Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088352.D
Acq On : 25 Jun 2016 1:11
Operator : UM/SJ
Sample : H3607-02RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P0-004

Quant Time: Jun 25 03:43:38 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	6.58	152	101703	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	385567	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	165982	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	255543	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	209812	20.00	ng	-0.03
86) Perylene-d12	15.07	264	164749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	350023	58.84	ng	0.00
7) Phenol-d6	6.25	99	290740	40.33	ng	-0.01
23) Nitrobenzene-d5	7.16	82	590682	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	171548	97.88	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	972654	92.55	ng	-0.02
78) Terphenyl-d14	12.67	244	603191	65.42	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	11015	2.31	ng	# 72
10) Phenol	6.26	94	1094	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.16	70	75658	16.40	ng	# 68
25) Isophorone	7.16	82	587967	48.07	ng	# 65
45) 1,1'-Biphenyl	8.95	154	1946	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.61	165	20424	7.42	ng	# 39
56) 2,4-Dinitrotoluene	9.61	165	20425	5.77	ng	# 37
57) Fluorene	10.16	166	590	Below Cal		# 70
64) 4,6-Dinitro-2-methylphenol	10.41	198	206	2.29	ng	# 21
66) 4-Bromophenyl-phenylether	10.41	248	10668	3.89	ng	# 1

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

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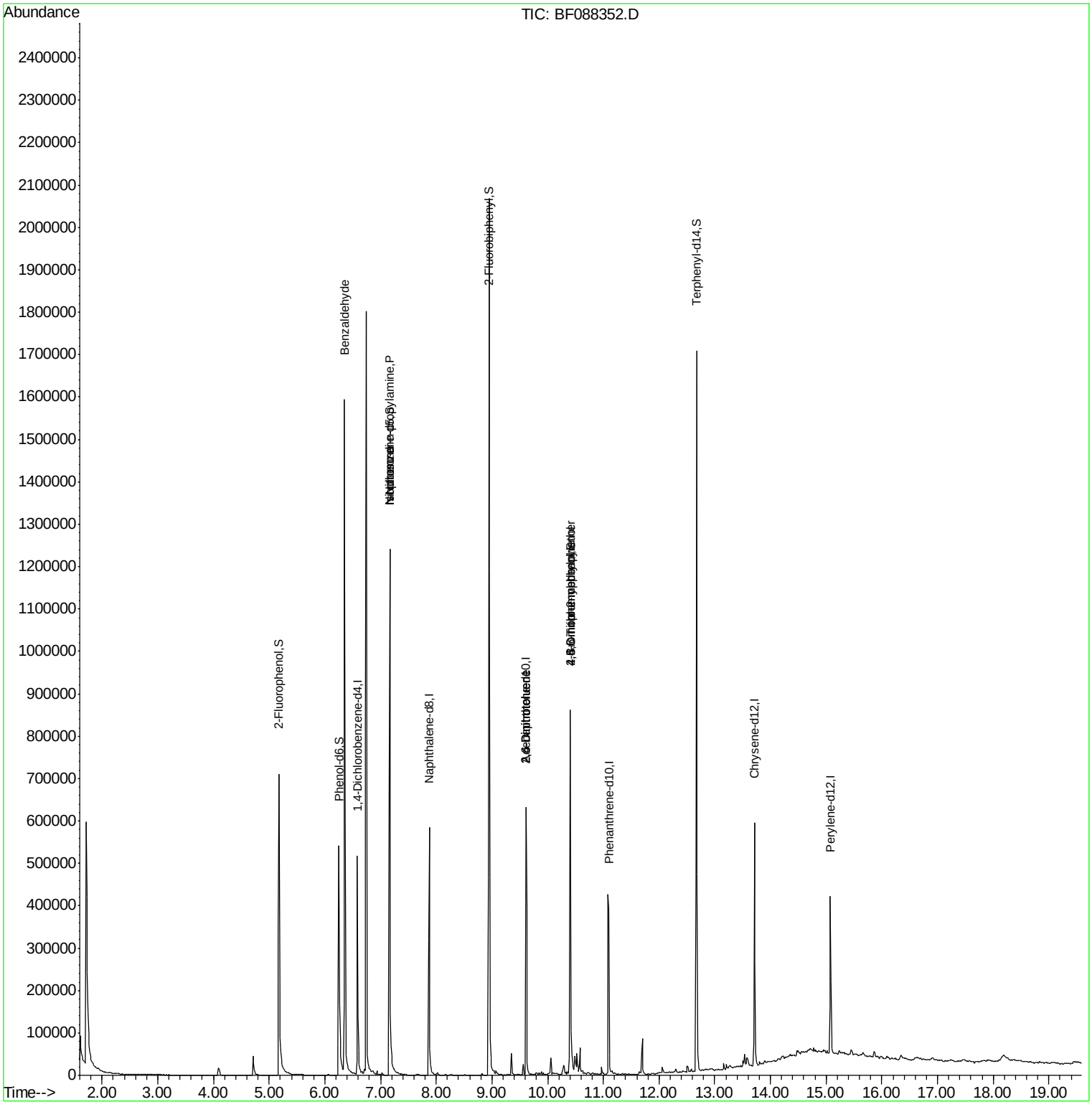
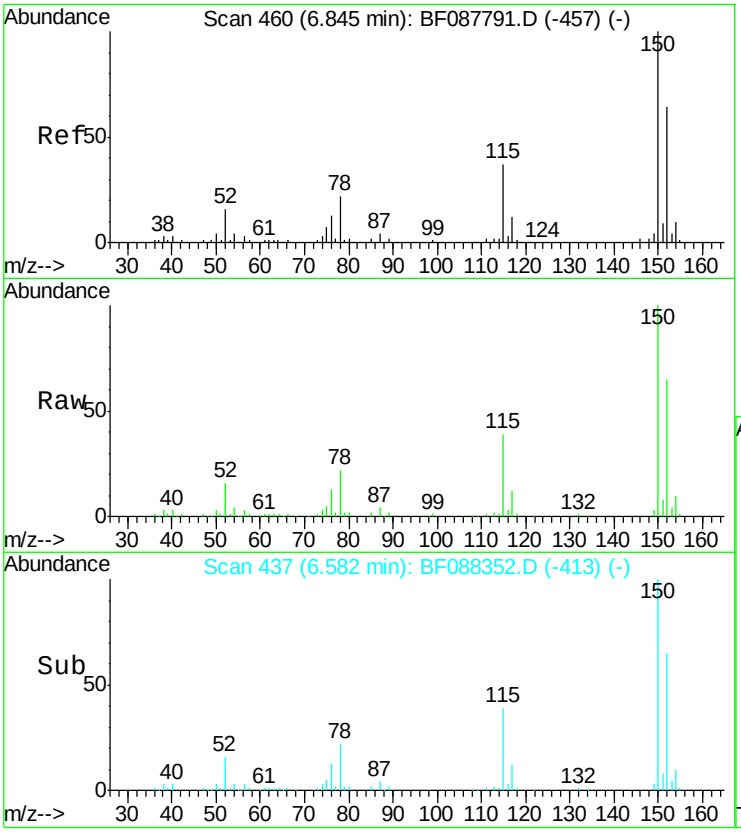


