

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089814.D
 Acq On : 19 Aug 2016 23:33
 Operator : UM/SJ
 Sample : H4518-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Quant Time: Aug 22 10:30:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

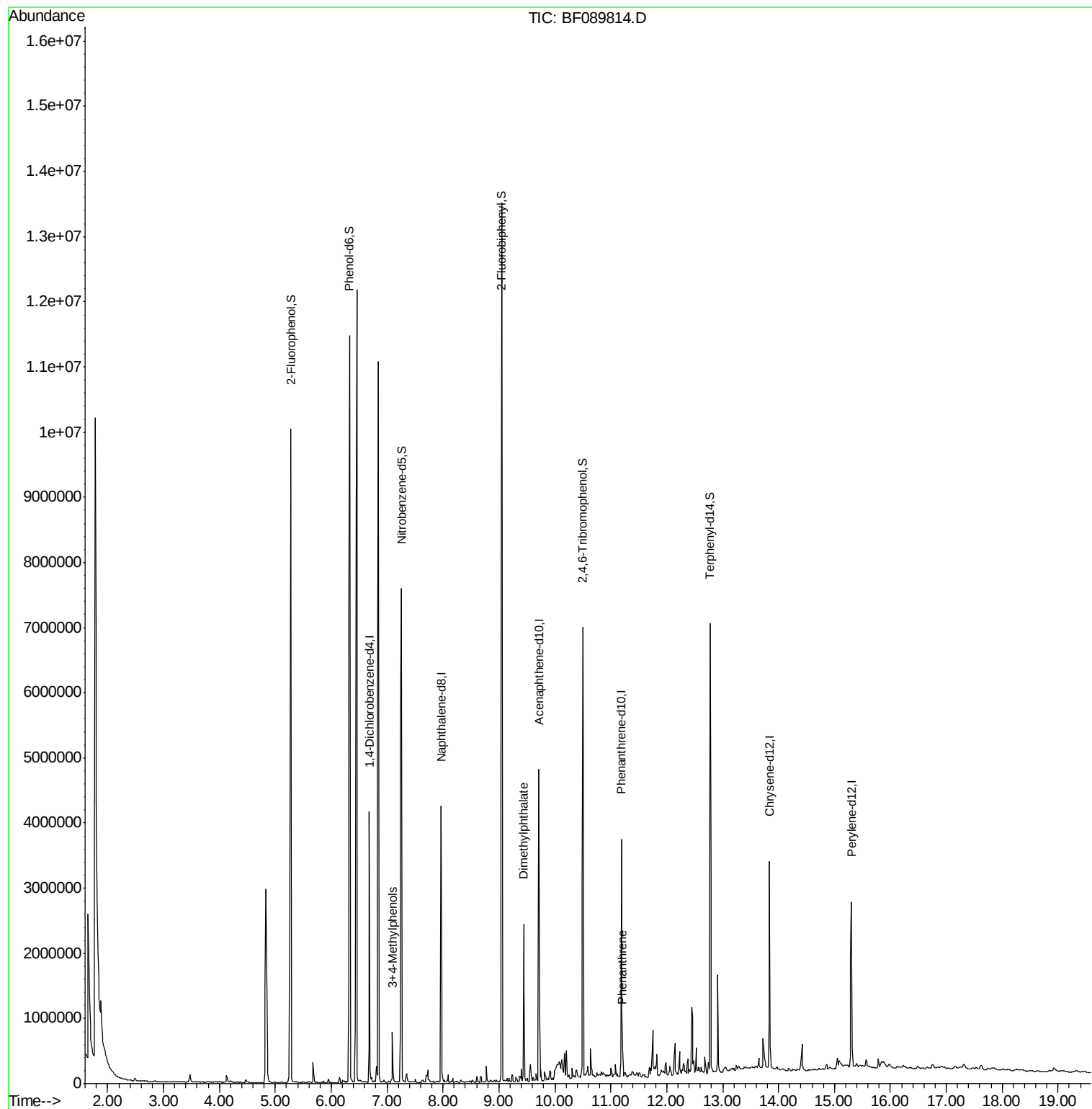
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	591881	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1993514	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	899438	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1334525	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1057177	20.00	ng	-0.03
86) Perylene-d12	15.30	264	1197177	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	4654457	134.86	ng	0.02
7) Phenol-d6	6.33	99	5312010	125.38	ng	0.01
23) Nitrobenzene-d5	7.26	82	3330709	103.80	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	906437	106.04	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4187131	81.82	ng	0.00
78) Terphenyl-d14	12.78	244	2362651	50.56	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.10	107	190041	4.79	ng	Qvalue # 47
49) Dimethylphthalate	9.44	163	1276574	20.16	ng	99
70) Phenanthrene	11.21	178	146058	2.17	ng	99

