

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090950.D
 Acq On : 1 Nov 2016 14:59
 Operator : UM/SJ
 Sample : H5445-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-4-5

Quant Time: Nov 02 01:18:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

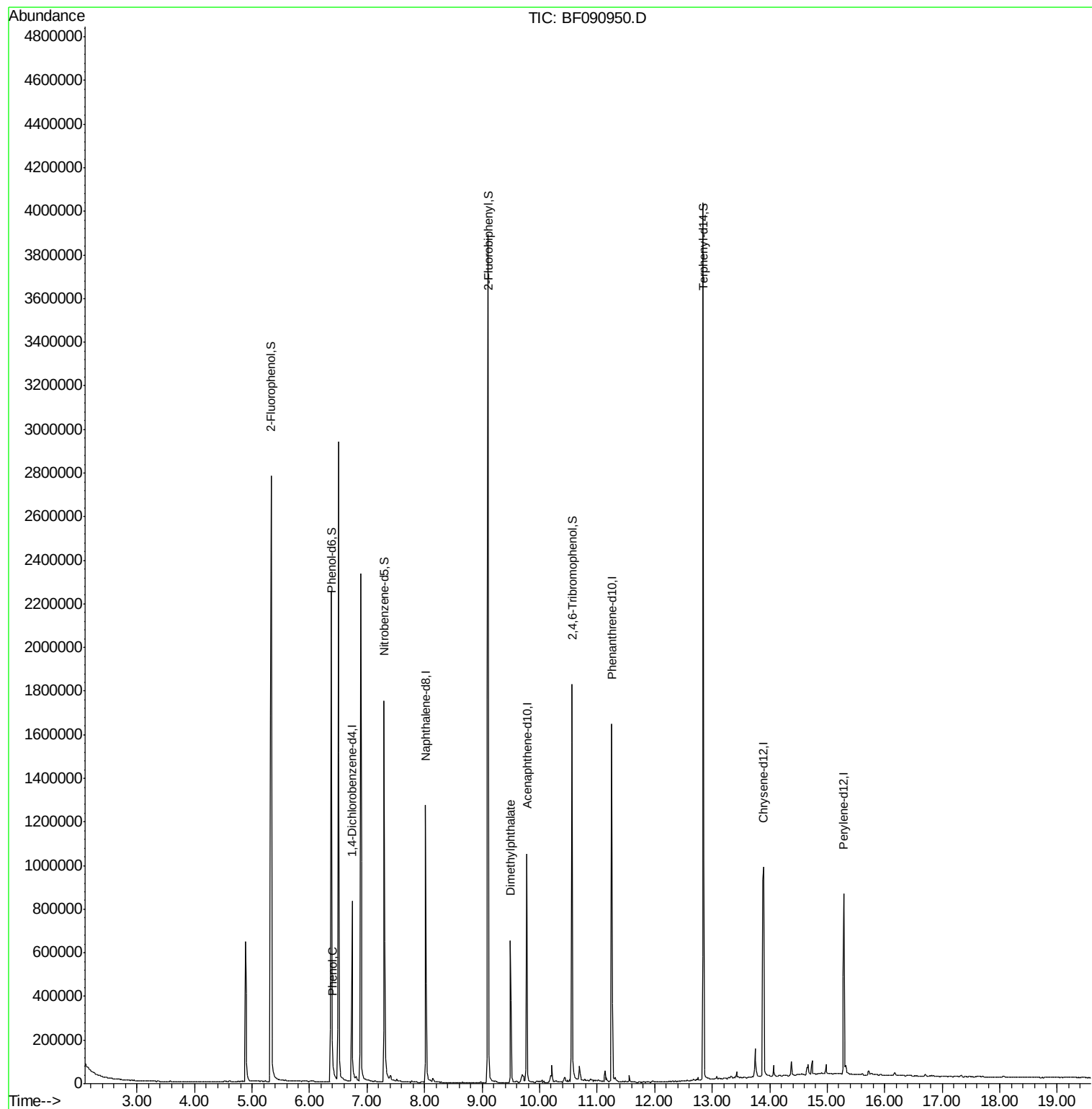
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151719	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	641091	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	340982	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	573471	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	475503	20.00	ng	-0.01
86) Perylene-d12	15.29	264	355916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	966843	111.42	ng	0.00
7) Phenol-d6	6.38	99	1255006	107.20	ng	-0.01
23) Nitrobenzene-d5	7.30	82	745194	76.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	333409	95.15	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1375033	70.81	ng	-0.01
78) Terphenyl-d14	12.84	244	1278263	67.73	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	31629	2.45	ng	# 66
49) Dimethylphthalate	9.49	163	321792	14.13	ng	# 97

