

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089764.D
 Acq On : 17 Aug 2016 15:49
 Operator : UM/SJ
 Sample : H4476-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Quant Time: Aug 17 16:58:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

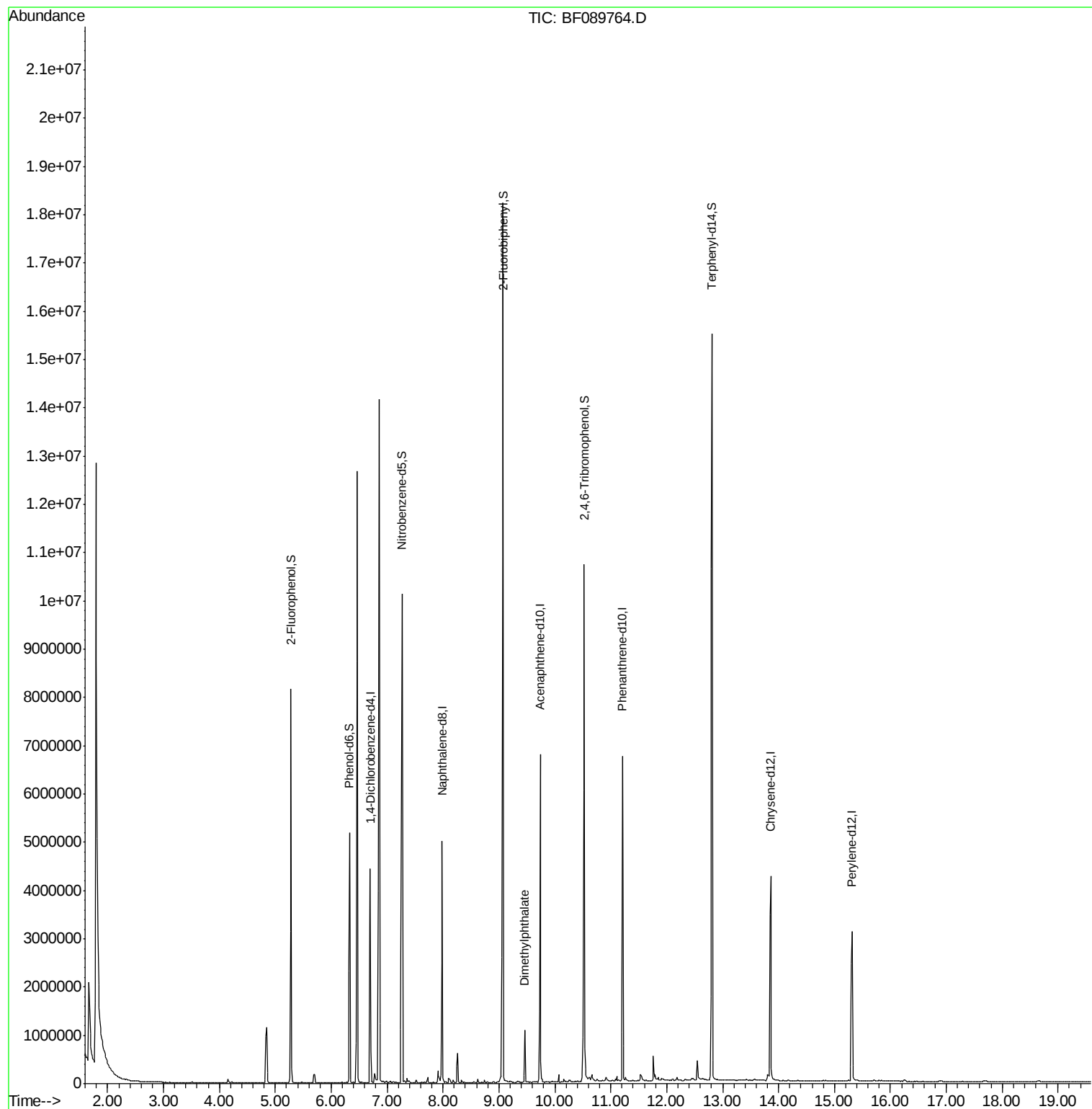
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	627982	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2657847	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1285779	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2228898	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1983265	20.00	ng	-0.03
86) Perylene-d12	15.31	264	1586310	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2398030	63.71	ng	0.00
7) Phenol-d6	6.33	99	2024754	42.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	4016653	92.28	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1578709	126.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6739720	84.11	ng	0.00
78) Terphenyl-d14	12.81	244	5673486	85.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	408711	4.39	ng	98