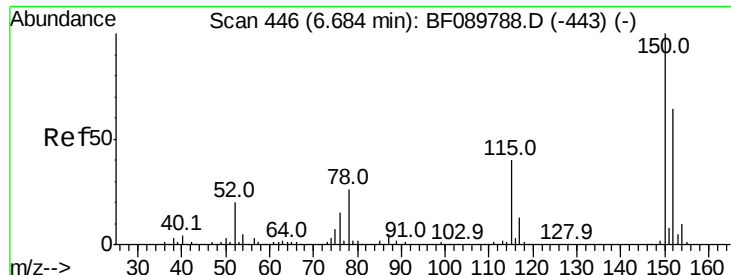
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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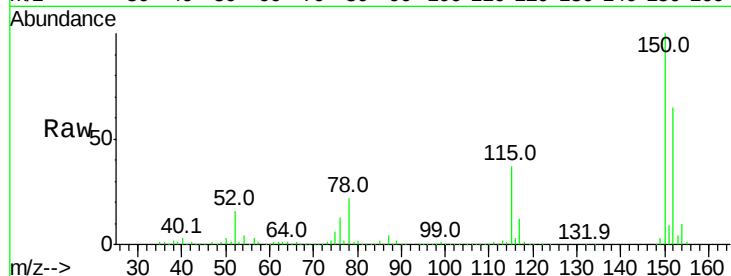


#1

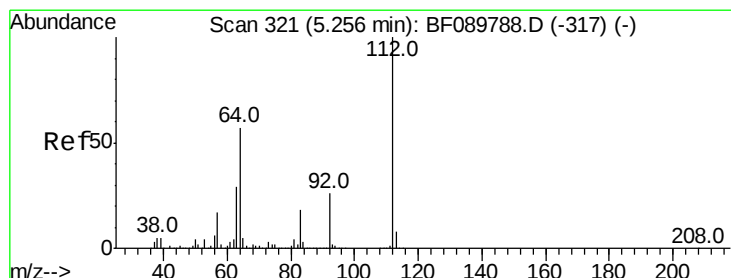
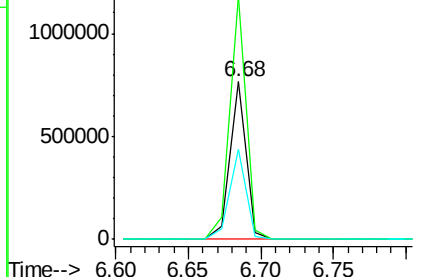
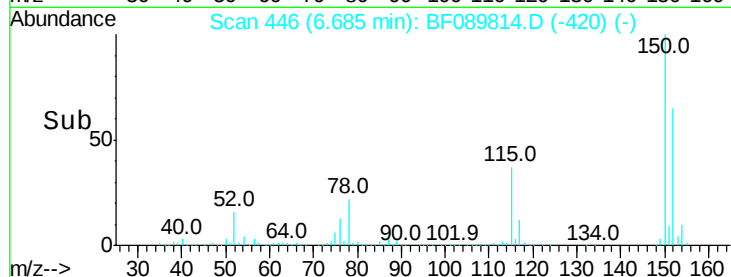
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	57.6	40.9	61.3



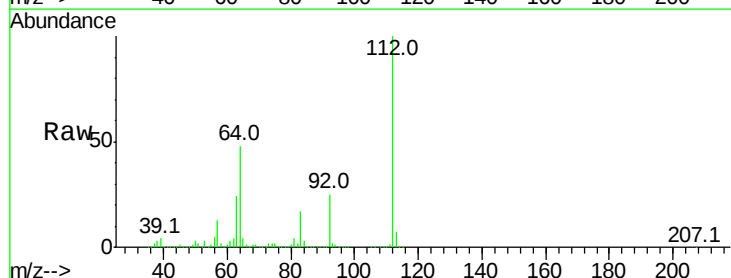
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



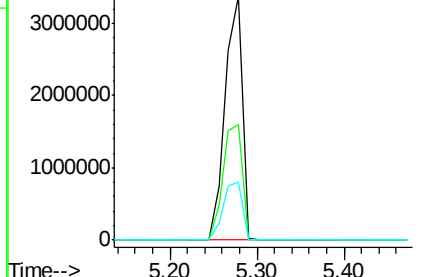
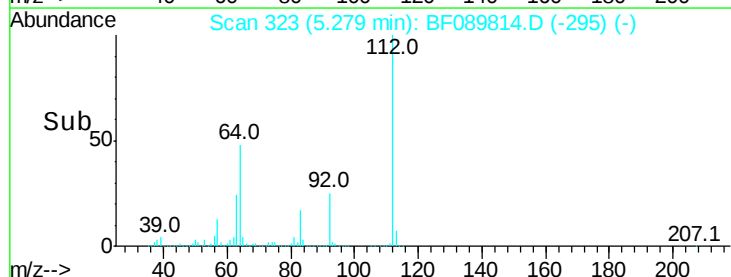
#5

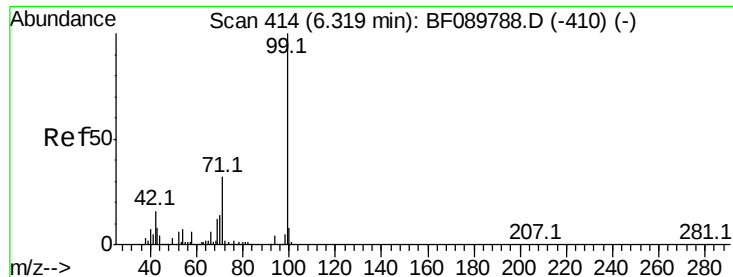
2-Fluorophenol
Concen: 134.86 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	45.0	67.4
63	24.0	23.1	34.7



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: 125.38 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

