

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096608.D
 Acq On : 10 Jul 2017 18:35
 Operator : SJ/JU
 Sample : I4101-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Quant Time: Jul 11 03:34:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

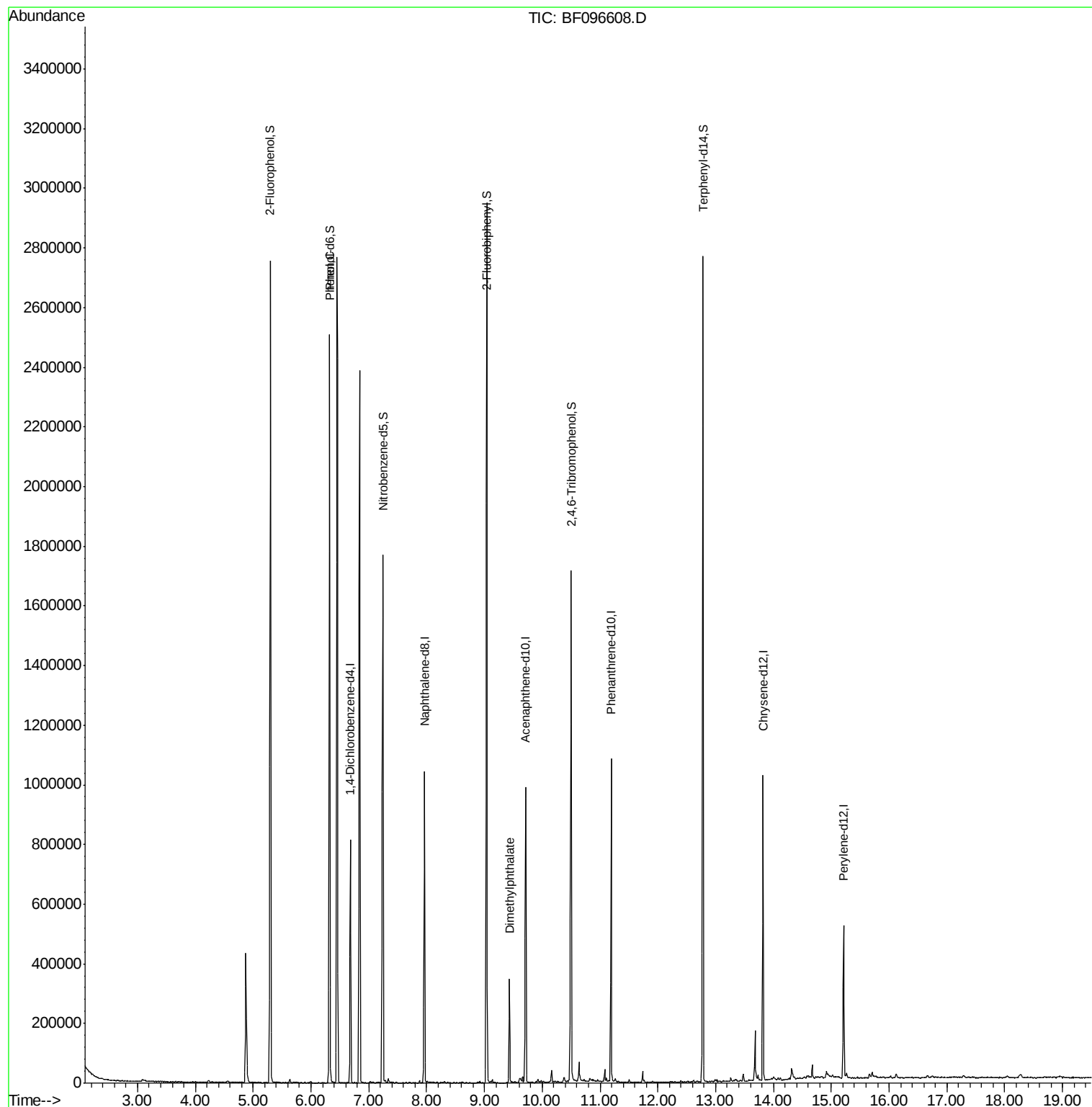
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	112657	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	479112	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	219110	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	389114	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	337091	20.00	ng	-0.03
86) Perylene-d12	15.22	264	226369	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	828372	108.53	ng	-0.01
7) Phenol-d6	6.32	99	1013001	107.96	ng	-0.02
23) Nitrobenzene-d5	7.25	82	588870	73.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	209984	122.69	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1099282	85.78	ng	-0.02
78) Terphenyl-d14	12.78	244	914848	57.99	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	24054	2.25	ng	94
49) Dimethylphthalate	9.43	163	129858	7.94	ng	97