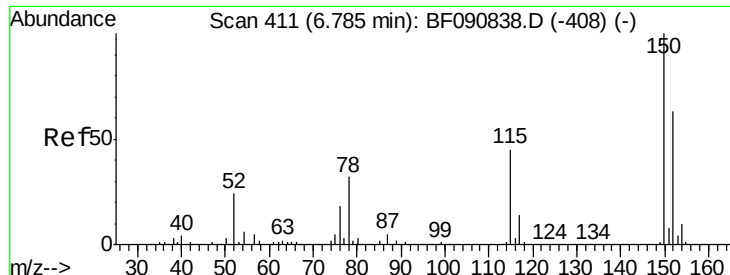
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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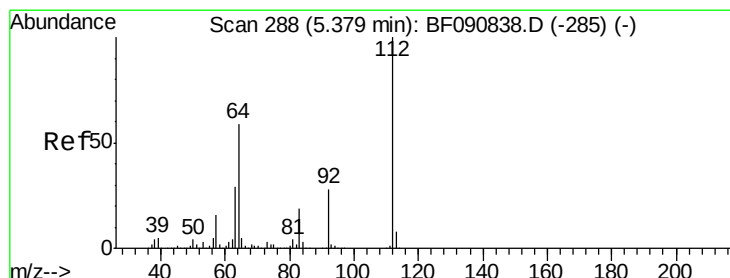
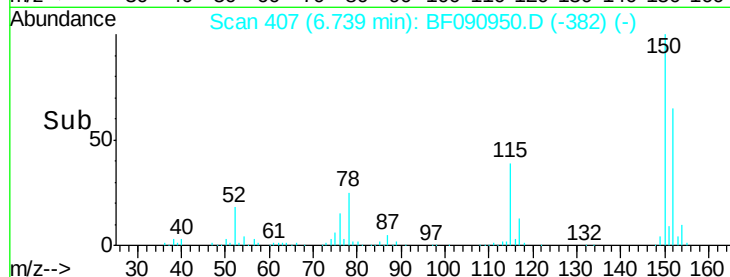
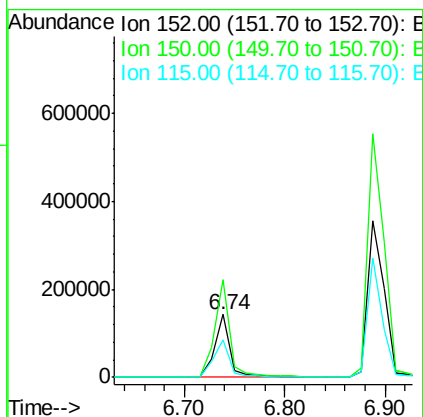
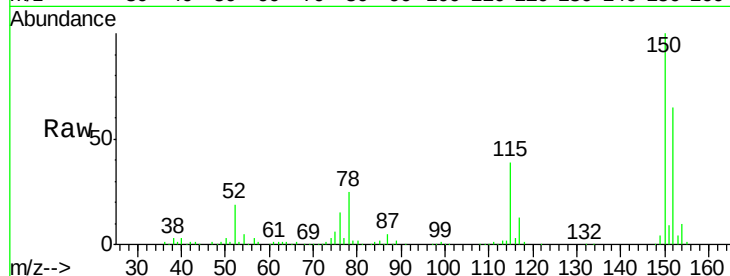


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

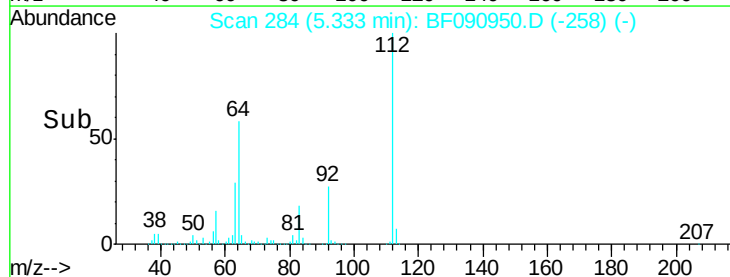
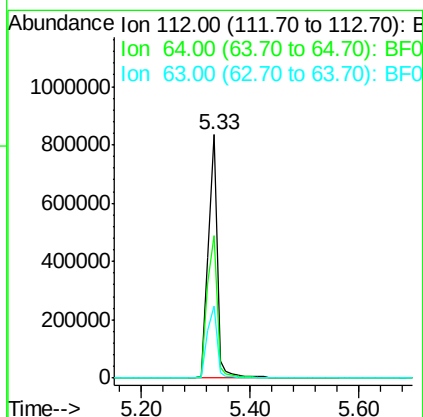
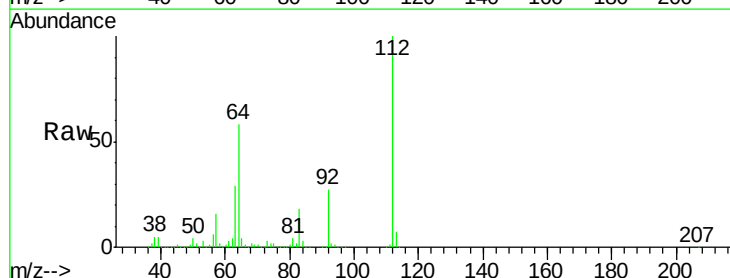
Tot Ion:152 Resp: 151719
Ion Ratio Lower Upper
152 100
150 154.5 124.7 187.1
115 59.7 39.0 58.4#

