

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094415.D
 Acq On : 14 Apr 2017 3:36
 Operator : SJ/MA
 Sample : I2672-07 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 04:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

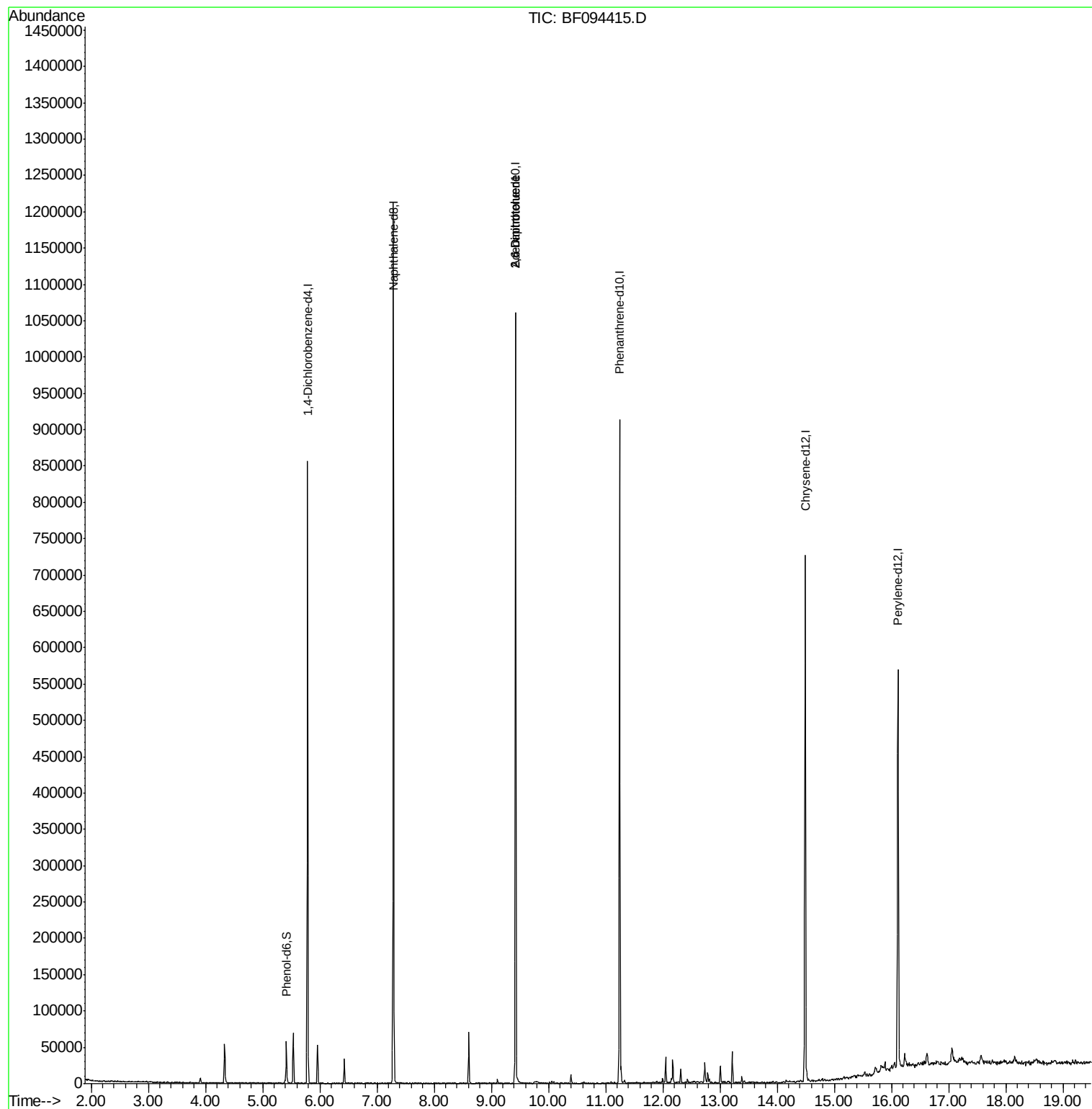
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	146448	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	564084	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	232950	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	357059	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	274098	20.00	ng	-0.06
86) Perylene-d12	16.12	264	216830	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	17108	1.97	ng	-0.04
7) Phenol-d6	5.41	99	22076	2.06	ng	-0.05
23) Nitrobenzene-d5	6.43	82	11845	1.20	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	2137	1.16	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	25321	1.66	ng	-0.05
78) Terphenyl-d14	13.22	244	15204	1.24	ng	-0.06
Target Compounds						
50) 2,6-Dinitrotoluene	9.42	165	29899	7.88	ng	# 31
56) 2,4-Dinitrotoluene	9.42	165	29900	6.27	ng	# 31