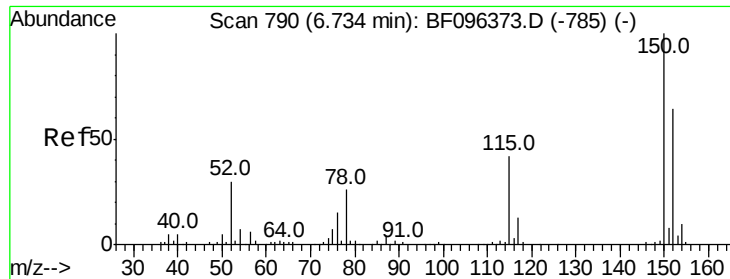
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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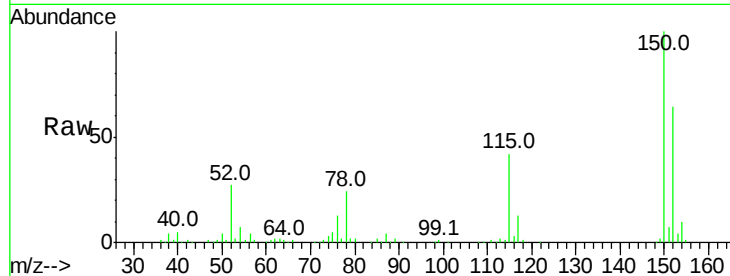


#1

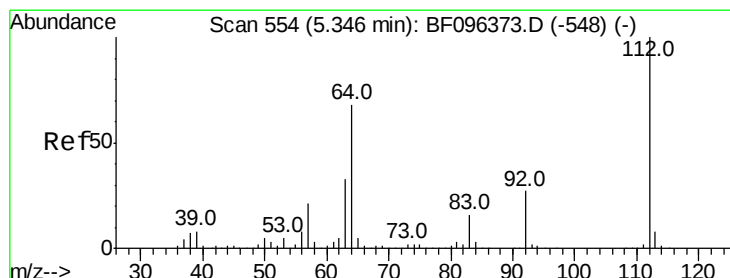
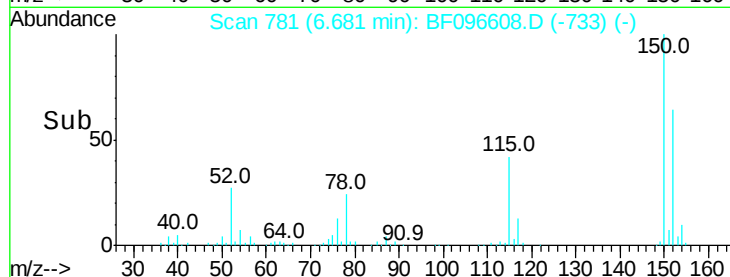
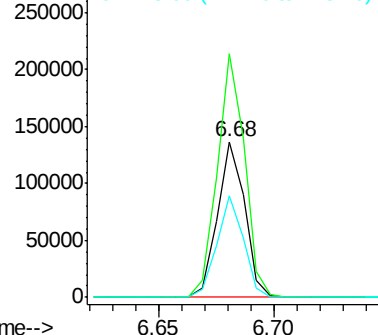
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :
EP-11

Tot Ion:152 Resp: 112657
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 65.2 52.2 78.2



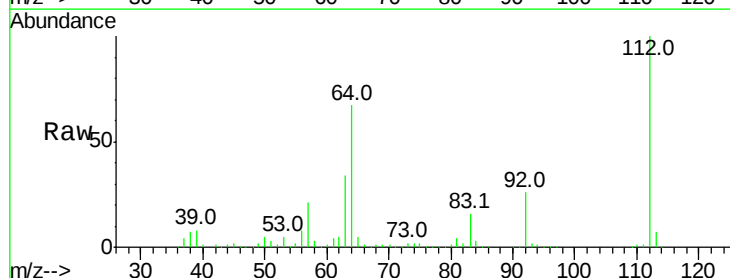
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



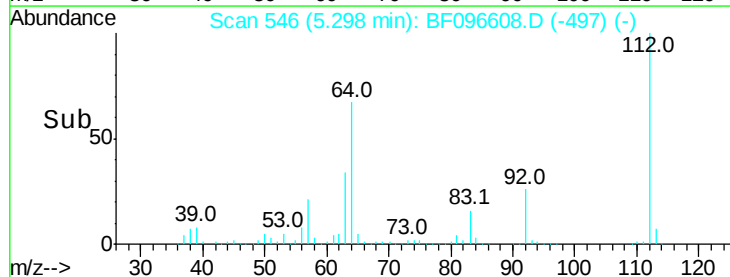
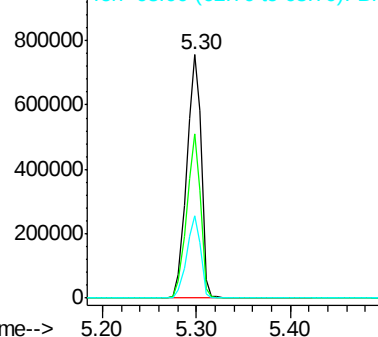
#5

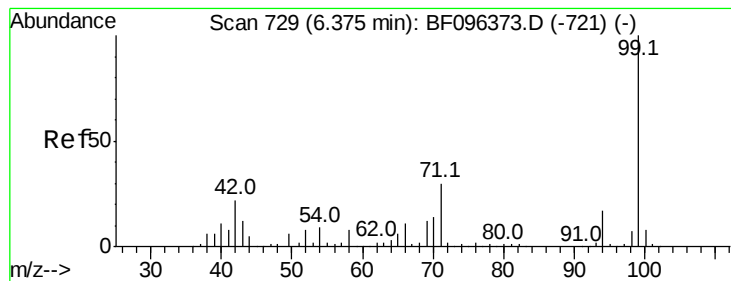
2-Fluorophenol
Concen: 108.53 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:112 Resp: 828372
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 33.6 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: 107.96 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

