Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088268.D
Acq On : 23 Jun 2016 00:10
Operator : UM/SJ
Sample : H3660-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 23 02:29:30 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	78504	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	325374	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	141867	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	221185	20.00	ng		0.00
75) Chrysene-d12	13.75	240	166149	20.00	ng		0.00
86) Perylene-d12	15.11	264	156680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	440741	95.98	ng		0.01
7) Phenol-d6	6.26	99	503823	90.53	ng		0.00
23) Nitrobenzene-d5	7.18	82	341794	61.34	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	107260	71.60	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	624377	68.03	ng		0.00
78) Terphenyl-d14	12.70	244	417107	57.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.27	94	1224	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.18	70	43919	12.34	ng	#	68
25) Isophorone	7.18	82	341819	33.12	ng	#	65
45) 1,1'-Biphenyl	8.97	154	1155	Below Cal		#	1
49) Dimethylphthalate	9.37	163	137084	13.34	ng		99
56) 2,4-Dinitrotoluene	9.63	165	17934	5.93	ng	#	37
57) Fluorene	10.42	166	5515	Below Cal		#	90
64) 4,6-Dinitro-2-methylphenol	10.42	198	208	2.31	ng	#	1
66) 4-Bromophenyl-phenylether	10.42	248	6619	2.79	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
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Acq On : 23 Jun 2016 00:10
Operator : UM/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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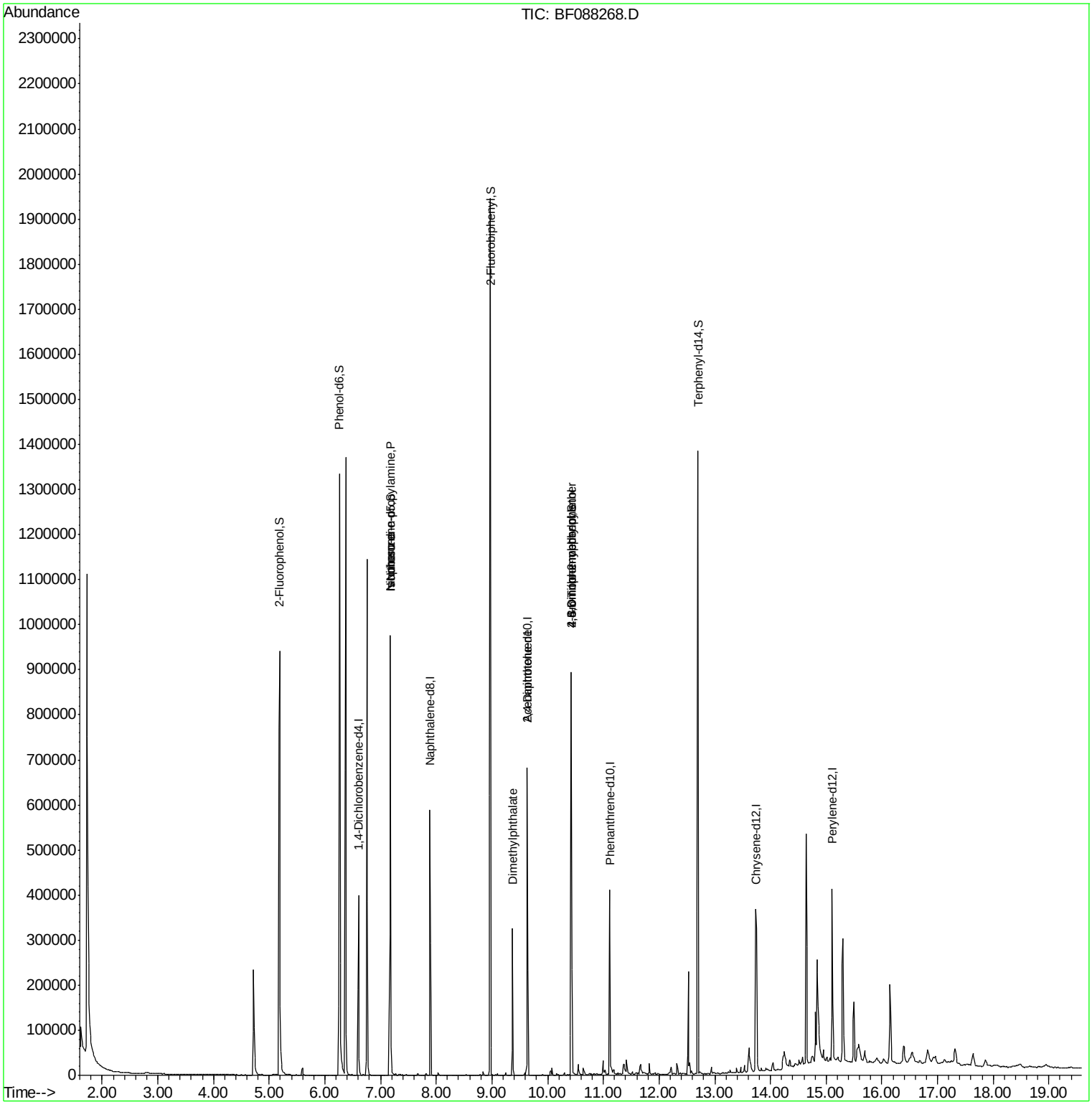
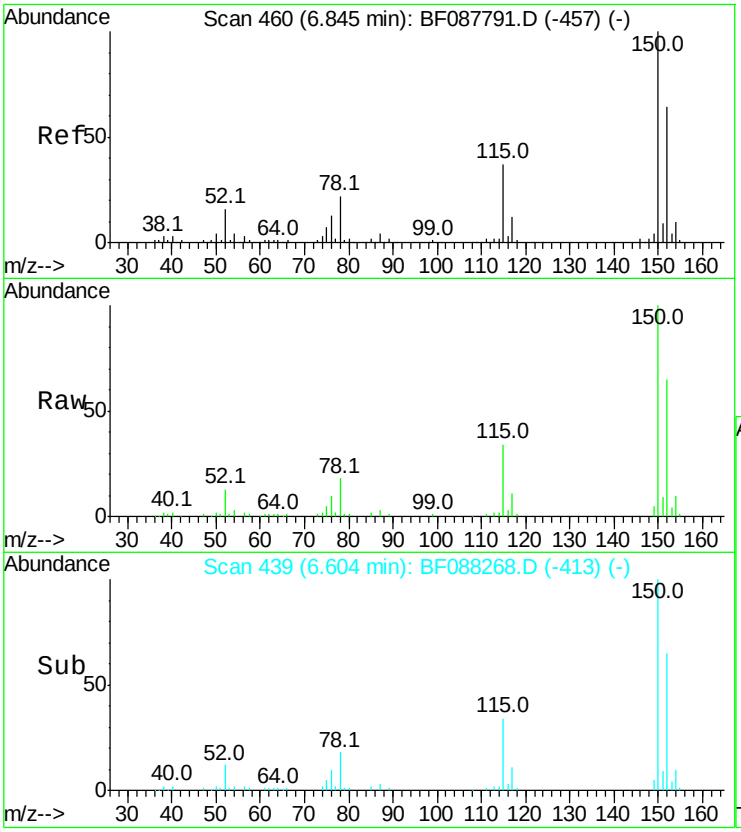