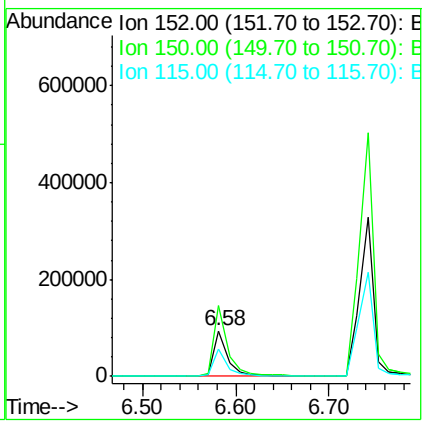


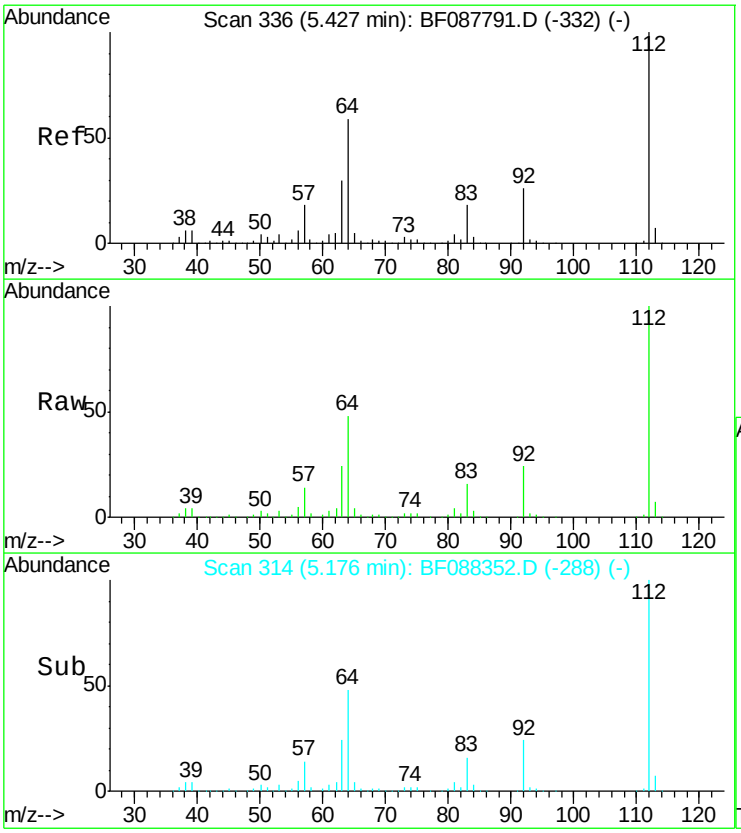
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:152 Resp: 101703

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	59.7	39.6	59.4#

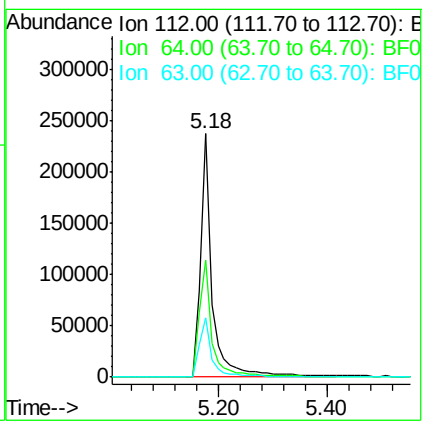


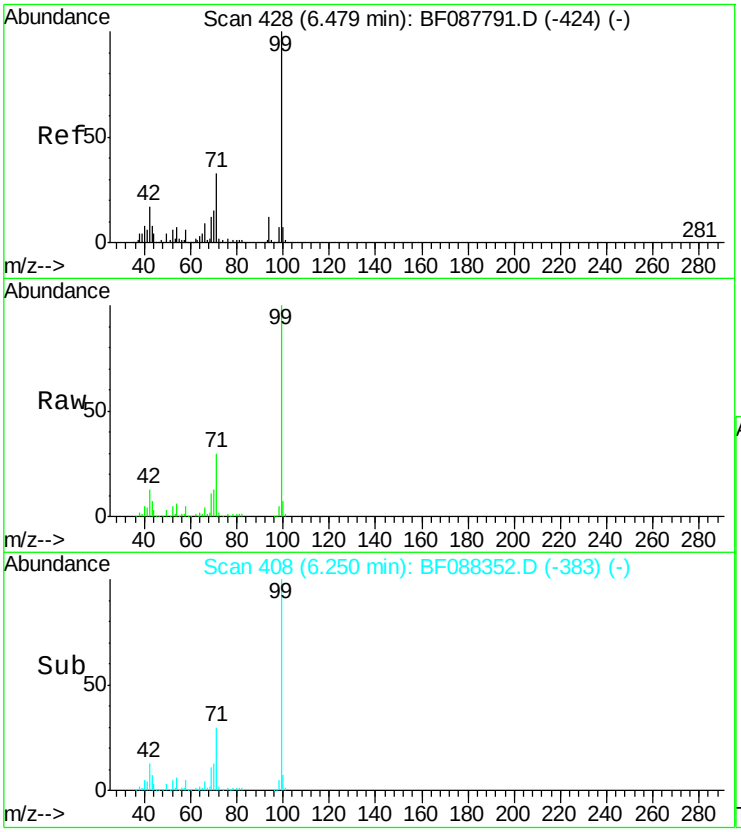


#5
2-Fluorophenol
Concen: 58.84 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:112 Resp: 350023

Ion	Ratio	Lower	Upper
112	100		
64	48.1	42.2	63.2
63	24.4	21.8	32.8



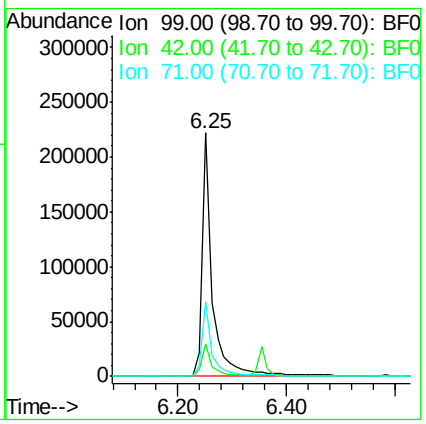


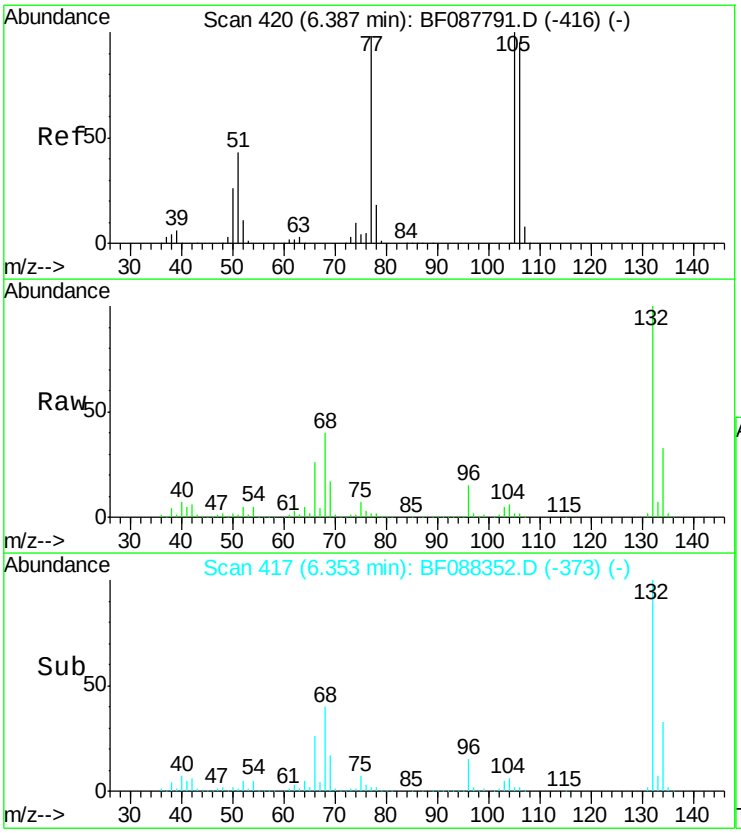
#7
Phenol-d6
Concen: 40.33 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion: 99 Resp: 290740

