Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088259.D
Acq On : 22 Jun 2016 19:49
Operator : UM/SJ
Sample : H3578-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 23 02:27:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	72082	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	324488	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	158449	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	280501	20.00	ng		0.00
75) Chrysene-d12	13.75	240	229417	20.00	ng		0.00
86) Perylene-d12	15.11	264	166011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	462301	109.64	ng		0.01
7) Phenol-d6	6.26	99	657916	128.75	ng		0.00
23) Nitrobenzene-d5	7.18	82	388767	69.96	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	136767	81.75	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	744587	73.04	ng		0.00
78) Terphenyl-d14	12.70	244	614064	60.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.27	94	3085	Below Cal		#	24
19) n-Nitroso-di-n-propylamine	7.18	70	49484	15.14	ng	#	68
25) Isophorone	7.18	82	388759	37.77	ng	#	65
45) 1,1'-Biphenyl	8.97	154	1509	Below Cal		#	1
49) Dimethylphthalate	9.37	163	67496	5.88	ng		98
56) 2,4-Dinitrotoluene	9.63	165	20329	6.02	ng	#	36
57) Fluorene	10.42	166	6649	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.42	198	235	2.29	ng	#	1
66) 4-Bromophenyl-phenylether	10.42	248	8420	2.80	ng	#	1

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

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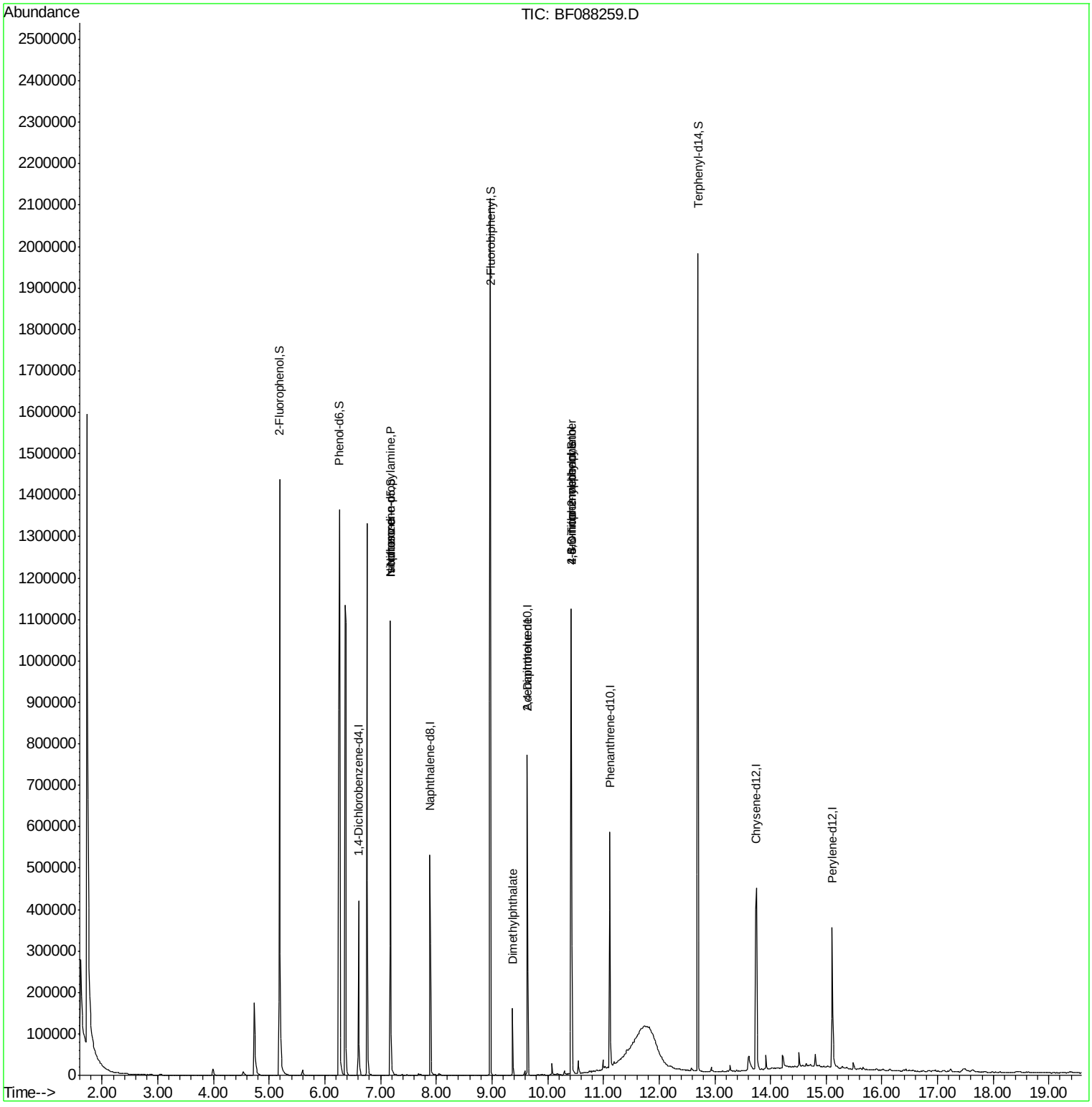
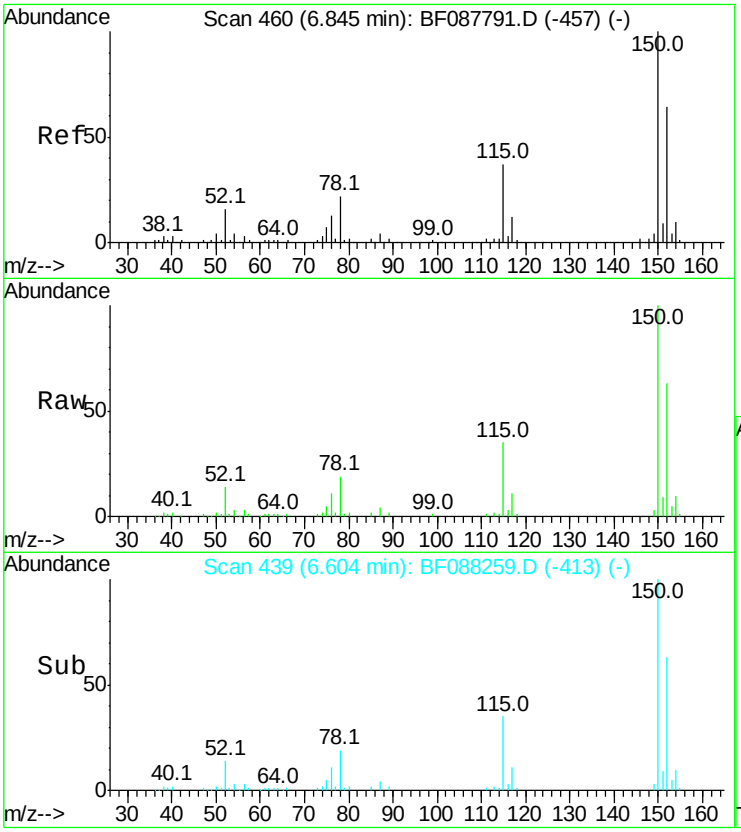


