

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096289.D
 Acq On : 29 Jun 2017 14:02
 Operator : SJ/MA
 Sample : I3897-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11931

Quant Time: Jun 29 18:15:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

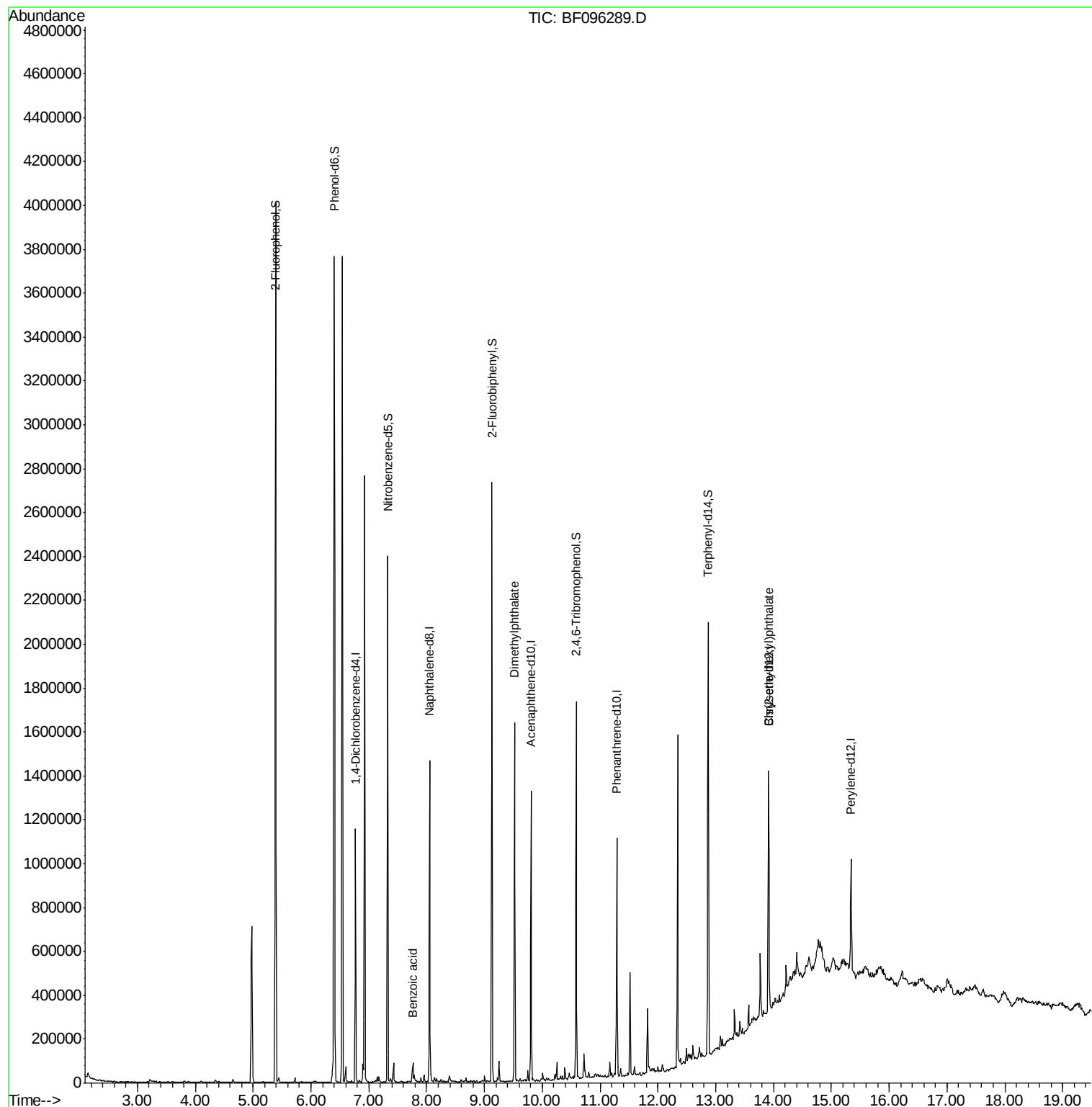
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	161416	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	645965	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	240347	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	357399	20.00	ng	0.00
75) Chrysene-d12	13.92	240	322675	20.00	ng	0.00
86) Perylene-d12	15.34	264	241178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1157811	103.34	ng	0.01
7) Phenol-d6	6.40	99	1388359	102.33	ng	0.01
23) Nitrobenzene-d5	7.33	82	752523	80.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	211268	111.69	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	827830	63.08	ng	-0.02
78) Terphenyl-d14	12.87	244	592075	45.79	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.76	122	22116	11.45	ng	95
49) Dimethylphthalate	9.52	163	618221	35.94	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	43442	3.29	ng	# 95

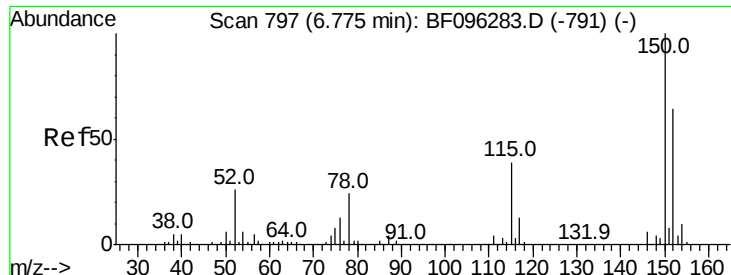
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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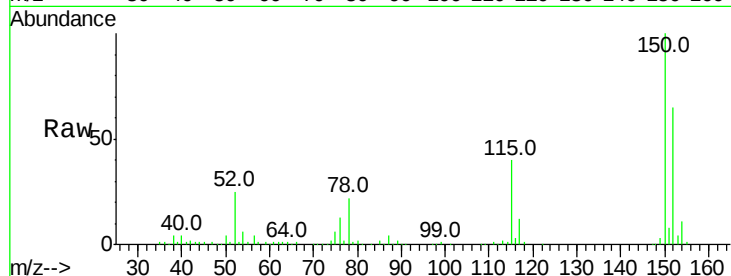