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	30.5	23.4	35.0

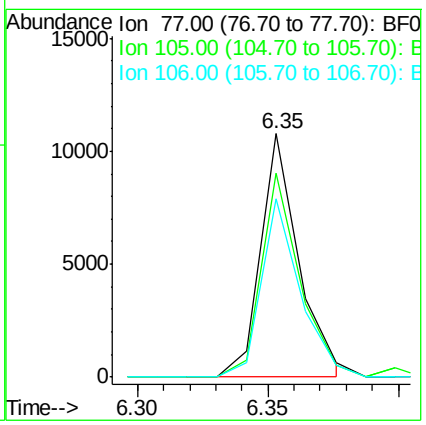


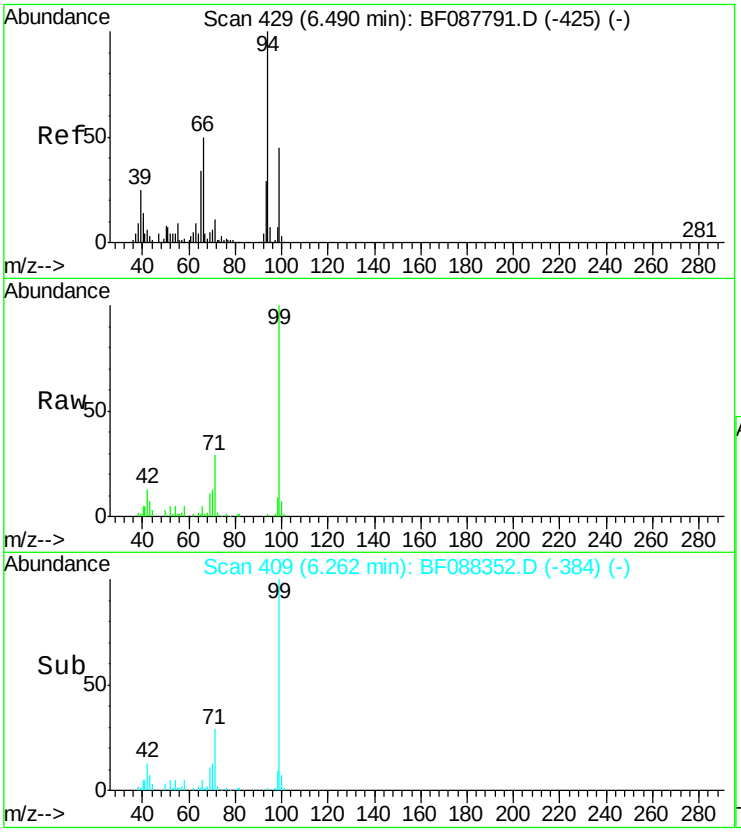


#9
Benzaldehyde
Concen: 2.31 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion: 77 Resp: 11015

Ion	Ratio	Lower	Upper
77	100		
105	83.6	90.6	130.6#
106	73.3	85.3	125.3#



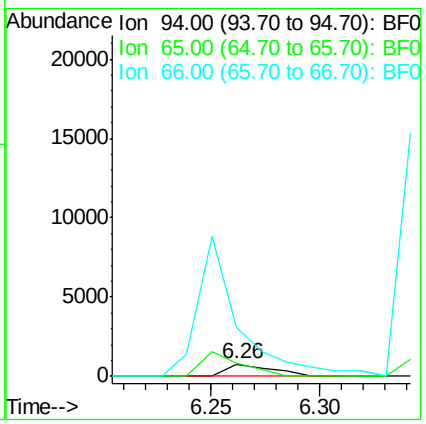


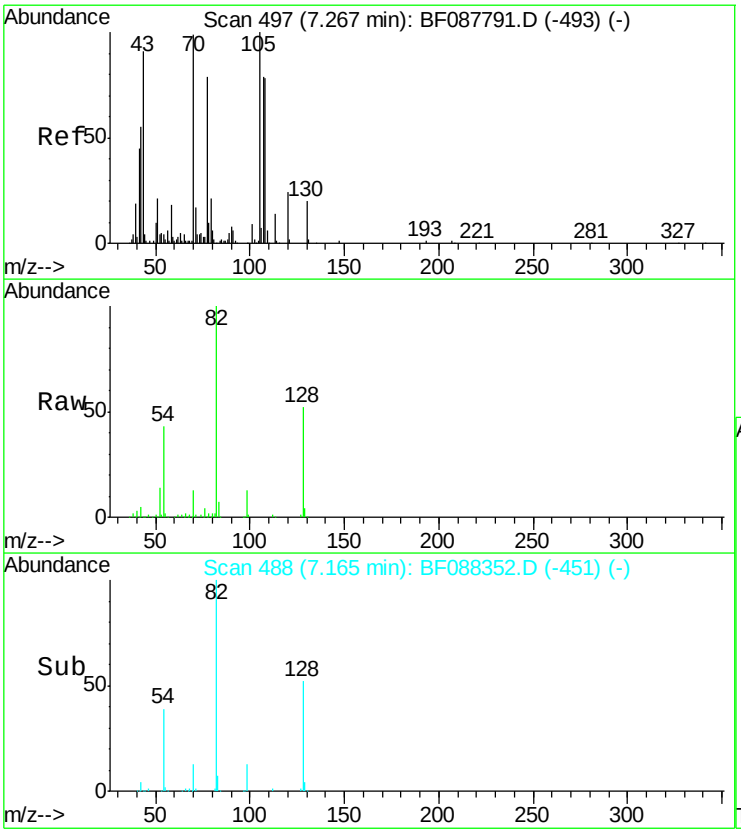
#10
Phenol
Concen: Below Cal
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion: 94 Resp: 1094

Ion	Ratio	Lower	Upper
94	100		
65	111.3	5.9	45.9#
66	417.3	14.0	54.0#

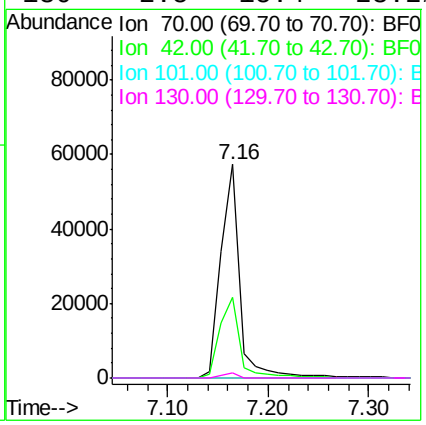


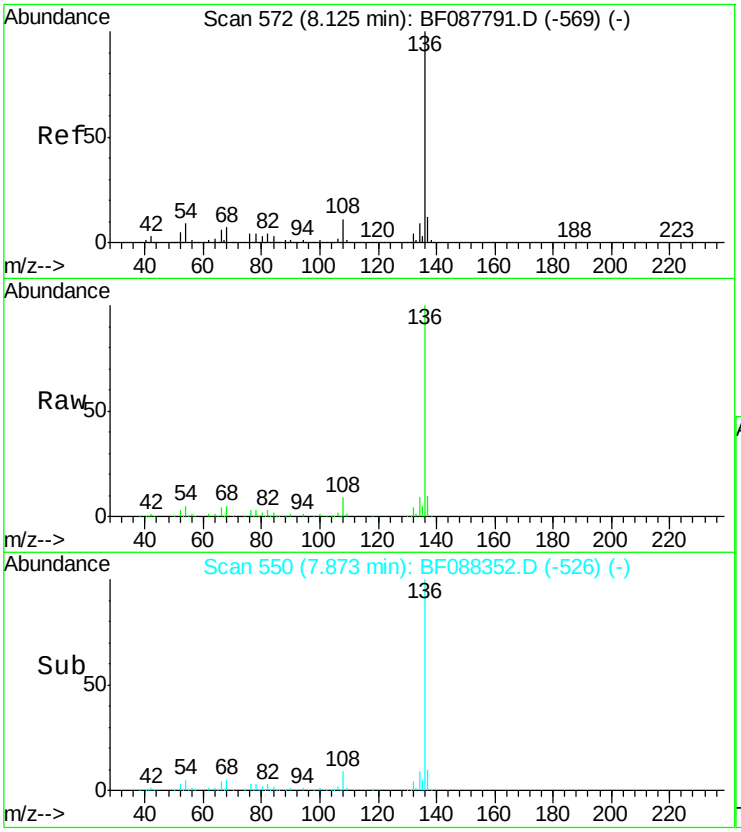


#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion: 70 Resp: 75658

Ion	Ratio	Lower	Upper
70	100		
42	37.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