Instrument :

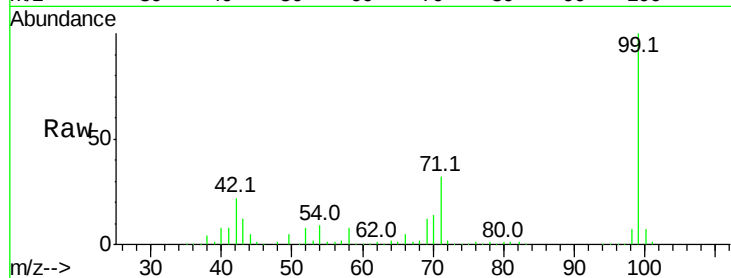
BNA_F

ClientSampleId :

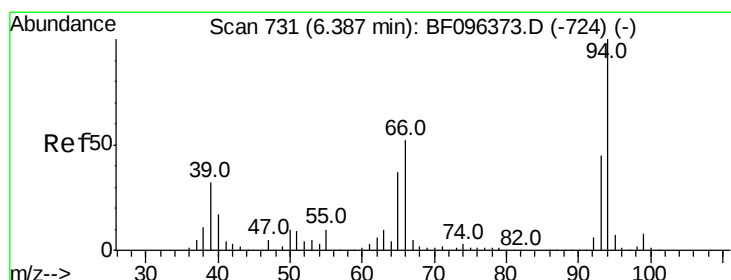
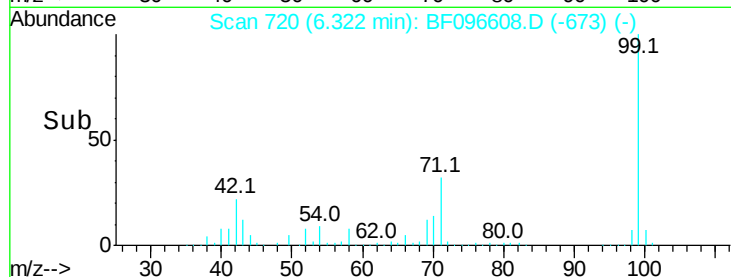
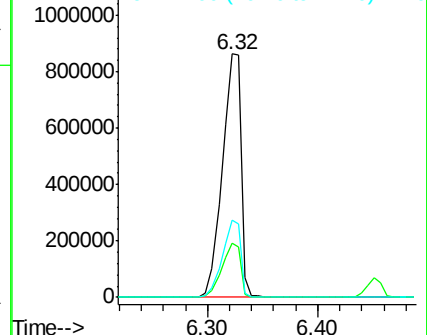
EP-11

Tot Ion: 99 Resp: 1013001

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.6	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



#10

Phenol

Concen: 2.25 ng

RT: 6.33 min Scan# 722

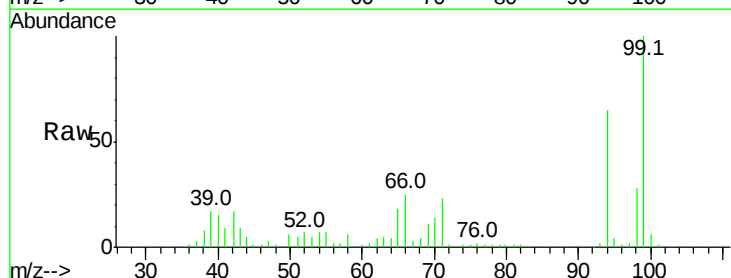
Delta R.T. -0.02 min

Lab File: BF096608.D

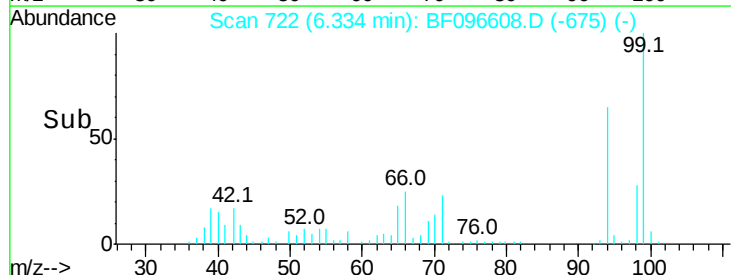
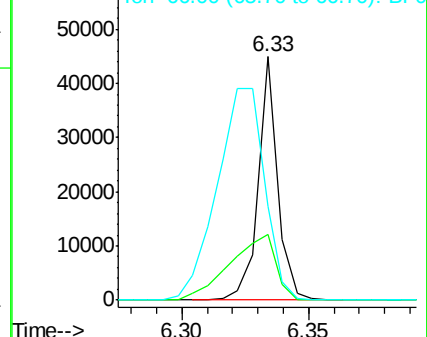
Acq: 10 Jul 2017 18:35