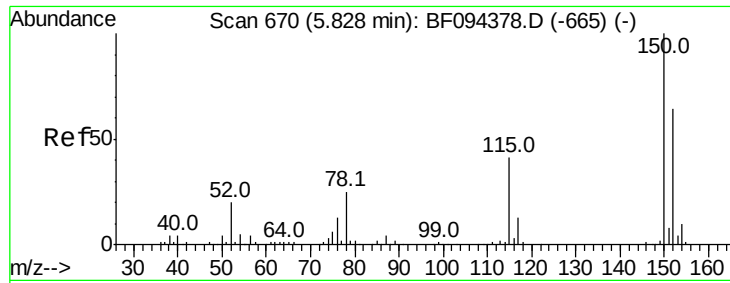
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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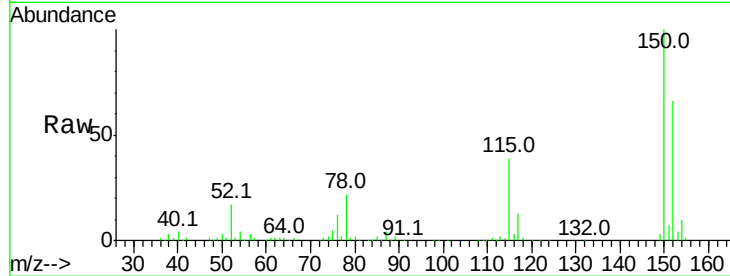


#1

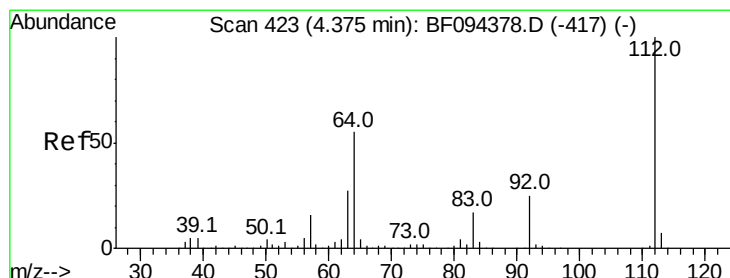
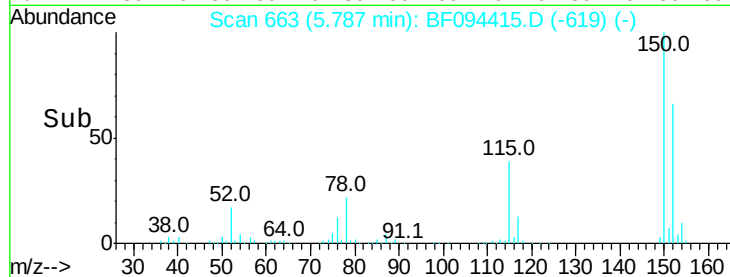
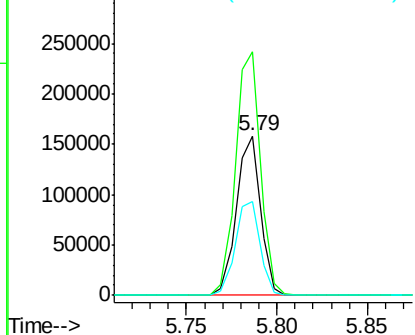
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146448
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 59.0 52.2 78.2



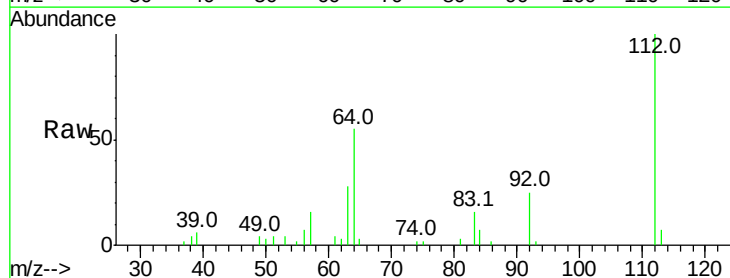
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



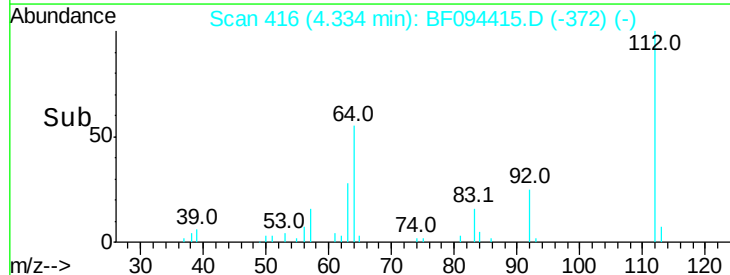
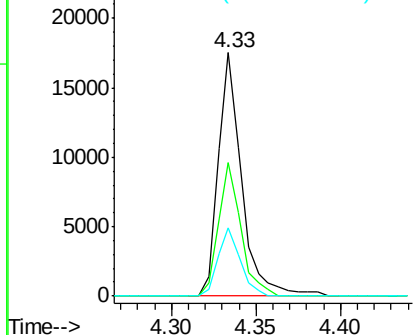
#5