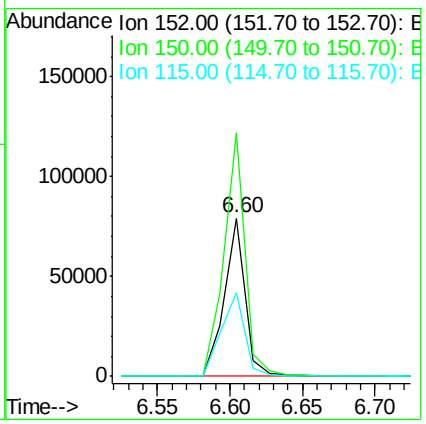


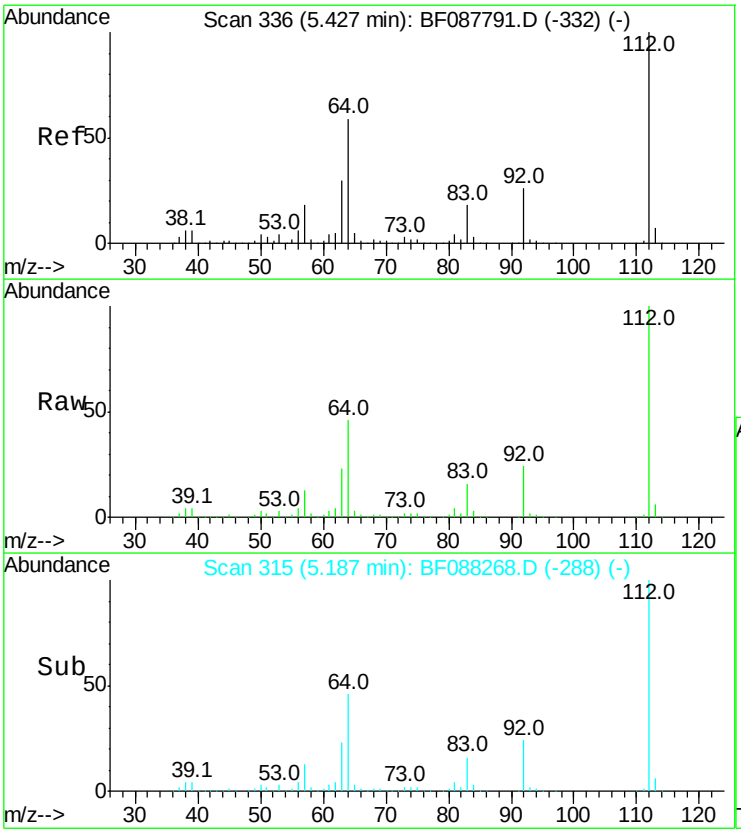
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78504

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	52.7	39.6	59.4

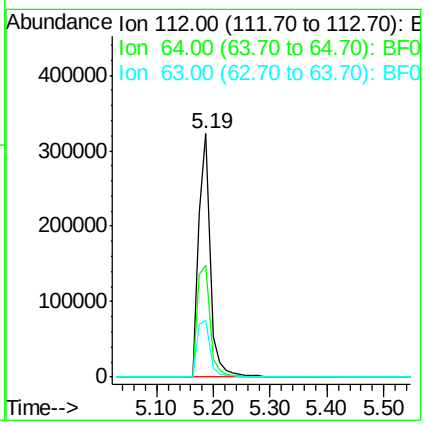


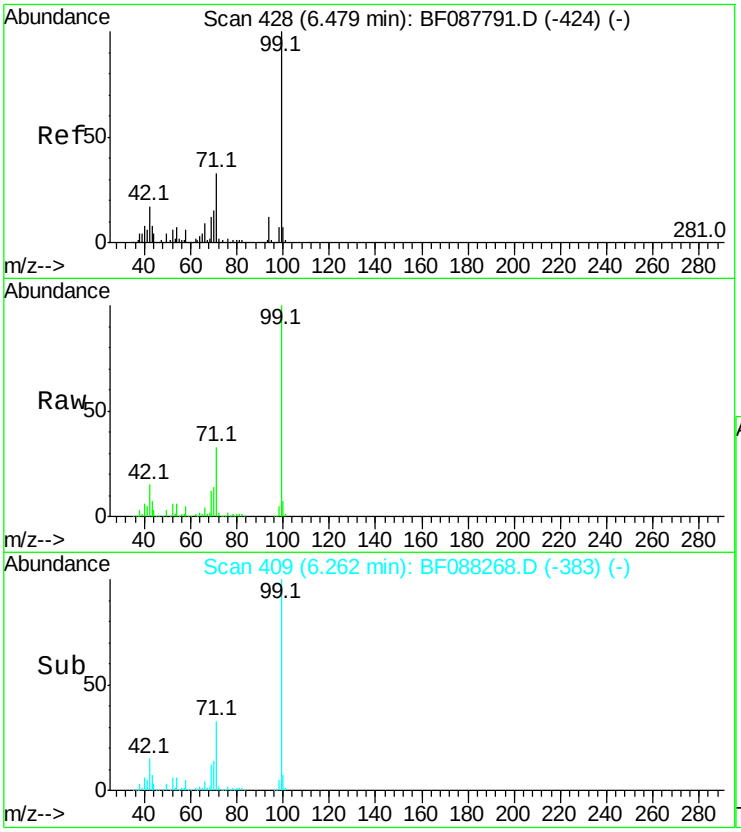


#5
2-Fluorophenol
Concen: 95.98 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:112 Resp: 440741

Ion	Ratio	Lower	Upper
112	100		
64	46.1	42.2	63.2
63	23.2	21.8	32.8



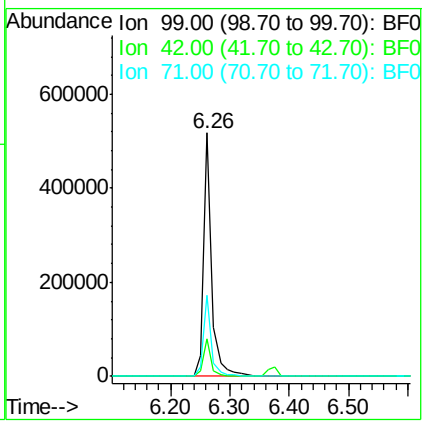


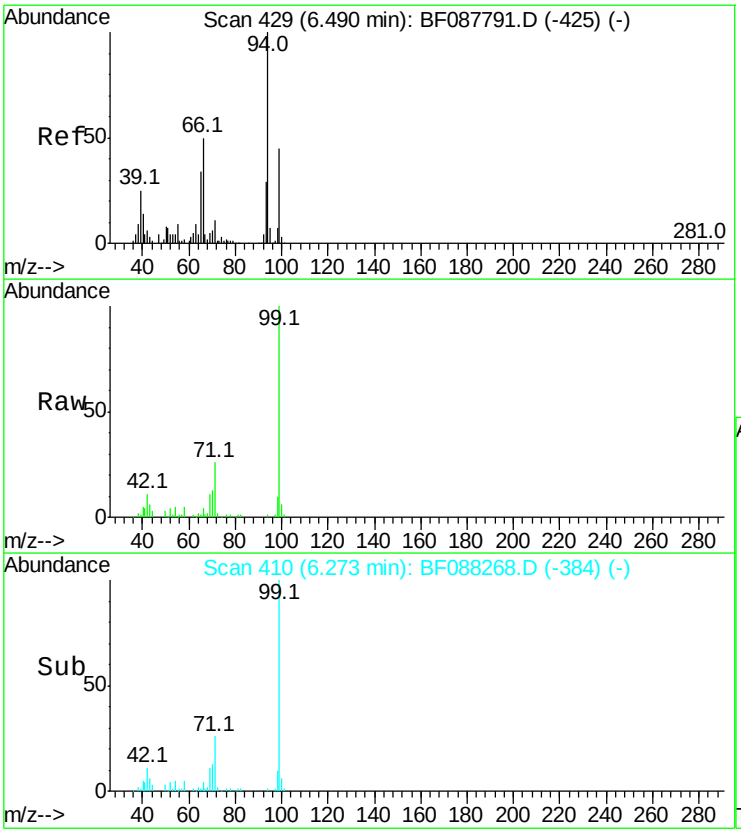
#7
Phenol-d6
Concen: 90.53 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 503823