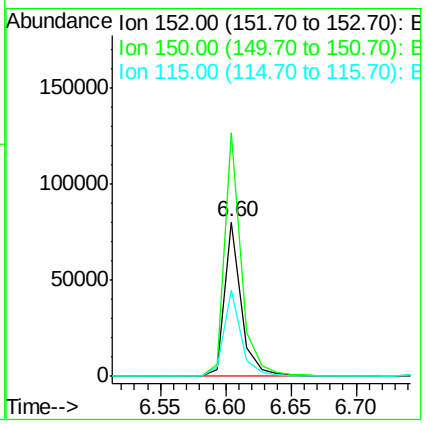


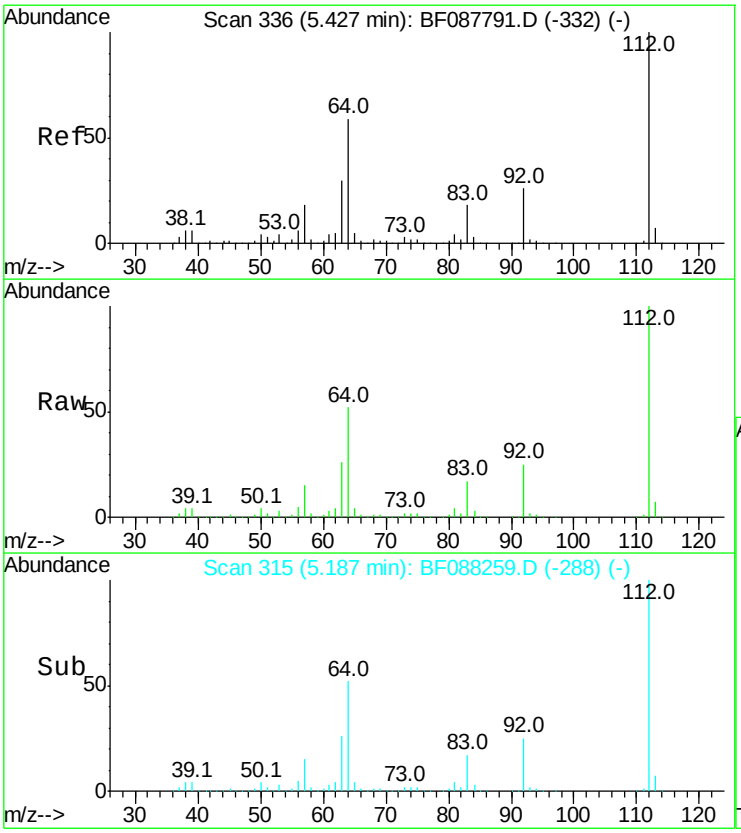
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72082

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	55.8	39.6	59.4

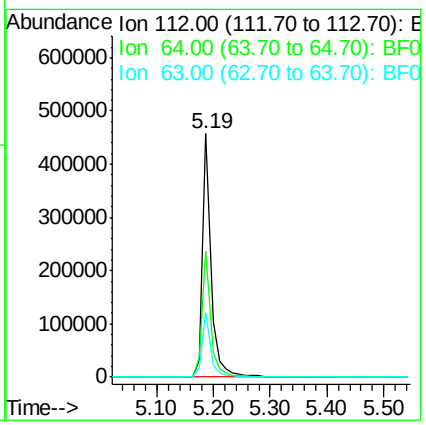


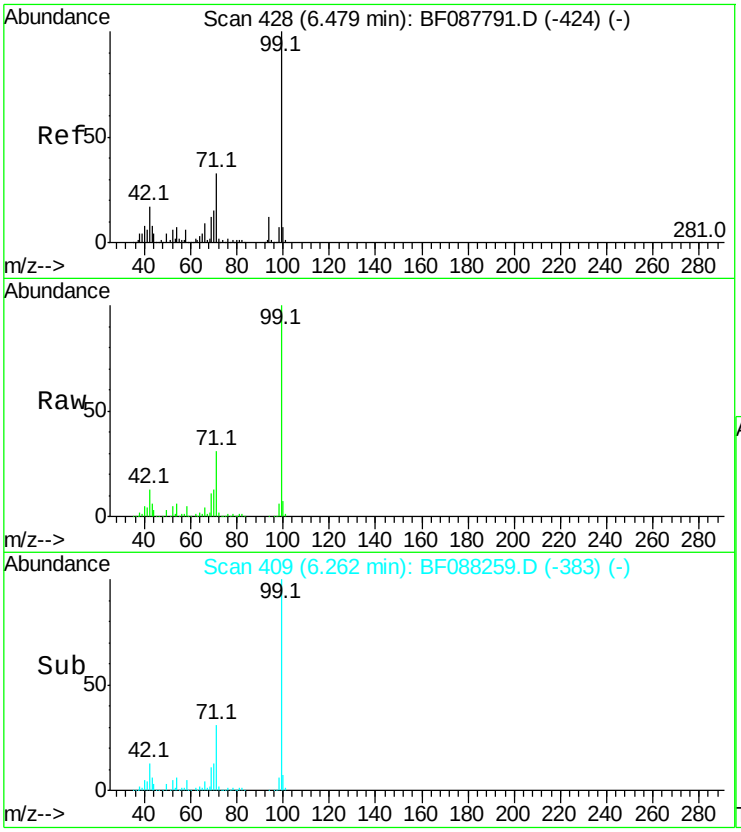


#5
2-Fluorophenol
Concen: 109.64 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:112 Resp: 462301

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.2	63.2
63	26.3	21.8	32.8



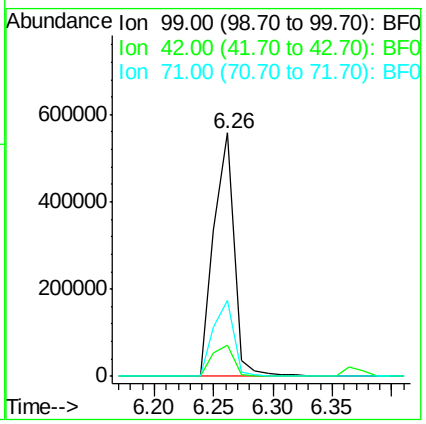


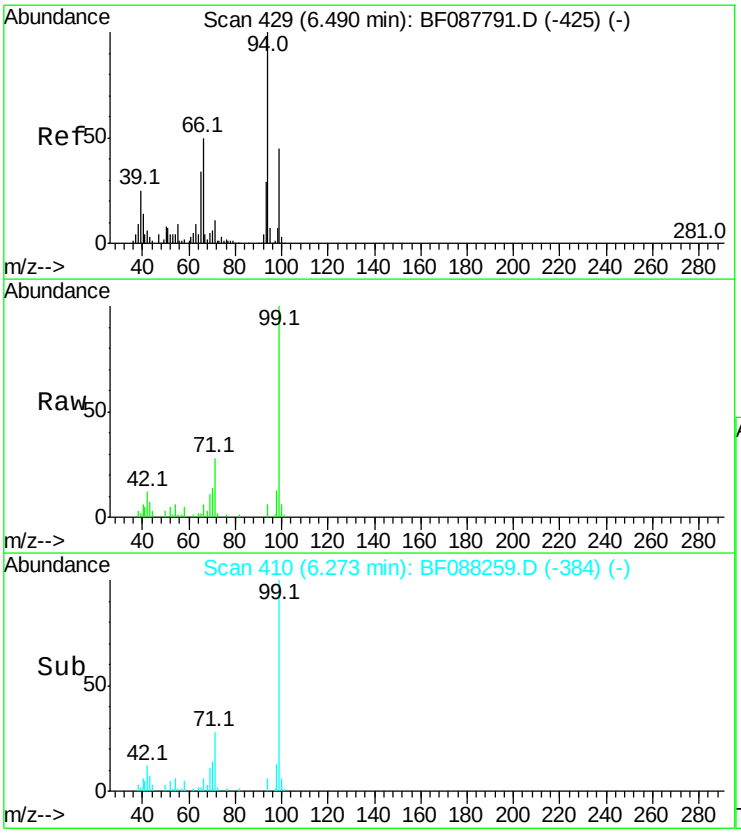
#7
Phenol-d6
Concen: 128.75 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 657916