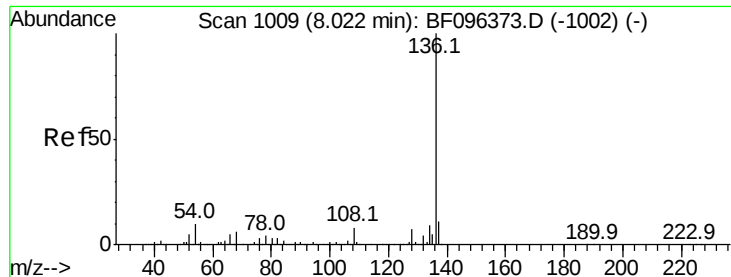
Tgt Ion: 94 Resp: 24054

Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.9	49.9
66	38.8	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

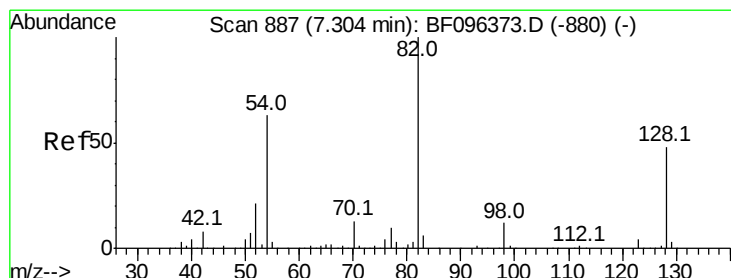
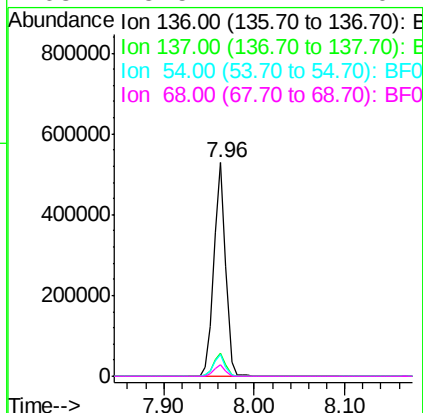
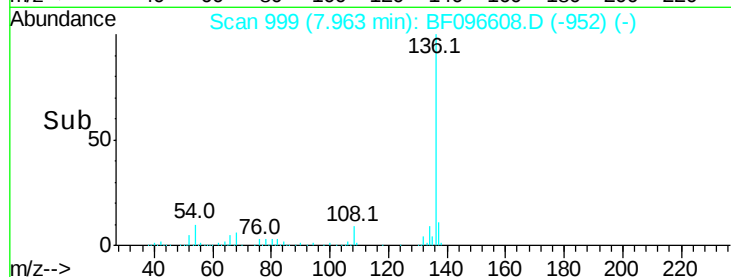
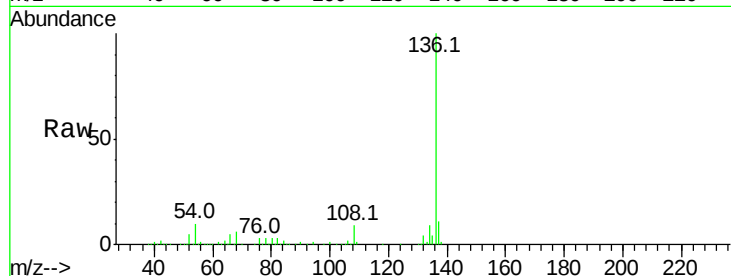




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

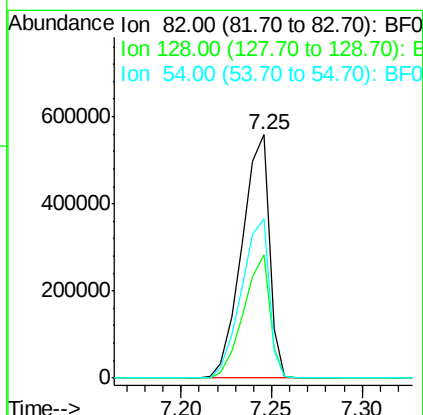
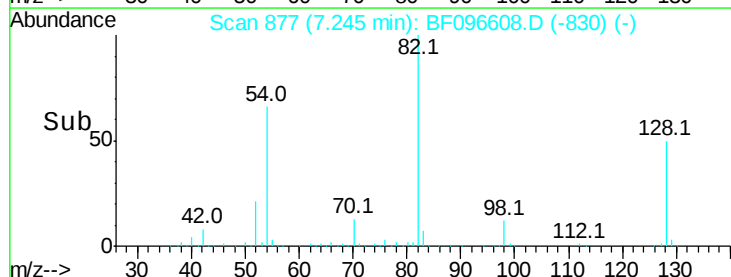
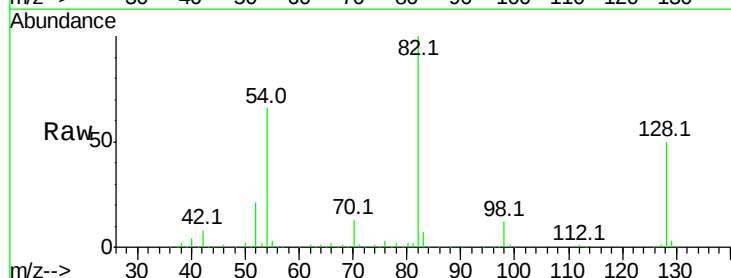
Instrument :
BNA_F
ClientSampleId :
EP-11