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	33.3	23.4	35.0

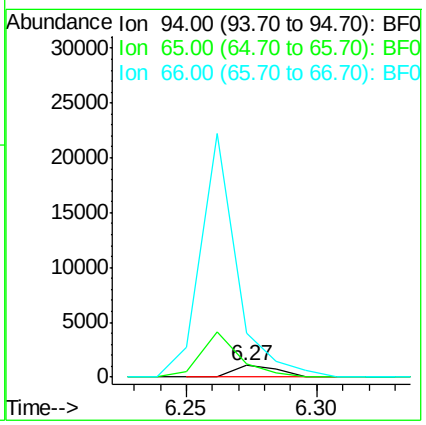


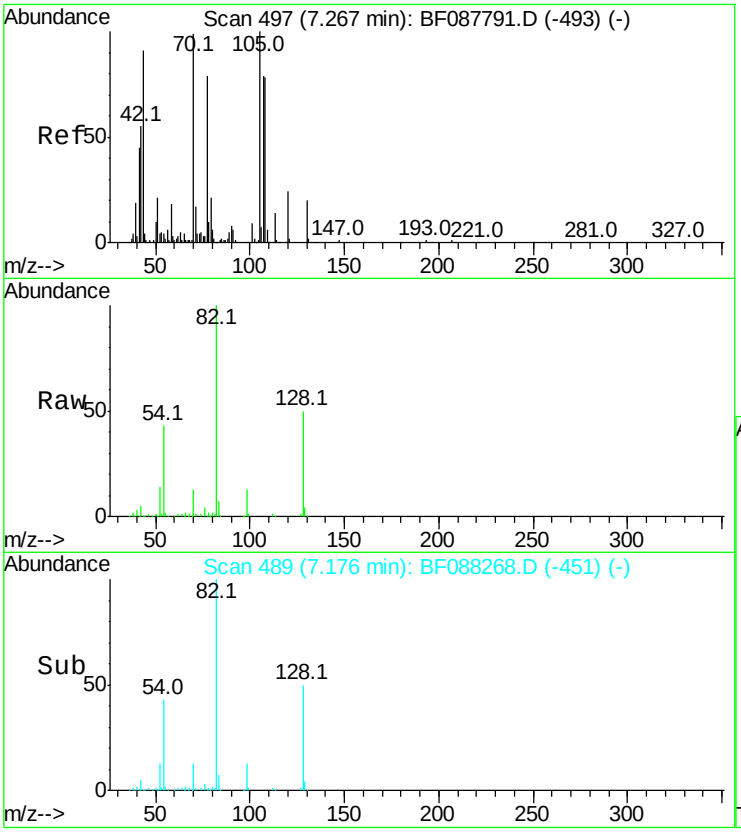


#10
Phenol
Concen: Below Cal
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion: 94 Resp: 1224

Ion	Ratio	Lower	Upper
94	100		
65	113.5	5.9	45.9#
66	388.2	14.0	54.0#



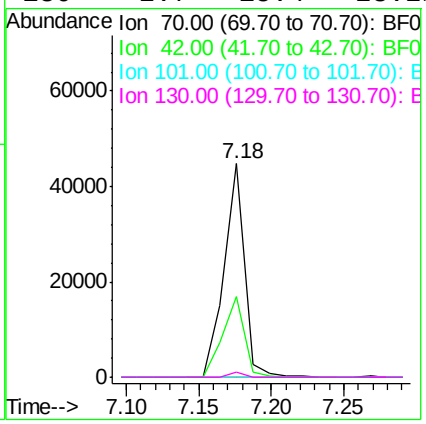


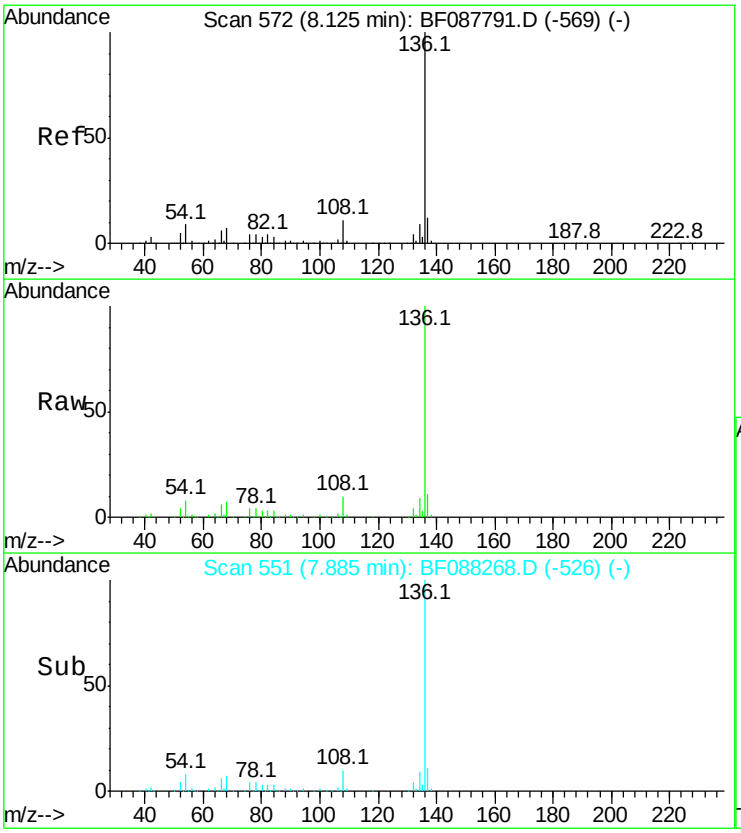
#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 43919

Ion	Ratio	Lower	Upper
70	100		
42	37.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#