Ion	Ratio	Lower	Upper
99	100		
42	12.8	12.2	18.2
71	31.1	23.4	35.0

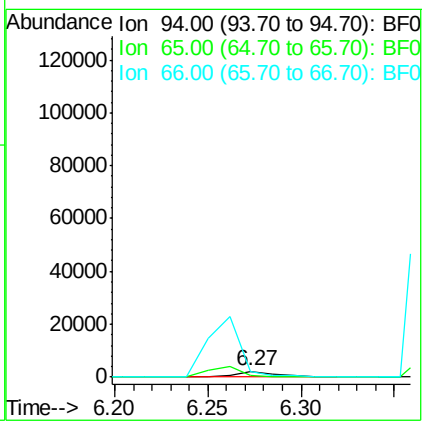


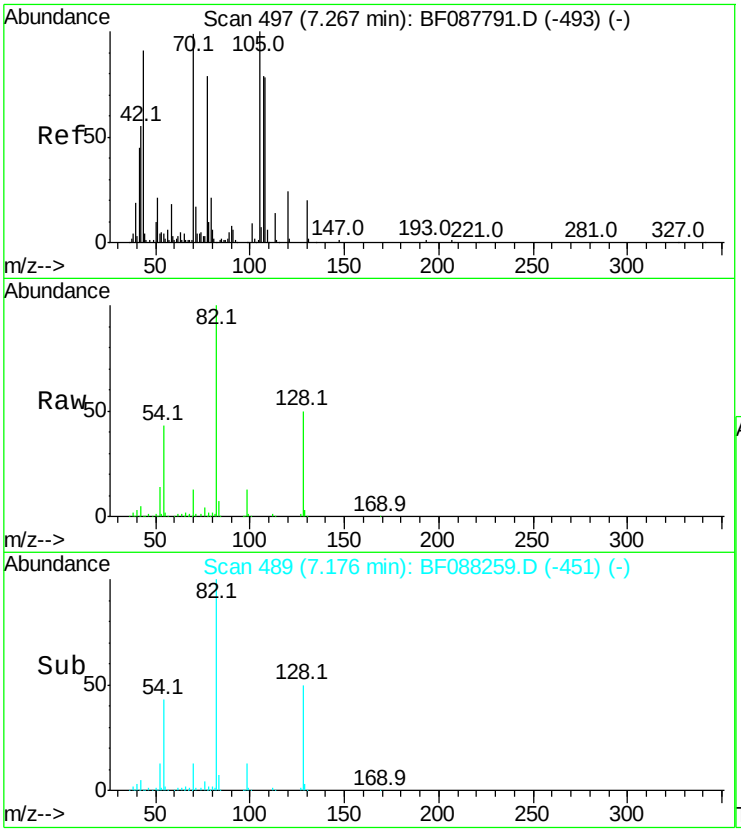


#10
Phenol
Concen: Below Cal
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion: 94 Resp: 3085

Ion	Ratio	Lower	Upper
94	100		
65	37.5	5.9	45.9
66	101.3	14.0	54.0#



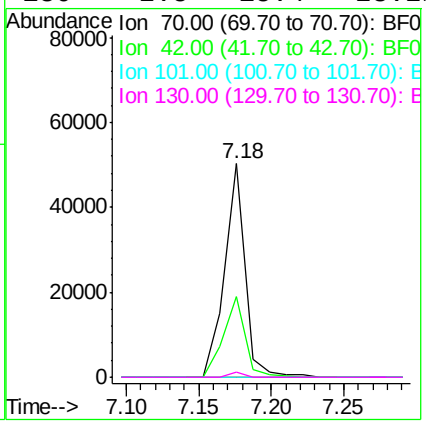


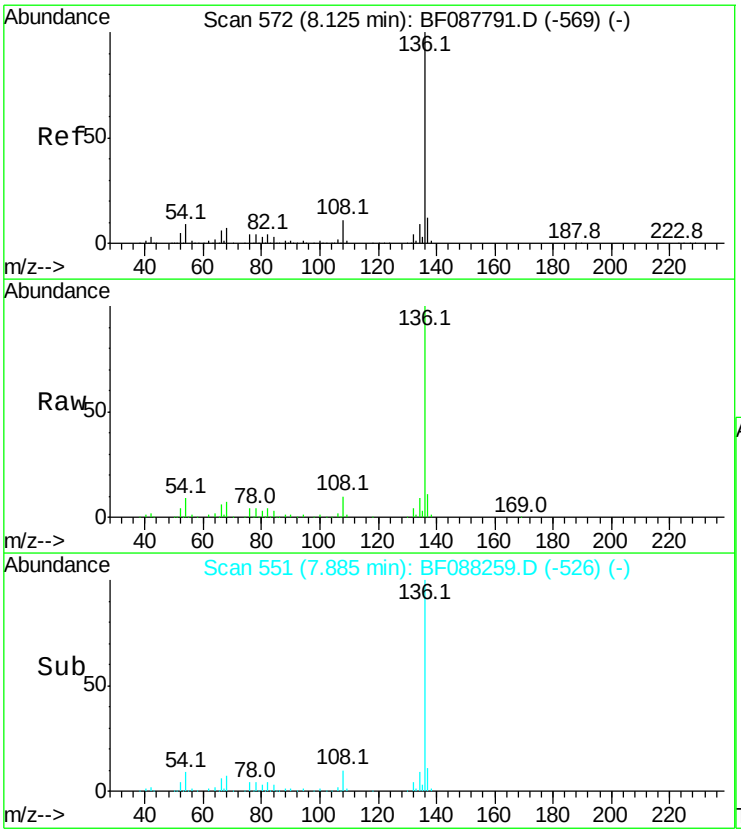
#19
n-Nitroso-di-n-propylamine
Concen: 15.14 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49484

Ion	Ratio	Lower	Upper
70	100		
42	37.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