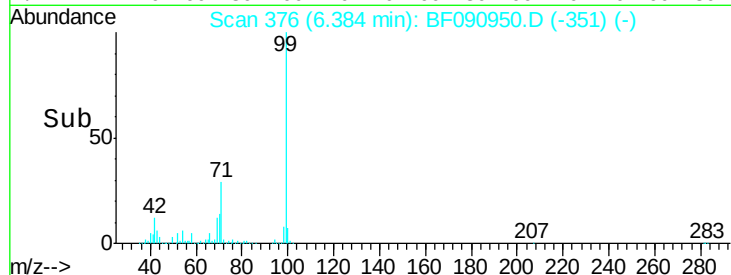
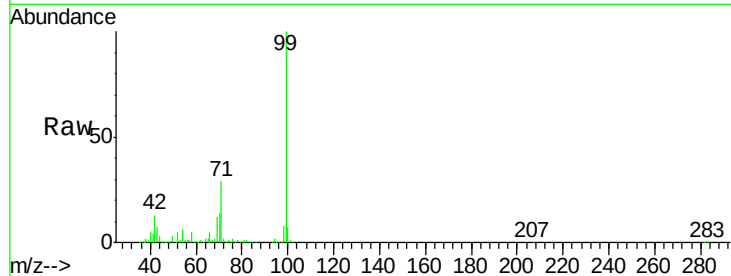
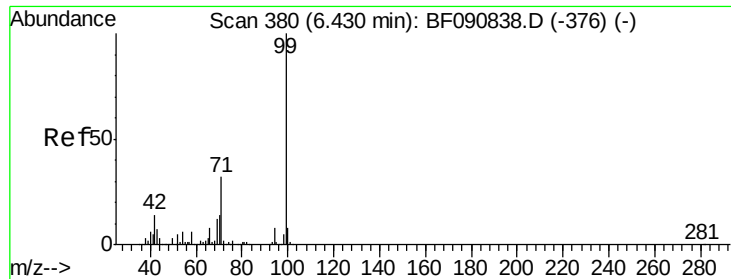


#5

2-Fluorophenol
Concen: 111.42 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Tgt Ion:112 Resp: 966843
Ion Ratio Lower Upper
112 100
64 58.4 39.7 59.5
63 29.4 17.4 26.0#





#7

Phenol-d6

Concen: 107.20 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

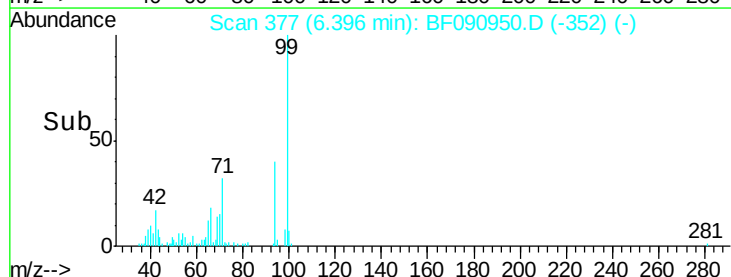
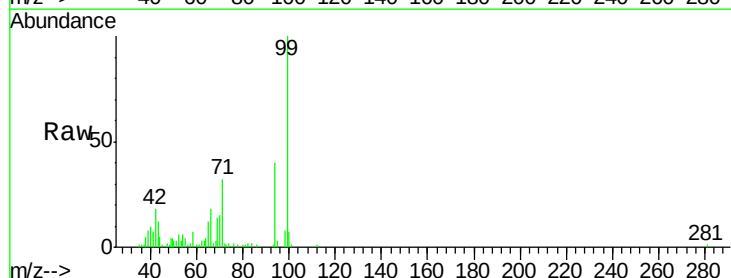
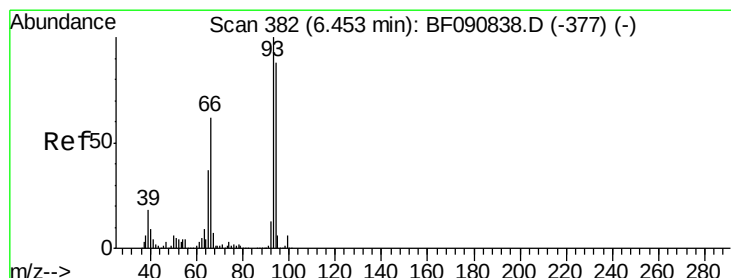
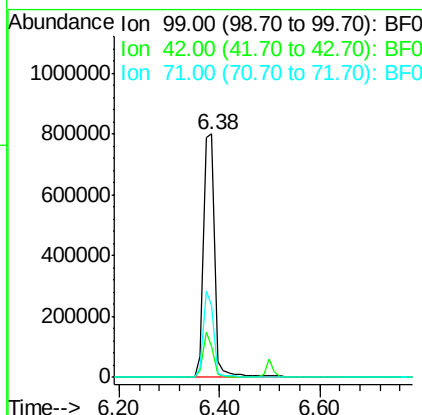
BNA_F

ClientSampleId :