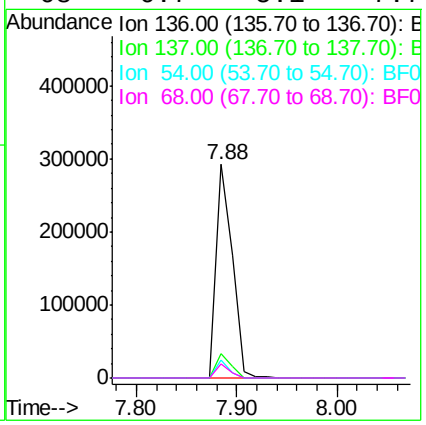


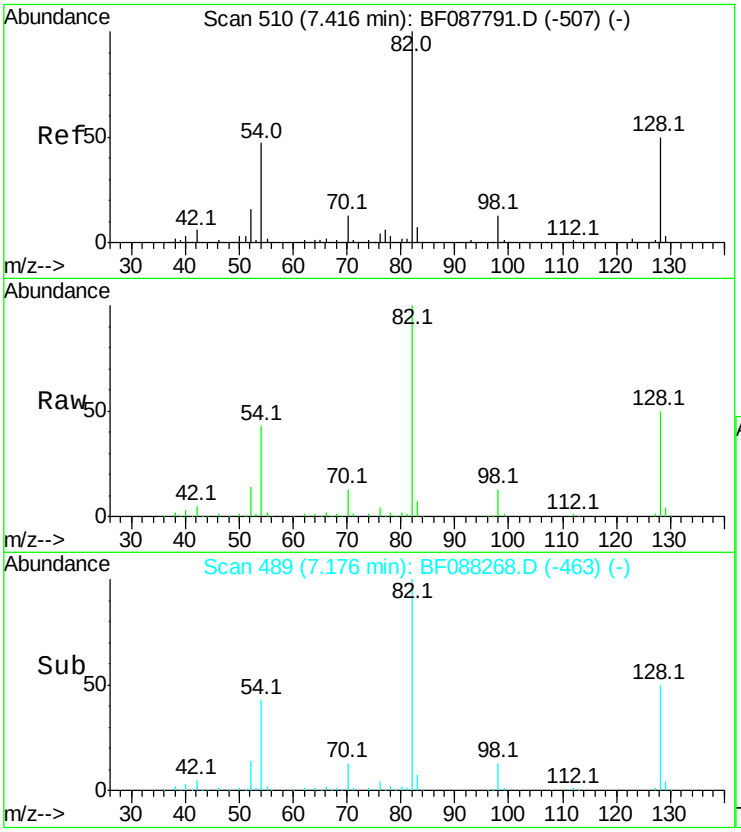


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:136 Resp: 325374

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	6.6	10.0
68	6.7	5.1	7.7



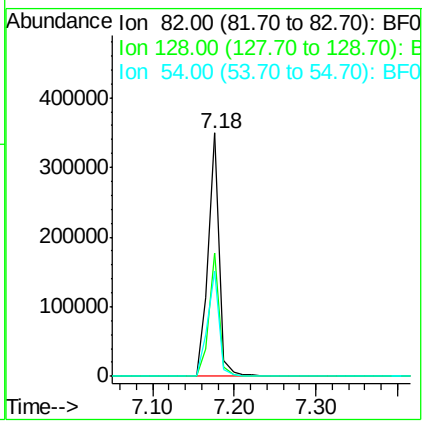


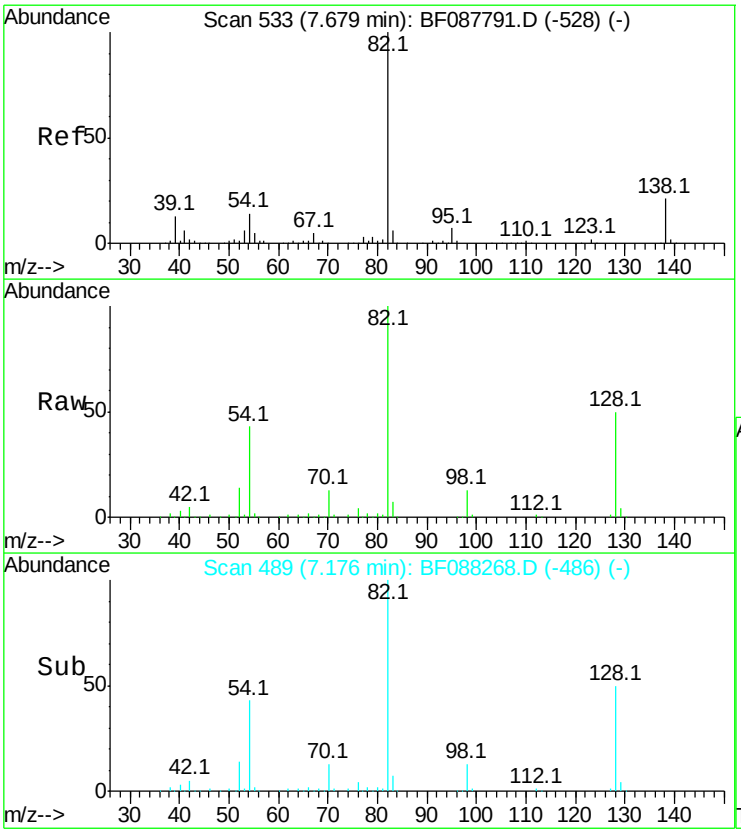
#23
Nitrobenzene-d5
Concen: 61.34 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 341794

Ion	Ratio	Lower	Upper
82	100		
128	50.4	35.9	53.9
54	43.1	40.9	61.3

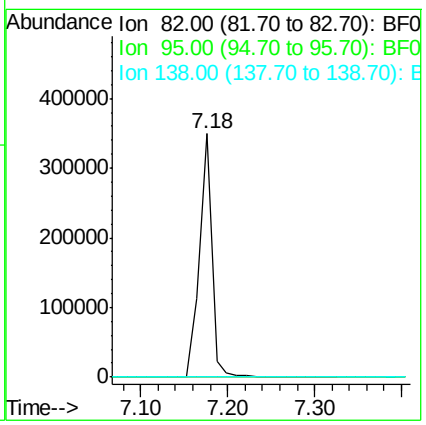


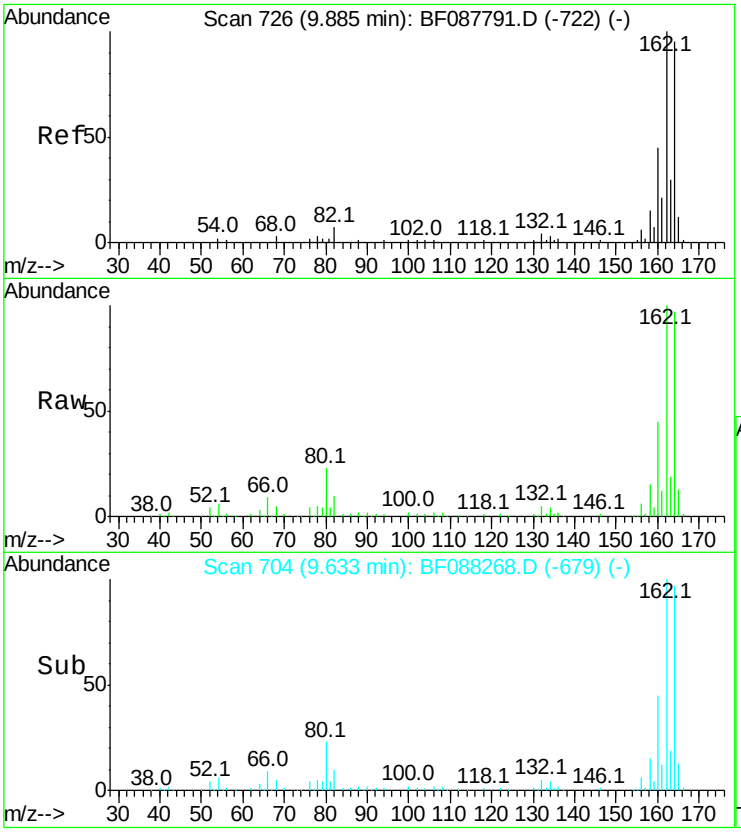


#25
Isophorone
Concen: 33.12 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion: 82 Resp: 341819

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



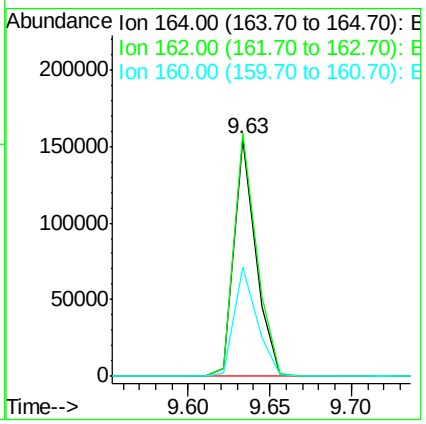


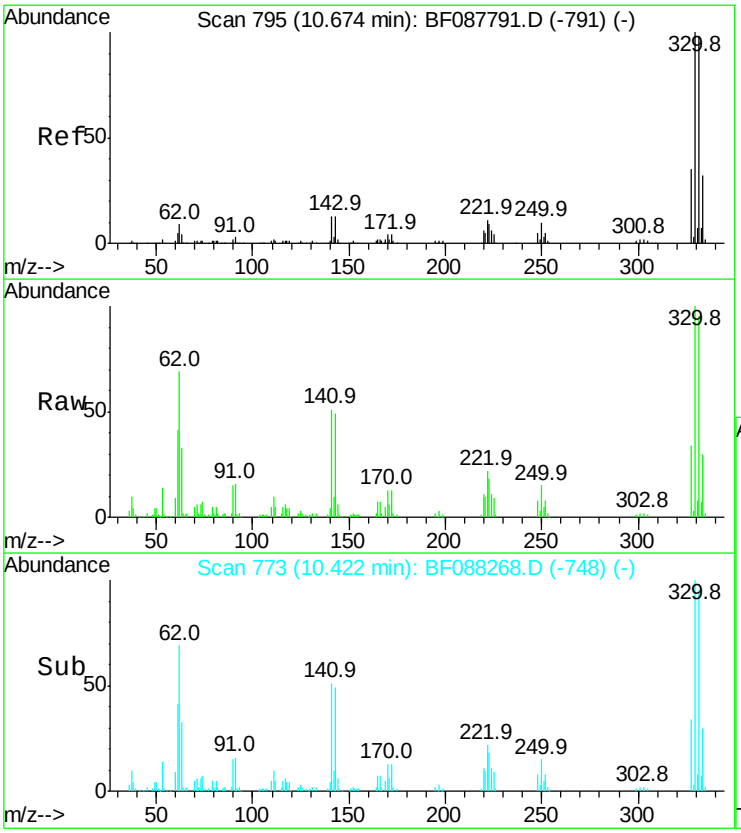
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 141867

