Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Time: May 19 05:47:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	117266	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	477091	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	223665	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	372732	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	298707	20.00	ng		-0.05
86) Perylene-d12	15.06	264	284551	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	478265	68.55	ng		-0.03
7) Phenol-d6	6.24	99	391234	41.81	ng		-0.05
23) Nitrobenzene-d5	7.15	82	930076	97.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	346194	140.07	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1474255	109.16	ng		-0.03
78) Terphenyl-d14	12.67	244	1194446	90.45	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	24474	3.62	ng		86
15) Benzyl Alcohol	6.73	79	18294	2.63	ng	#	43
19) n-Nitroso-di-n-propylamine	7.15	70	131847	18.54	ng	#	73
25) Isophorone	7.15	82	718730	41.01	ng	#	68
27) 2,4-Dimethylphenol	7.55	122	107695	14.58	ng		94
32) Benzoic acid	7.68	122	12217	2.77	ng	#	44
35) Caprolactam	8.31	113	4657	2.15	ng	#	1
49) Dimethylphthalate	9.35	163	72526	4.25	ng		99
55) 4-Nitrophenol	9.82	139	6378	5.60	ng	#	70
66) 4-Bromophenyl-phenylether	10.40	248	19928	5.20	ng	#	1

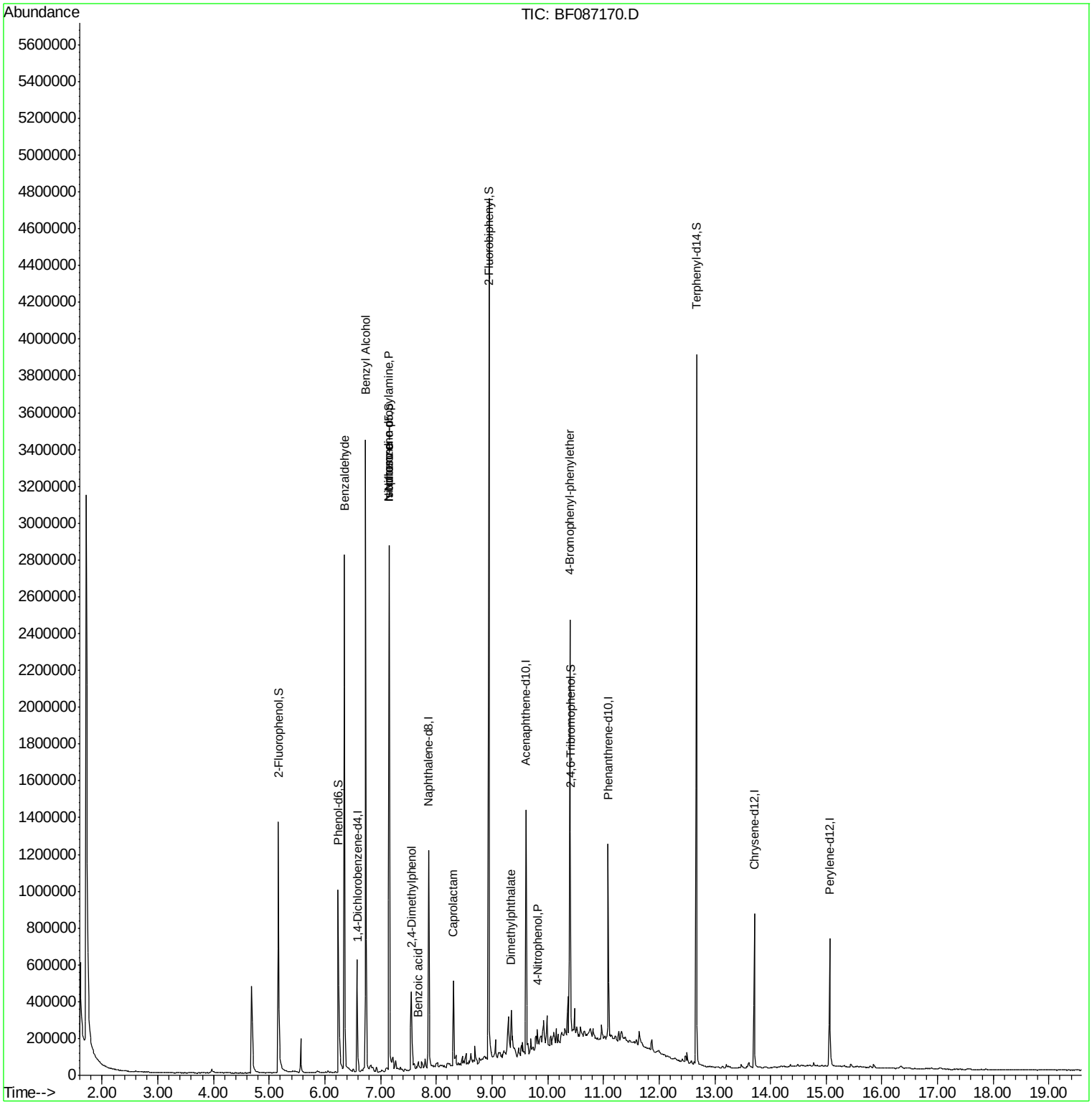
(#) = qualifier out of range (m) = manual integration (+) = signals summed