SB-5-4-5

Tot Ion: 99 Resp: 1255006

Ion	Ratio	Lower	Upper
99	100		
42	12.5	13.7	20.5#
71	29.5	14.2	21.2#



#10

Phenol

Concen: 2.45 ng

RT: 6.40 min Scan# 377

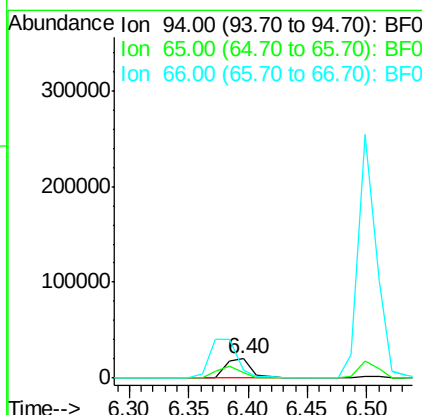
Delta R.T. -0.01 min

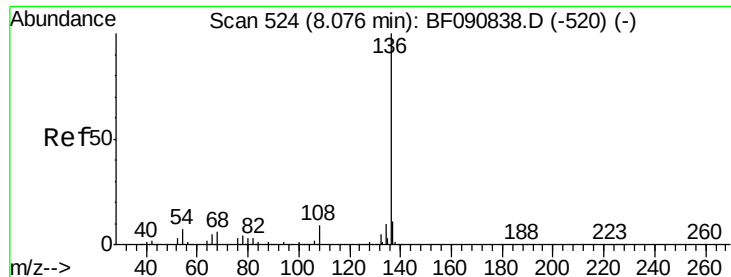
Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Tgt Ion: 94 Resp: 31629

Ion	Ratio	Lower	Upper
94	100		
65	29.0	0.7	40.7
66	44.5	0.8	40.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

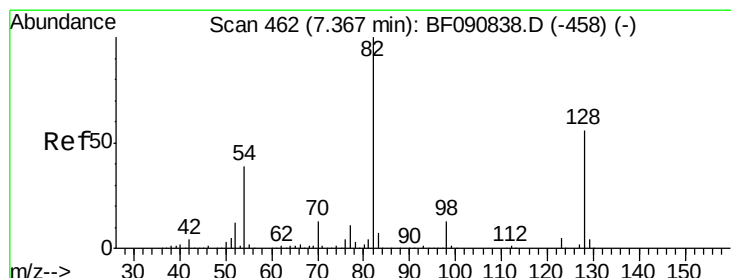
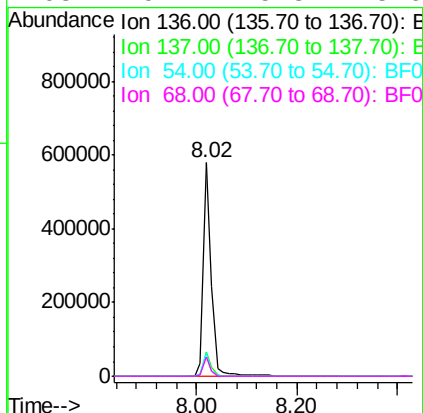
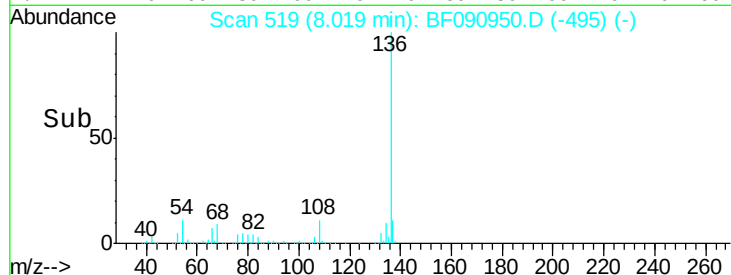
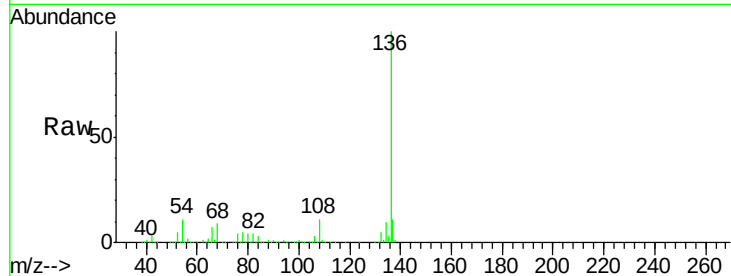
Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

Tot Ion:136	Resp: 641091
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 11.0	8.2 12.2
68 9.2	5.8 8.6#



#23

Nitrobenzene-d5

Concen: 76.09 ng

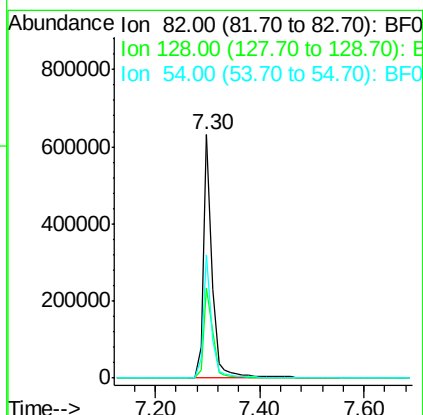
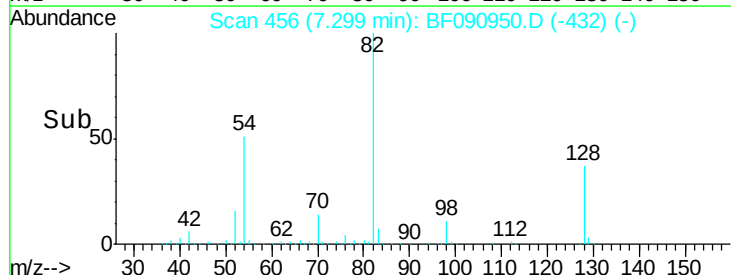
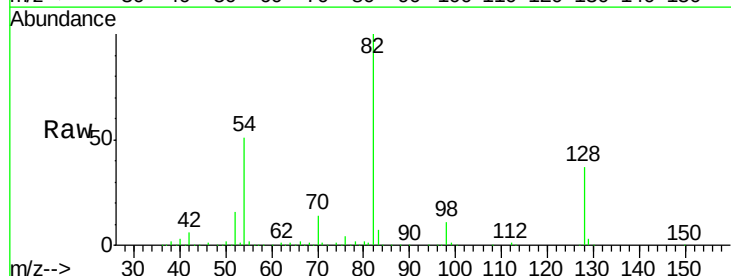
RT: 7.30 min Scan# 456