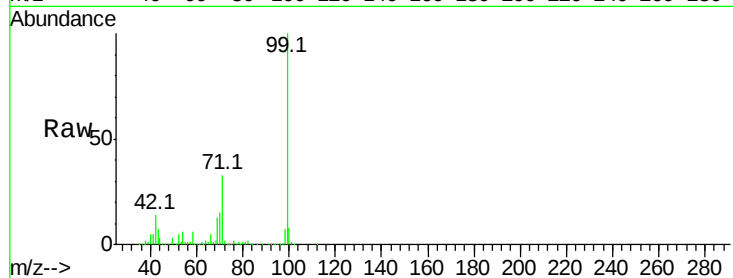
BNA_F

ClientSampleId :

A-2(8-15)

Tot Ion: 99 Resp: 5312010

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.4
71	32.9	23.8	35.8

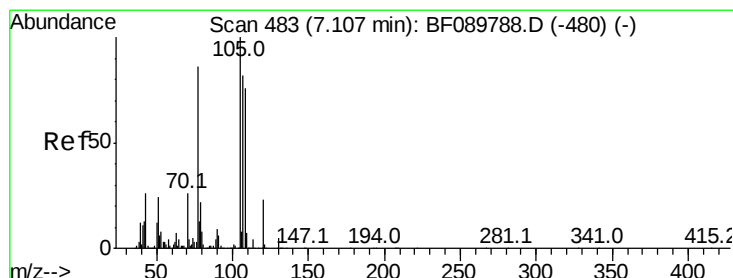
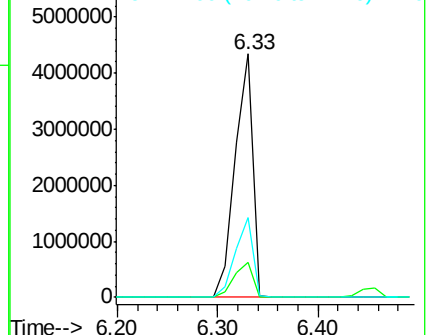
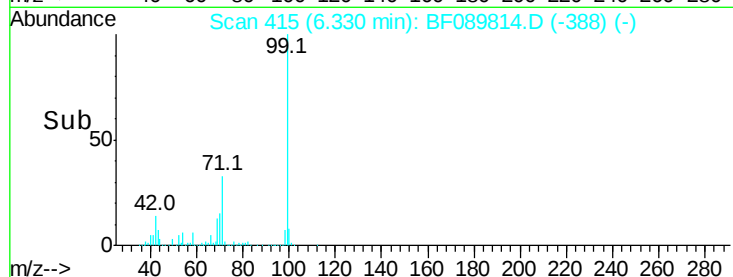


Abundance

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



#20

3+4-Methylphenols

Concen: 4.79 ng

RT: 7.10 min Scan# 482

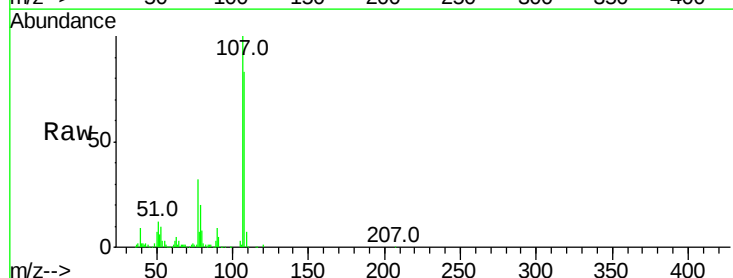
Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Tgt Ion: 107 Resp: 190041

Ion	Ratio	Lower	Upper
107	100		
108	83.3	68.2	108.2
77	31.7	122.3	162.3#
79	20.0	8.2	48.2



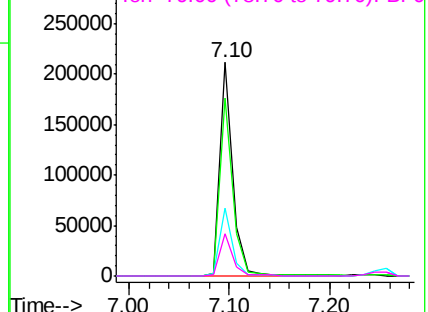
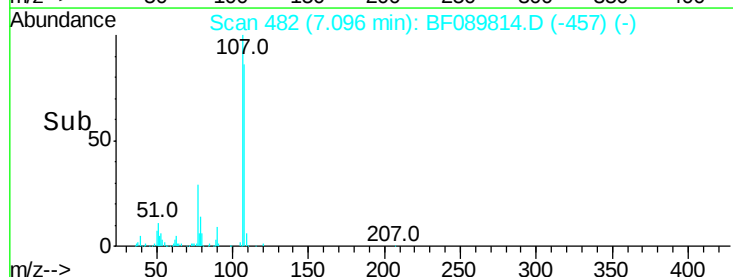
Abundance

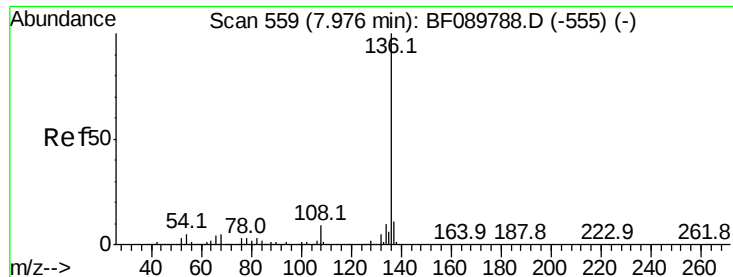
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