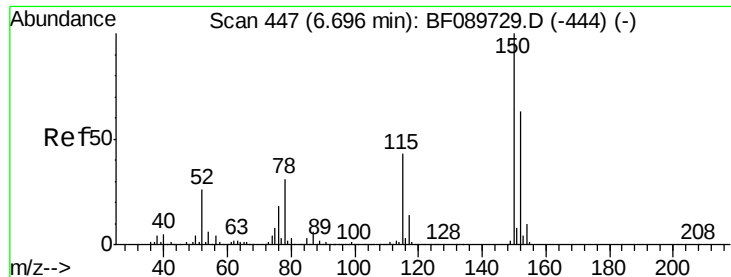
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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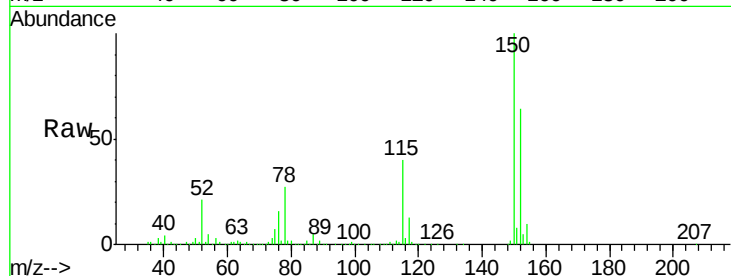


#1

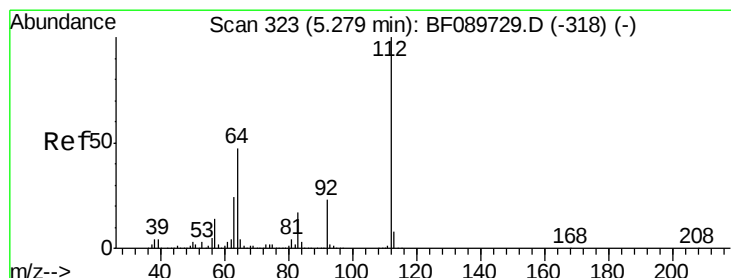
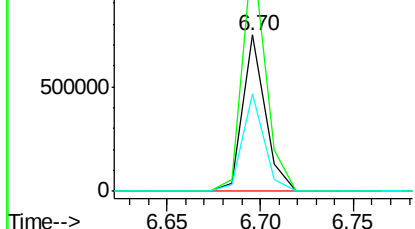
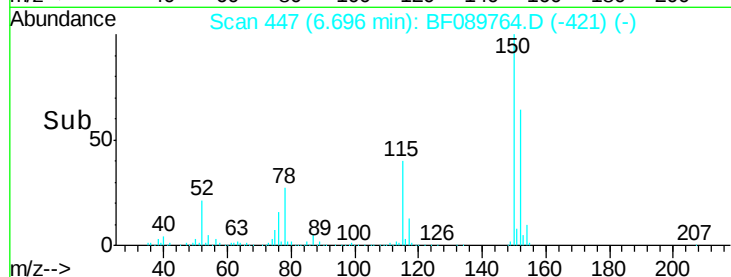
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	62.9	40.9	61.3



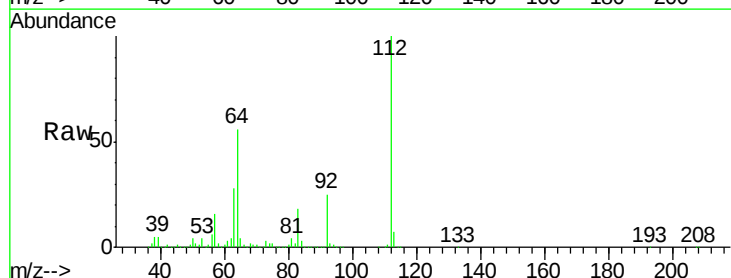
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



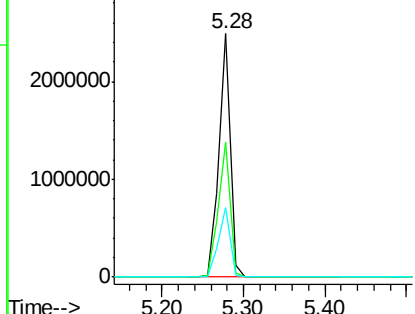
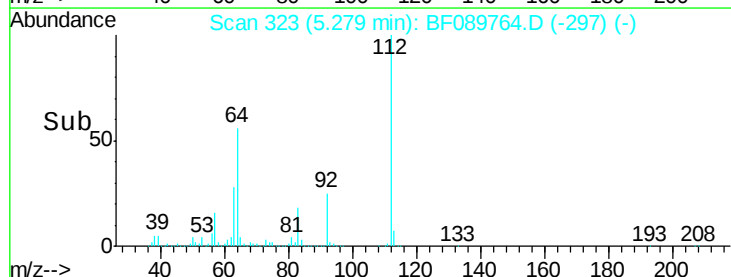
#5