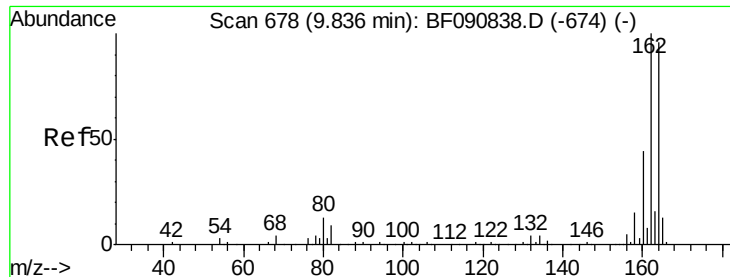
Delta R.T. -0.02 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Tgt Ion: 82	Resp: 745194
Ion Ratio	Lower Upper
82 100	
128 36.8	51.0 76.6#
54 50.8	47.5 71.3

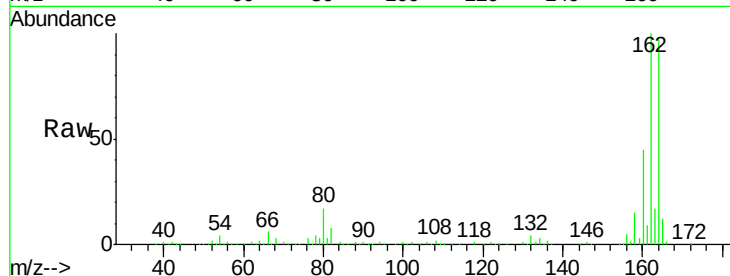




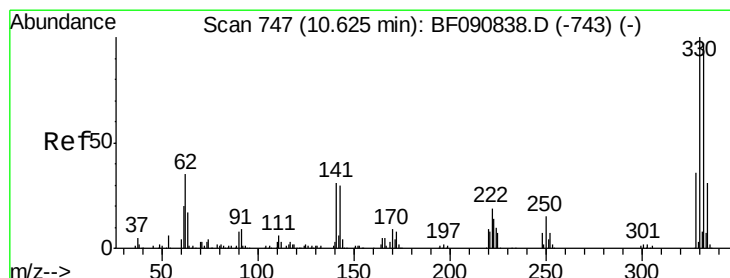
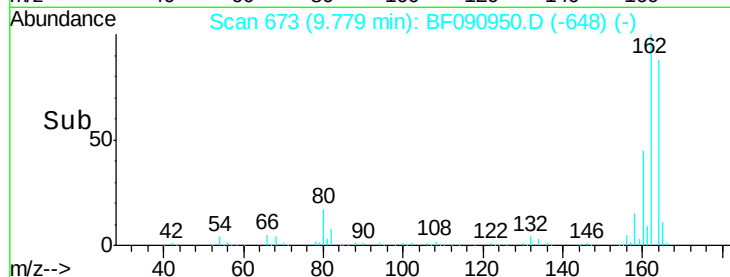
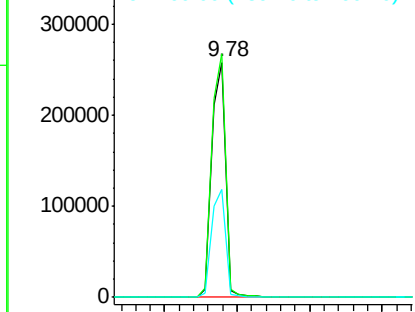
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

Tot Ion:164 Resp: 340982
Ion Ratio Lower Upper
164 100
162 103.5 75.2 112.8
160 46.1 31.5 47.3

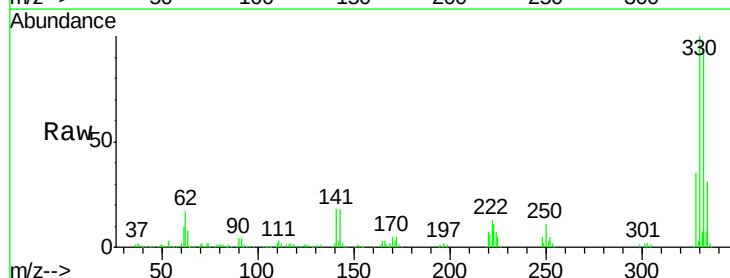


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

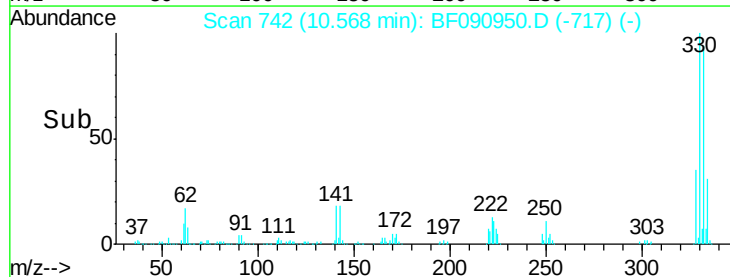
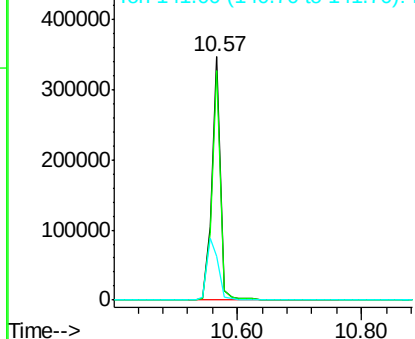