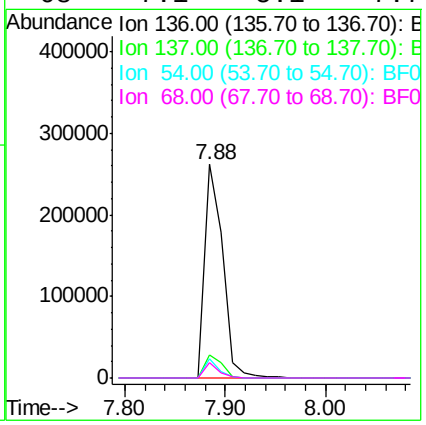


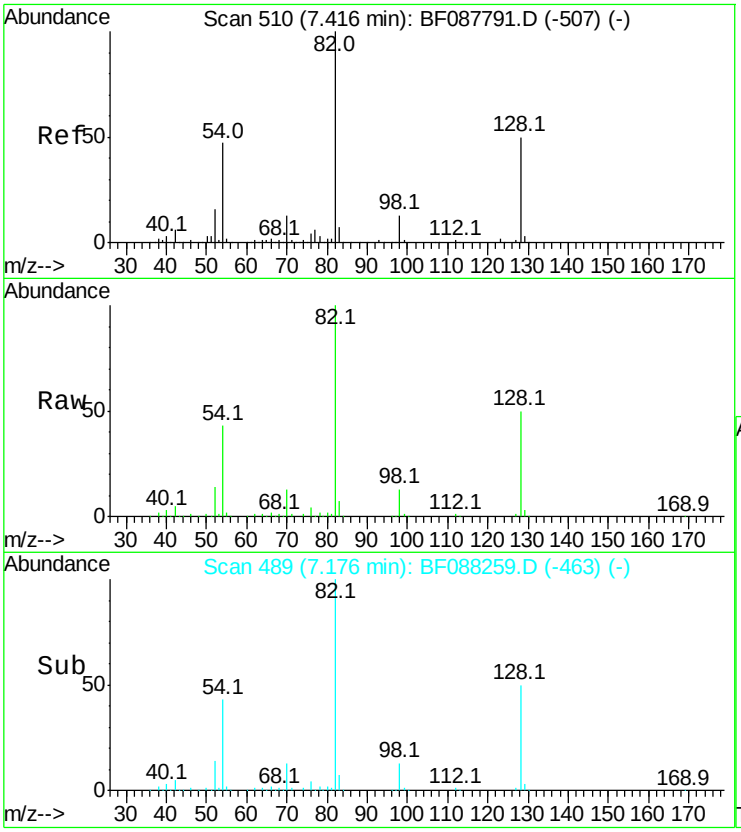


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:136 Resp: 324488

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.8	6.6	10.0
68	7.1	5.1	7.7



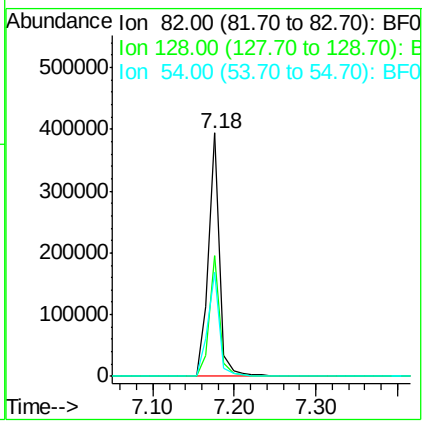


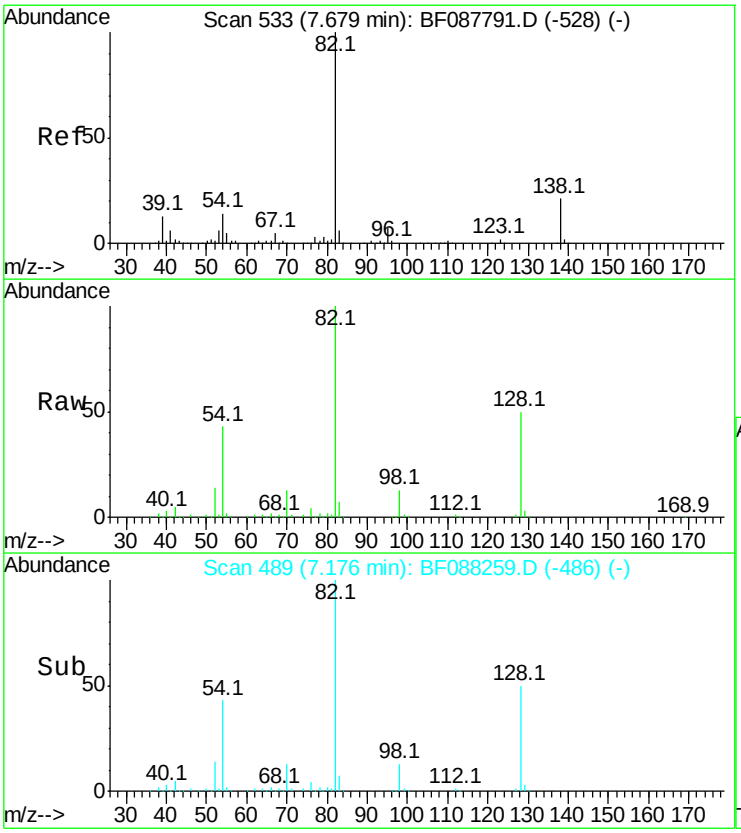
#23
Nitrobenzene-d5
Concen: 69.96 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 388767

Ion	Ratio	Lower	Upper
82	100		
128	49.7	35.9	53.9
54	43.0	40.9	61.3

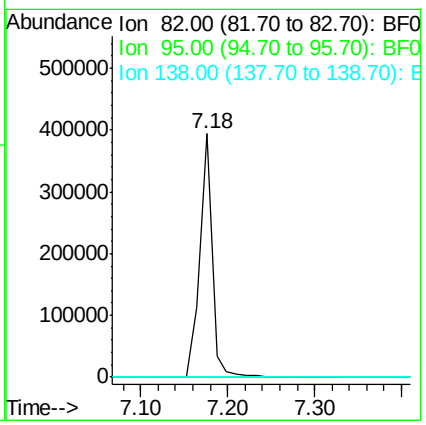


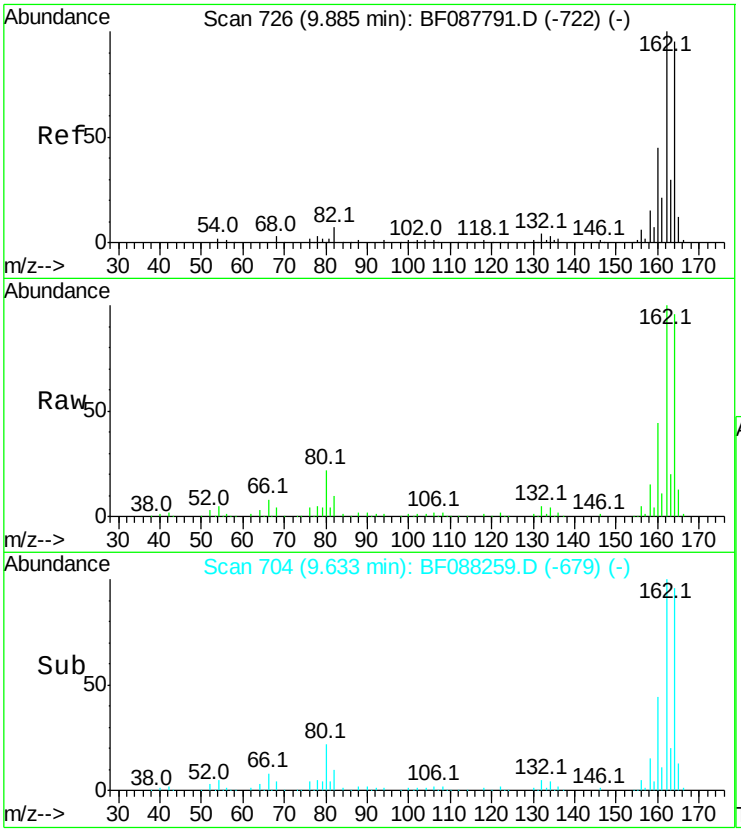


#25
Isophorone
Concen: 37.77 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion: 82 Resp: 388759

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



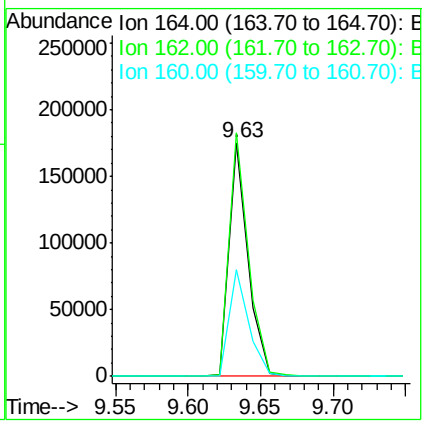


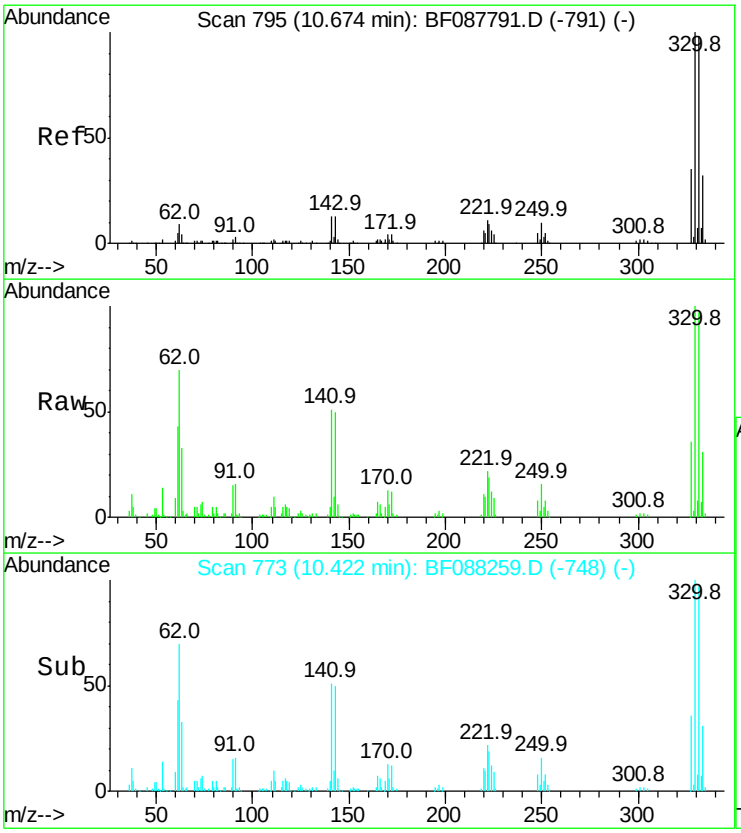
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 158449