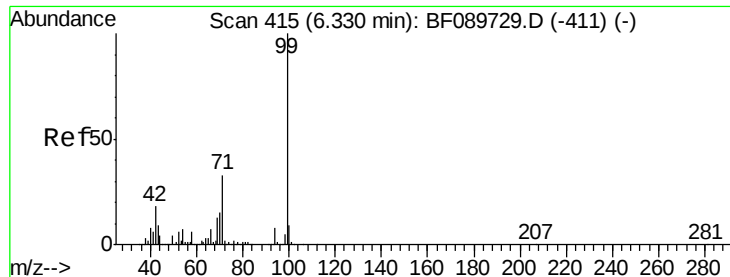
2-Fluorophenol
Concen: 63.71 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.0	67.4
63	28.3	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: 42.29 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

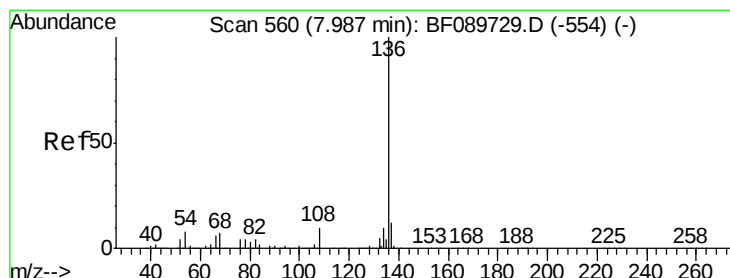
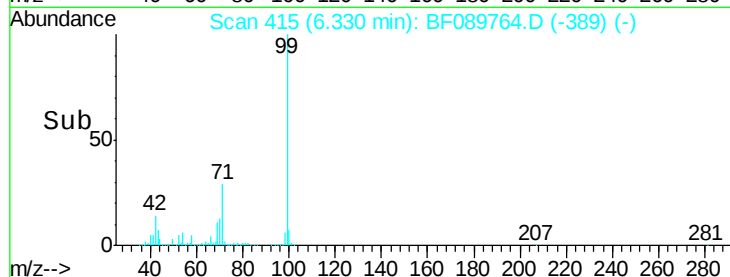
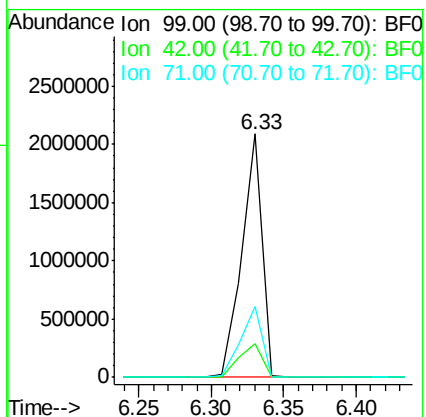
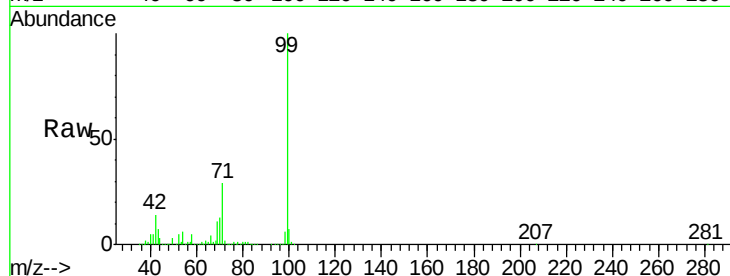
Tot Ion: 99 Resp: 2024754

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.4

71 28.9 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Tgt Ion: 136 Resp: 2657847

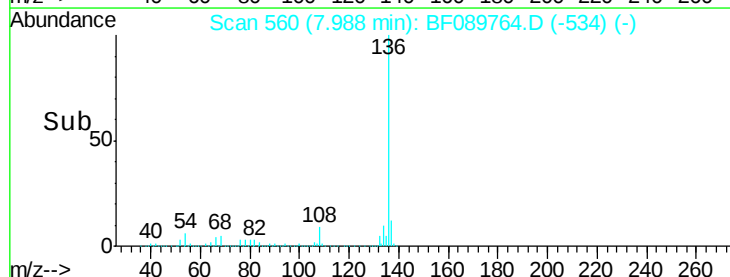
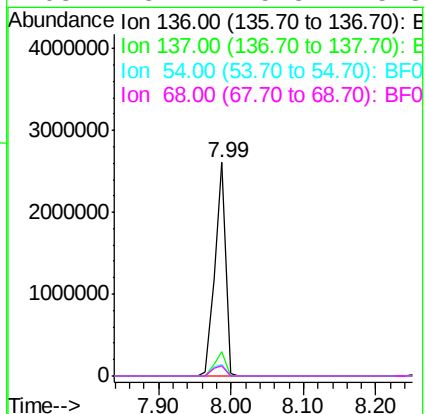
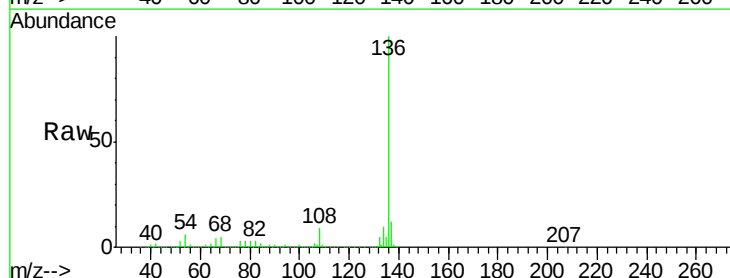
Ion Ratio Lower Upper