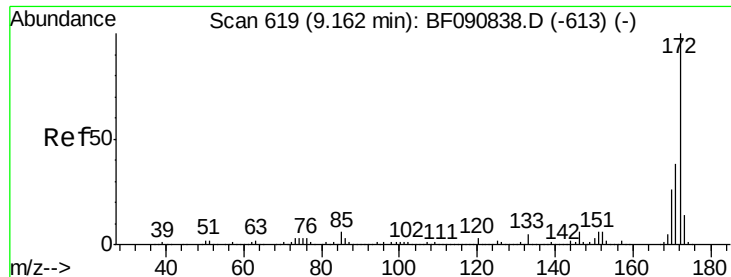
#41
2,4,6-Tribromophenol
Concen: 95.15 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Tgt Ion:330 Resp: 333409
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 34.3 29.7 44.5



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

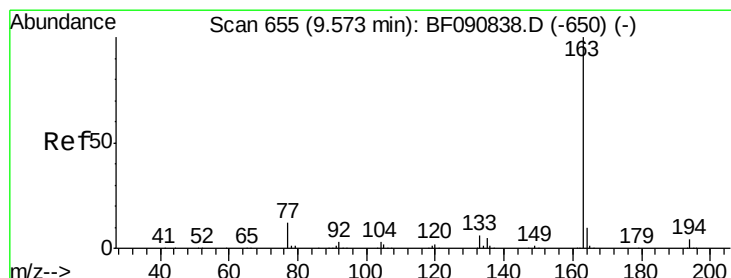
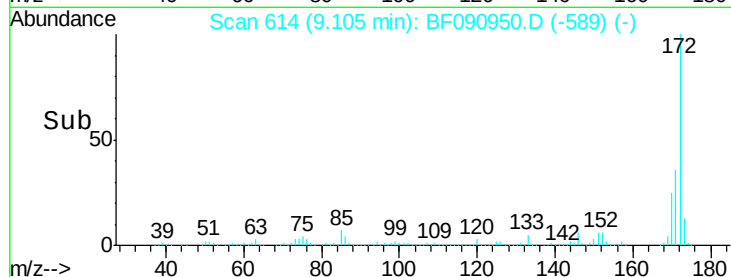
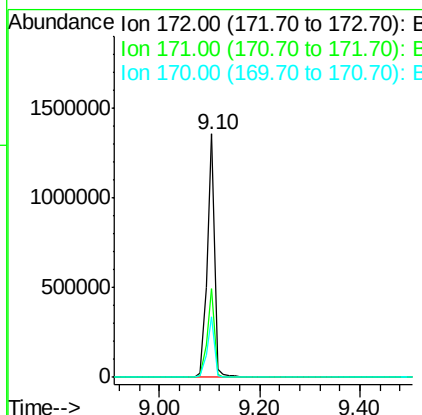
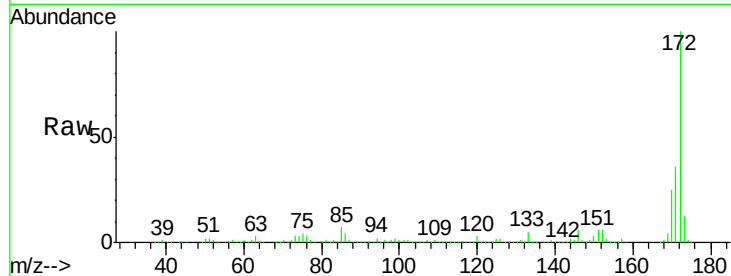




#44
2-Fluorobiphenyl
Concen: 70.81 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

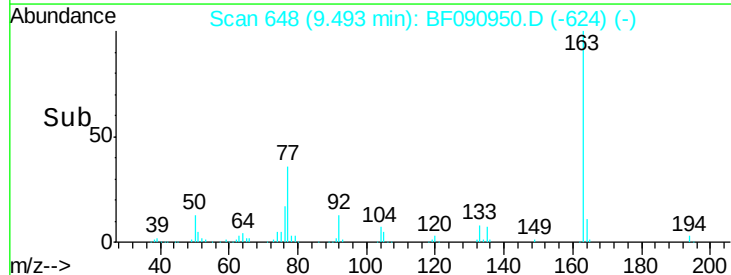
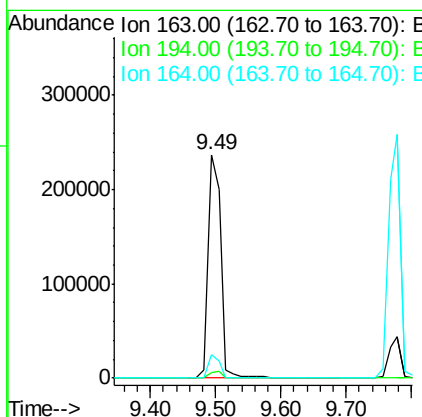
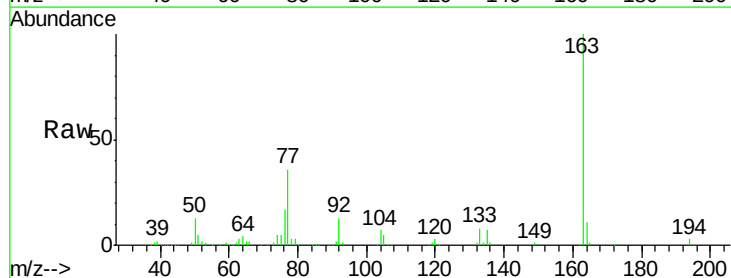
Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