#1

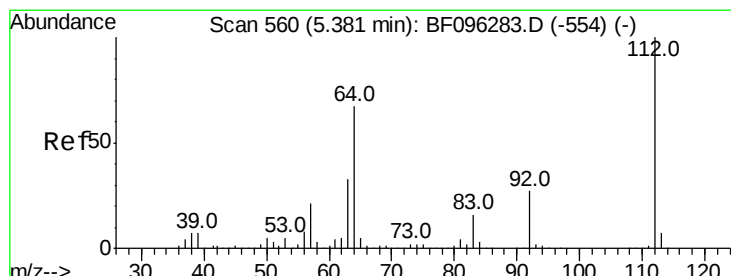
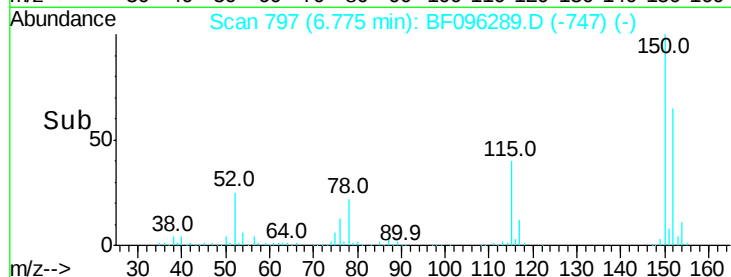
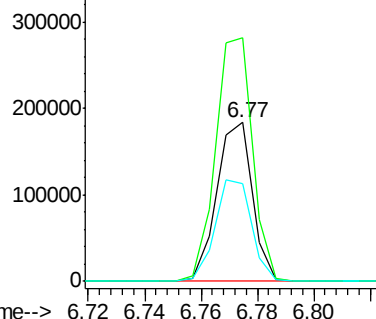
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Instrument :
BNA_F
ClientSampleId :
72-11931

Tot Ion:152 Resp: 161416
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 61.8 52.2 78.2



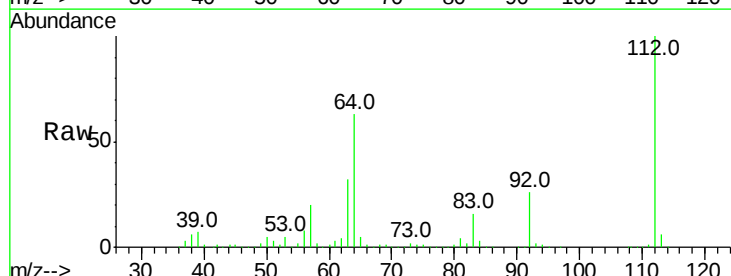
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



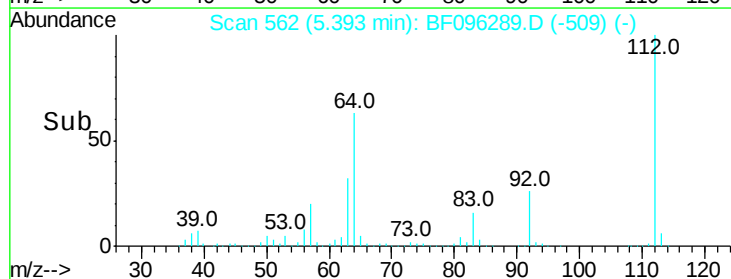
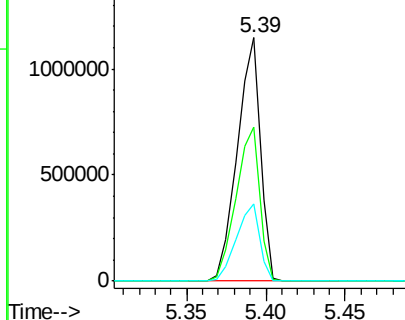
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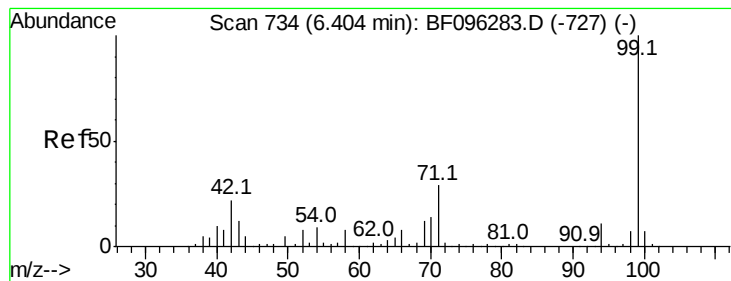
2-Fluorophenol
Concen: 103.34 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Tgt Ion:112 Resp: 1157811
Ion Ratio Lower Upper
112 100
64 63.1 46.0 69.0
63 31.7 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: 102.33 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096289.D

Acq: 29 Jun 2017 14:02

Instrument :