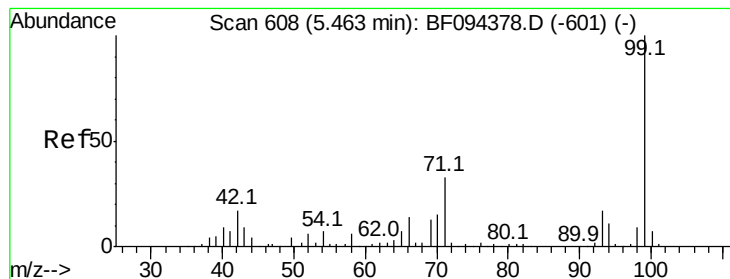
2-Fluorophenol
Concen: 1.97 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:112 Resp: 17108
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 28.0 23.4 35.0



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: 2.06 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampled :

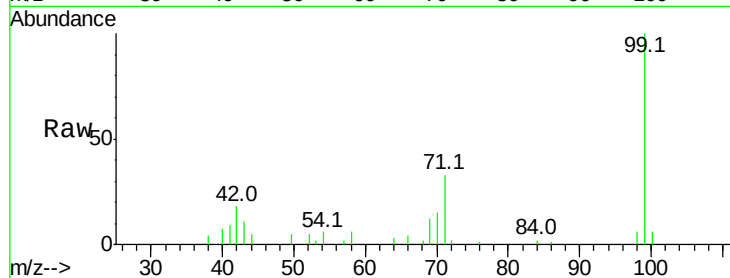
Tot Ion: 99 Resp: 22076

Ion Ratio Lower Upper

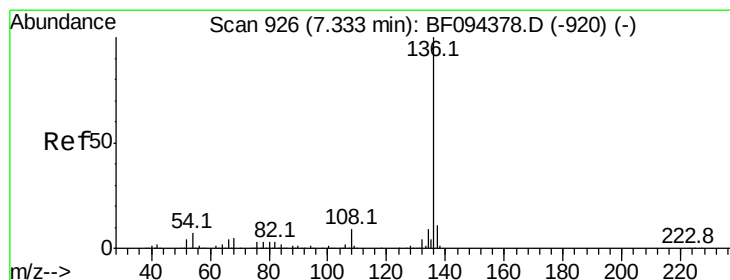
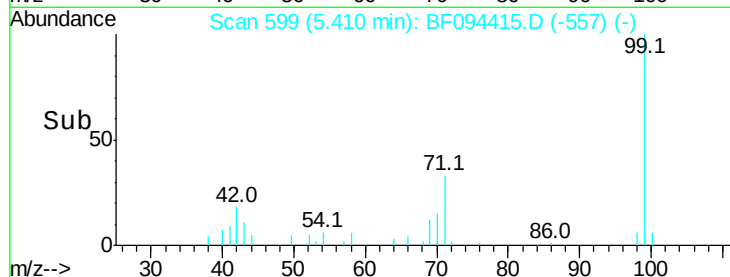
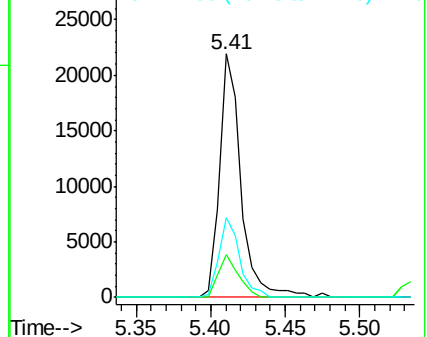
99 100

42 17.7 13.5 20.3

71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Tgt Ion: 136 Resp: 564084

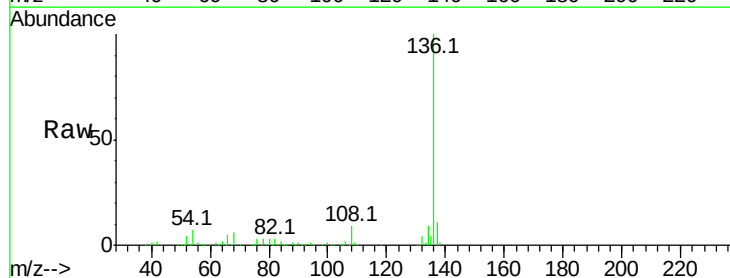
Ion Ratio Lower Upper

136 100

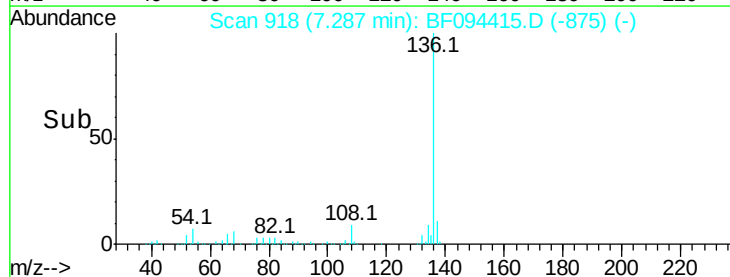
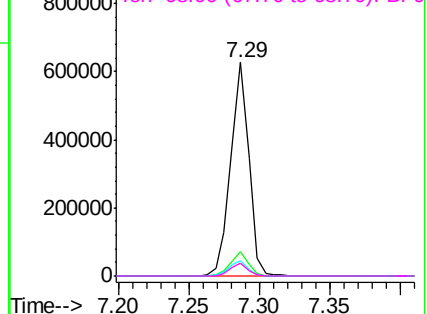
137 11.2 8.5 12.7

