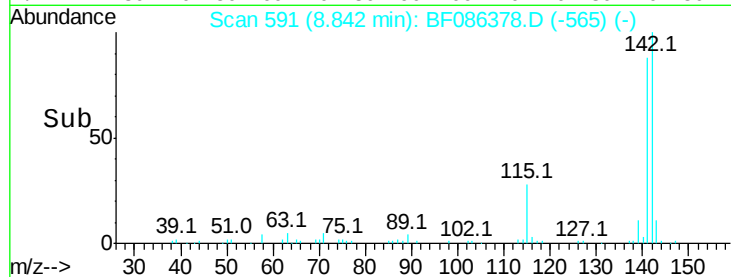
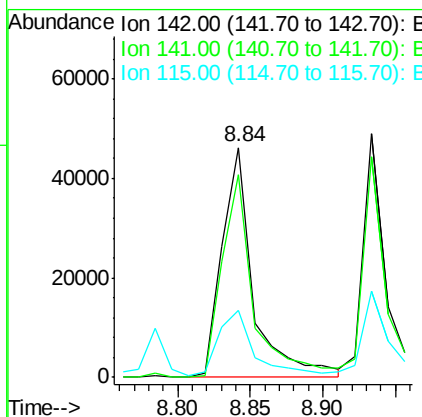
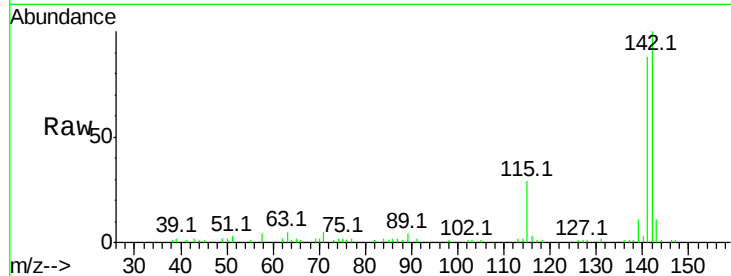




#37
 2-Methylnaphthalene
 Concen: 3.01 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

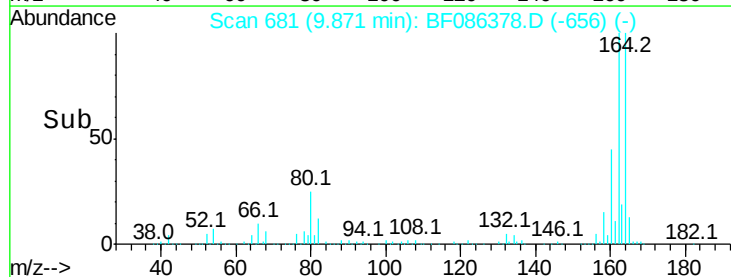
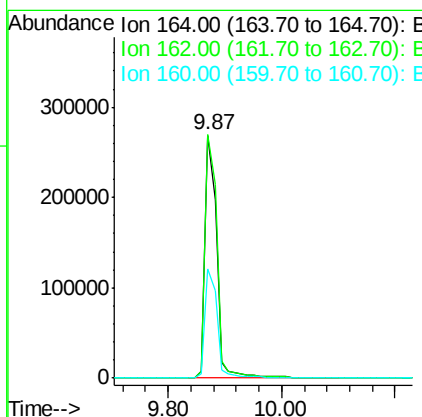
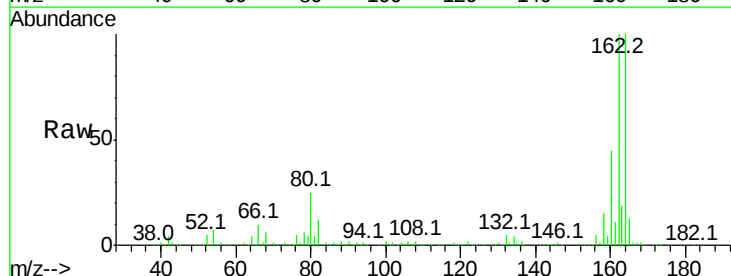
Instrument :
 BNA_F
 ClientSampleId :
 WC-W

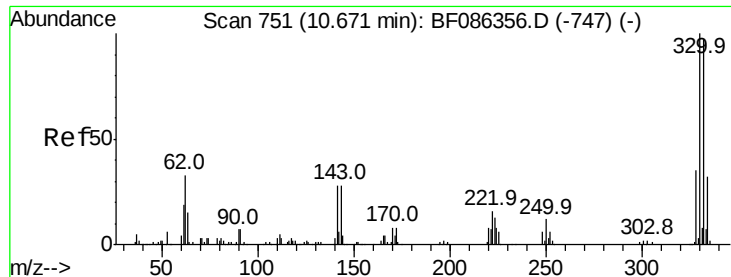
Tot Ion:142 Resp: 69011
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.6
 115 28.9 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion:164 Resp: 363235
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.8 124.2
 160 45.1 36.9 55.3