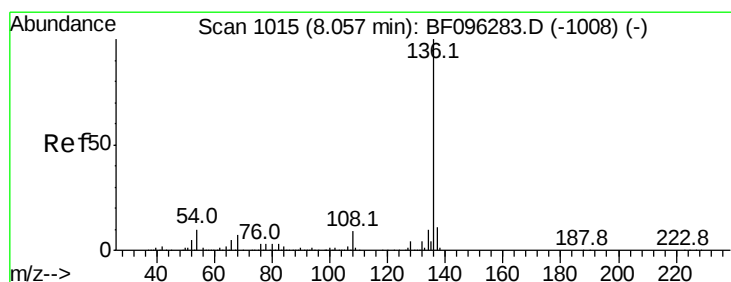
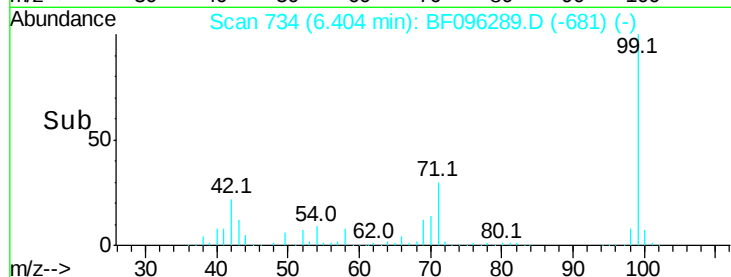
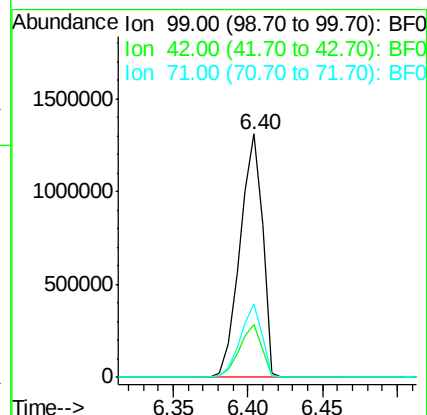
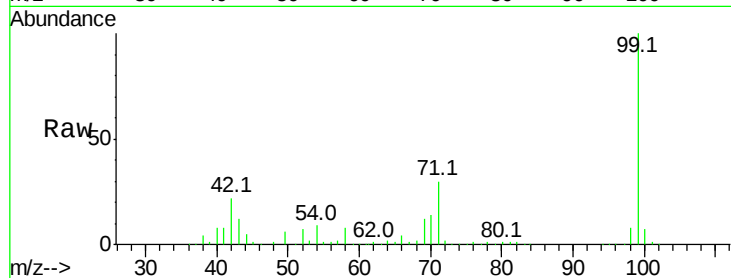
BNA_F

ClientSampleId :

72-11931

Tot Ion: 99 Resp: 1388359

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	30.0	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

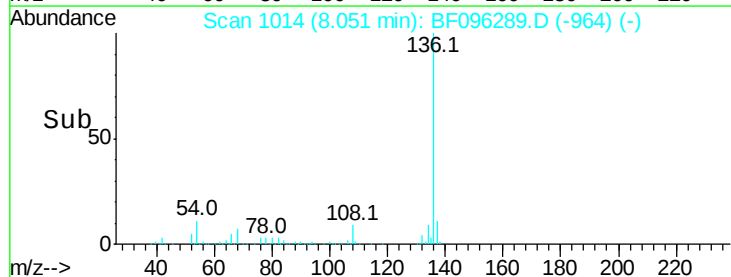
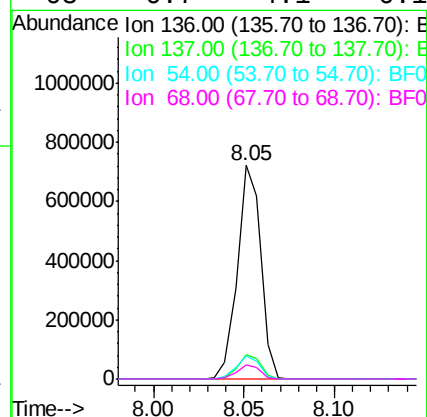
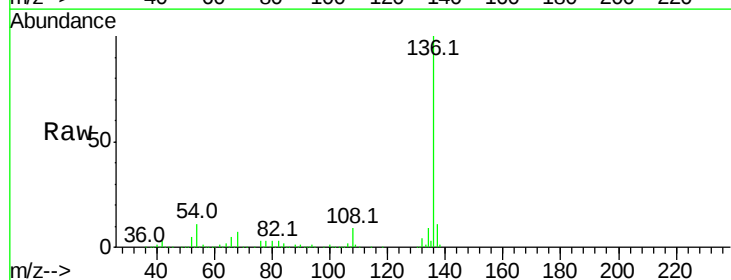
Delta R.T. -0.01 min