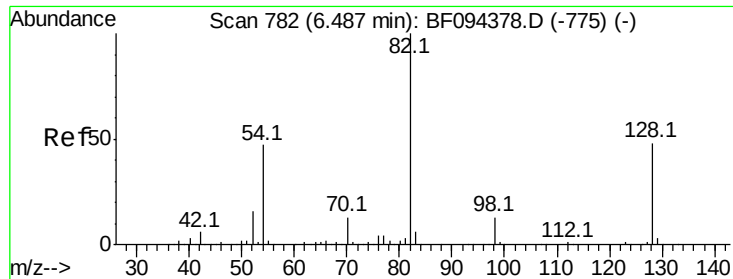
54 6.9 4.9 7.3

68 6.0 4.1 6.1



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

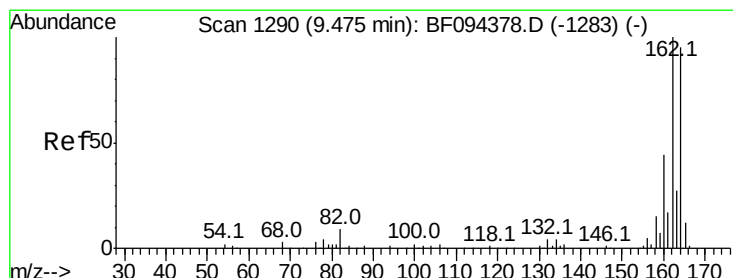
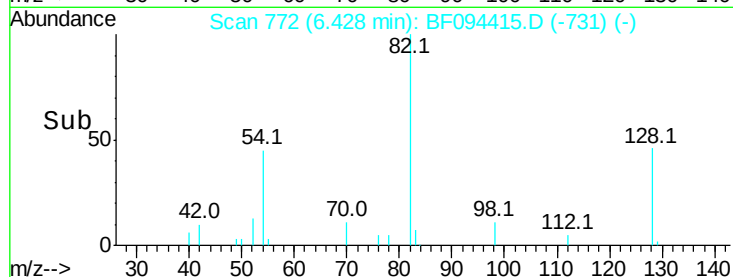
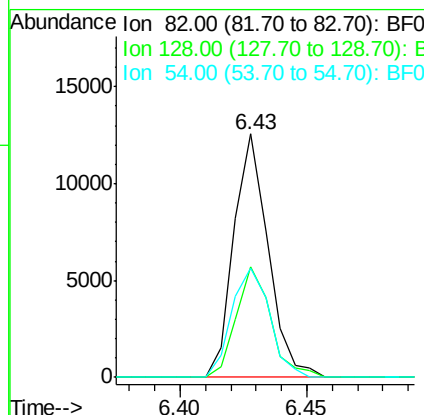
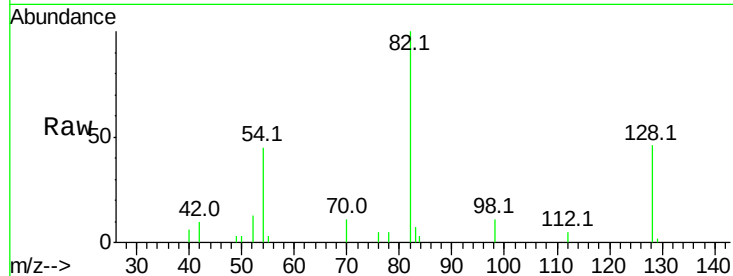




#23
 Nitrobenzene-d5
 Concen: 1.20 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

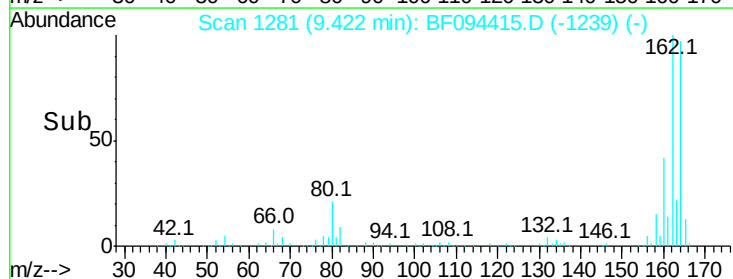
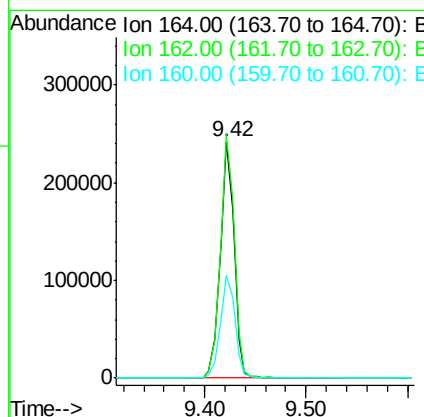
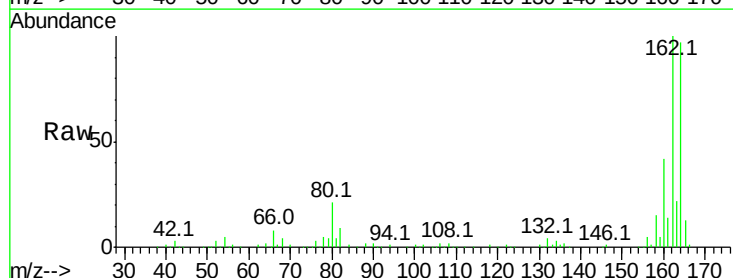
Instrument :
 BNA_F
 ClientSampleId :