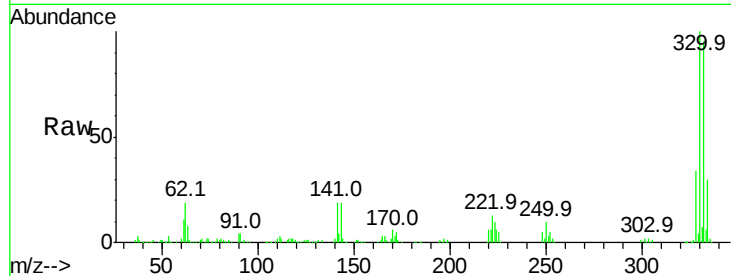




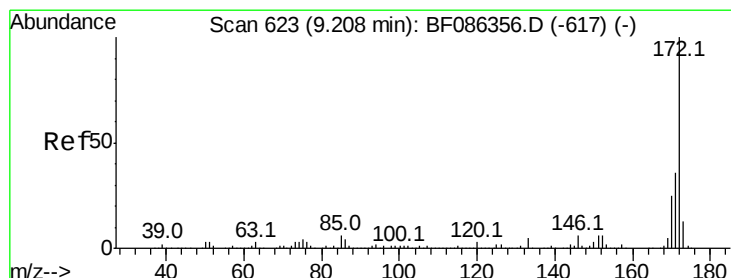
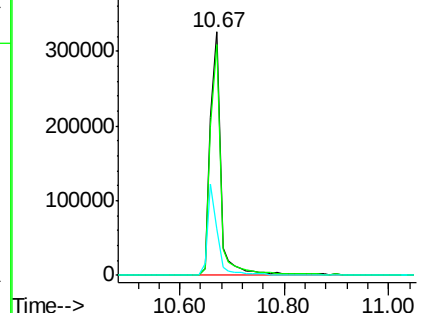
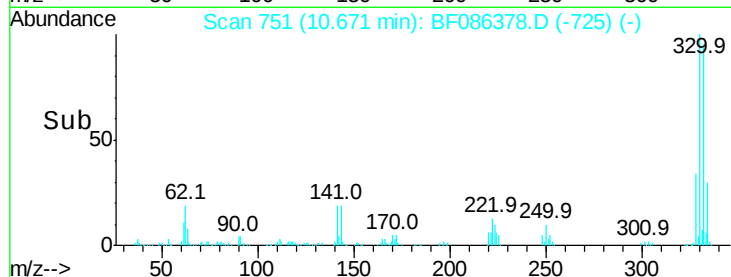
#41
 2,4,6-Tribromophenol
 Concen: 139.82 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	79.0	118.4
141	35.8	31.2	46.8

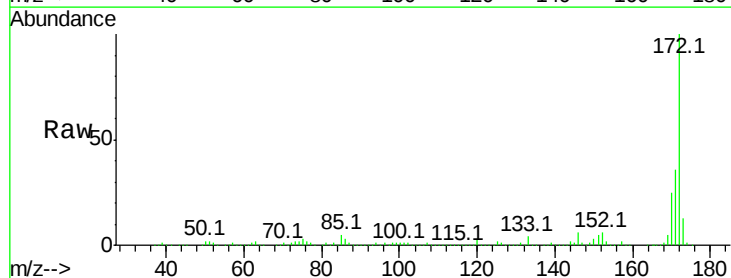


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

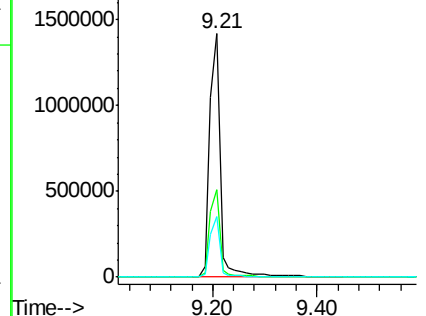
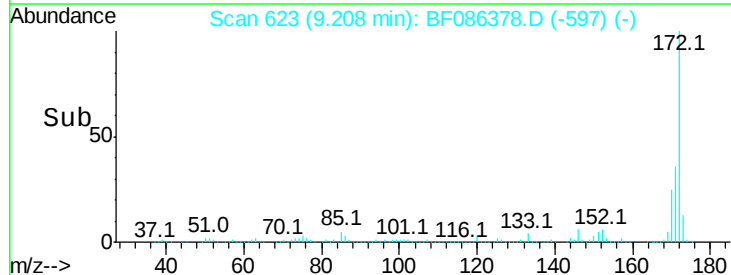