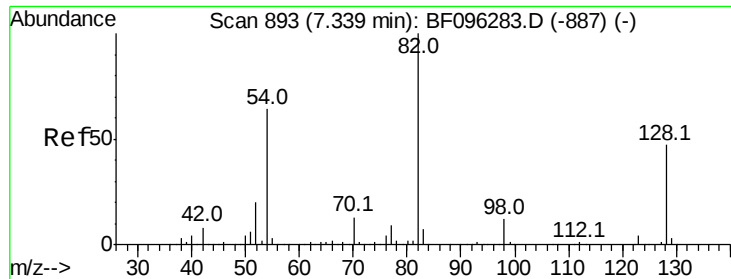
Lab File: BF096289.D

Acq: 29 Jun 2017 14:02

Tgt Ion: 136 Resp: 645965

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.9	4.9	7.3#
68	6.7	4.1	6.1#

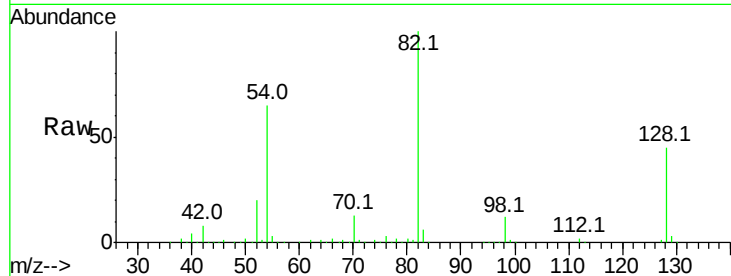




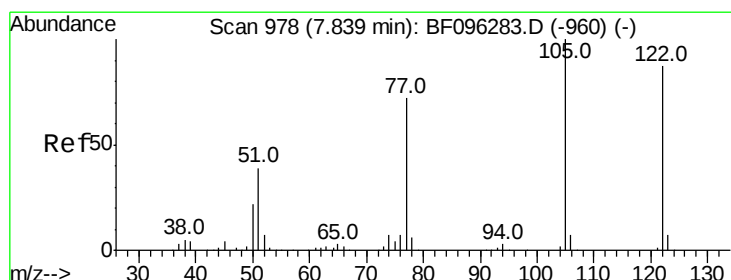
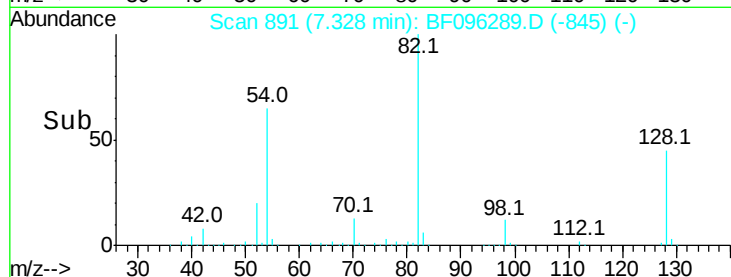
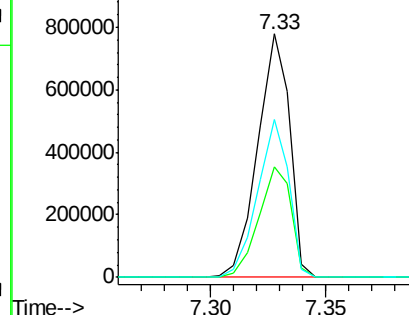
#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Instrument :
BNA_F
ClientSampleId :
72-11931

Tot Ion: 82 Resp: 752523
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 65.0 42.2 63.2#

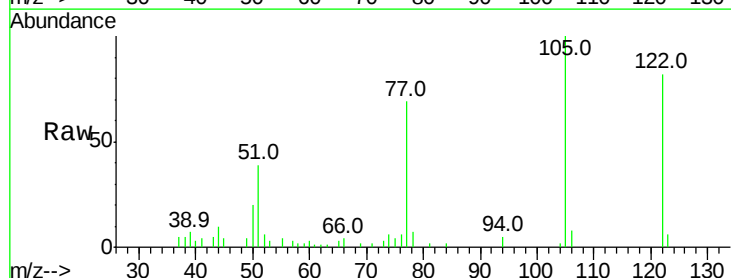


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

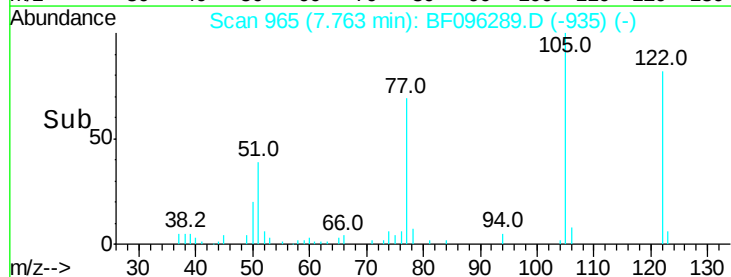
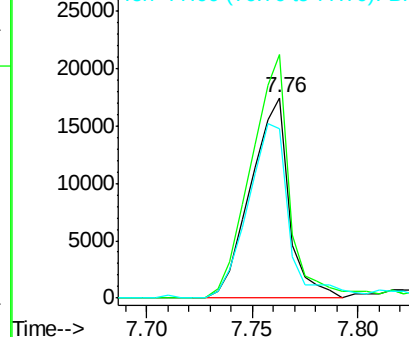


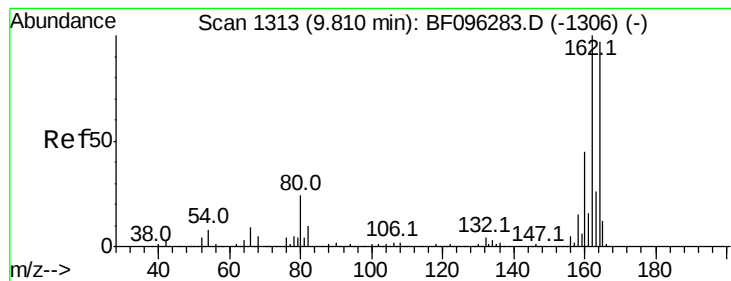
#32
Benzoic acid
Concen: 11.45 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.12 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Tgt Ion:122 Resp: 22116
Ion Ratio Lower Upper
122 100
105 121.3 103.3 143.3
77 84.1 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096289.D