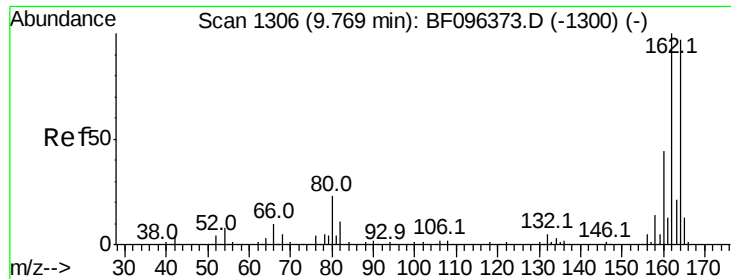
Tot Ion:	136	Resp:	479112
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.1	4.9	7.3#
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 73.86 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:	82	Resp:	588870
Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.0	51.0
54	65.6	42.2	63.2#

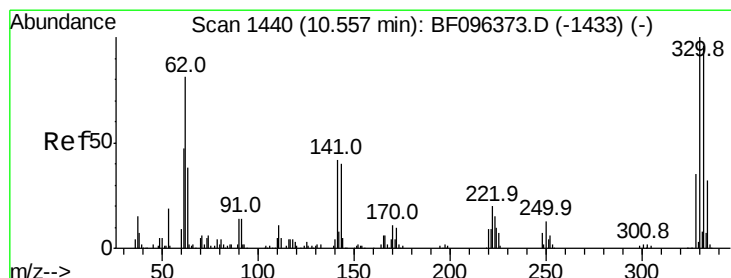
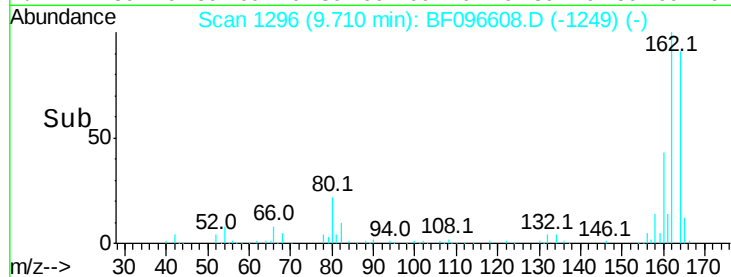
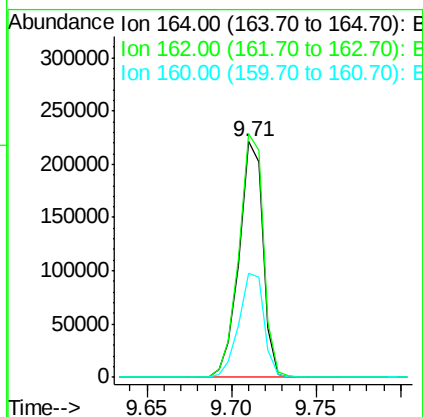
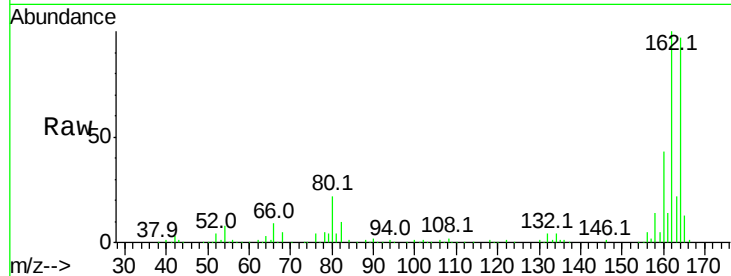




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

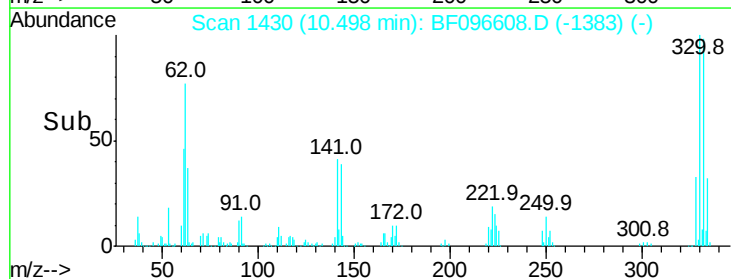
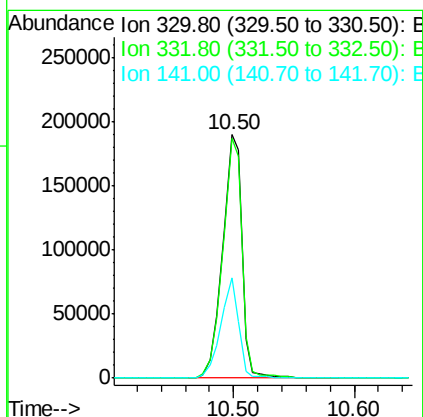
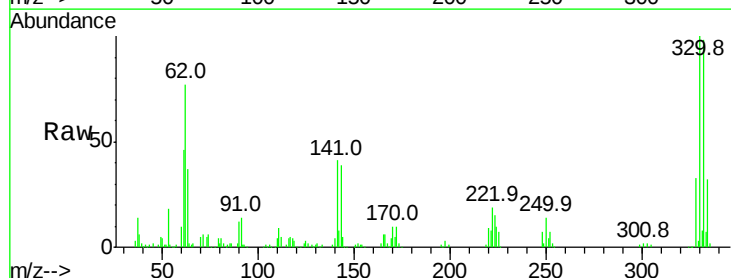
Instrument :
BNA_F
ClientSampleId :
EP-11