Tot Ion:136 Resp: 1993514

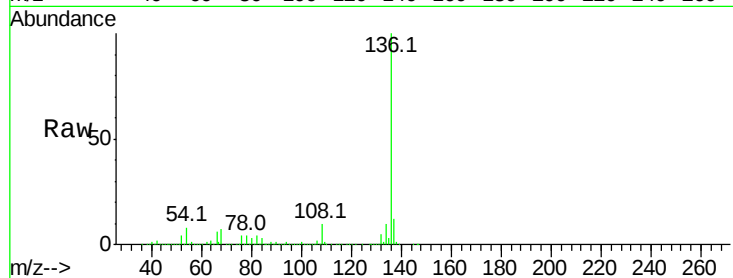
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.2 7.2 10.8

68 7.3 5.8 8.8

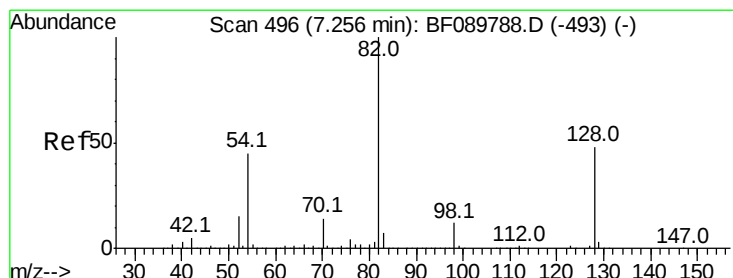
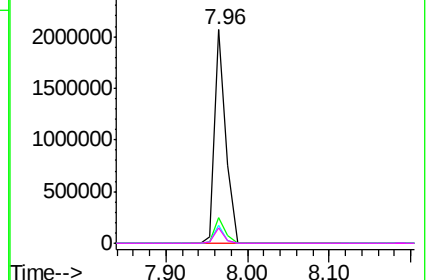
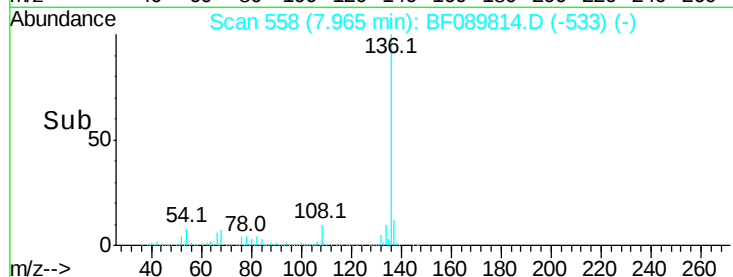


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.80 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

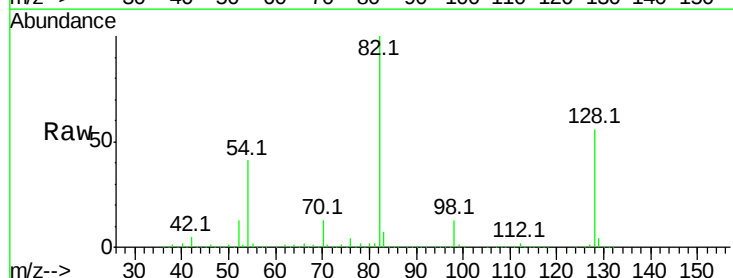
Tgt Ion: 82 Resp: 3330709

Ion Ratio Lower Upper

82 100

128 56.1 34.4 51.6#

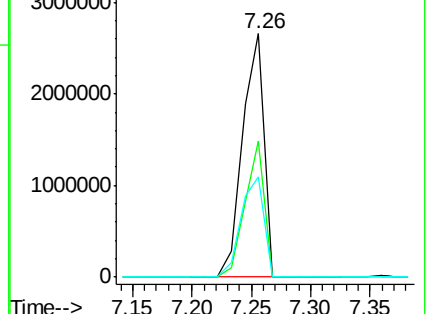
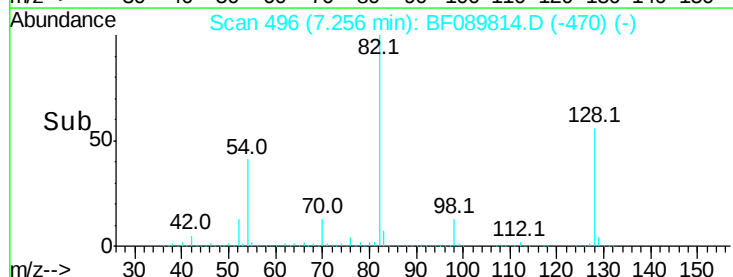
54 40.9 40.3 60.5

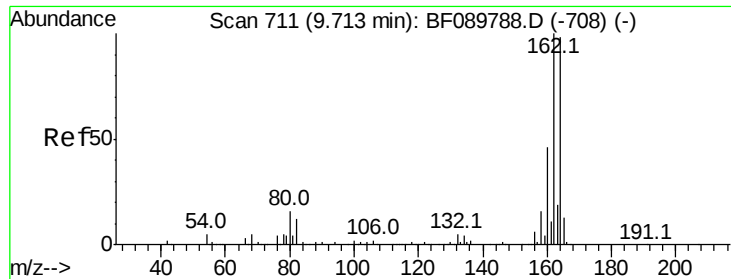


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampled :

A-2(8-15)