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.2
160	46.2	39.5	59.3

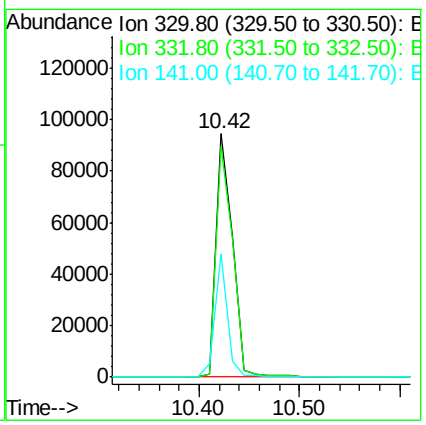


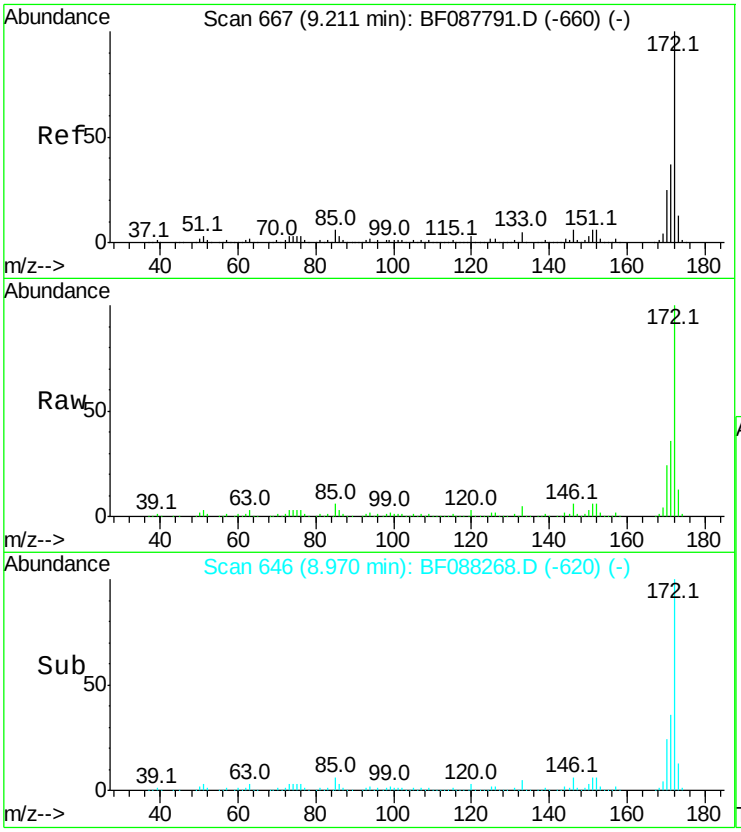


#41
2,4,6-Tribromophenol
Concen: 71.60 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:330 Resp: 107260

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	39.0	0.0	0.0#



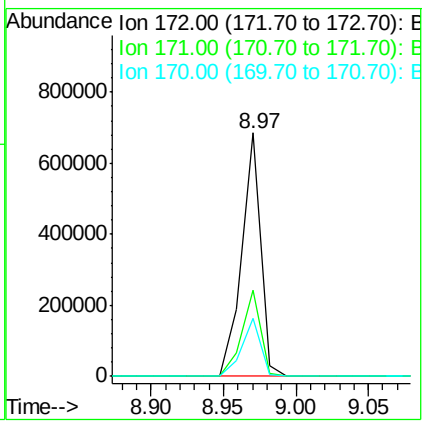


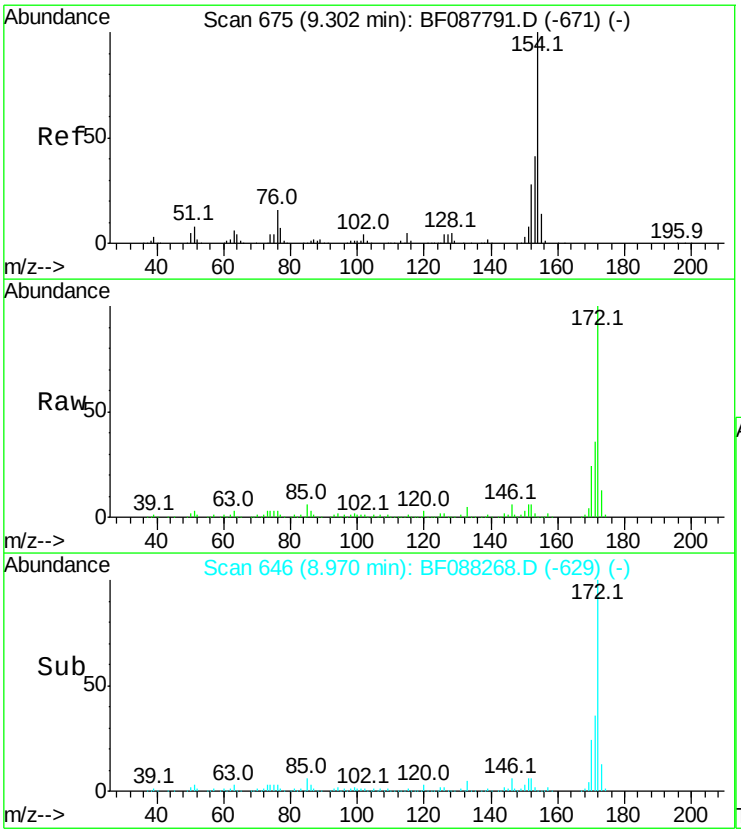
#44
2-Fluorobiphenyl
Concen: 68.03 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 624377