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	45.9	39.5	59.3

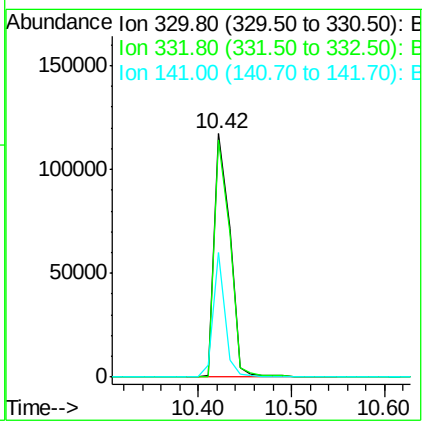


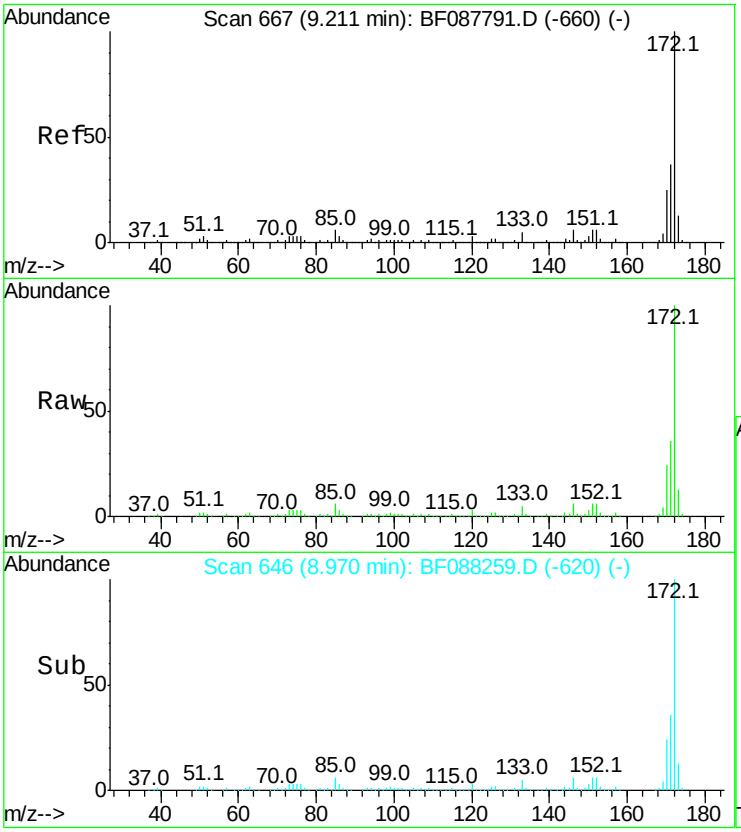


#41
2,4,6-Tribromophenol
Concen: 81.75 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:330 Resp: 136767

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.4	0.0	0.0#



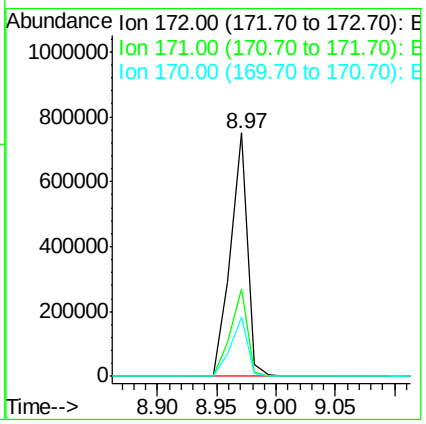


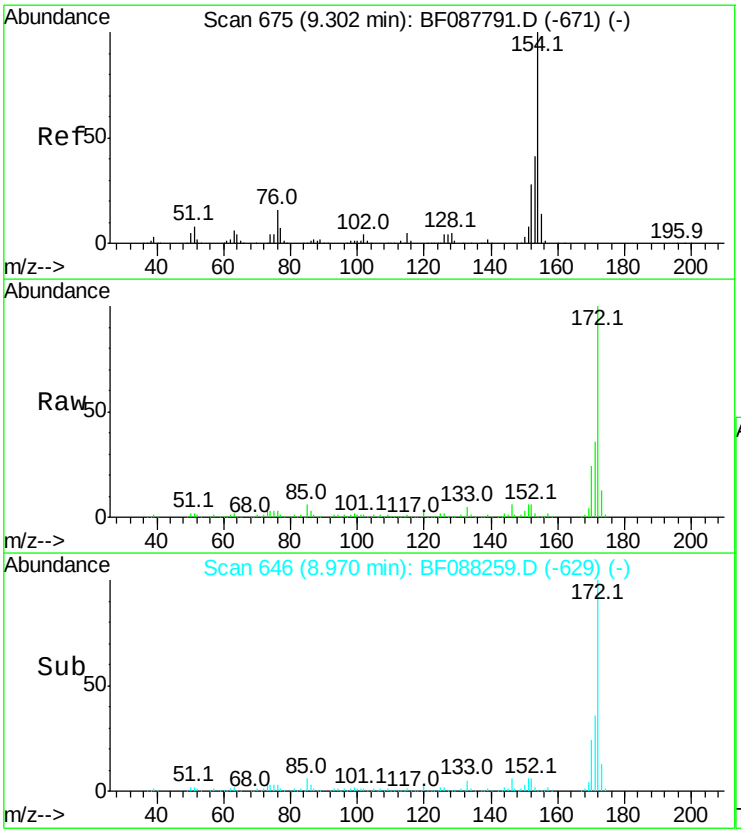
#44
2-Fluorobiphenyl
Concen: 73.04 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 744587