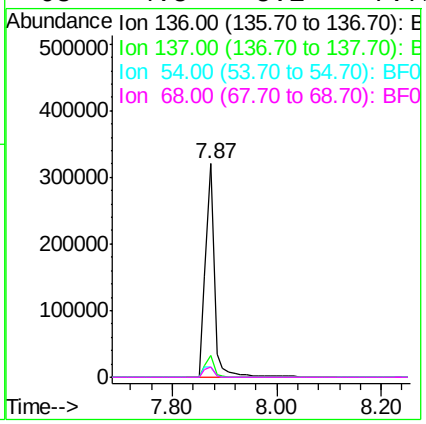


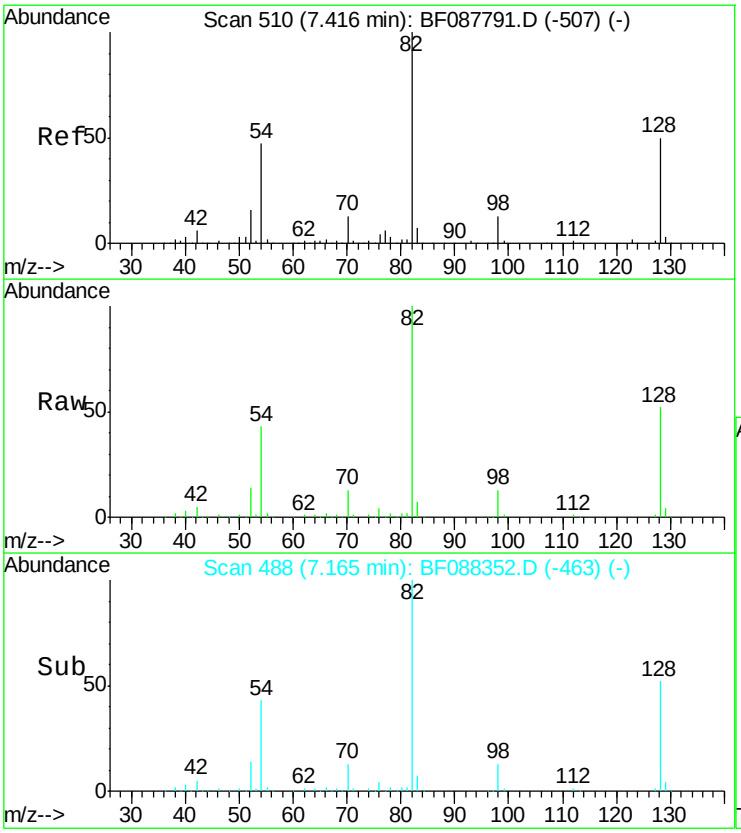
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:136 Resp: 385567

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.1	6.6	10.0#
68	4.5	5.1	7.7#

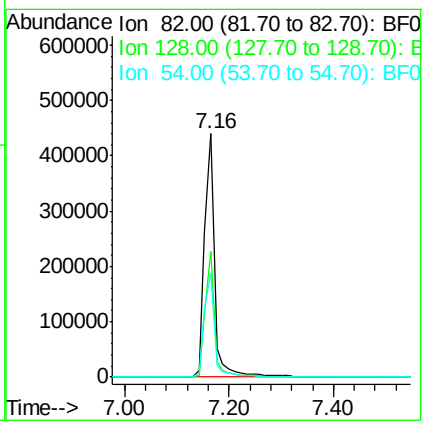


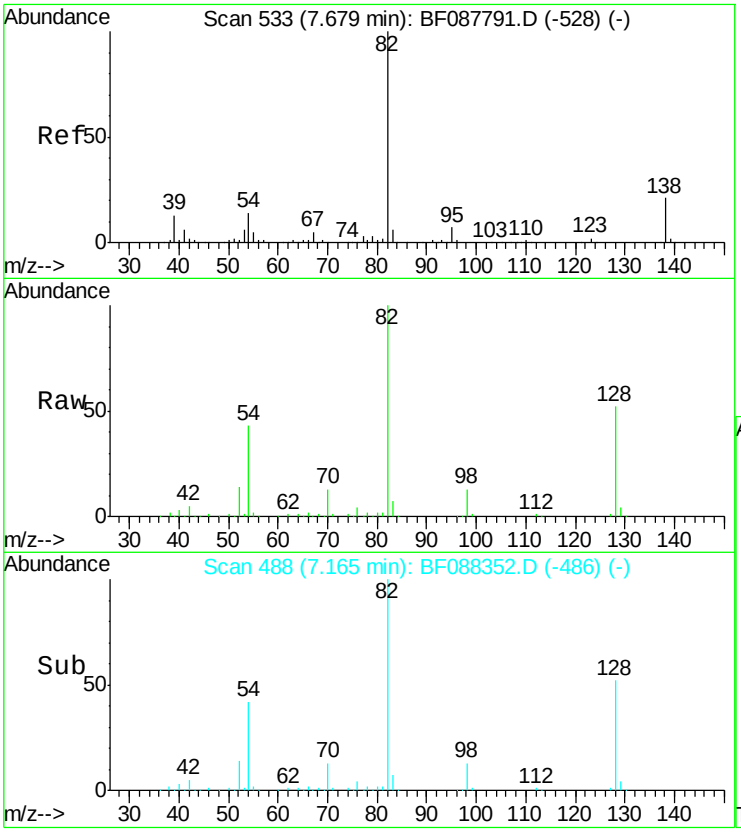


#23
Nitrobenzene-d5
Concen: 89.46 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion: 82 Resp: 590682

Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.9	53.9
54	42.9	40.9	61.3



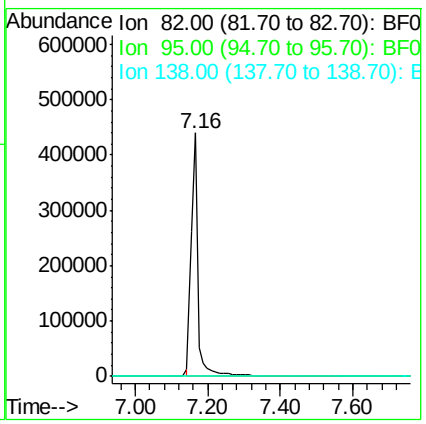


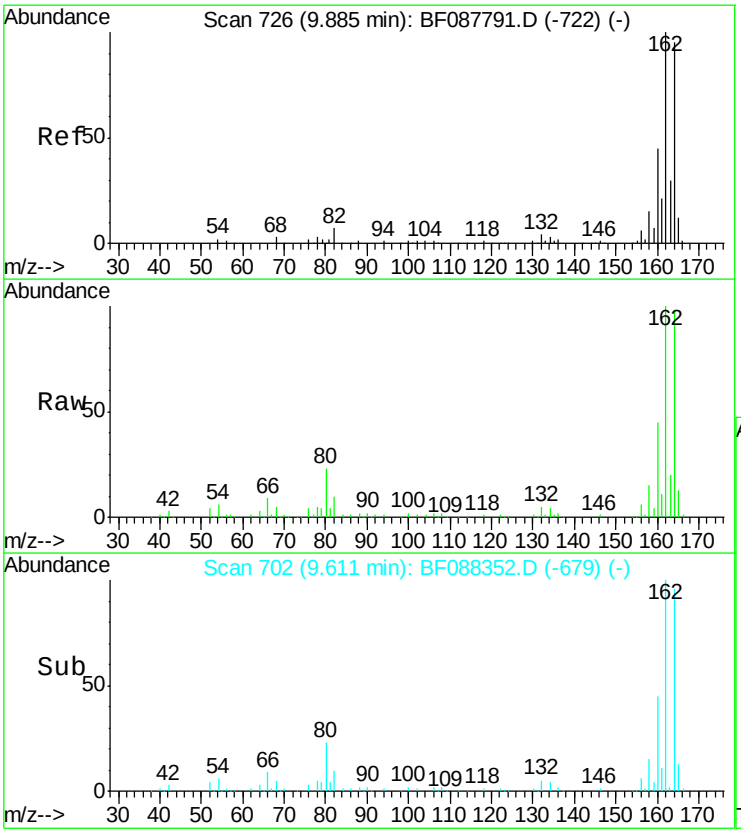
#25
Isophorone
Concen: 48.07 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion: 82 Resp: 587967