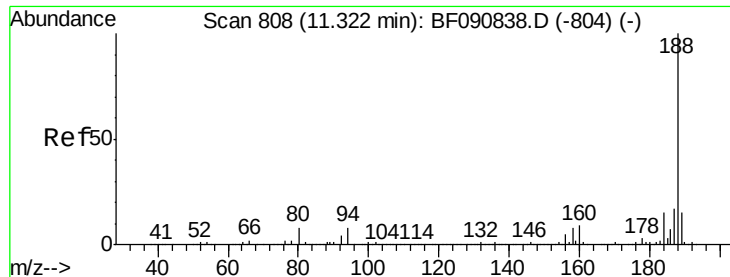
Tot Ion:172 Resp: 1375033
Ion Ratio Lower Upper
172 100
171 36.3 26.1 39.1
170 24.8 17.4 26.2



#49
Dimethylphthalate
Concen: 14.13 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Tgt Ion:163 Resp: 321792
Ion Ratio Lower Upper
163 100
194 2.6 4.4 6.6#
164 10.7 8.3 12.5

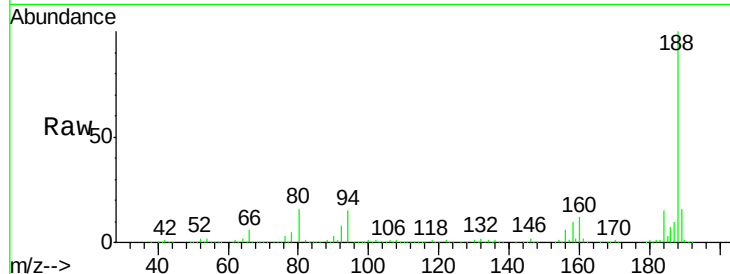




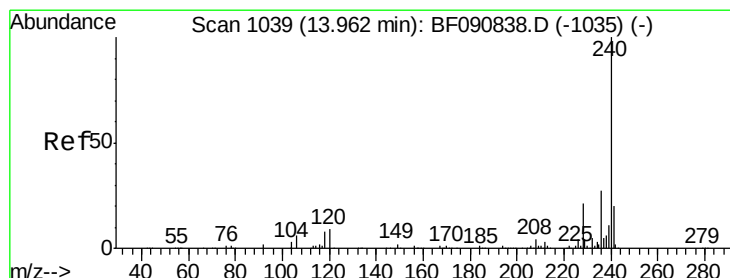
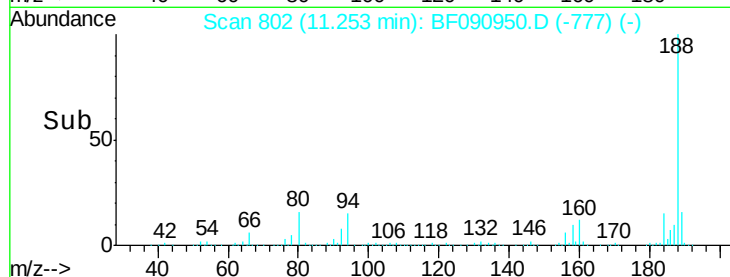
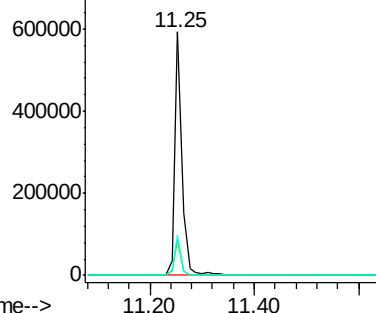
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

Tot Ion:188 Resp: 573471
Ion Ratio Lower Upper
188 100
94 14.6 11.1 16.7
80 16.5 11.0 16.4#