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.2	28.8

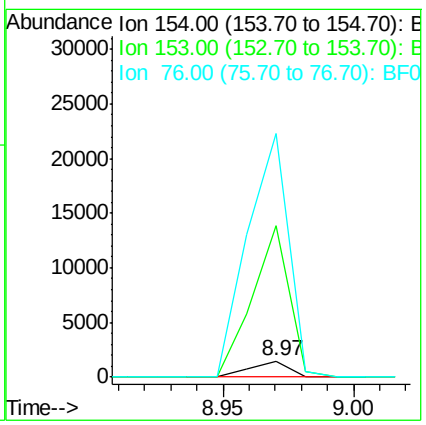


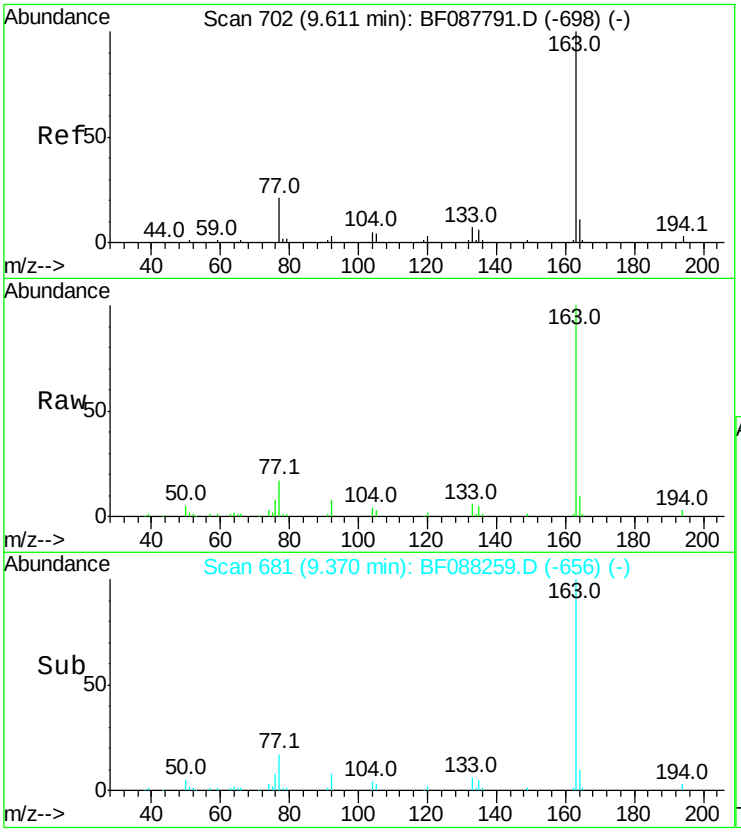


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:154 Resp: 1509

Ion	Ratio	Lower	Upper
154	100		
153	926.4	20.6	60.6#
76	1488.3	0.0	35.1#



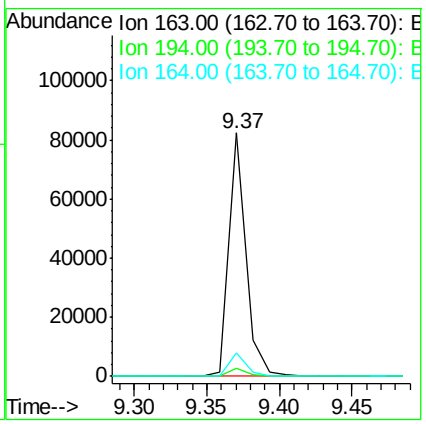


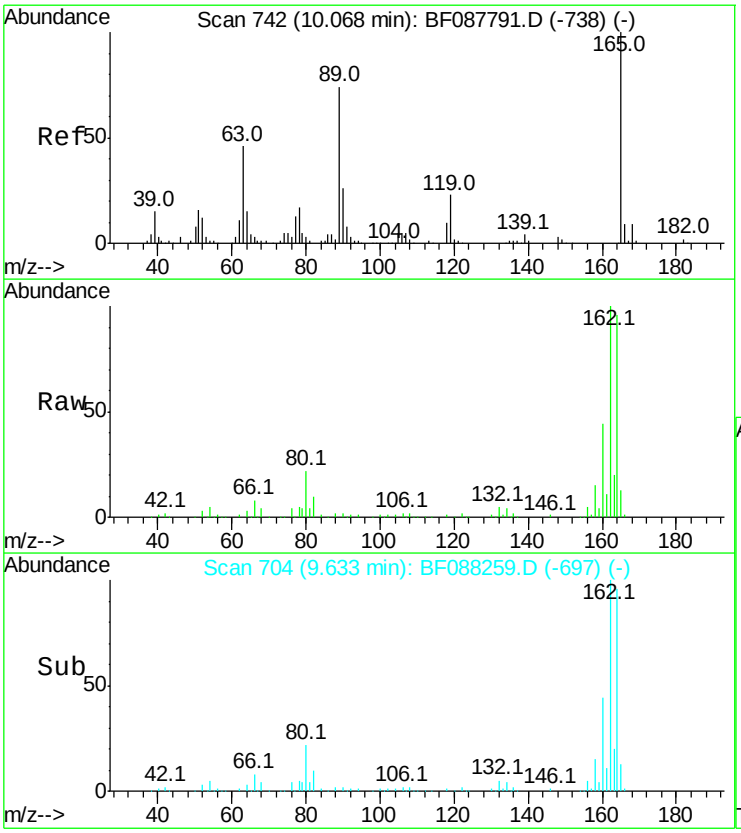
#49
Dimethylphthalate
Concen: 5.88 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 67496