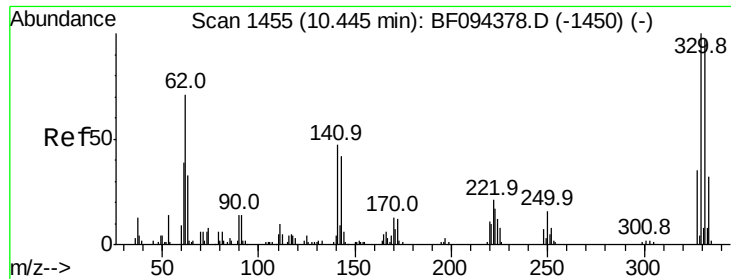
Tot Ion	82	Resp	11845
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	44.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Tgt Ion	164	Resp	232950
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.6	123.8
160	43.7	36.2	54.2

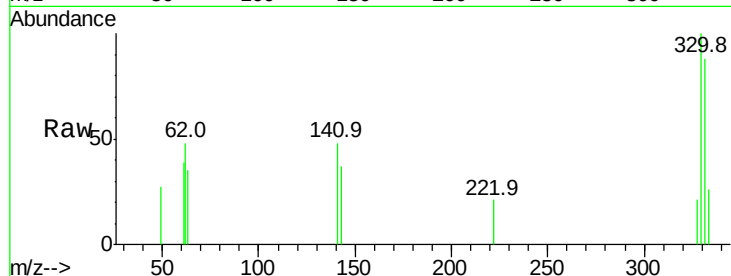




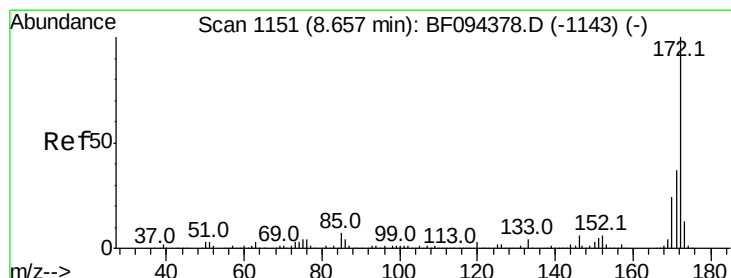
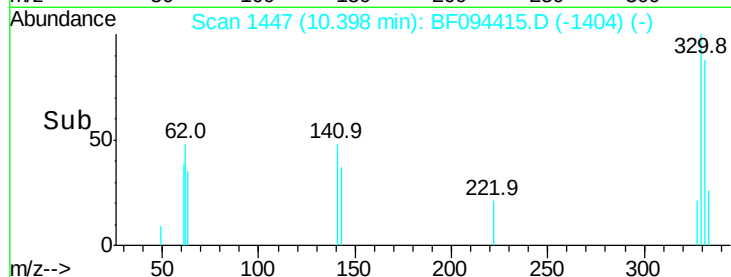
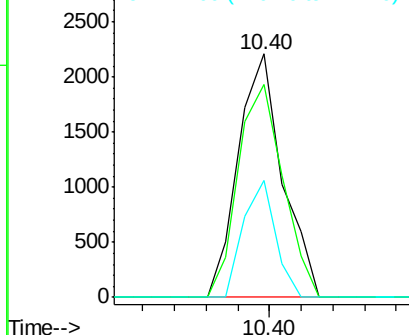
#41
 2,4,6-Tribromophenol
 Concen: 1.16 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2137
 Ion Ratio Lower Upper
 330 100
 332 88.8 76.6 115.0
 141 34.6 31.4 47.2