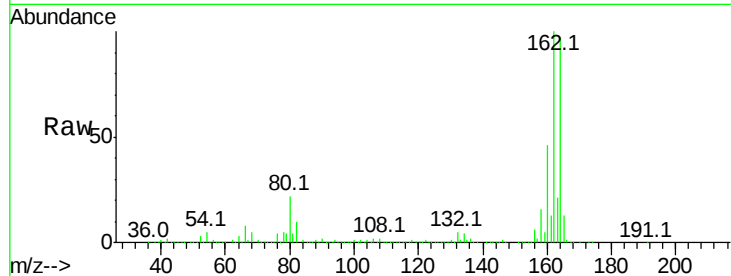
Tot Ion:164 Resp: 899438

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.2

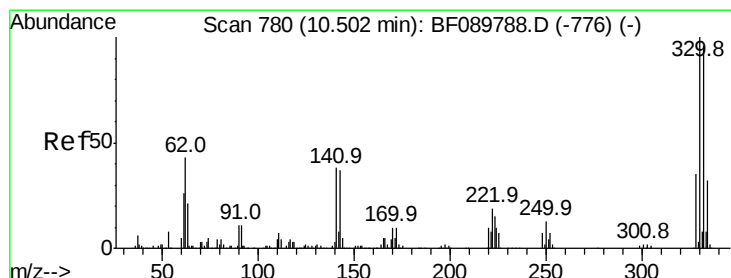
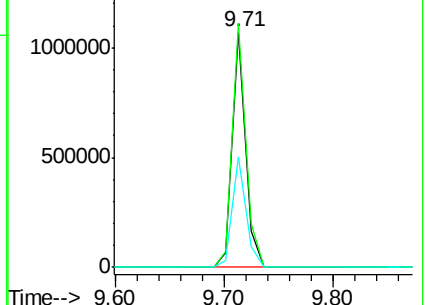
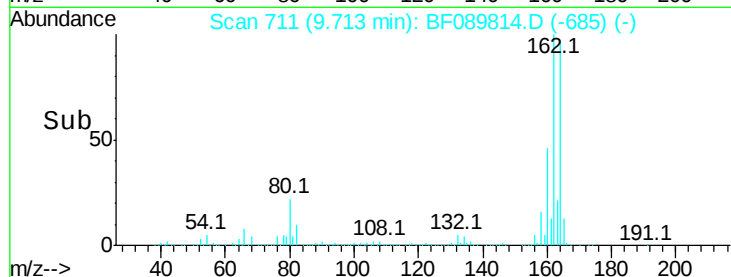
160 47.1 37.8 56.6



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: 106.04 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

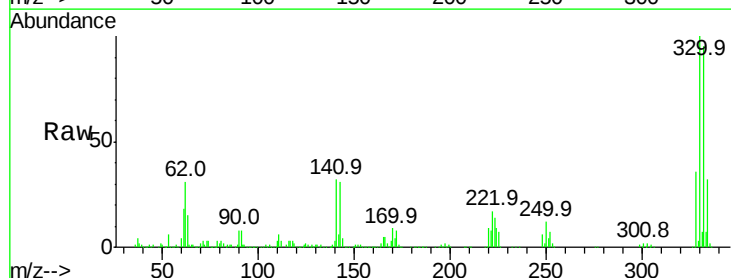
Tgt Ion:330 Resp: 906437

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

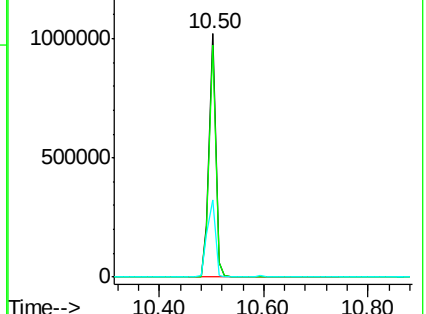
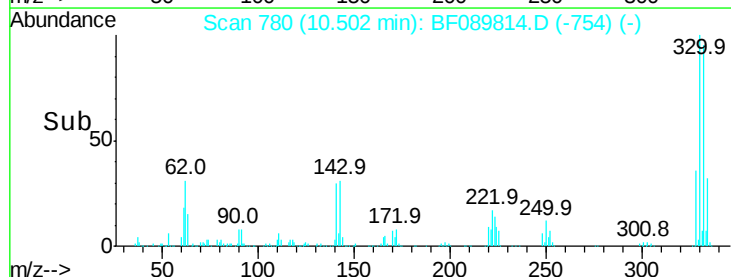
141 38.7 30.2 45.2

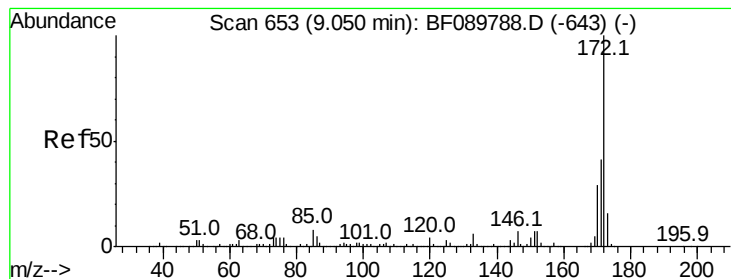


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



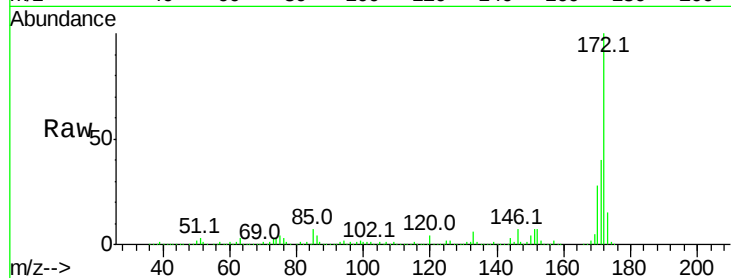


#44
 2-Fluorobiphenyl
 Concen: 81.82 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