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	9.8	8.3	12.5

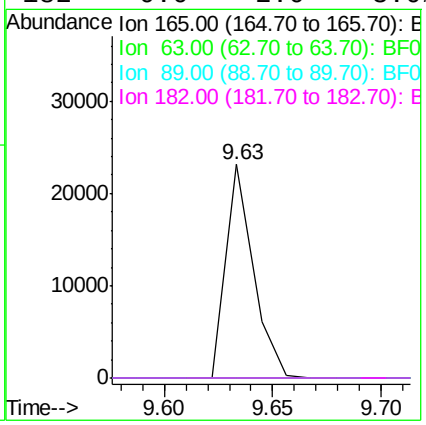


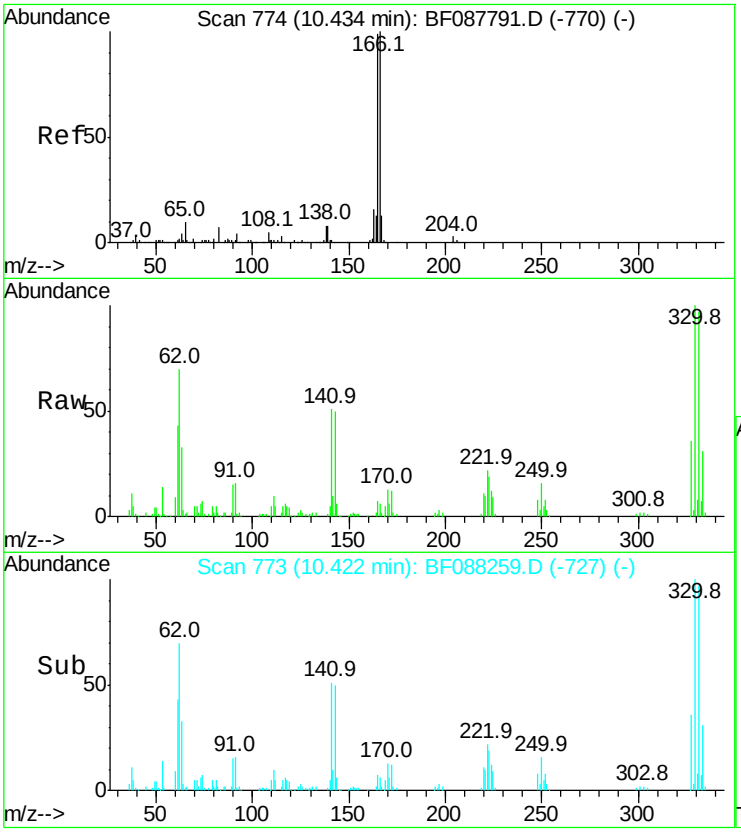


#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:165 Resp: 20329

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



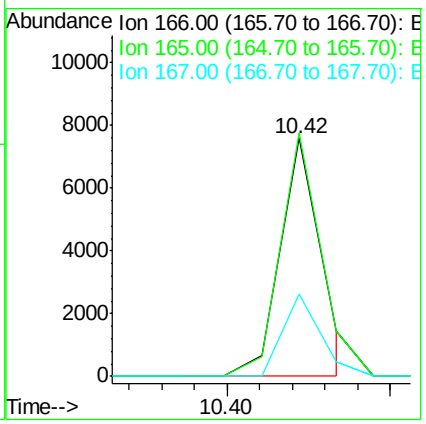


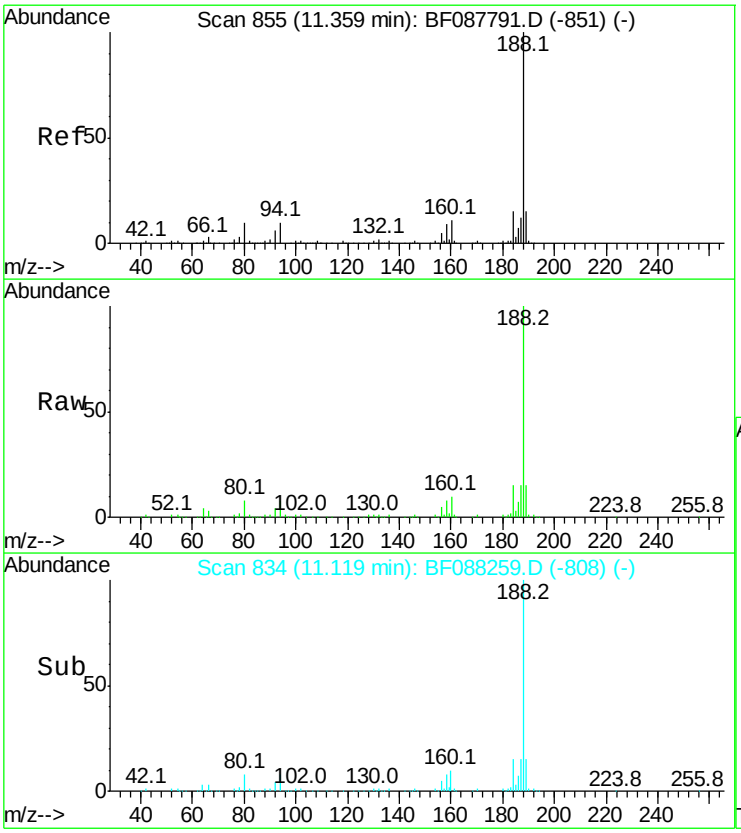
#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 6649

Ion	Ratio	Lower	Upper
166	100		
165	102.3	77.8	116.8
167	34.3	11.2	16.8#

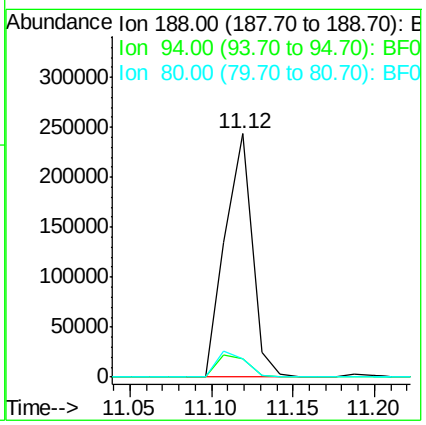


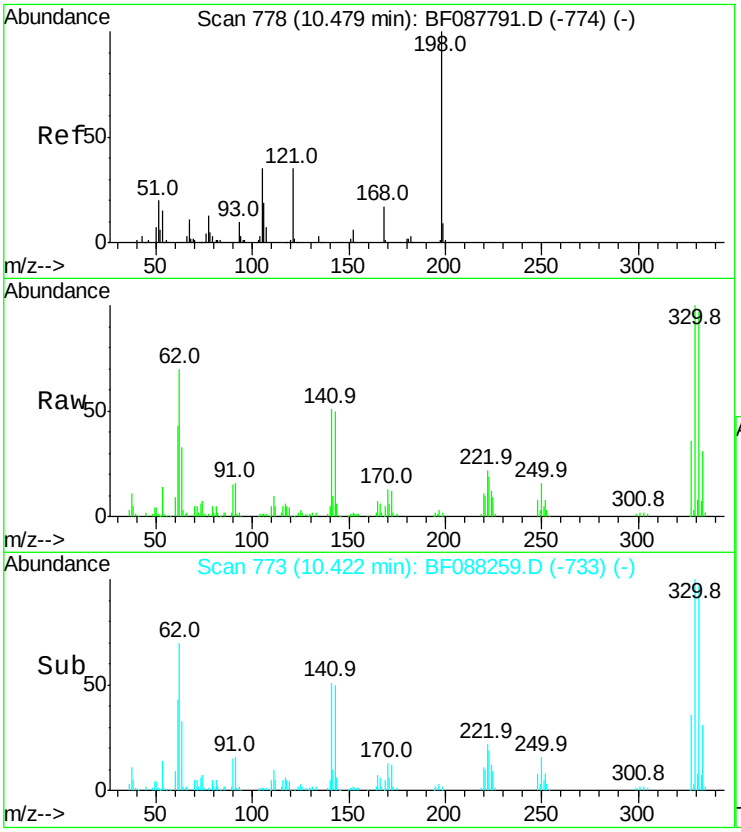


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:188 Resp: 280501

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	7.5	10.0	15.0#



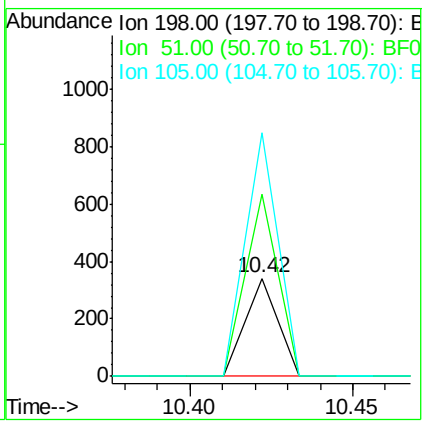


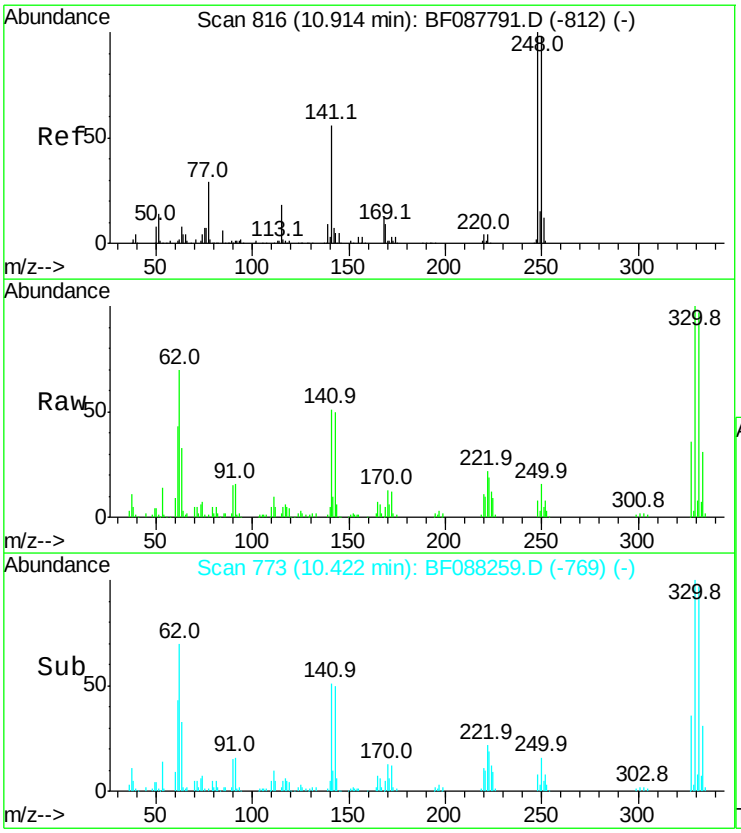
#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 235