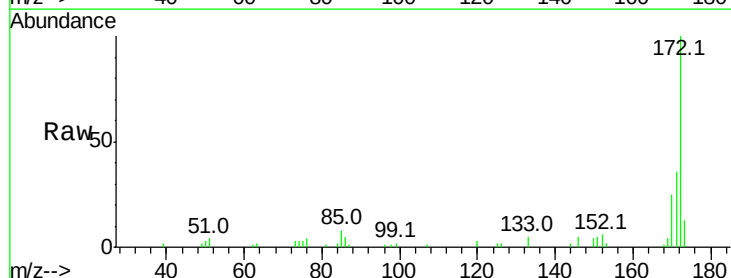


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

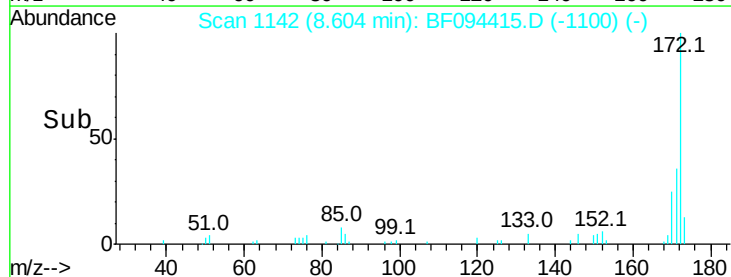
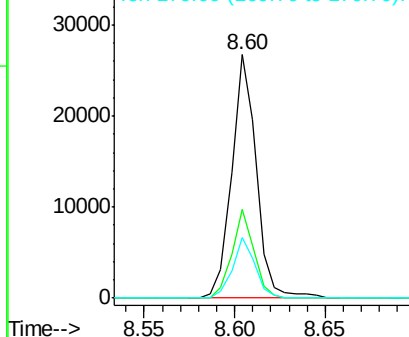


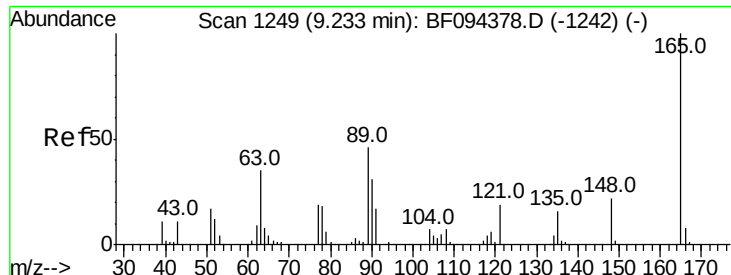
#44
 2-Fluorobiphenyl
 Concen: 1.66 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Tgt Ion:172 Resp: 25321
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.1 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

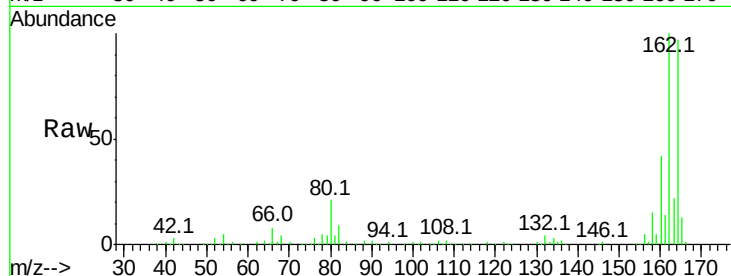




#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.19 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

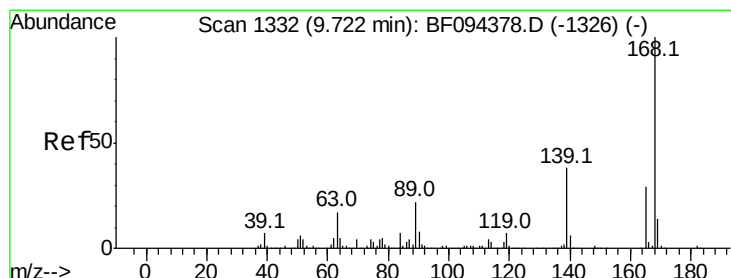
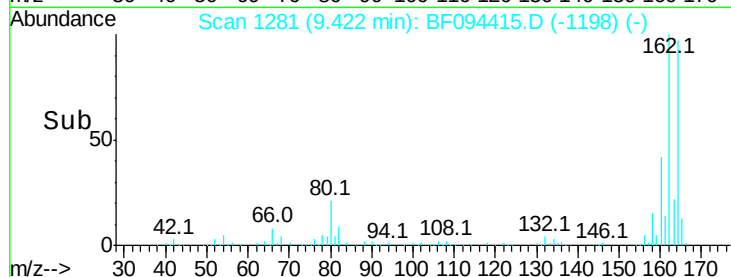
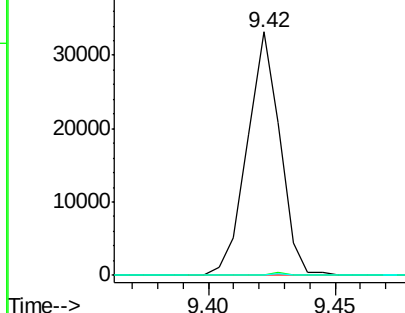
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.30 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

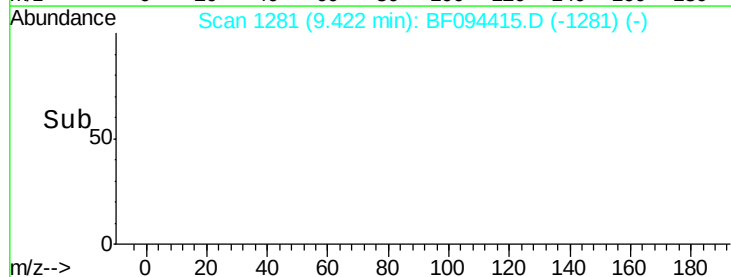
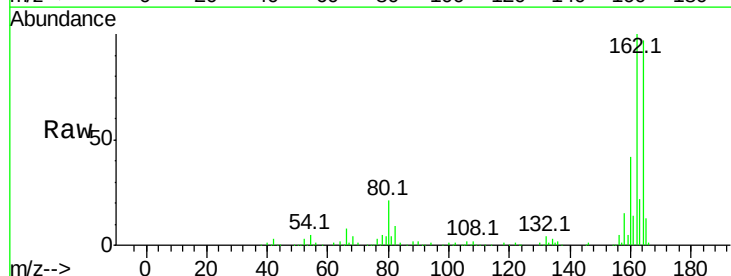
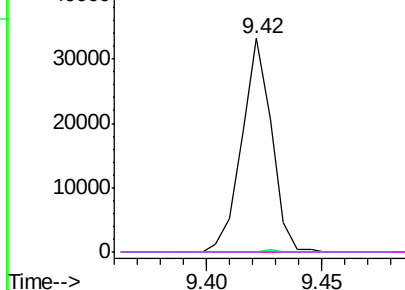
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