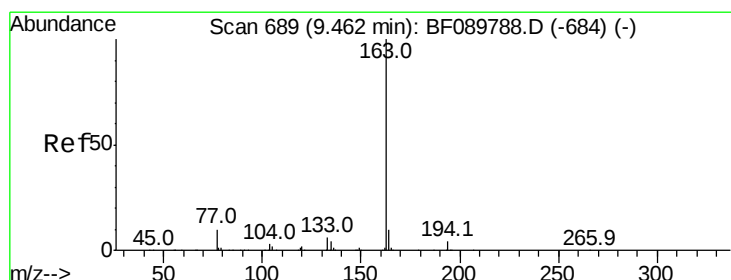
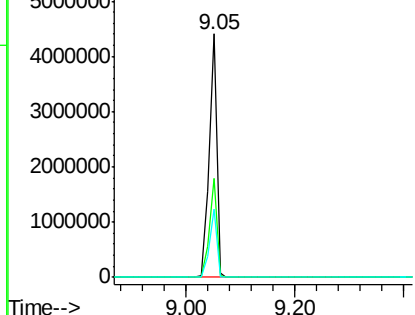
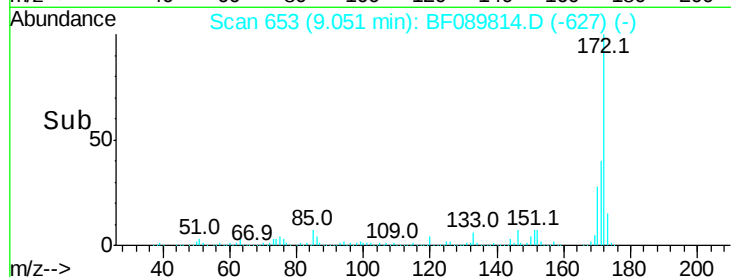
Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Tot Ion:172 Resp: 4187131

Ion	Ratio	Lower	Upper
172	100		
171	40.5	30.5	45.7
170	28.2	20.6	31.0



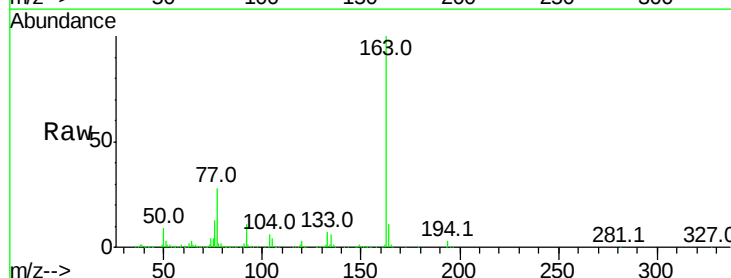
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



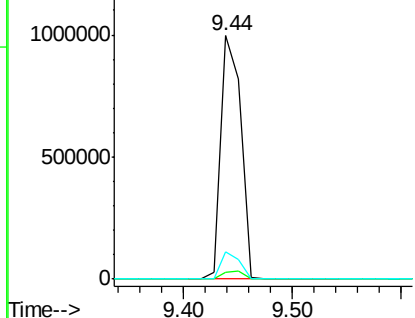
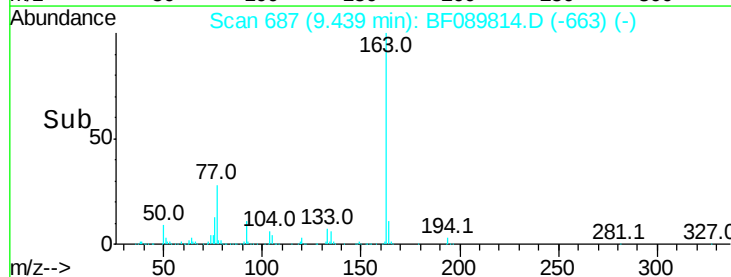
#49
 Dimethylphthalate
 Concen: 20.16 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

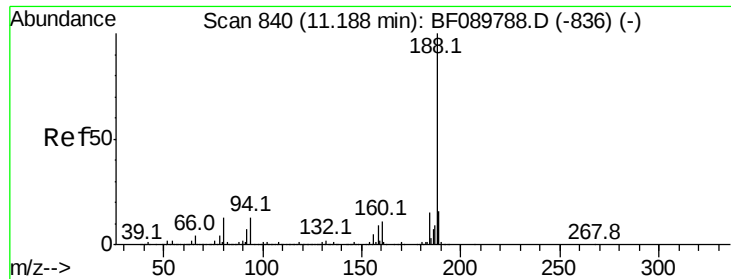
Tgt Ion:163 Resp: 1276574

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	3.8
164	11.0	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