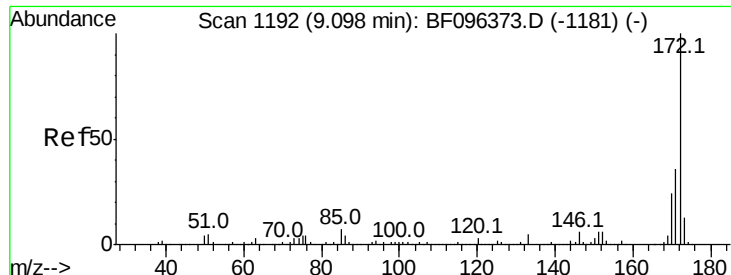
Tot Ion:164 Resp: 219110
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 44.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 122.69 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:330 Resp: 209984
Ion Ratio Lower Upper
330 100
332 98.6 76.6 115.0
141 38.4 31.4 47.2



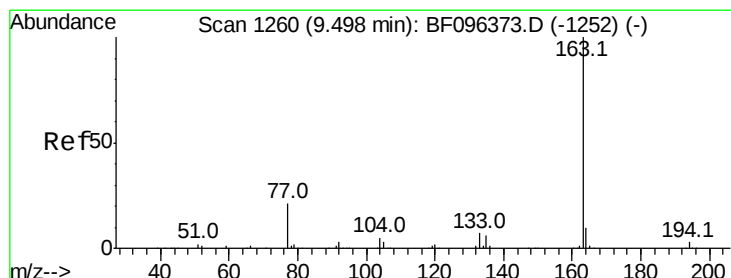
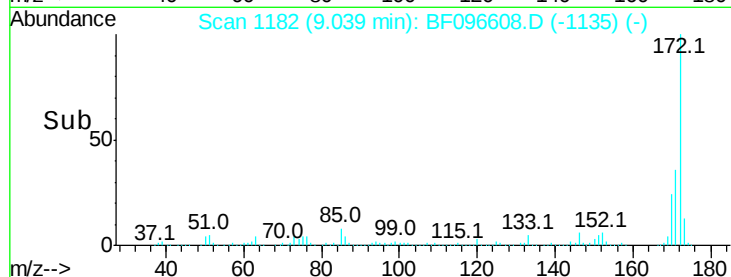
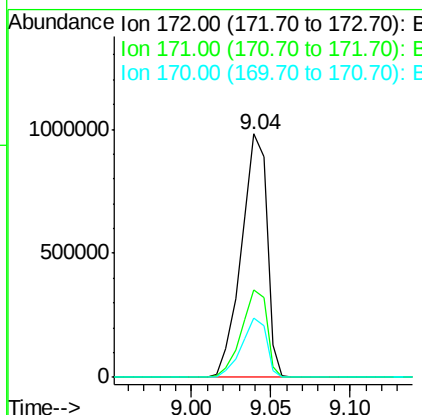
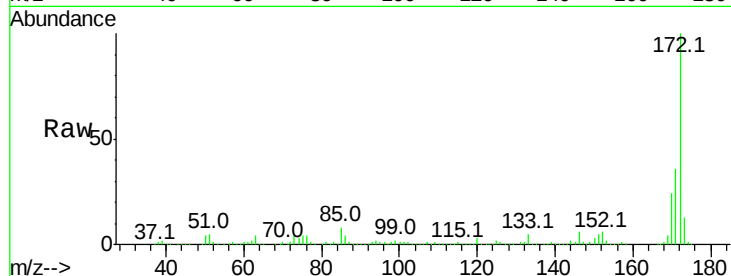


#44
 2-Fluorobiphenyl
 Concen: 85.78 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Tot Ion:172 Resp: 1099282

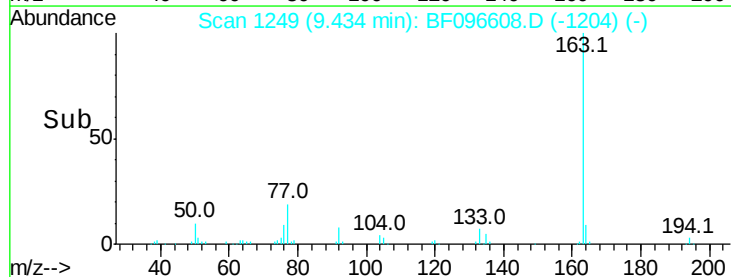
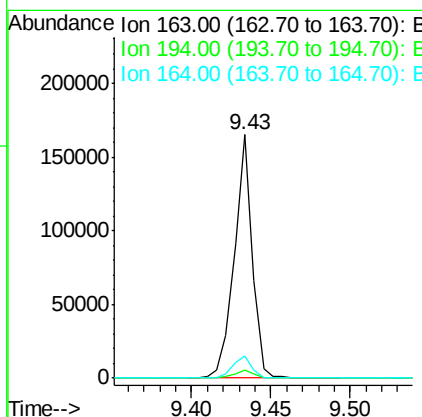
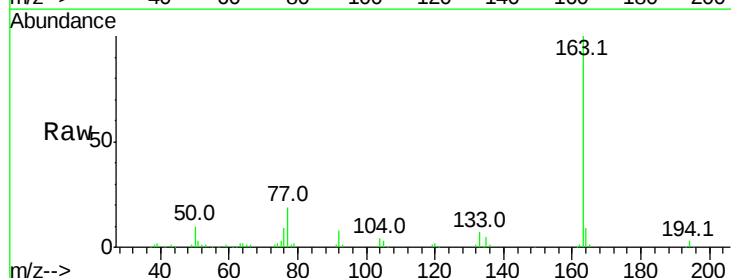
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