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

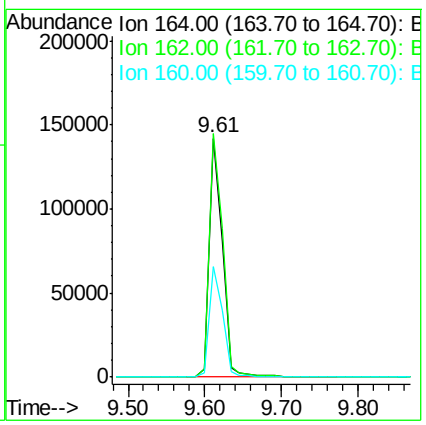


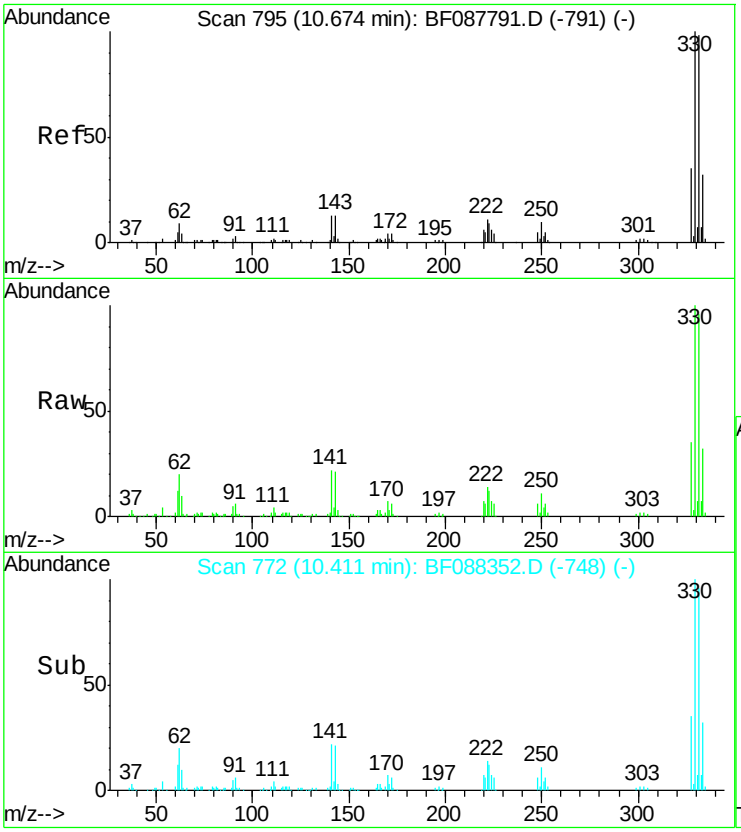


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:164 Resp: 165982

Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.4	128.2
160	46.1	39.5	59.3



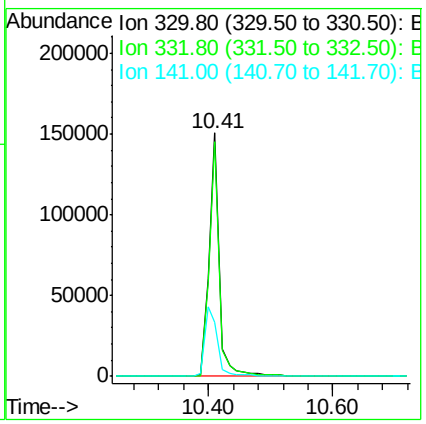


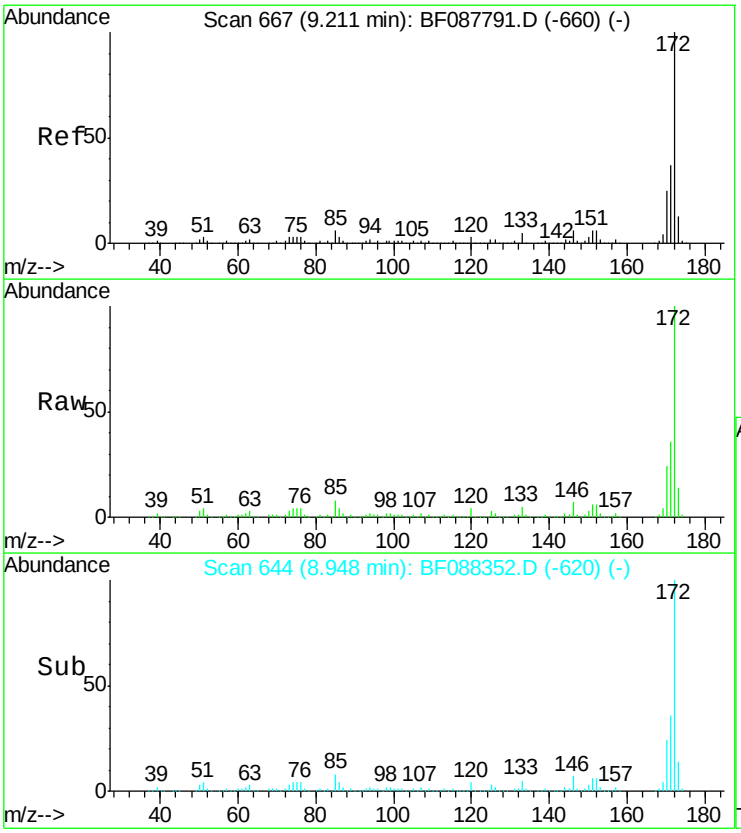
#41
2,4,6-Tribromophenol
Concen: 97.88 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:330 Resp: 171548

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	35.7	0.0	0.0#

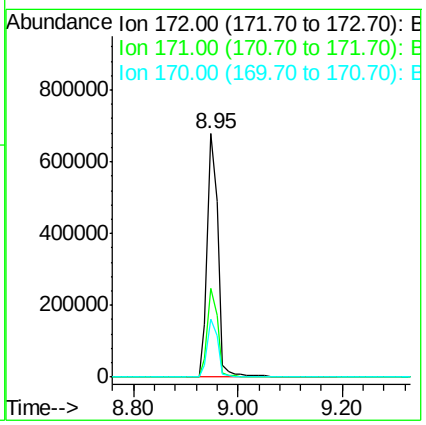


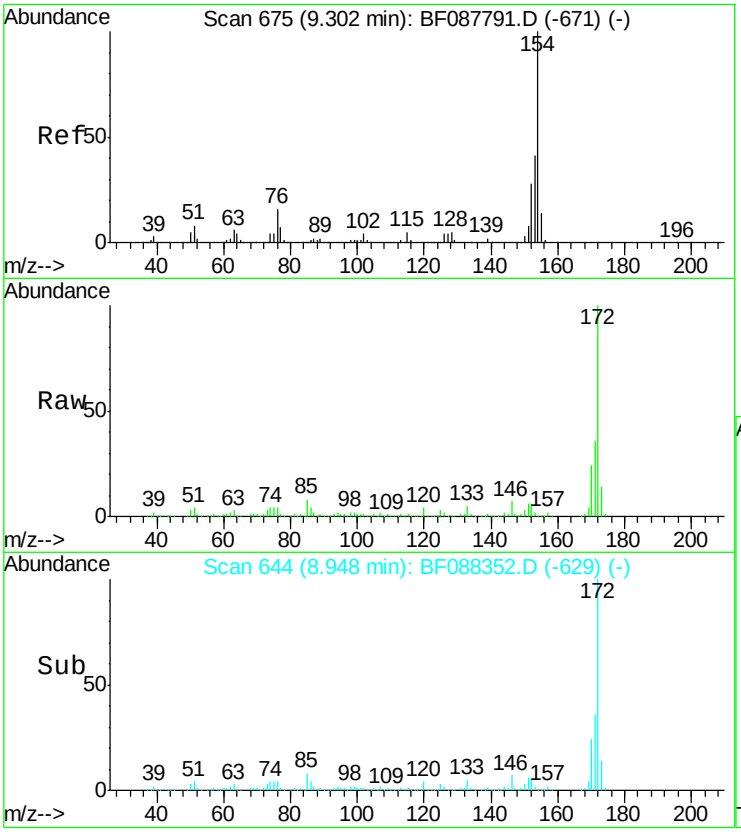


#44
2-Fluorobiphenyl
Concen: 92.55 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:172 Resp: 972654