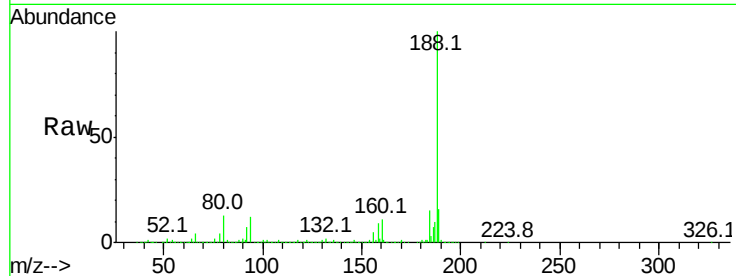




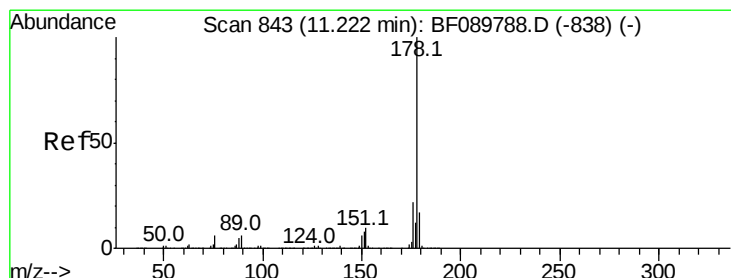
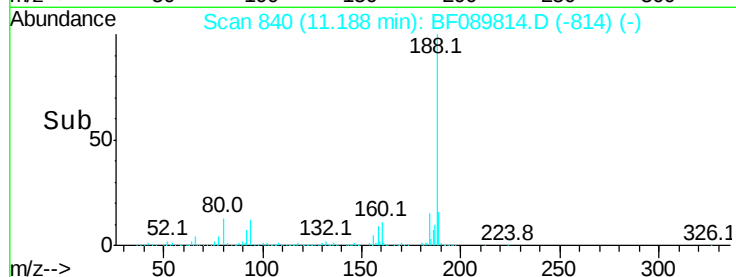
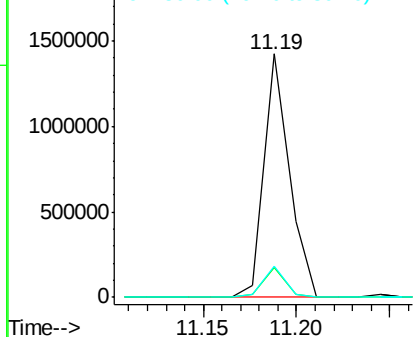
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Tot Ion:188 Resp: 1334525
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.2 15.2
 80 12.7 10.9 16.3

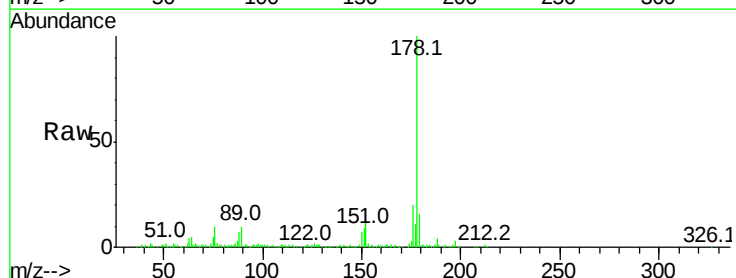


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

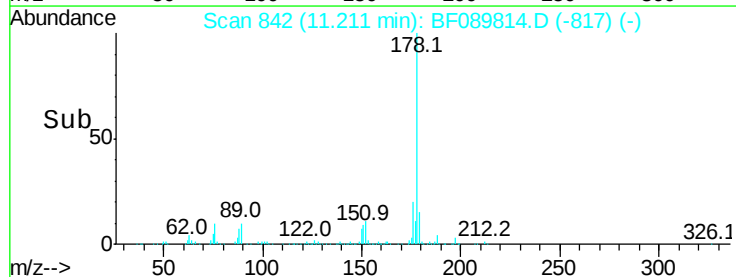
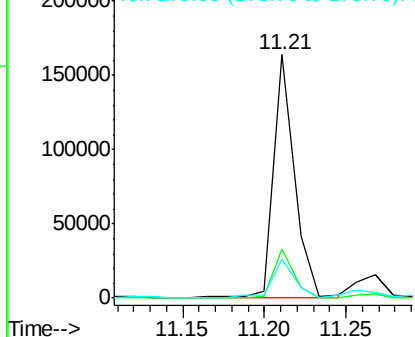


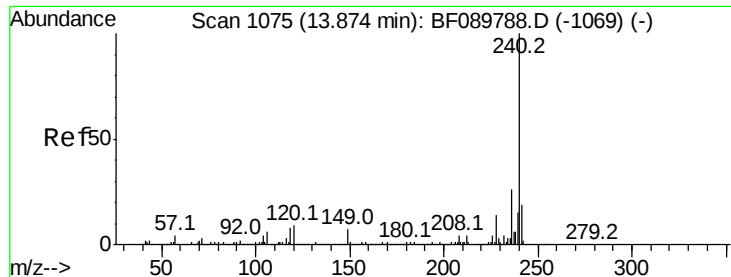
#70
 Phenanthrene
 Concen: 2.17 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Tgt Ion:178 Resp: 146058
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.4 24.6
 179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

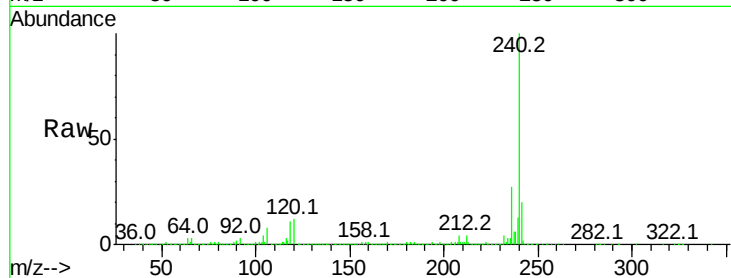
BNA_F

ClientSampleId :