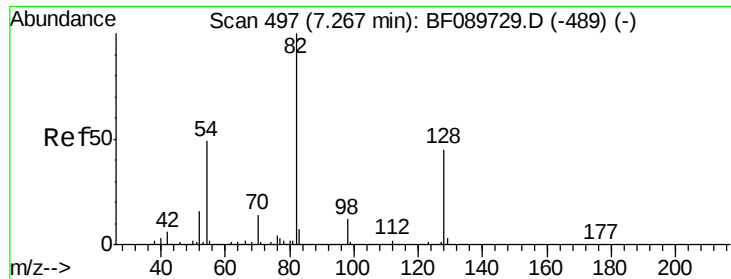
136 100

137 11.6 9.2 13.8

54 5.7 7.2 10.8#

68 5.1 5.8 8.8#

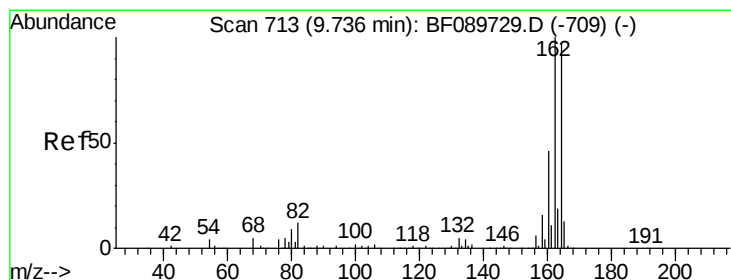
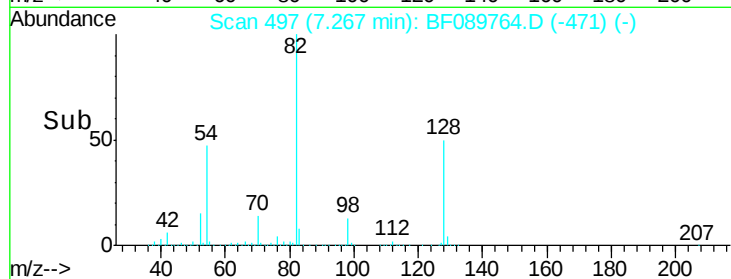
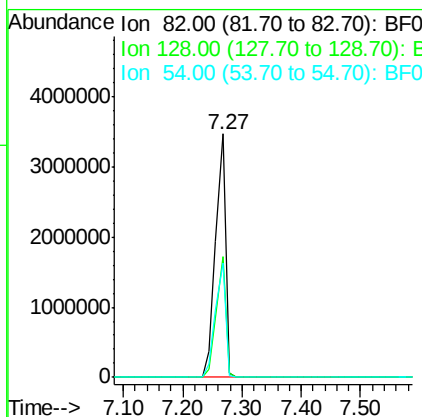
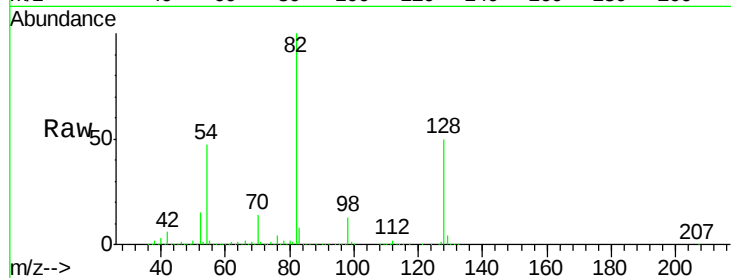




#23
Nitrobenzene-d5
Concen: 92.28 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

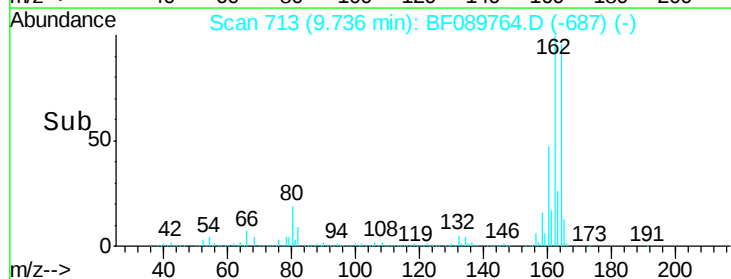
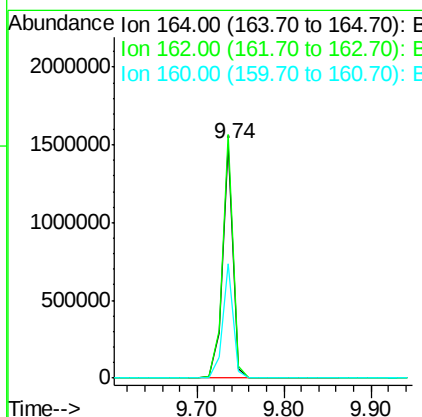
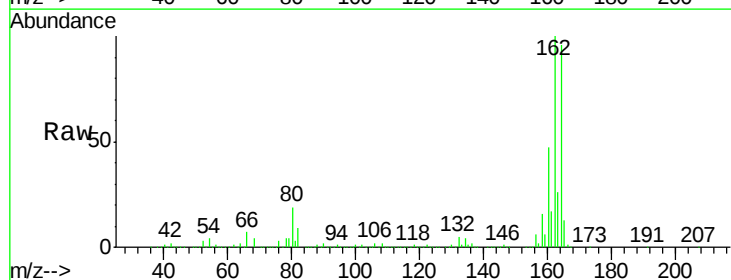
Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