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.2	28.8



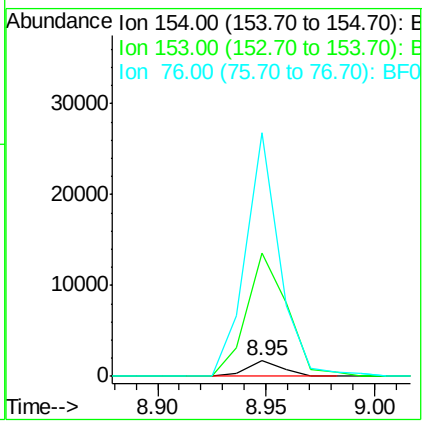


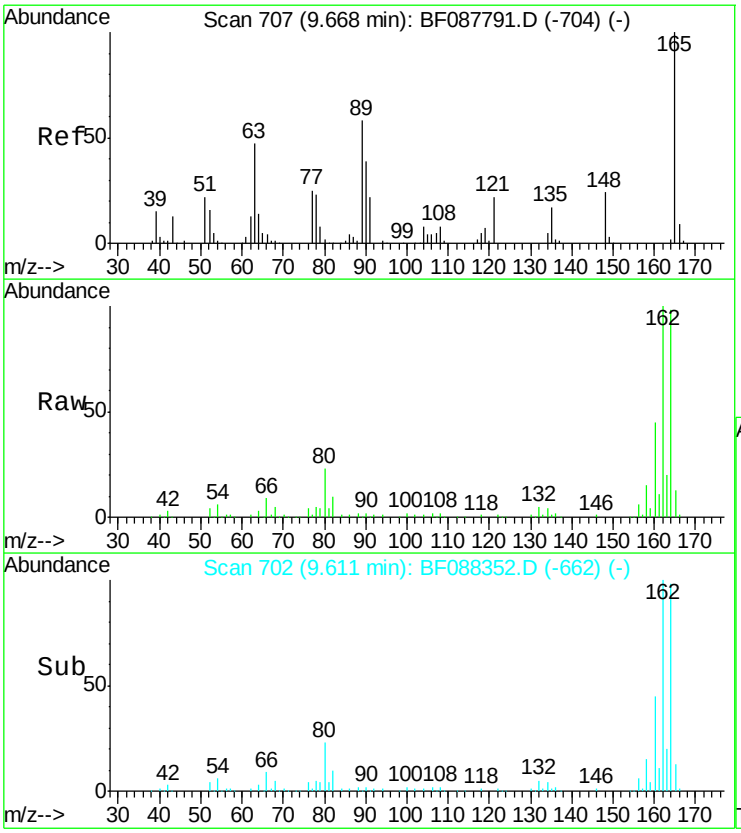
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.95 min Scan# 644
Delta R.T. -0.13 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:154 Resp: 1946

Ion	Ratio	Lower	Upper
154	100		
153	787.4	20.6	60.6#
76	1561.8	0.0	35.1#

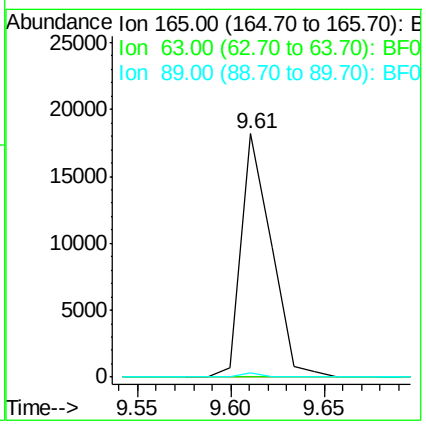


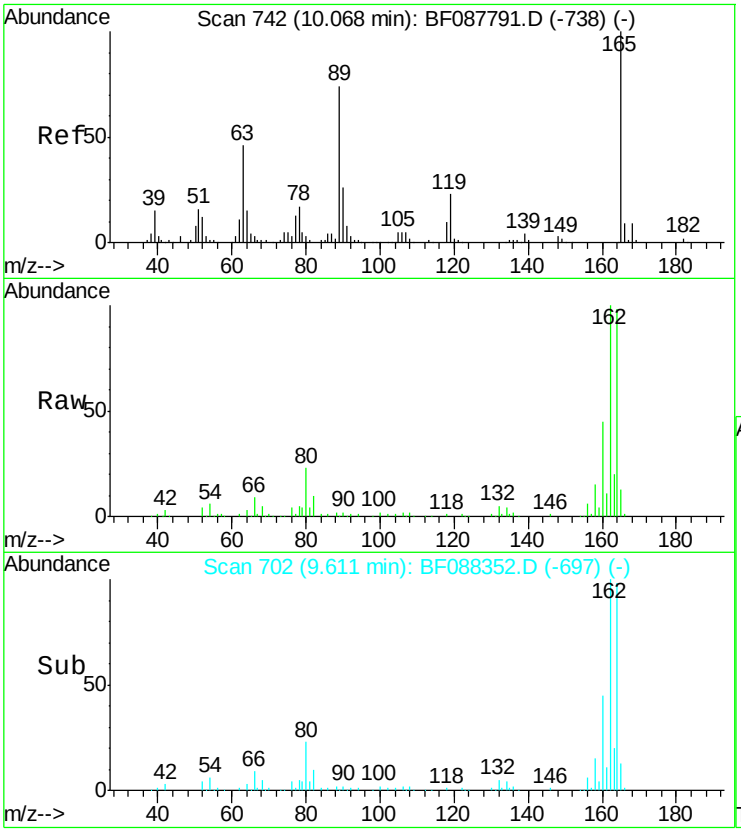


#50
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.16 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:165 Resp: 20424

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.7	32.2	48.2#



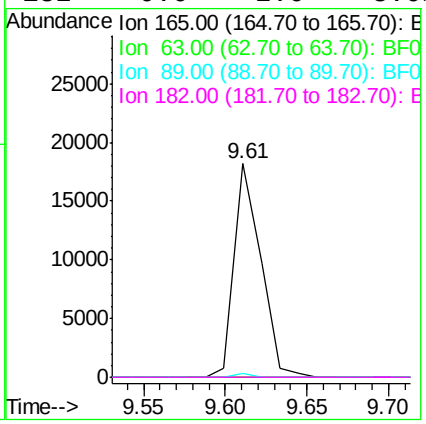


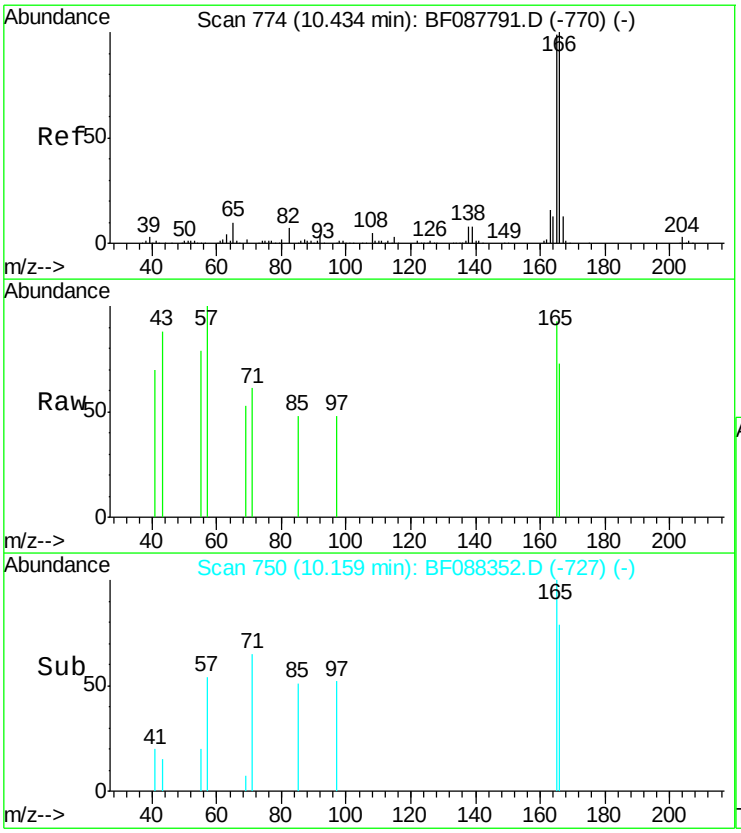
#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:165 Resp: 20425