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.2	28.8

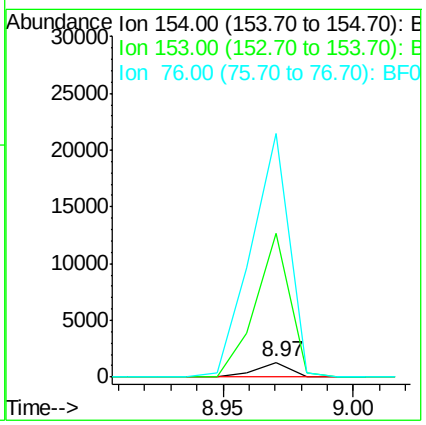


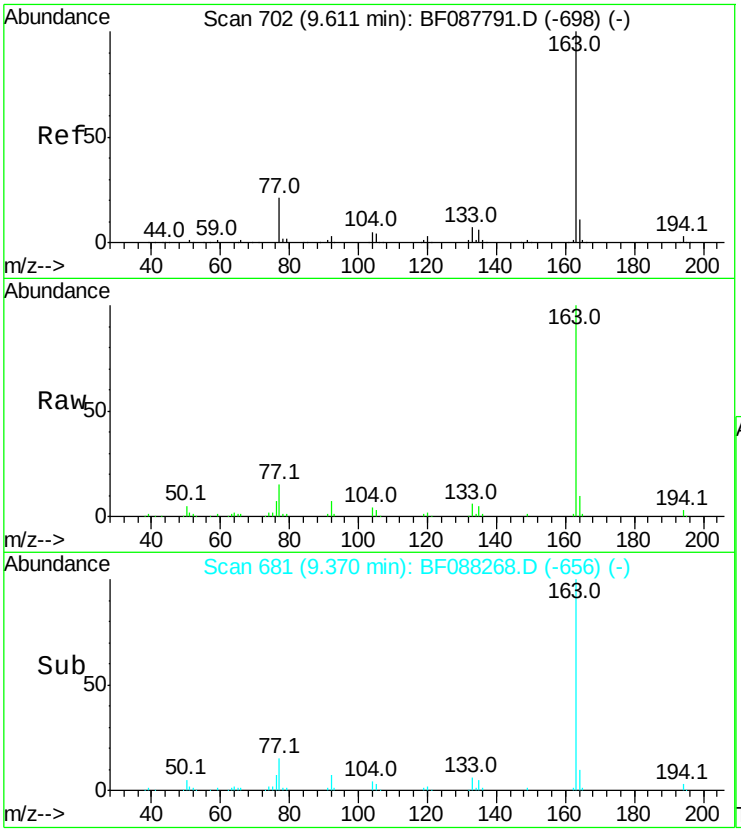


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:154 Resp: 1155

Ion	Ratio	Lower	Upper
154	100		
153	970.0	20.6	60.6#
76	1641.6	0.0	35.1#



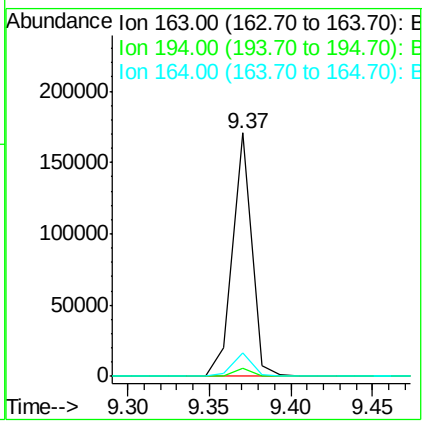


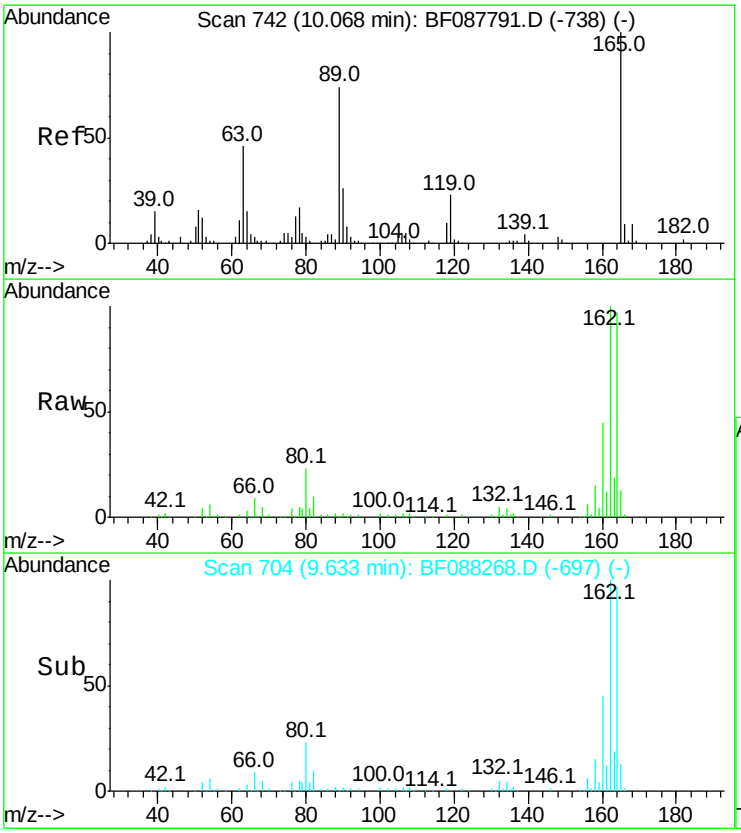
#49
Dimethylphthalate
Concen: 13.34 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 137084