Ion	Ratio	Lower	Upper
198	100		
51	185.4	39.6	79.6#
105	247.7	36.6	76.6#

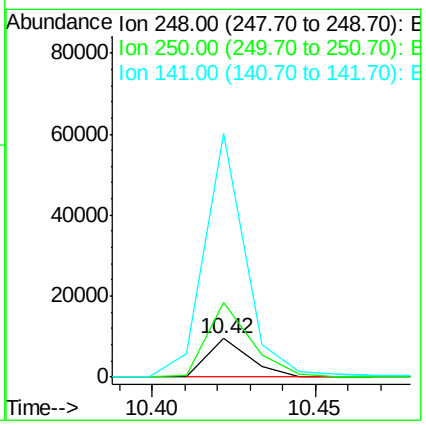


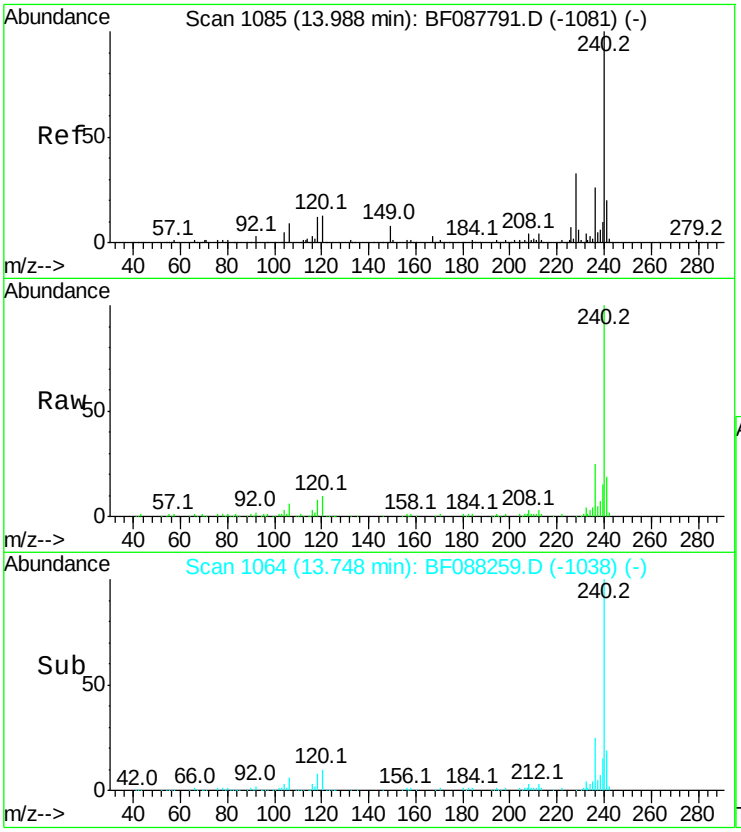


#66
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:248 Resp: 8420

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.1	115.7#
141	631.5	50.6	76.0#



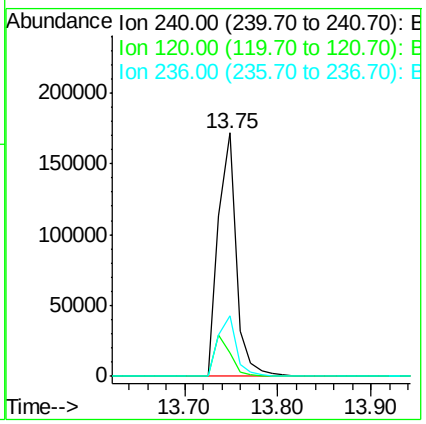


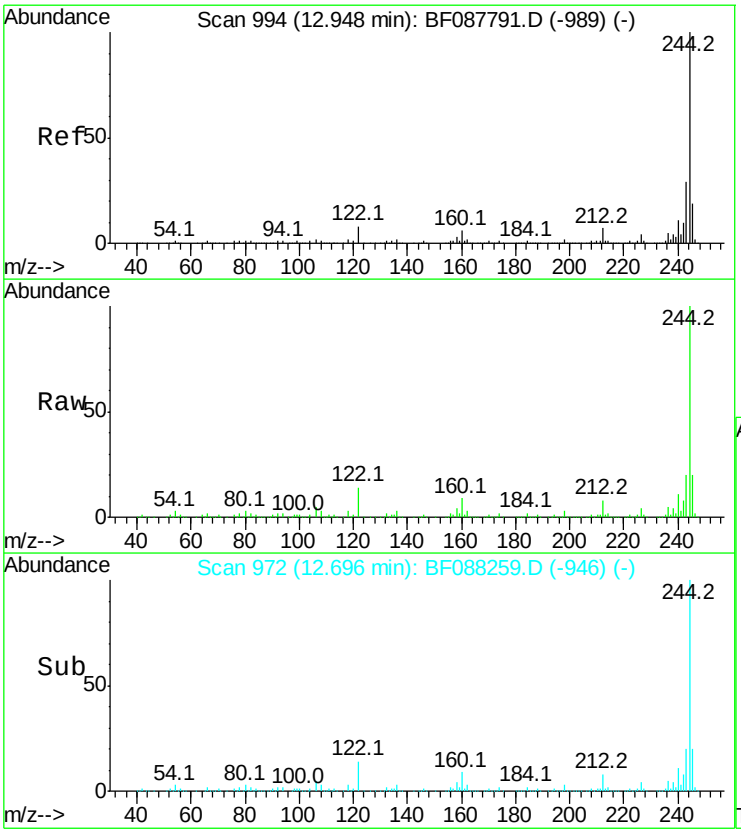
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 229417

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.0	20.2	30.2

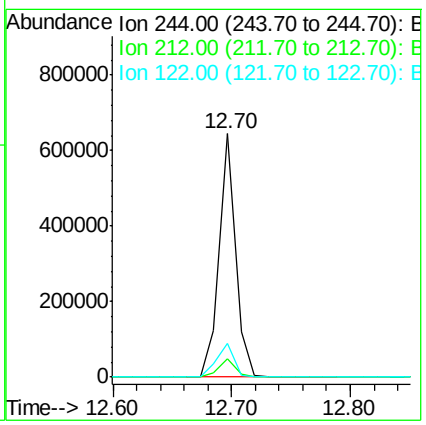


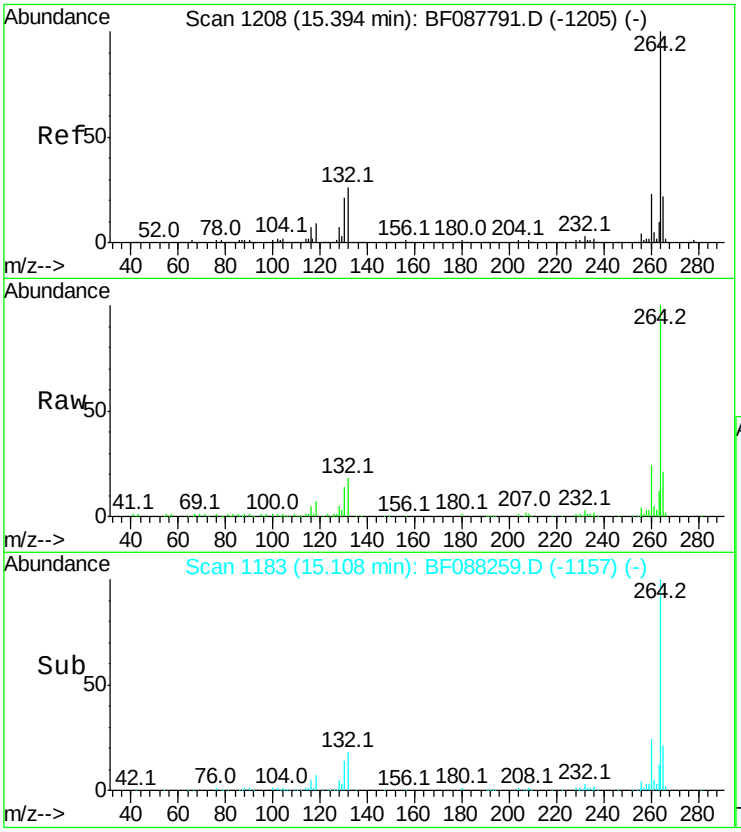


#78
Terphenyl-d14
Concen: 60.91 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Tgt Ion:244 Resp: 614064

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.6	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088259.D
Acq: 22 Jun 2016 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 166011

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	16.9	25.3