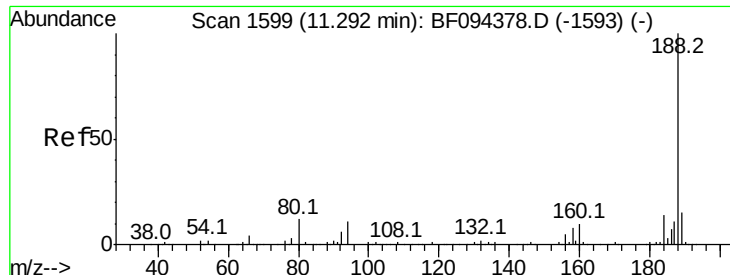
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

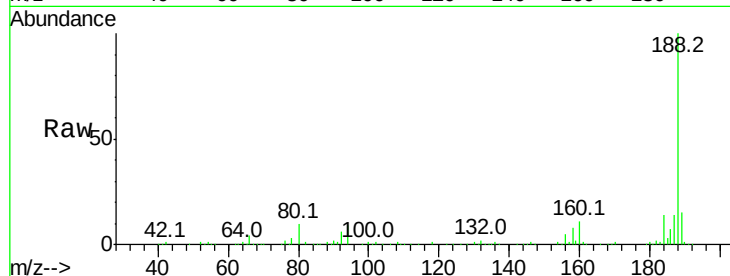




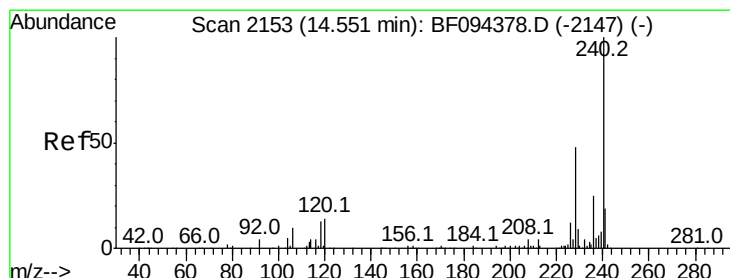
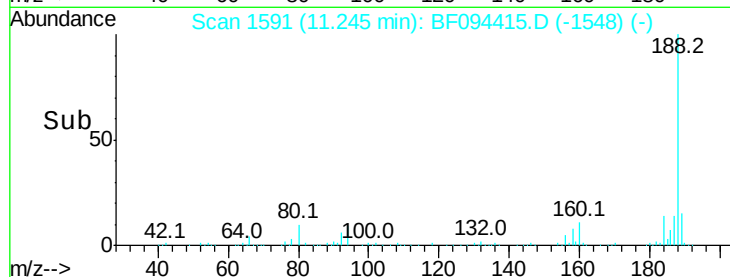
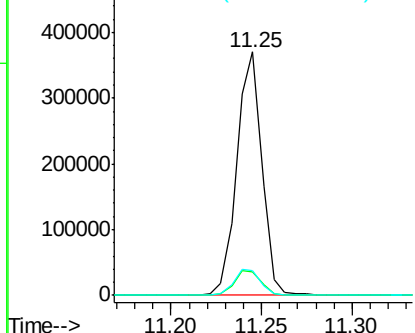
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. -0.05 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.2	10.2	15.2