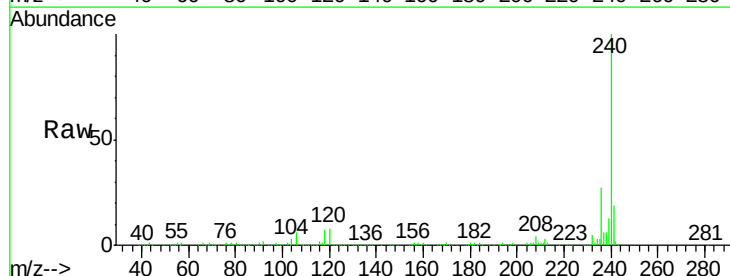


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

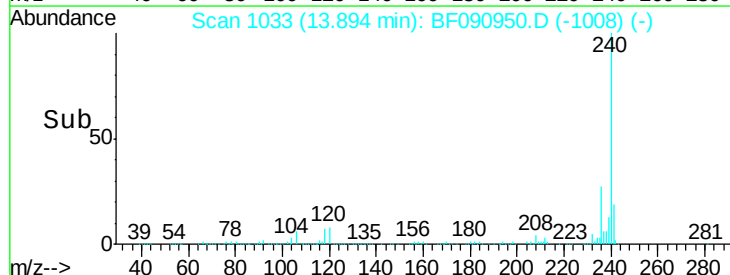
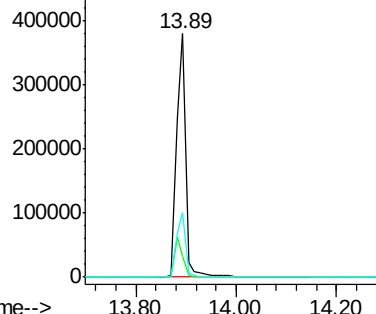


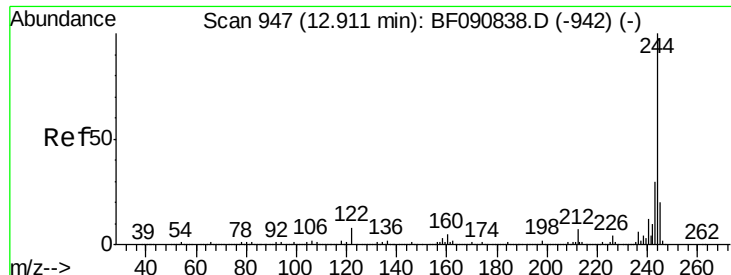
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Tgt Ion:240 Resp: 475503
Ion Ratio Lower Upper
240 100
120 8.4 16.2 24.2#
236 26.6 18.4 27.6



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: 67.73 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

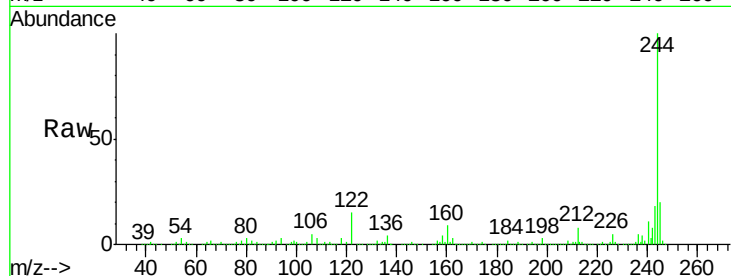
Tot Ion:244 Resp: 1278263

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

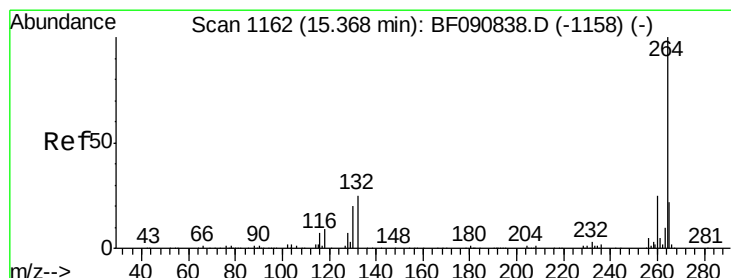
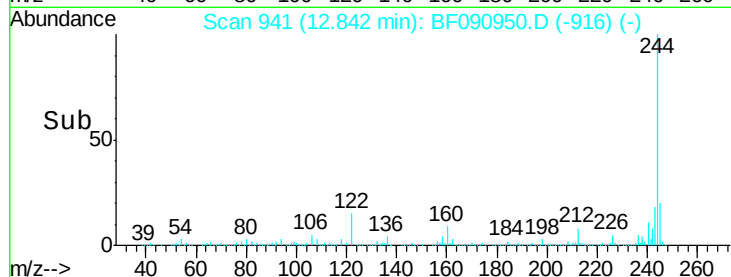
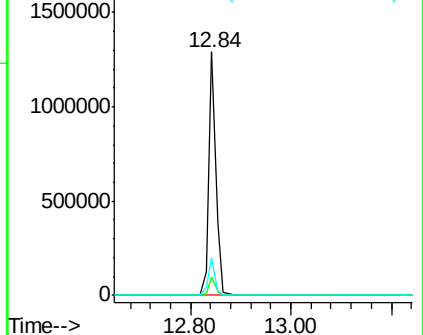
122 15.3 17.4 26.2#



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

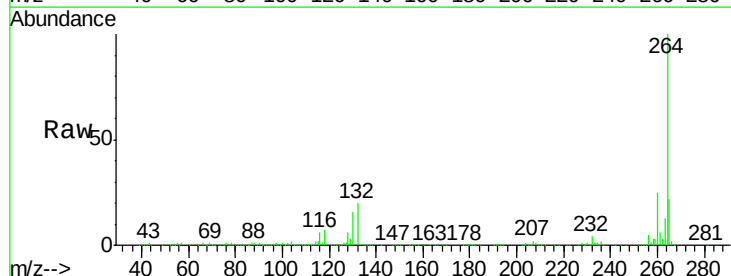
Tgt Ion:264 Resp: 355916

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

265 21.9 17.2 25.8



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