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.8	8.3	12.5

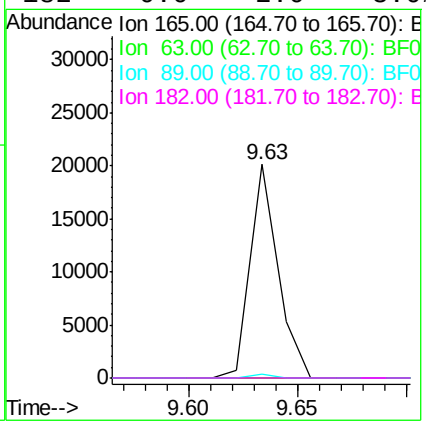


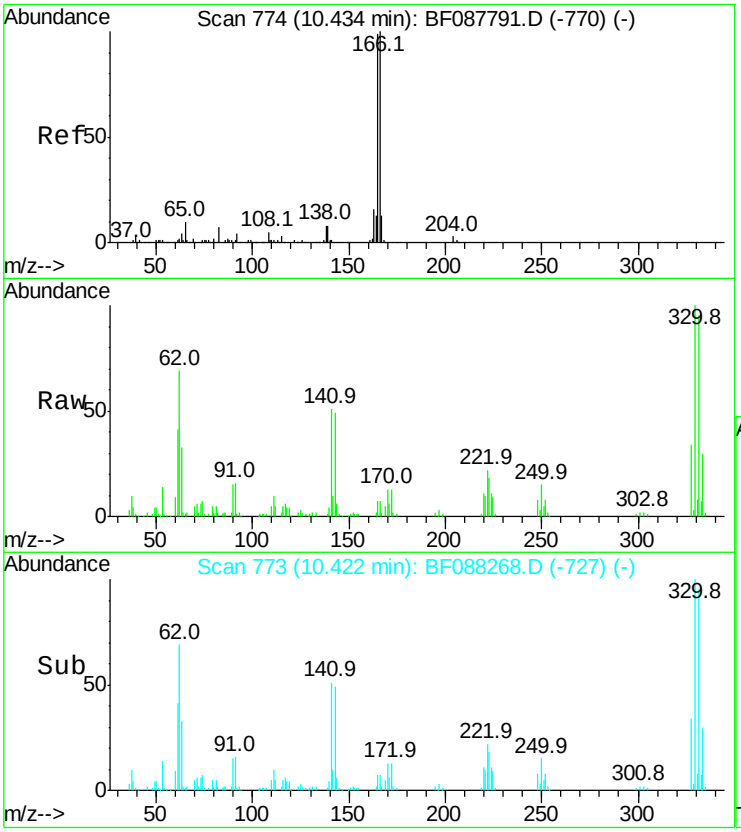


#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:165 Resp: 17934

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



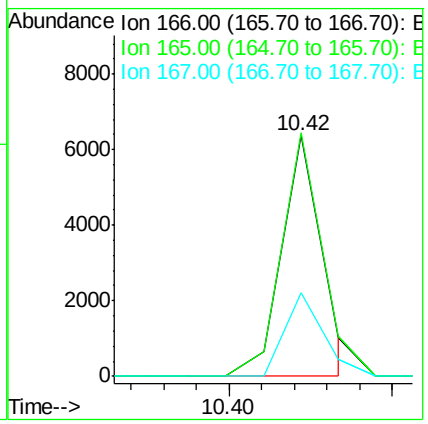


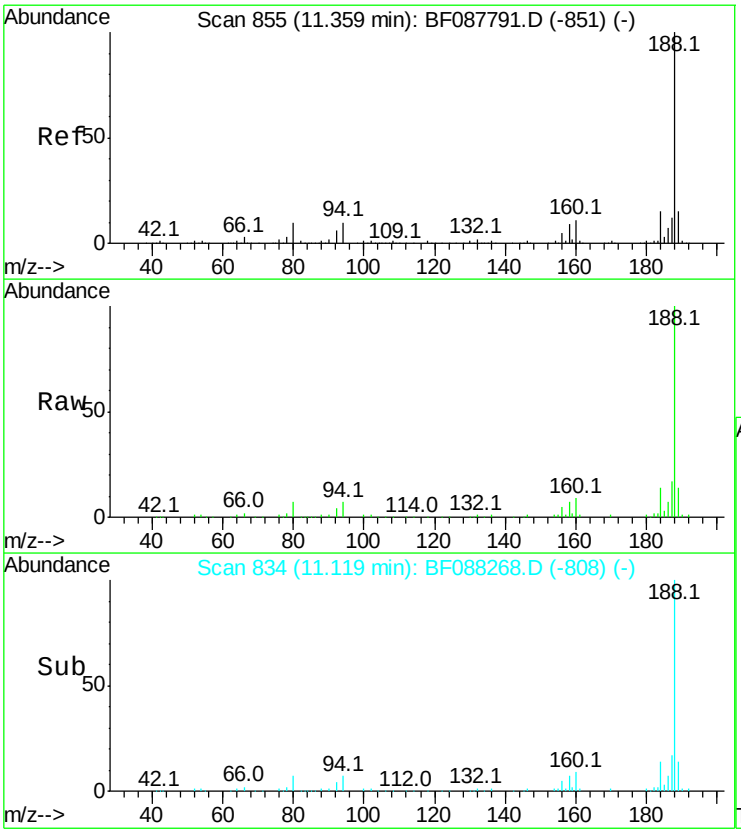
#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 5515

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.8	116.8
167	34.7	11.2	16.8#

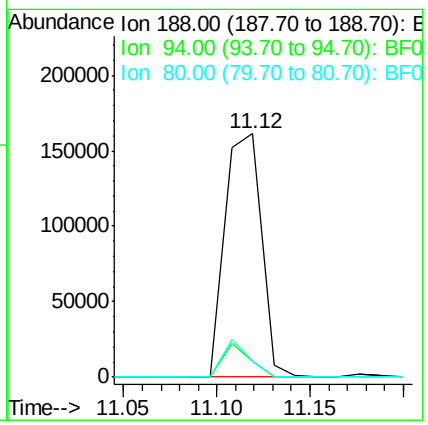


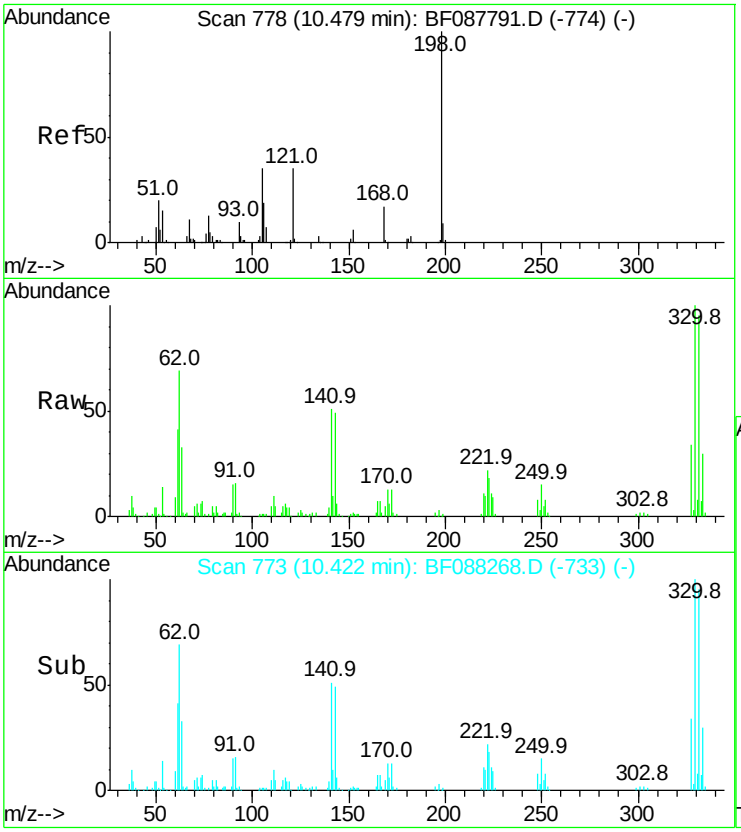


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:188 Resp: 221185

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.6#
80	6.5	10.0	15.0#



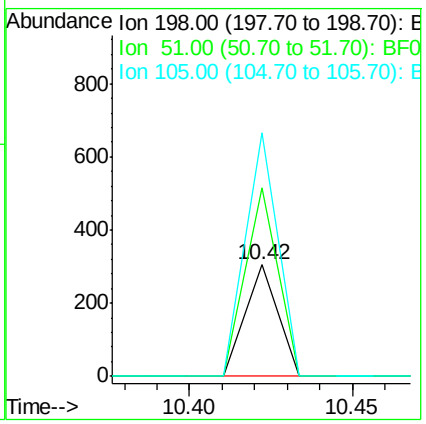


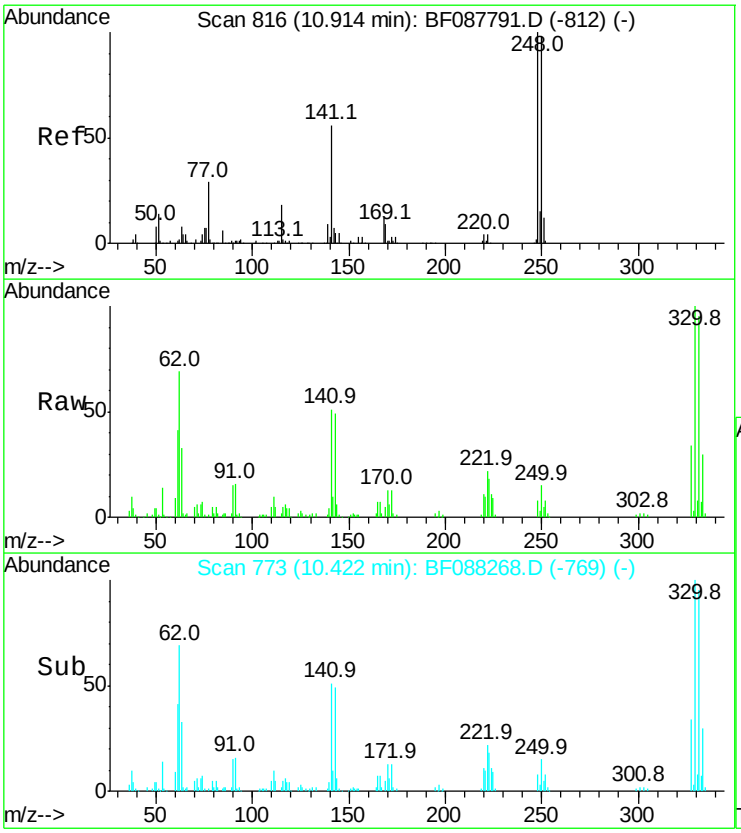
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	169.4	39.6	79.6#
105	219.1	36.6	76.6#