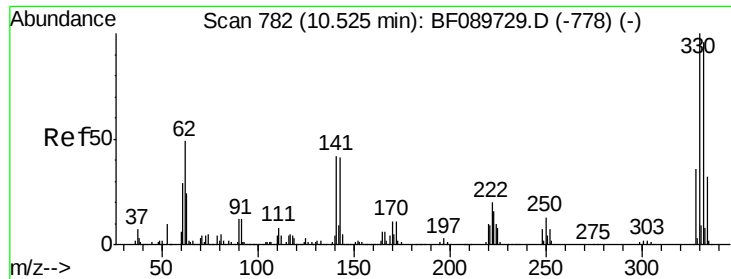
Tot Ion: 82 Resp: 4016653
Ion Ratio Lower Upper
82 100
128 49.7 34.4 51.6
54 47.1 40.3 60.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Tgt Ion:164 Resp: 1285779
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.2
160 48.7 37.8 56.6

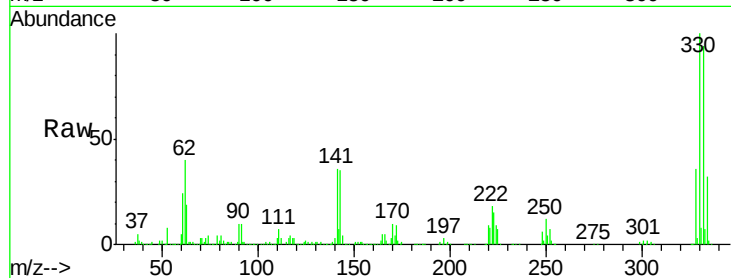




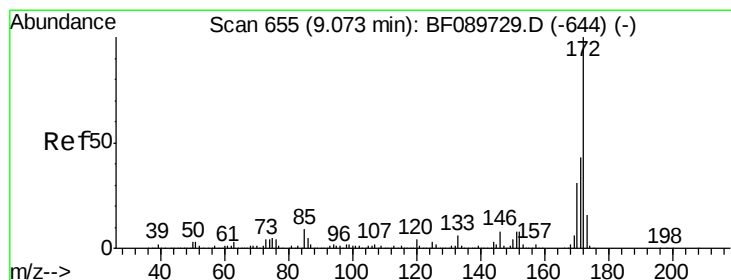
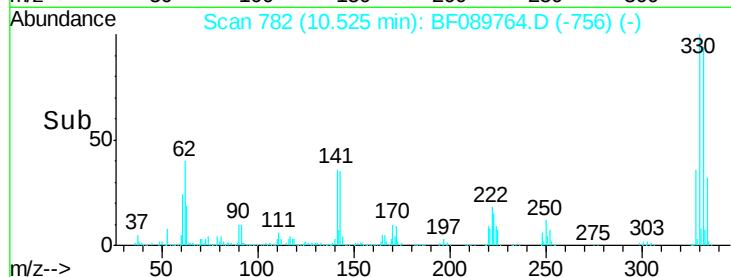
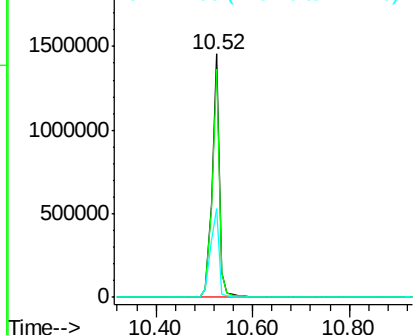
#41
 2,4,6-Tribromophenol
 Concen: 126.92 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089764.D
 Acq: 17 Aug 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Tot Ion:330 Resp: 1578709
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 42.1 30.2 45.2