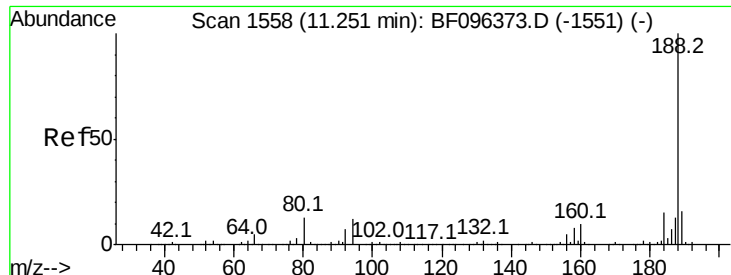


#49
 Dimethylphthalate
 Concen: 7.94 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Tgt Ion:163 Resp: 129858

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.3	8.4	12.6

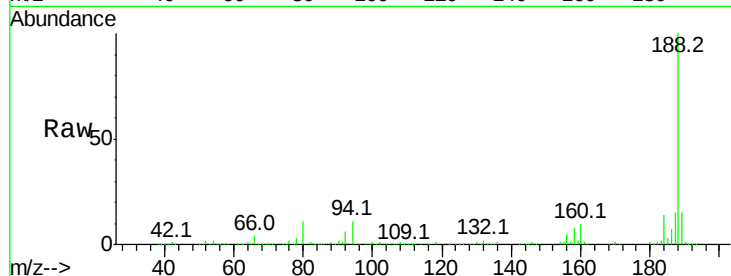




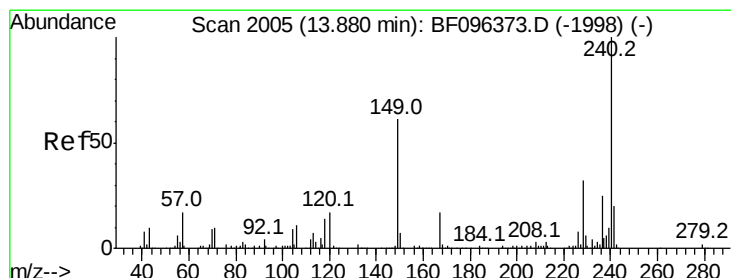
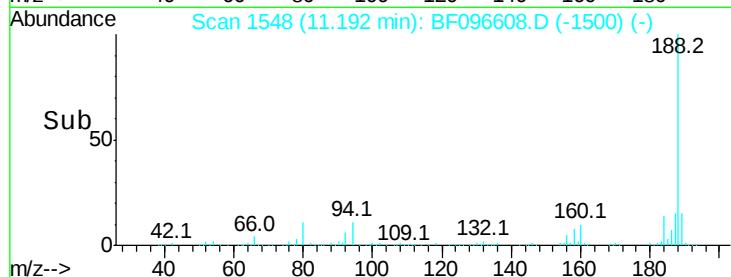
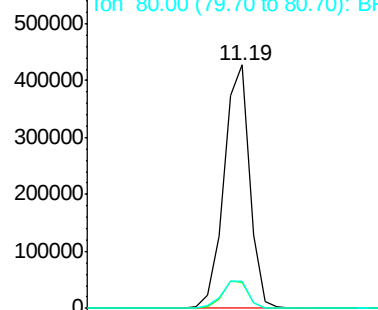
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Instrument :
BNA_F
ClientSampled :
EP-11

Tot Ion:188 Resp: 389114
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.1 10.2 15.2