Acq: 29 Jun 2017 14:02

Instrument :

BNA_F

ClientSampleId :

72-11931

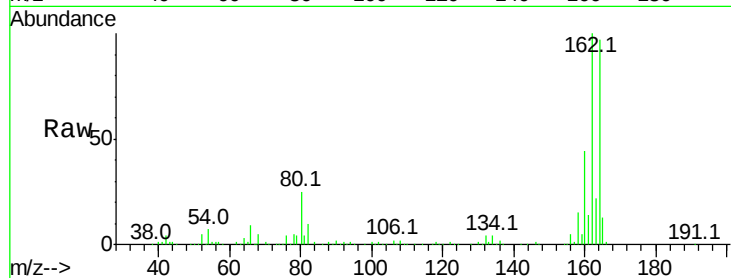
Tot Ion:164 Resp: 240347

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

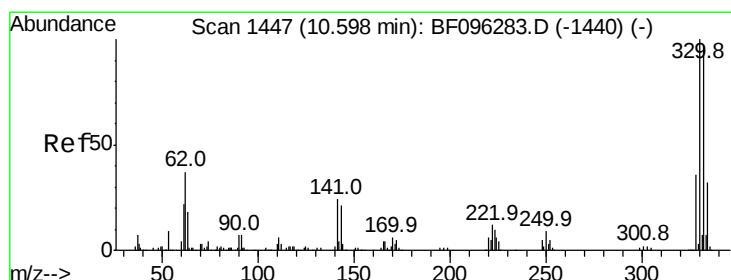
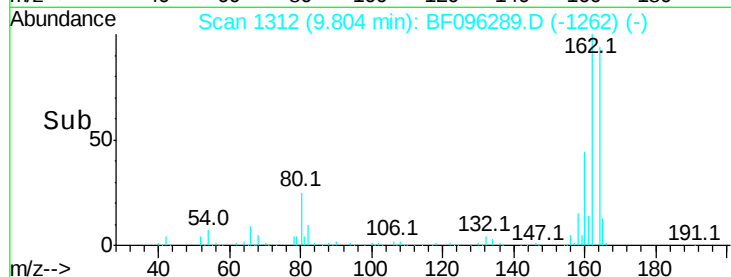
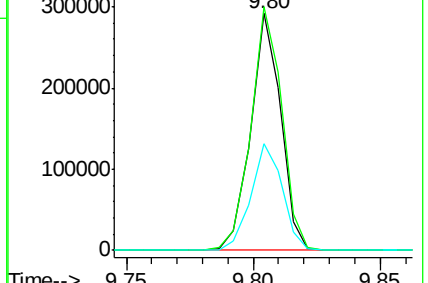
160 45.1 36.2 54.2



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: 111.69 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096289.D

Acq: 29 Jun 2017 14:02

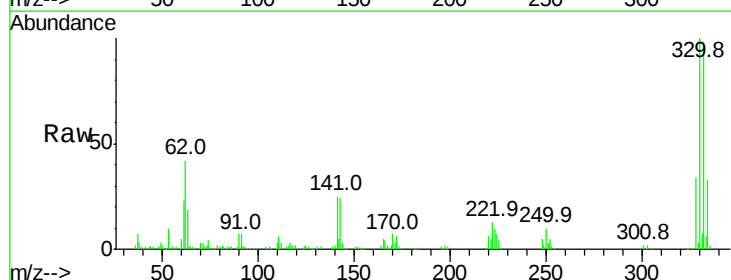
Tgt Ion:330 Resp: 211268

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

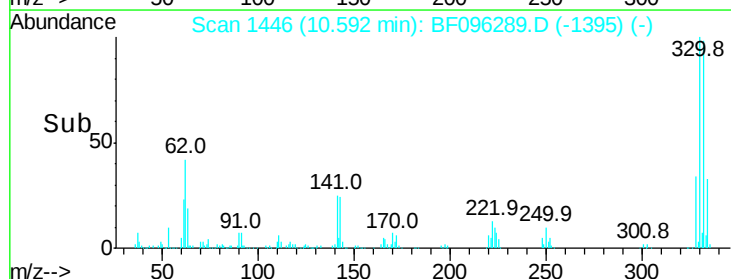
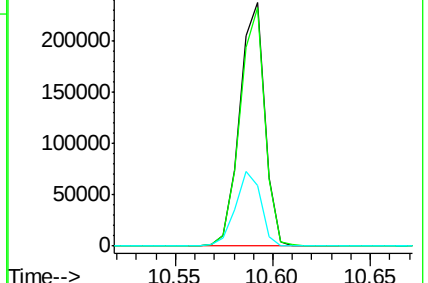
141 30.9 31.4 47.2#