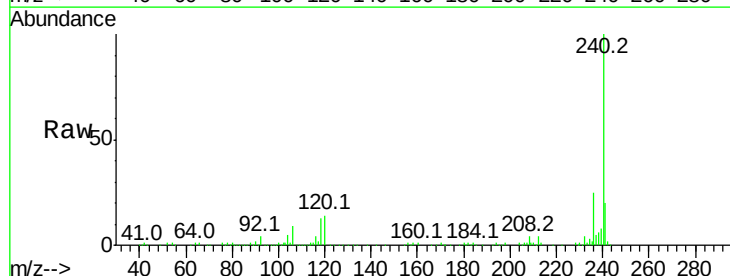


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

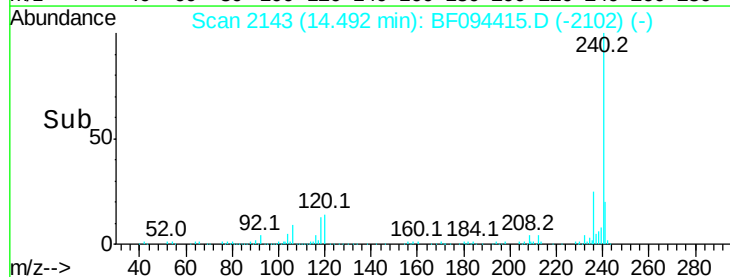
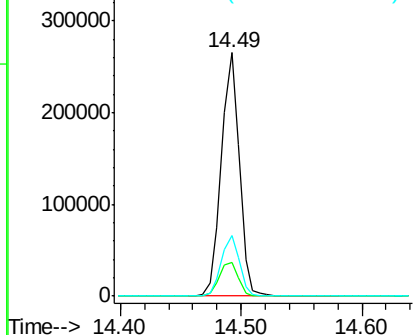


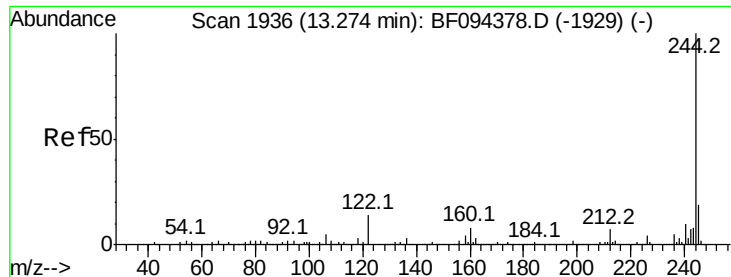
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.49 min Scan# 2143
 Delta R.T. -0.06 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.9	20.5	30.7



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: 1.24 ng

RT: 13.22 min Scan# 1926

Delta R.T. -0.06 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampleId :

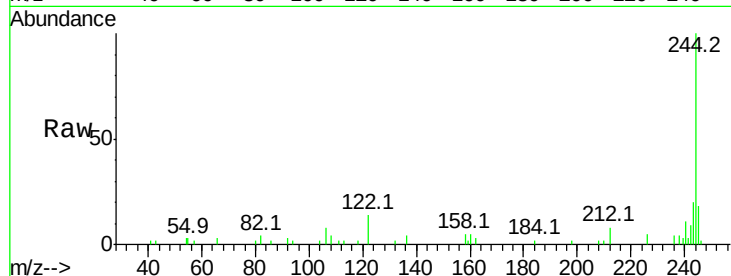
Tot Ion:244 Resp: 15204

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

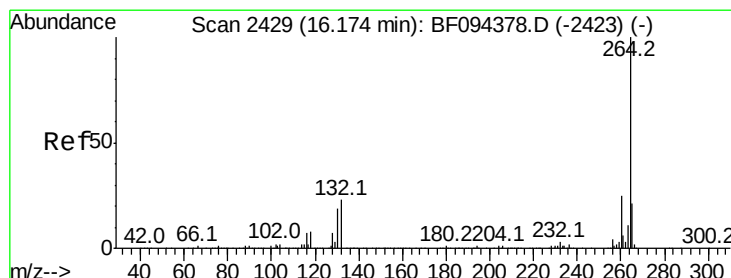
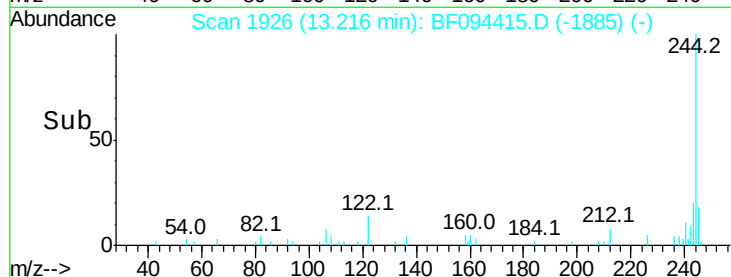
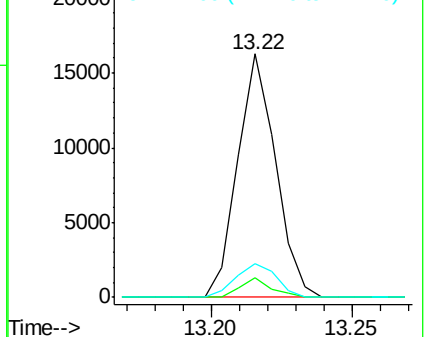
122 13.8 10.3 15.5



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: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

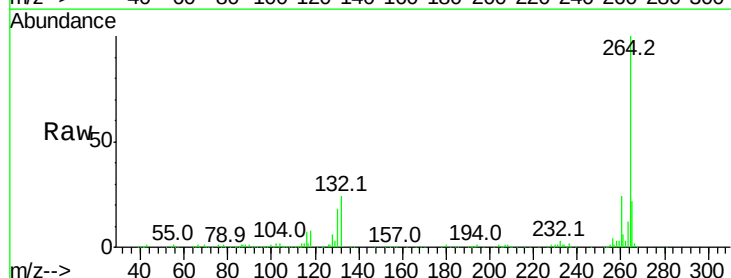
Tgt Ion:264 Resp: 216830

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 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