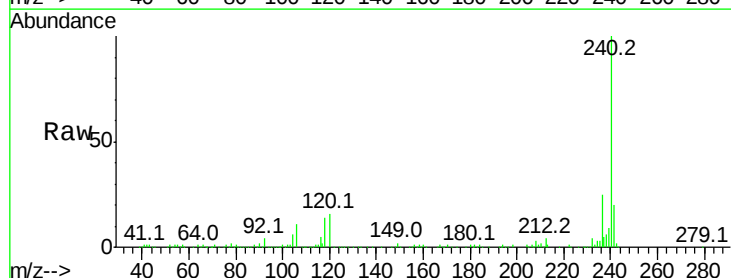


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

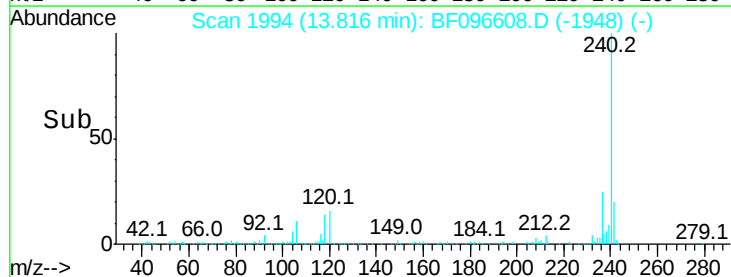
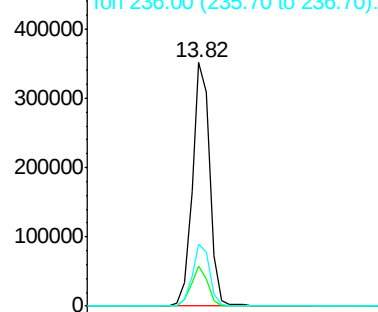


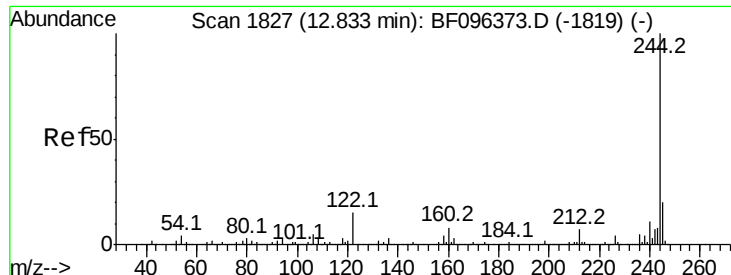
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:240 Resp: 337091
Ion Ratio Lower Upper
240 100
120 16.4 5.8 8.8#
236 25.5 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: 57.99 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

Instrument :

BNA_F

ClientSampled :

EP-11

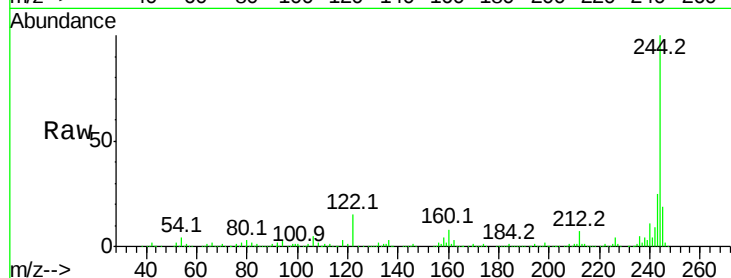
Tot Ion:244 Resp: 914848

Ion Ratio Lower Upper

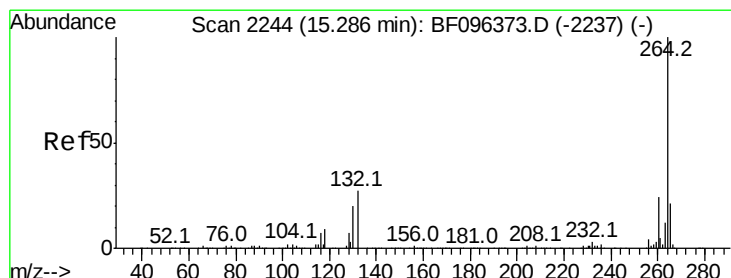
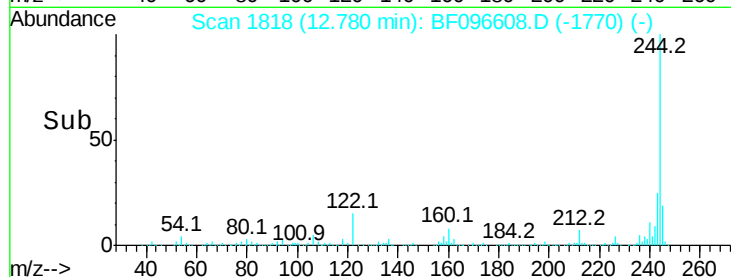
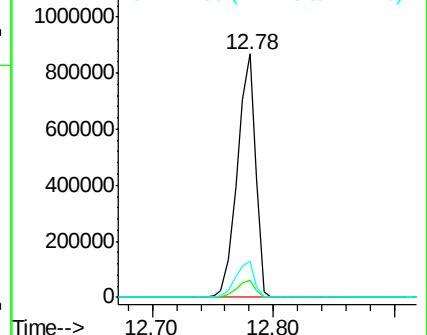
244 100

212 7.1 6.0 9.0

122 14.7 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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

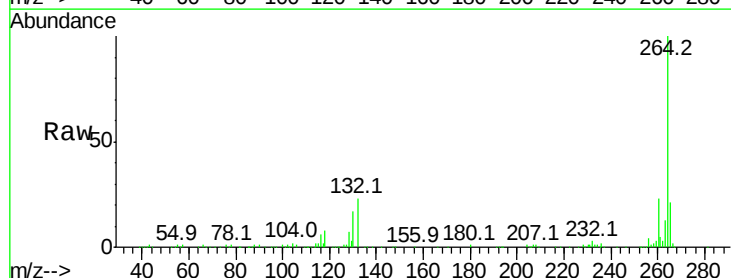
Tgt Ion:264 Resp: 226369

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 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