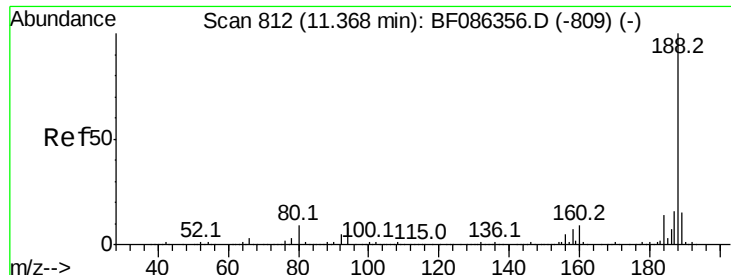
#44
 2-Fluorobiphenyl
 Concen: 94.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	25.0	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

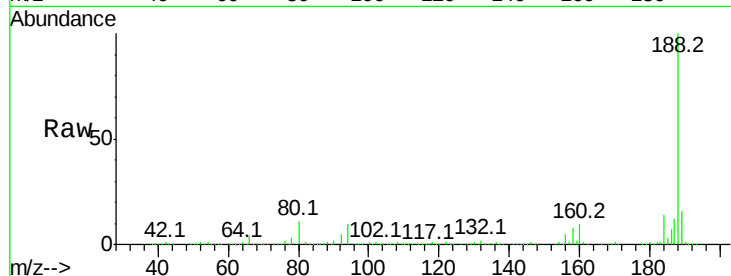




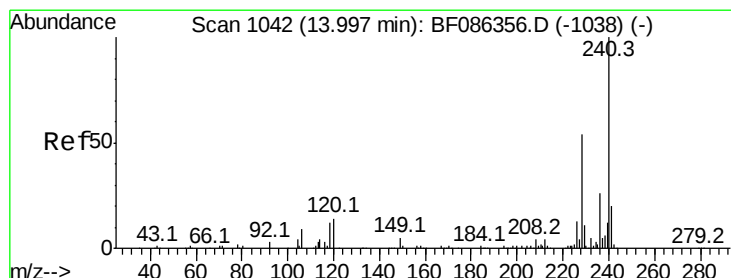
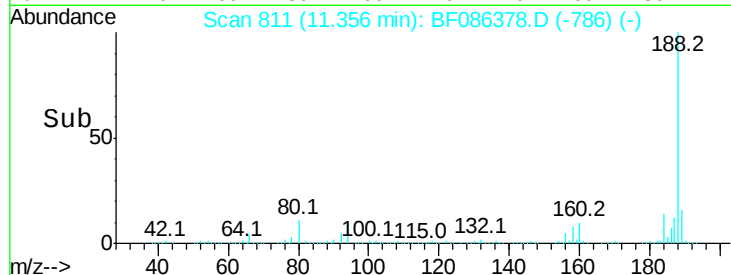
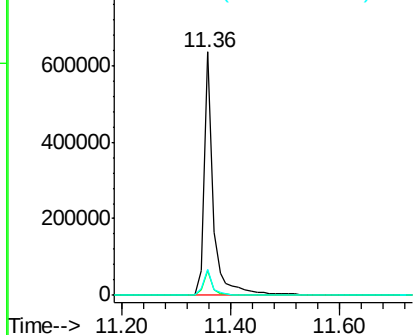
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Instrument :
BNA_F
ClientSampleId :
WC-W

Tot Ion:188 Resp: 733970
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2#
80 10.8 7.1 10.7#

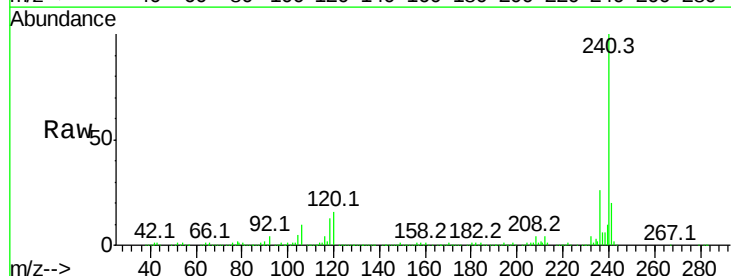


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

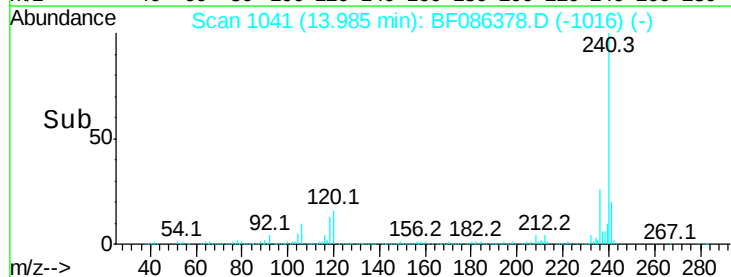
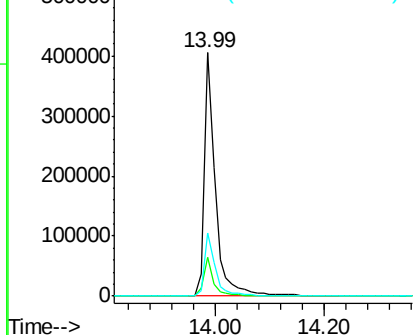