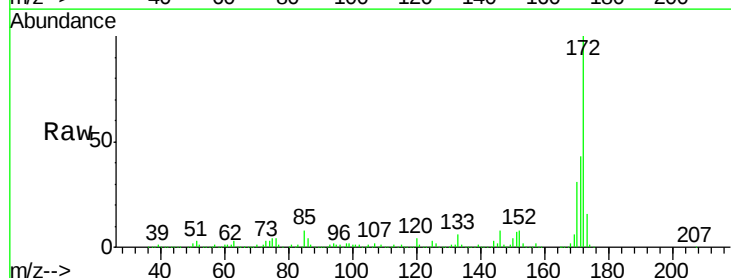


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

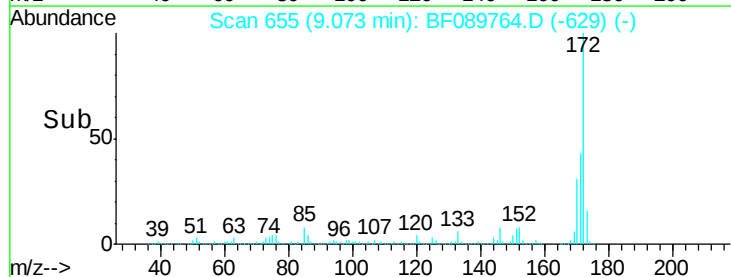
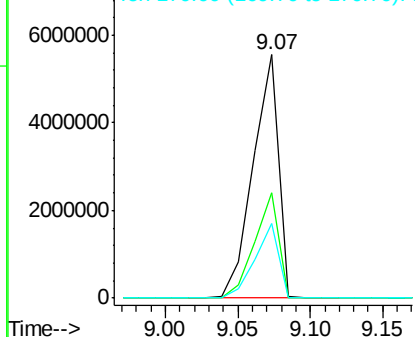


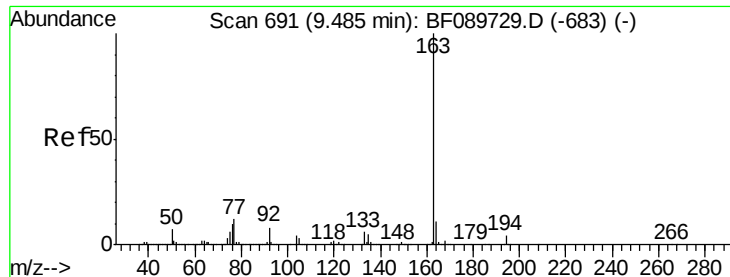
#44
 2-Fluorobiphenyl
 Concen: 84.11 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089764.D
 Acq: 17 Aug 2016 15:49

Tgt Ion:172 Resp: 6739720
 Ion Ratio Lower Upper
 172 100
 171 43.1 30.5 45.7
 170 30.6 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: 4.39 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

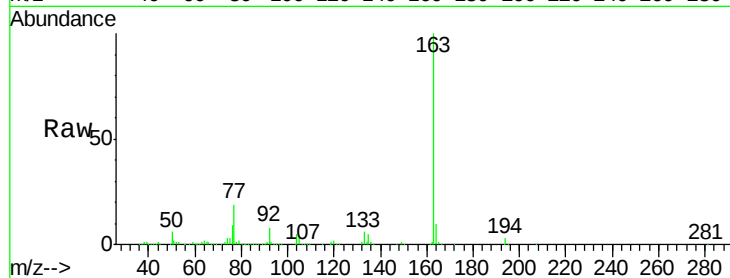
Tot Ion:163 Resp: 408711

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

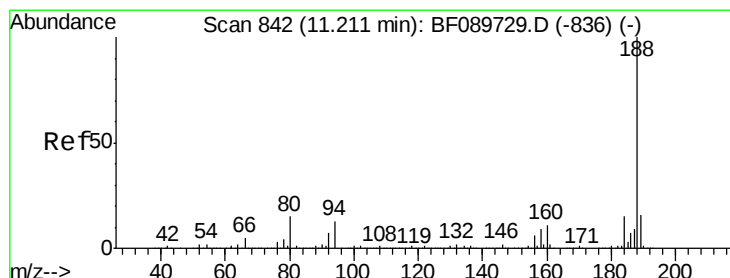
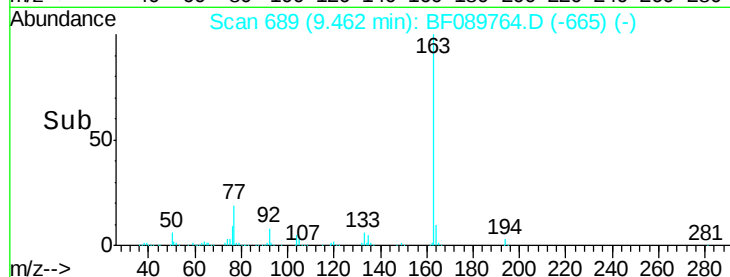
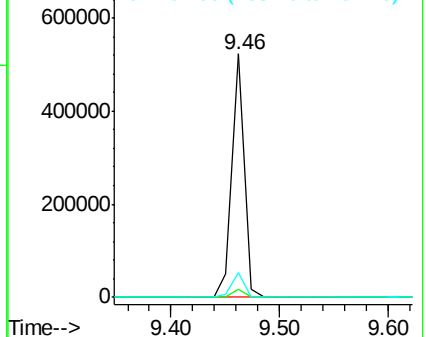
164 9.9 8.6 12.8