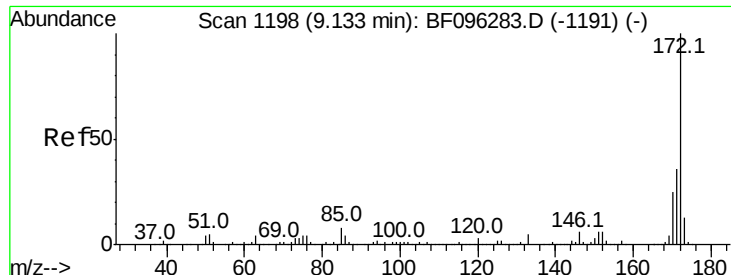


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

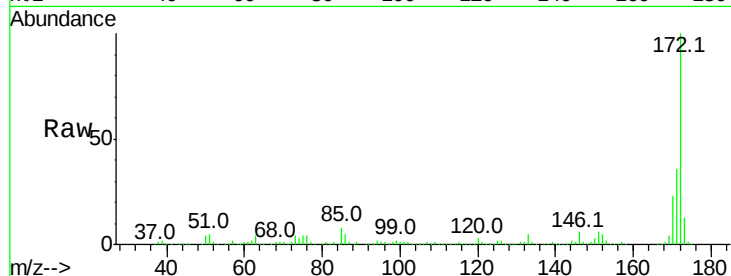




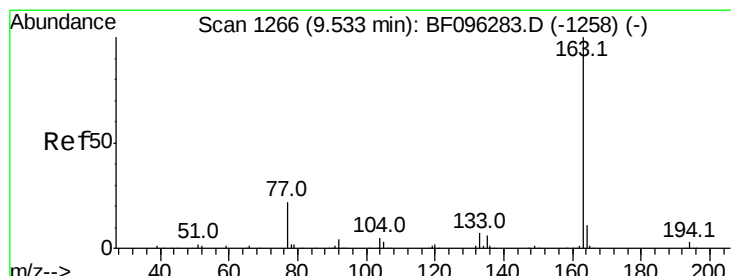
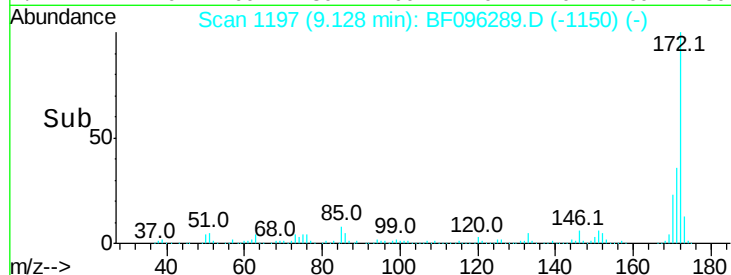
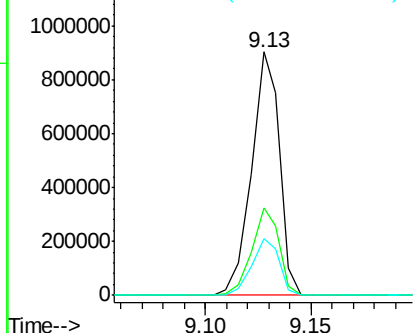
#44
 2-Fluorobiphenyl
 Concen: 63.08 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096289.D
 Acq: 29 Jun 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 72-11931

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8

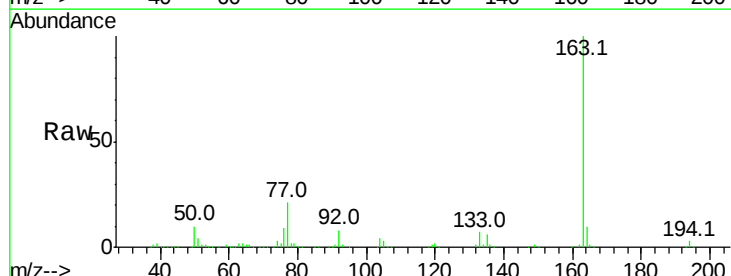


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

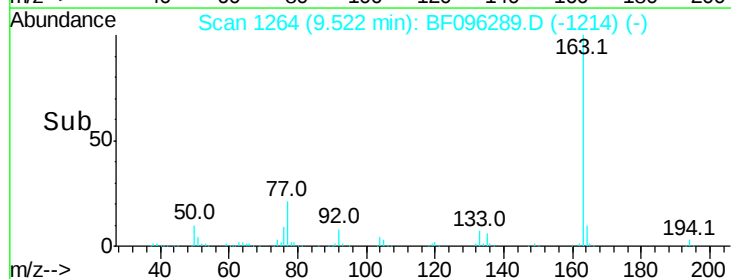
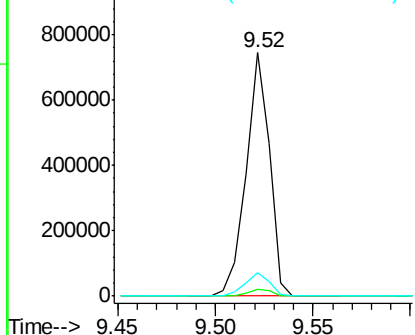


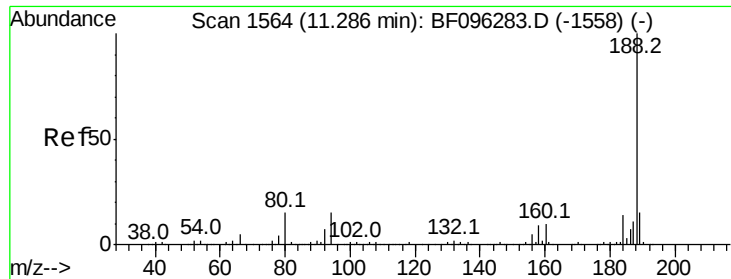
#49
 Dimethylphthalate
 Concen: 35.94 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF096289.D
 Acq: 29 Jun 2017 14:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6