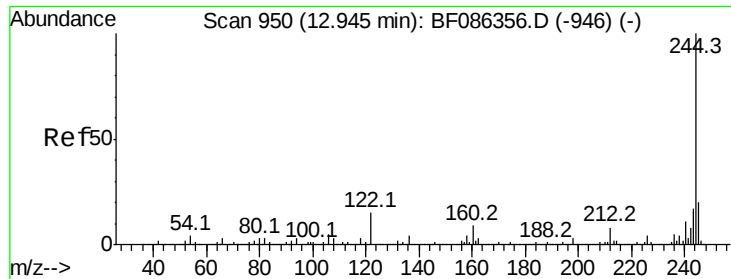
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Tgt Ion:240 Resp: 570804
Ion Ratio Lower Upper
240 100
120 15.8 11.2 16.8
236 25.9 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

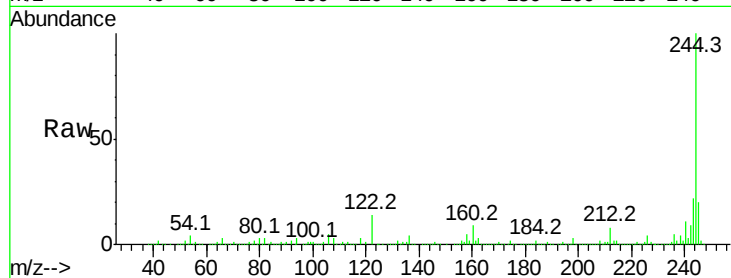




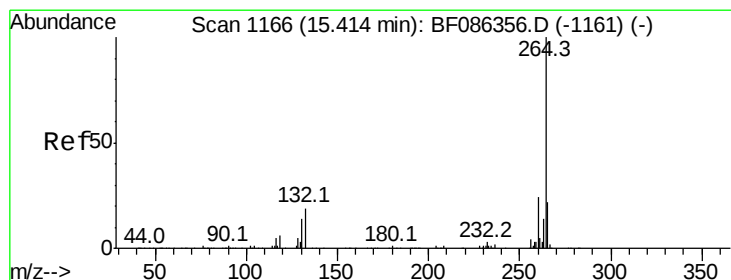
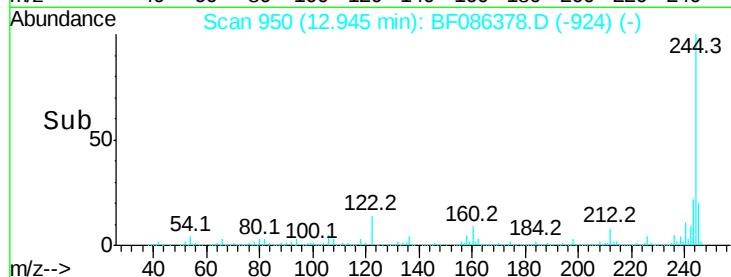
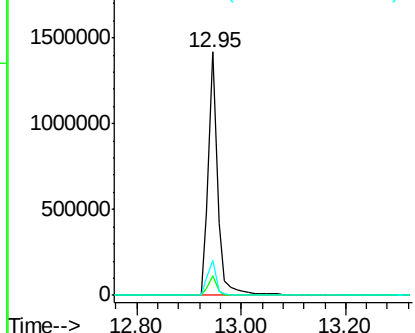
#78
 Terphenyl-d14
 Concen: 77.97 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Tot Ion:244 Resp: 1791360
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.1 12.0 18.0

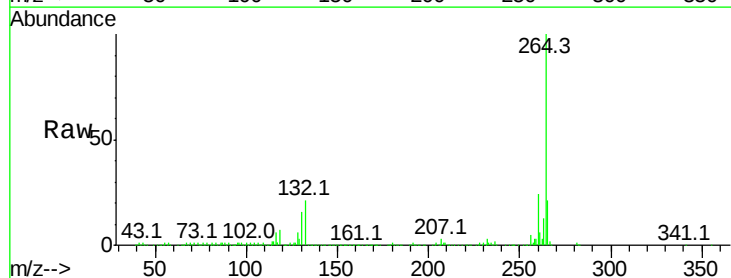


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion:264 Resp: 444411
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.4 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