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: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

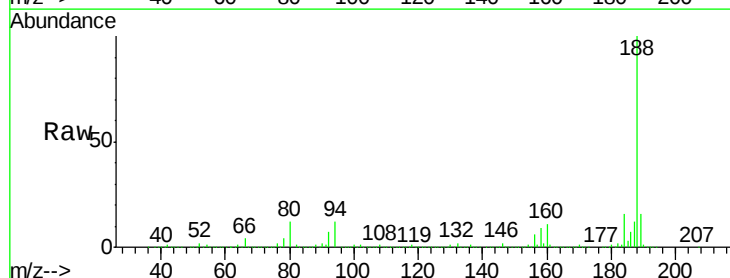
Tgt Ion:188 Resp: 2228898

Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.2

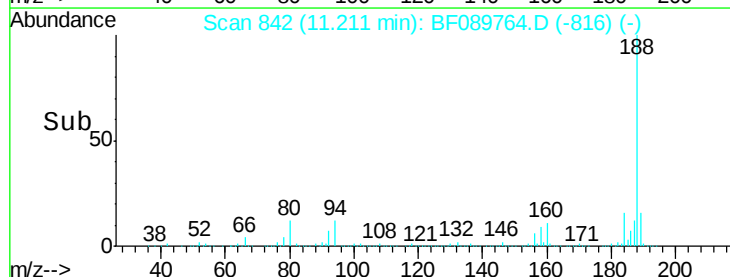
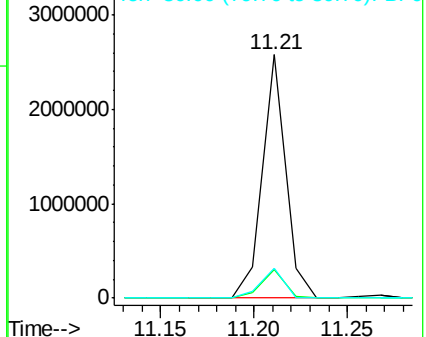
80 12.3 10.9 16.3

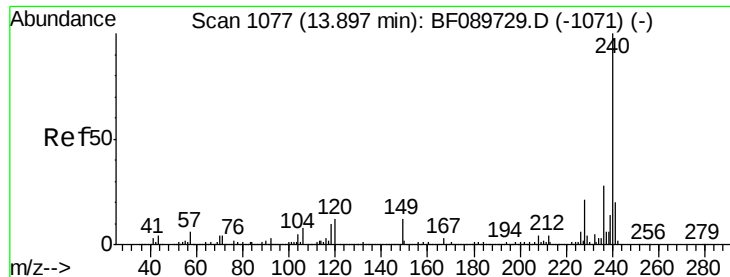


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

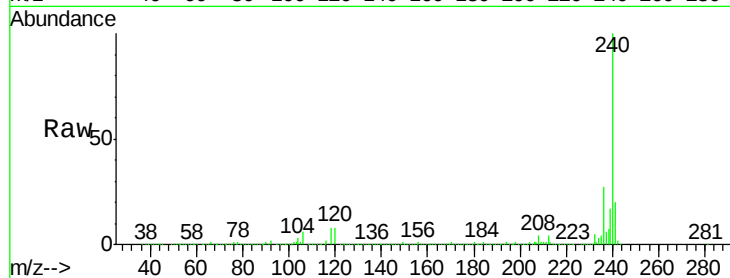
Tot Ion:240 Resp: 1983265

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.3	12.5
236	26.6	21.3	31.9

240 100

120 8.3 8.3 12.5

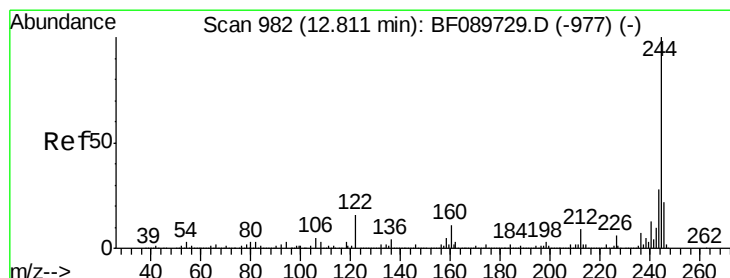
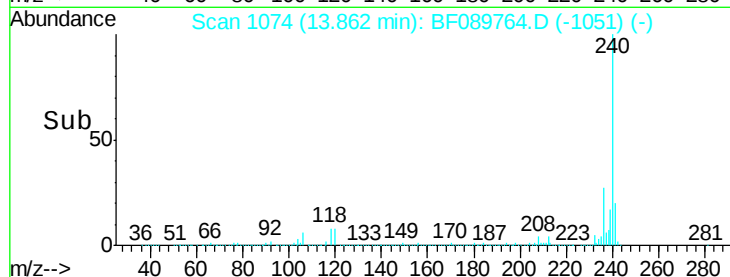
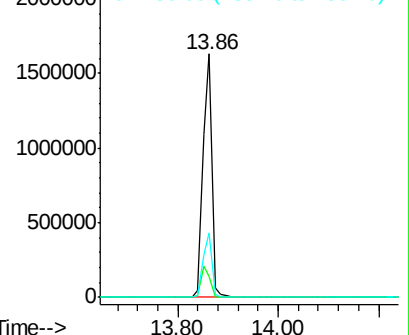
236 26.6 21.3 31.9