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

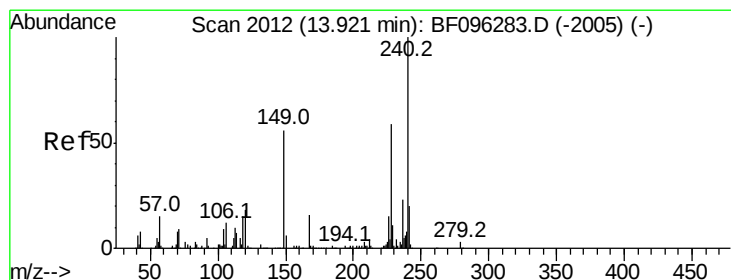
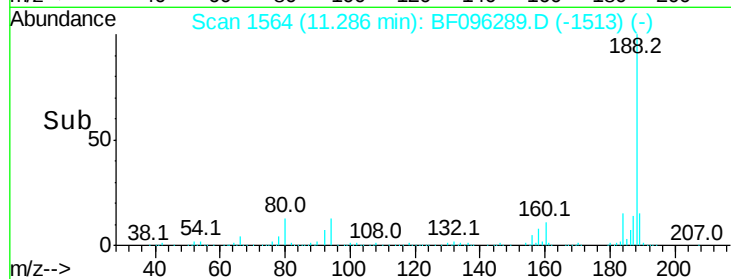
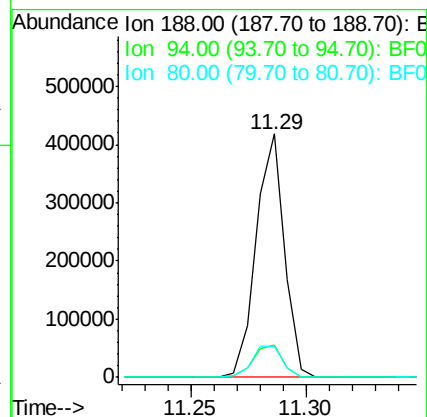
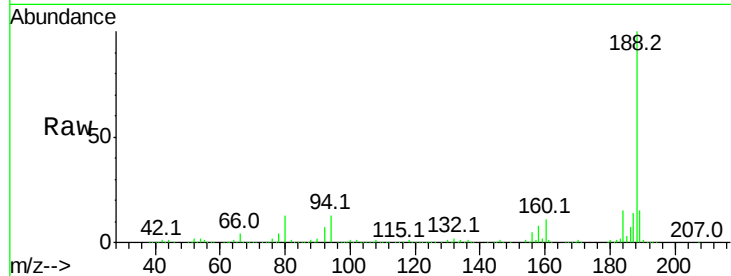




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

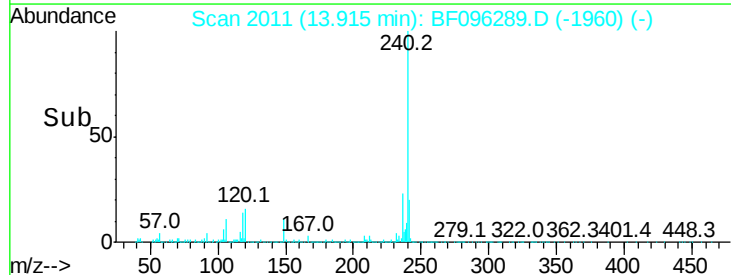
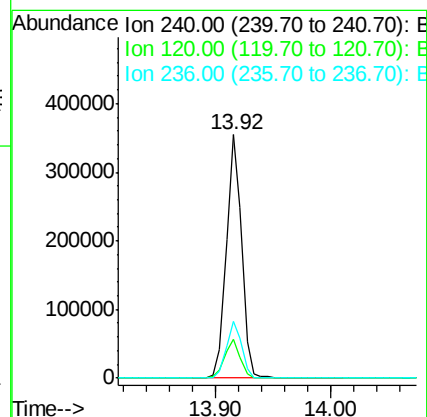
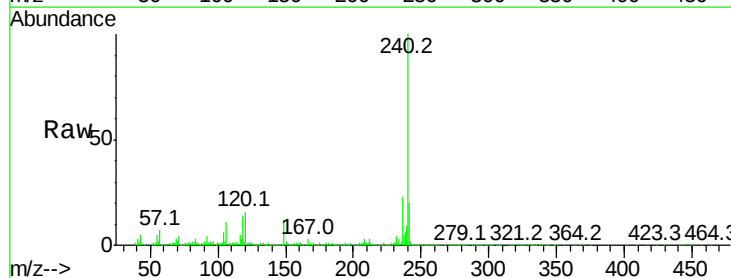
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BNA_F
ClientSampled :
72-11931

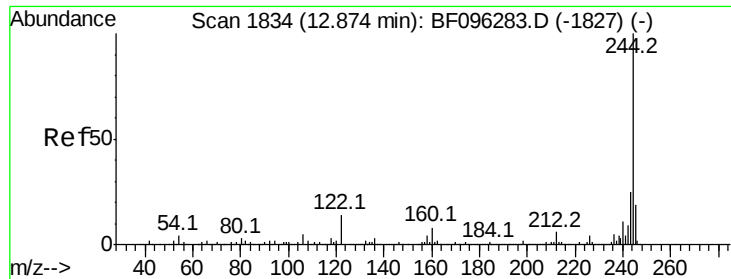
Tot Ion:188 Resp: 357399
Ion Ratio Lower Upper
188 100
94 13.4 9.4 14.2
80 13.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Tgt Ion:240 Resp: 322675
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 23.4 20.5 30.7