A-2(8-15)

Tot Ion:240 Resp: 1057177

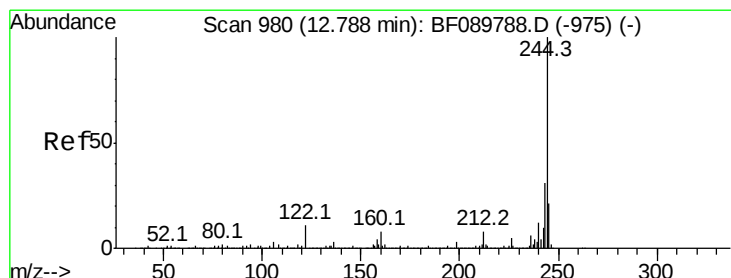
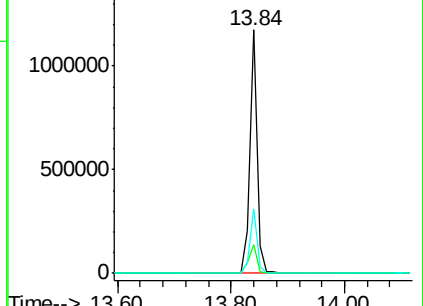
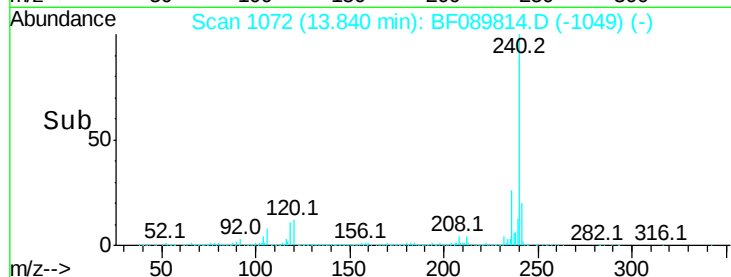
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.5	21.3	31.9



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: 50.56 ng

RT: 12.78 min Scan# 979

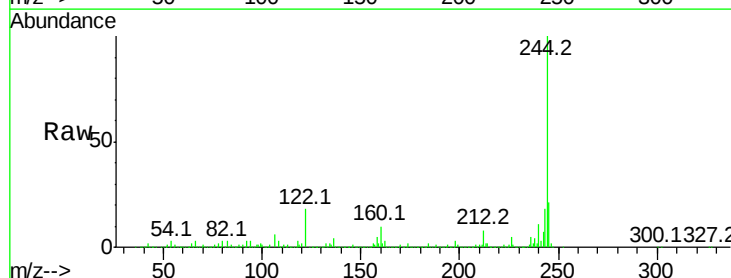
Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Tgt Ion:244 Resp: 2362651

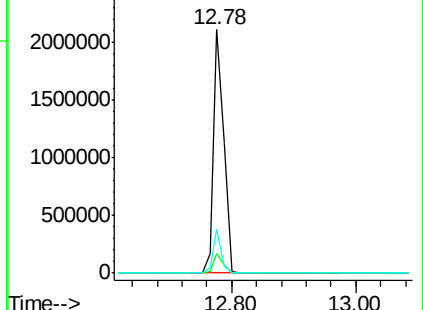
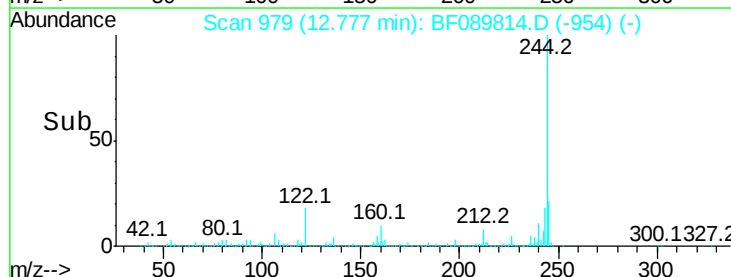
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	18.2	12.0	18.0

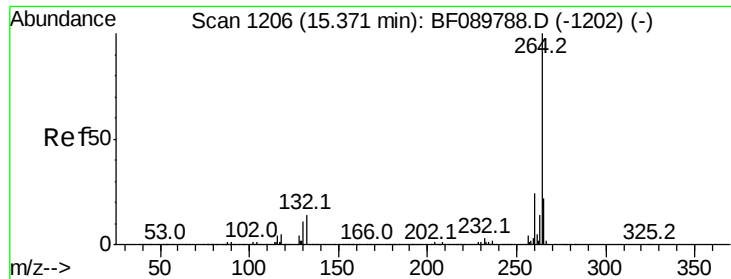


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



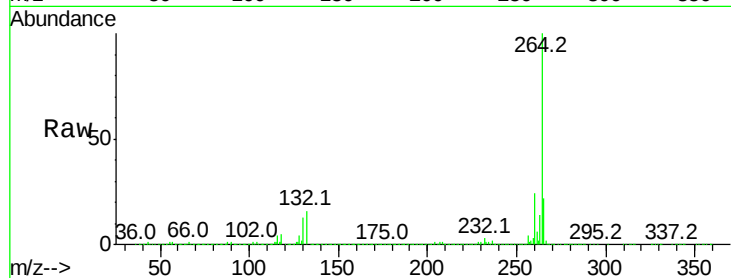


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.07 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Tot Ion:264 Resp: 1197177

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.3	17.4	26.2



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