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: 85.46 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

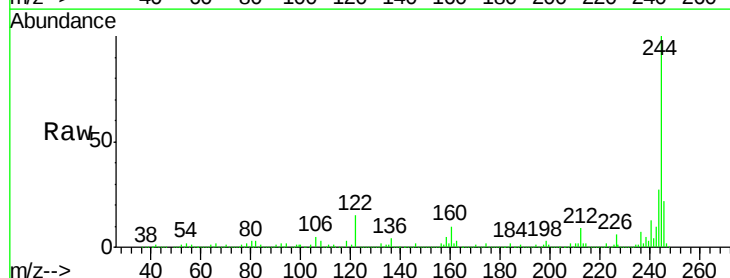
Tgt Ion:244 Resp: 5673486

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.3	9.5
122	15.1	12.0	18.0

244 100

212 9.4 6.3 9.5

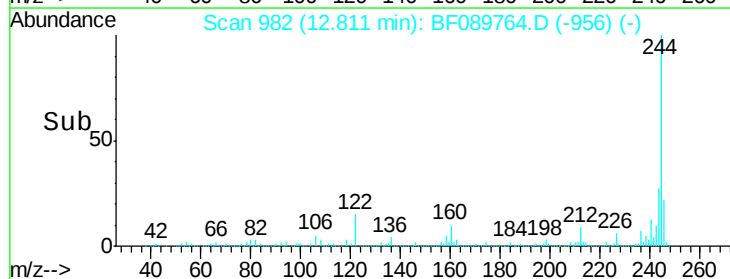
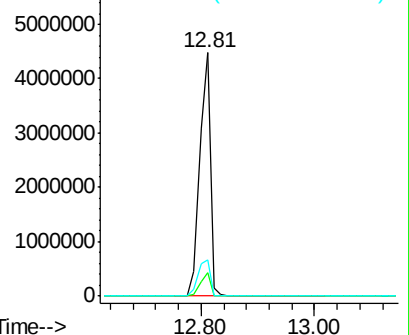
122 15.1 12.0 18.0

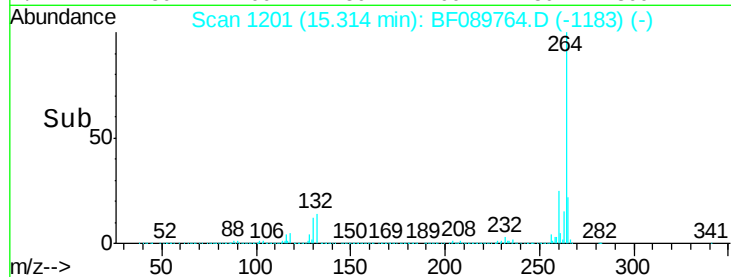
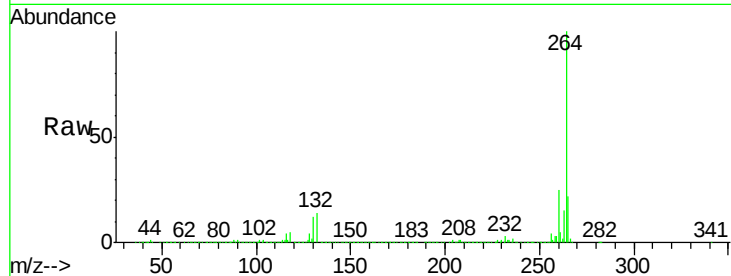
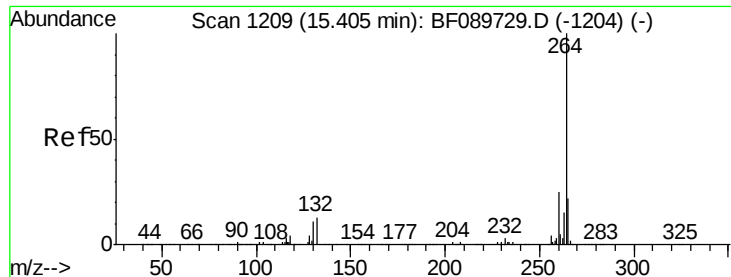


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.09 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

Tot Ion: 264 Resp: 1586310

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	22.1	17.4	26.2