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

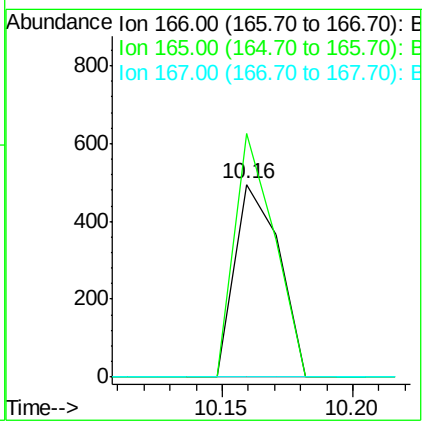


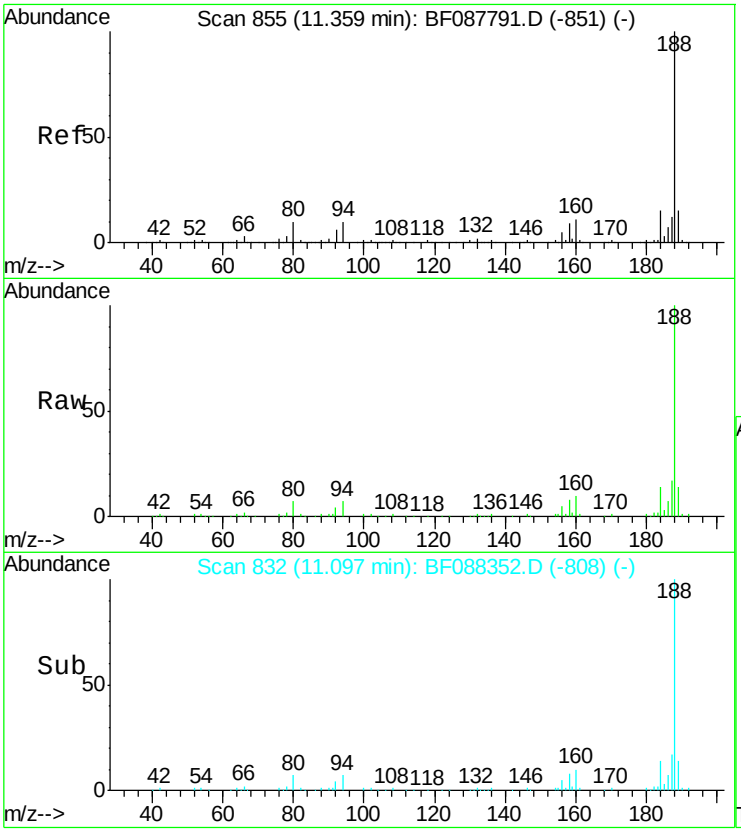


#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:166 Resp: 590

Ion	Ratio	Lower	Upper
166	100		
165	126.5	77.8	116.8#
167	0.0	11.2	16.8#



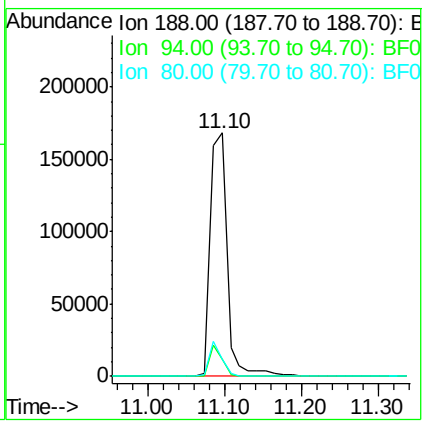


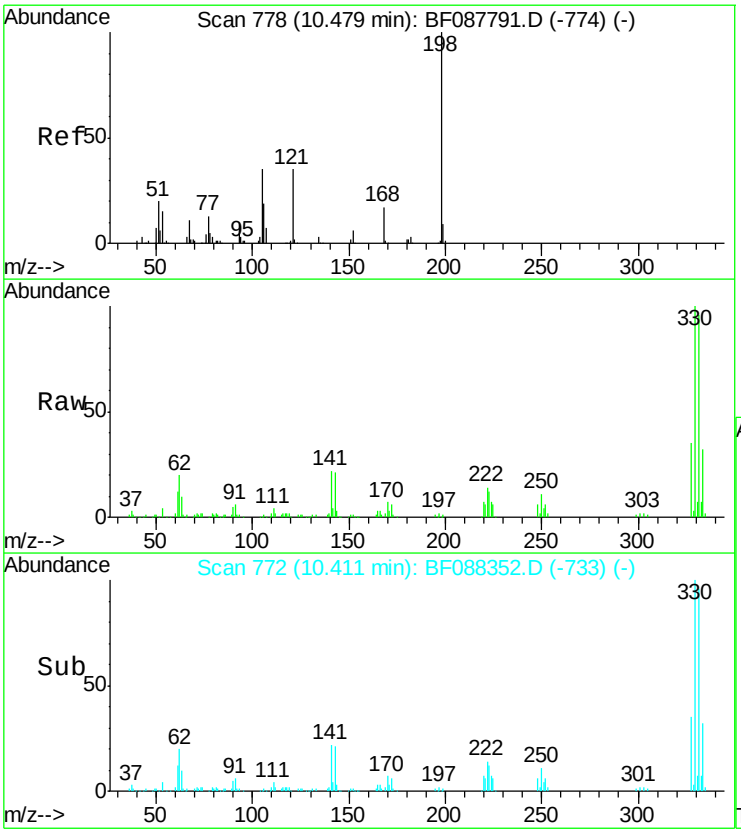
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:188 Resp: 255543

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	7.0	10.0	15.0#

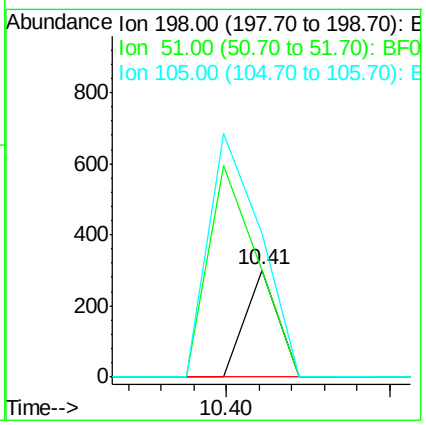


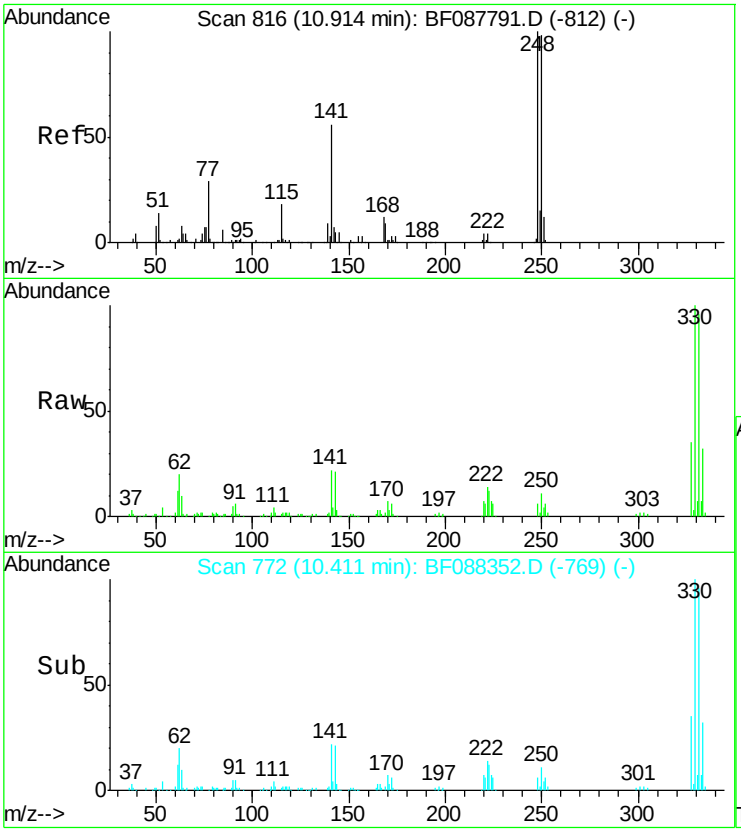


#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.15 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:198 Resp: 206