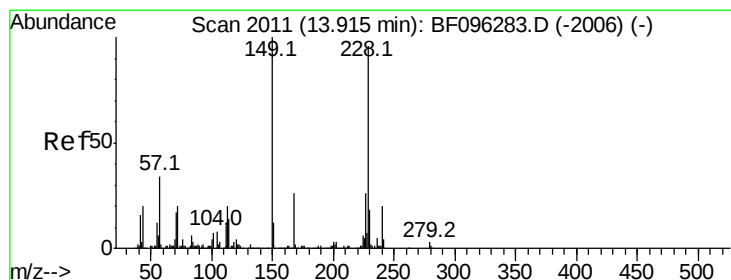
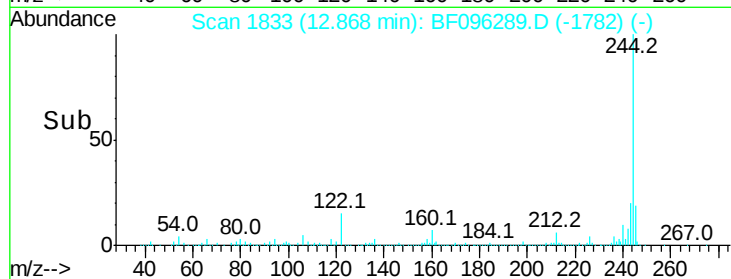
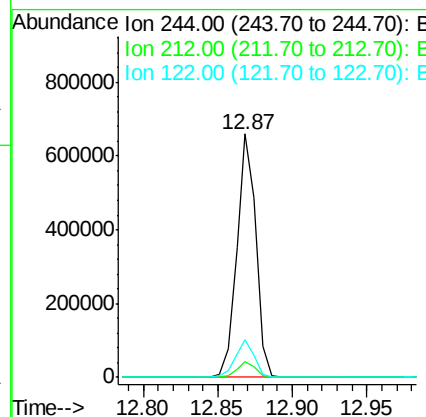
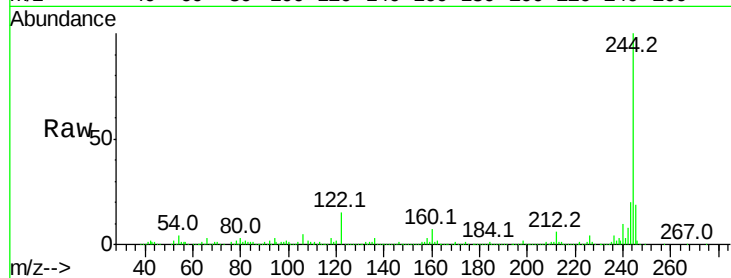




#78
 Terphenyl-d14
 Concen: 45.79 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096289.D
 Acq: 29 Jun 2017 14:02

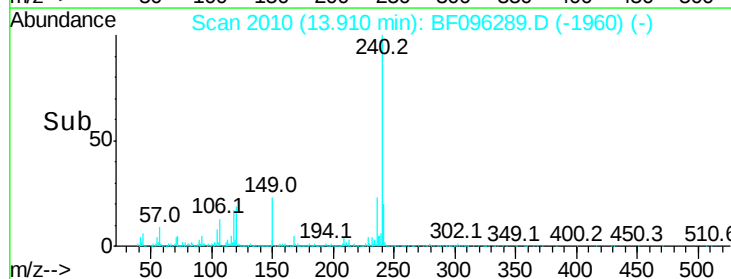
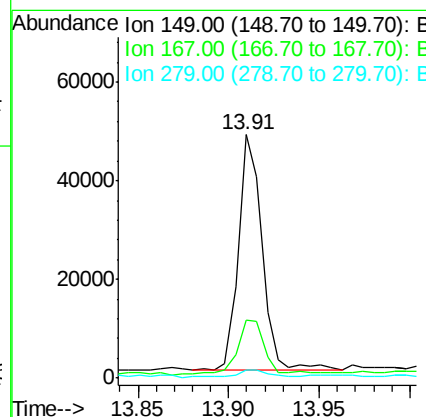
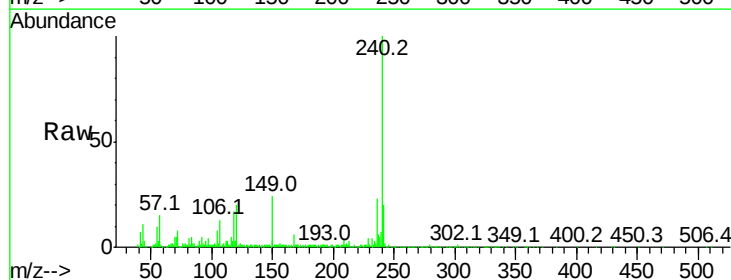
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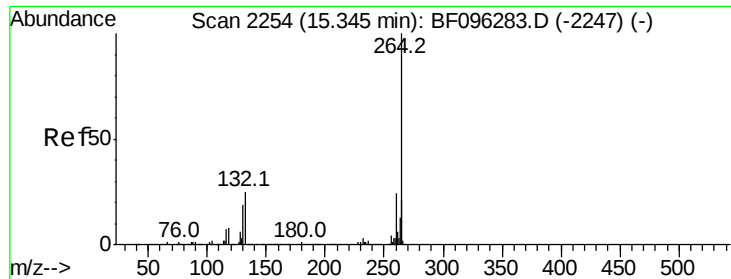
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	15.4	10.3	15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.29 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF096289.D
 Acq: 29 Jun 2017 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.0	31.4
279	3.2	1.9	2.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096289.D
Acq: 29 Jun 2017 14:02

Instrument :
BNA_F
ClientSampleId :
72-11931

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