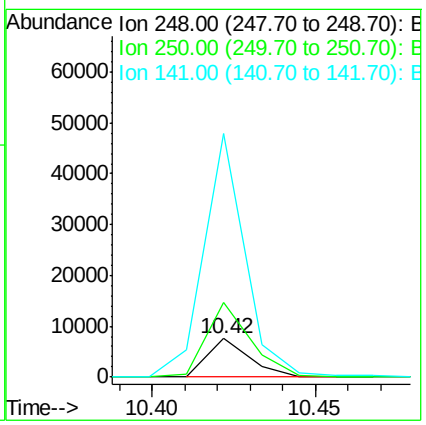


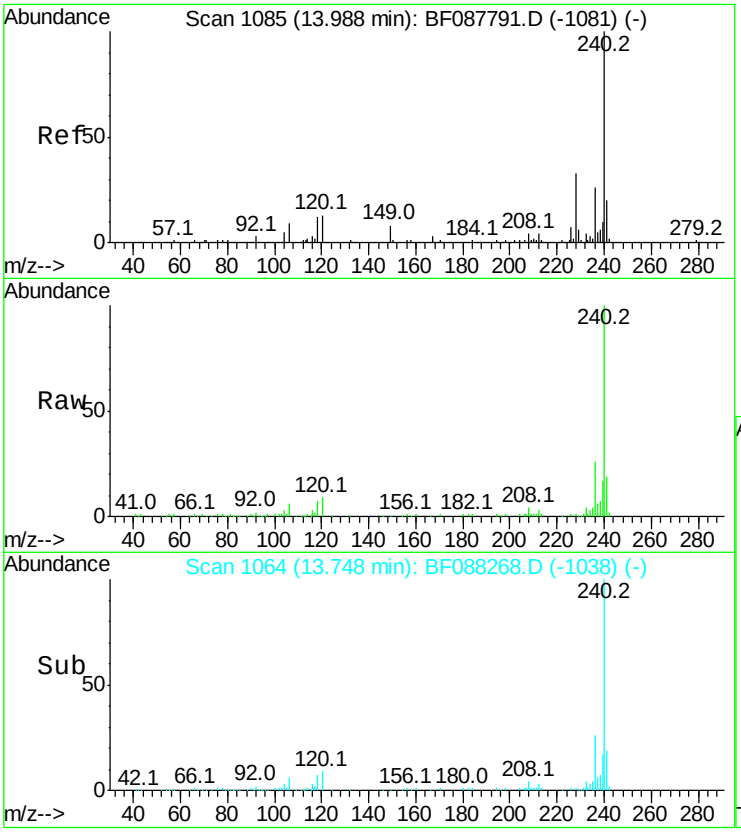


#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:248 Resp: 6619

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.1	115.7#
141	636.0	50.6	76.0#



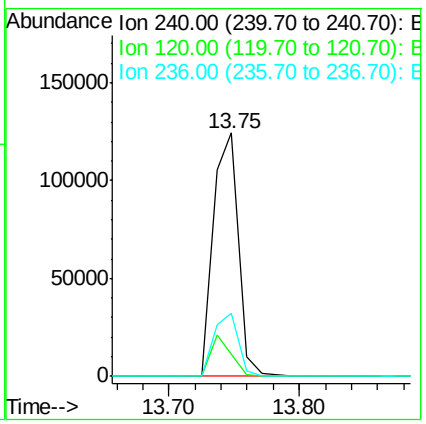


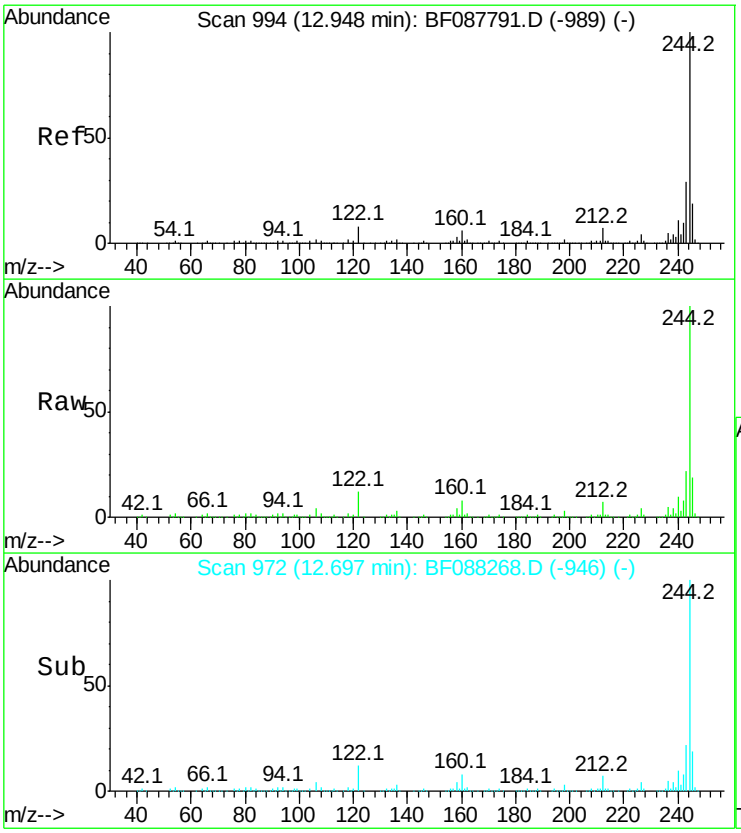
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 166149

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.8	10.2
236	25.9	20.2	30.2

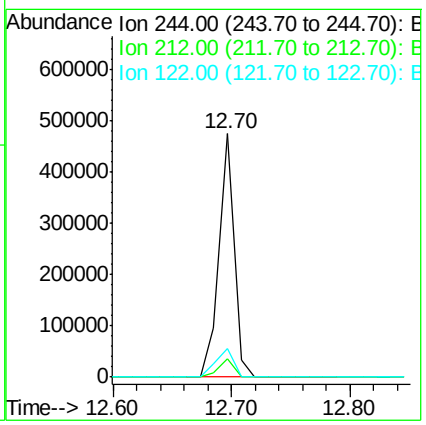


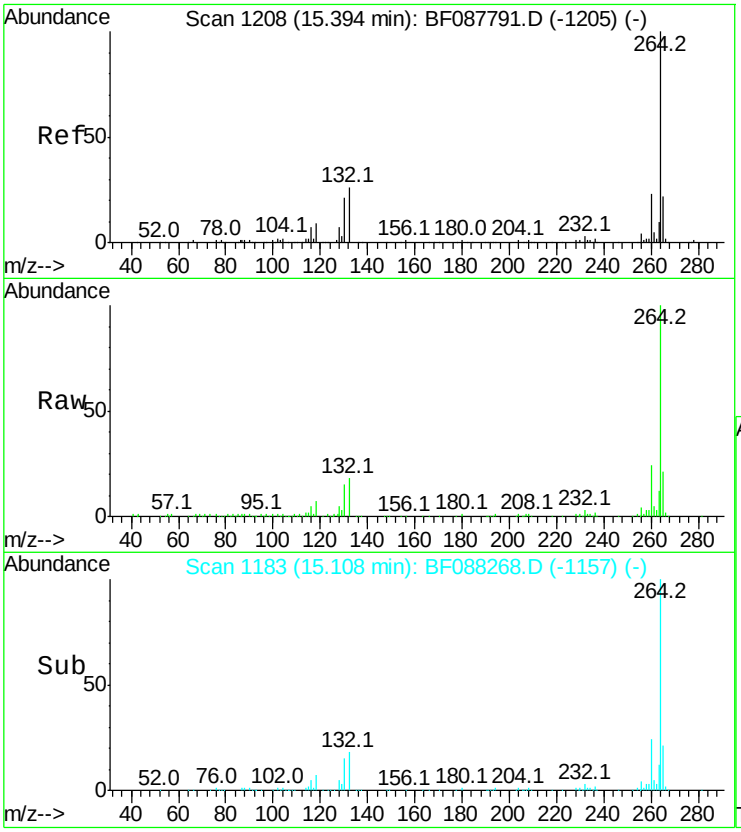


#78
Terphenyl-d14
Concen: 57.13 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:244 Resp: 417107

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.8	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: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 156680

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	16.9	25.3