Ion	Ratio	Lower	Upper
198	100		
51	100.0	39.6	79.6#
105	134.3	36.6	76.6#



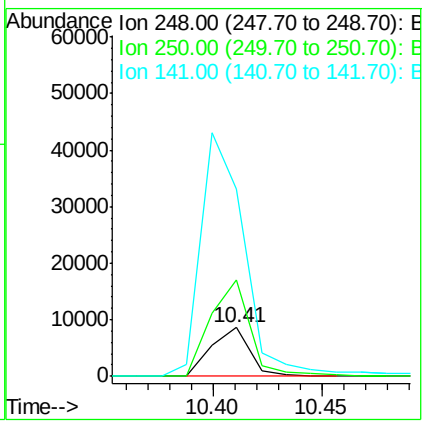


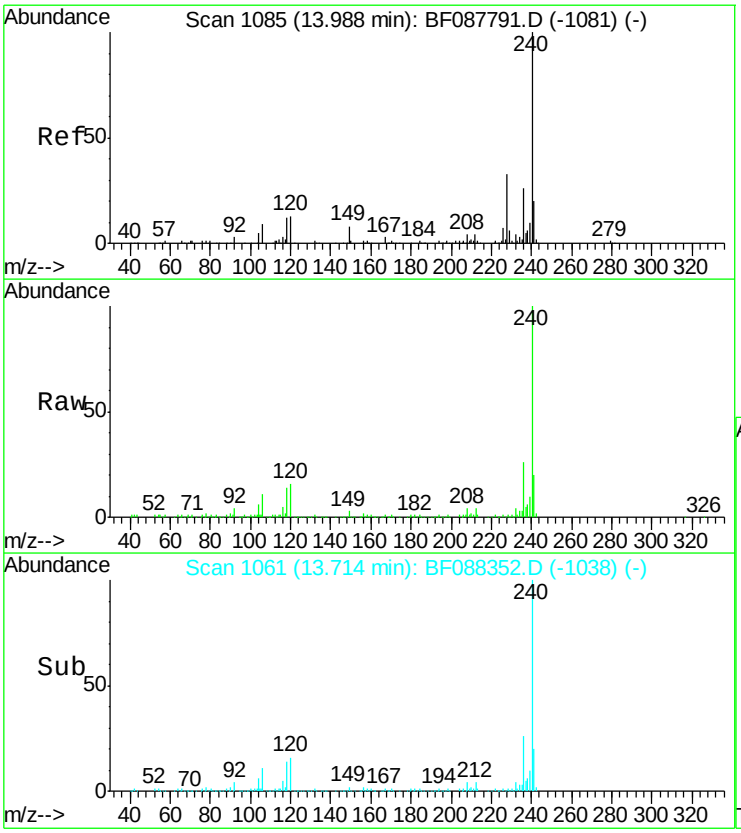
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.26 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:248 Resp: 10668

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	384.0	50.6	76.0#

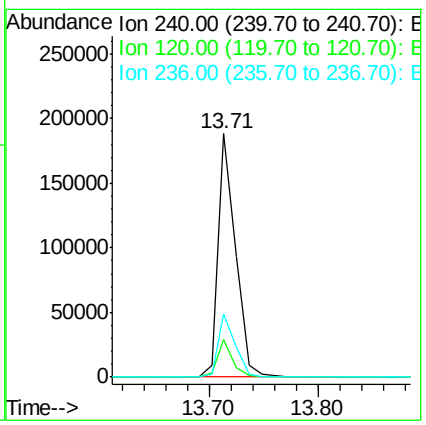


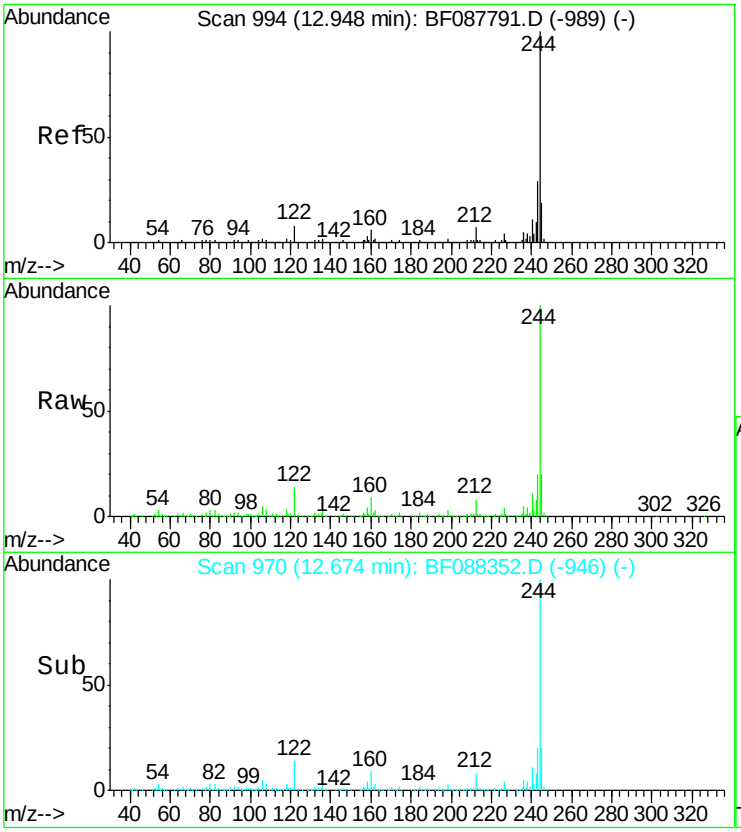


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:240 Resp: 209812

Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	25.7	20.2	30.2



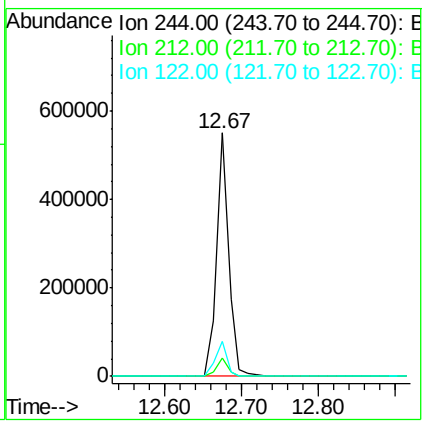


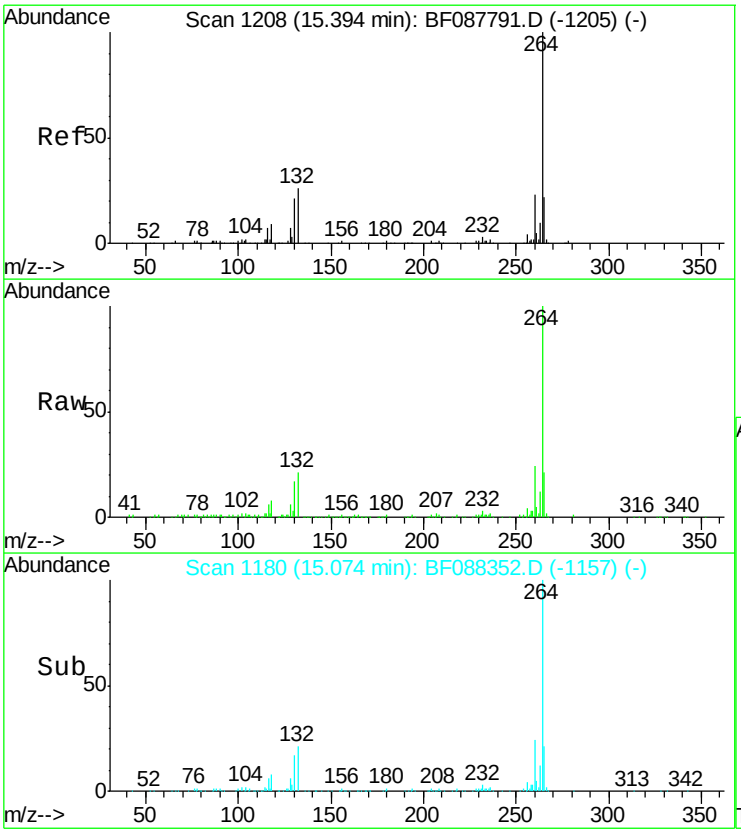
#78
Terphenyl-d14
Concen: 65.42 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:244 Resp: 603191

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:264 Resp: 164749

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	16.9	25.3