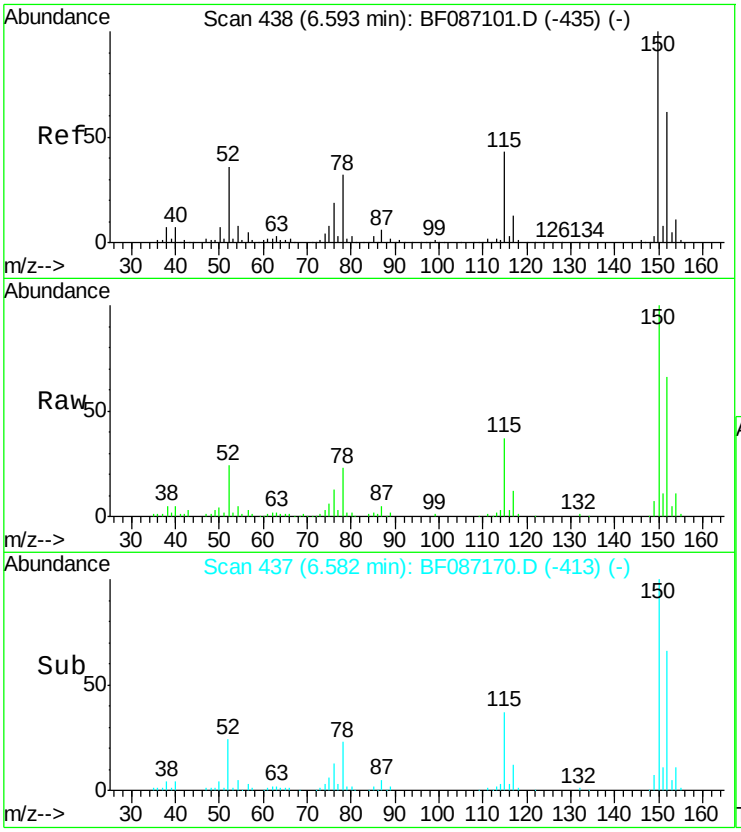
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Time: May 19 05:47:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



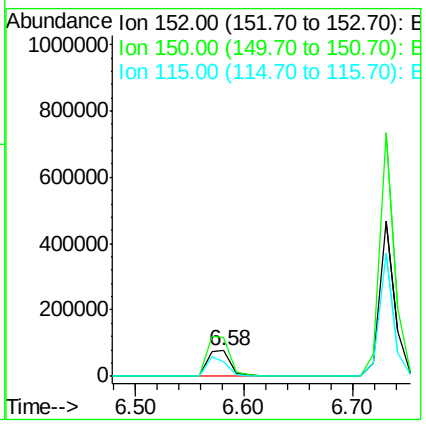


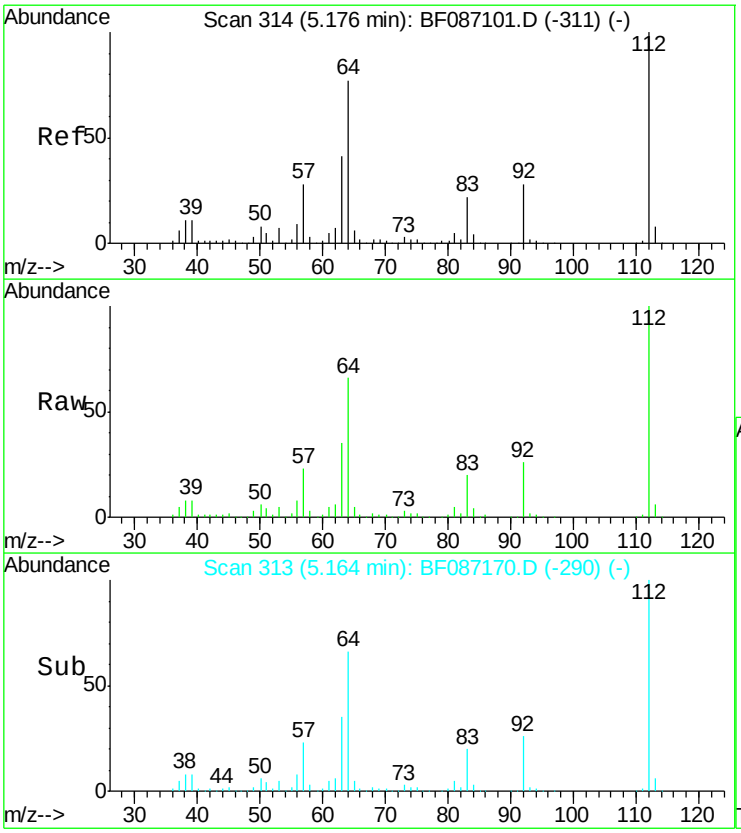
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:152 Resp: 117266

Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.8	188.6
115	55.5	51.5	77.3

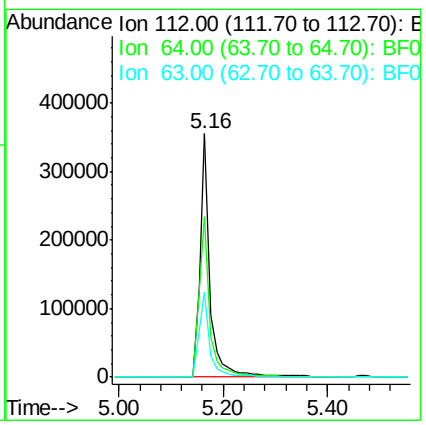


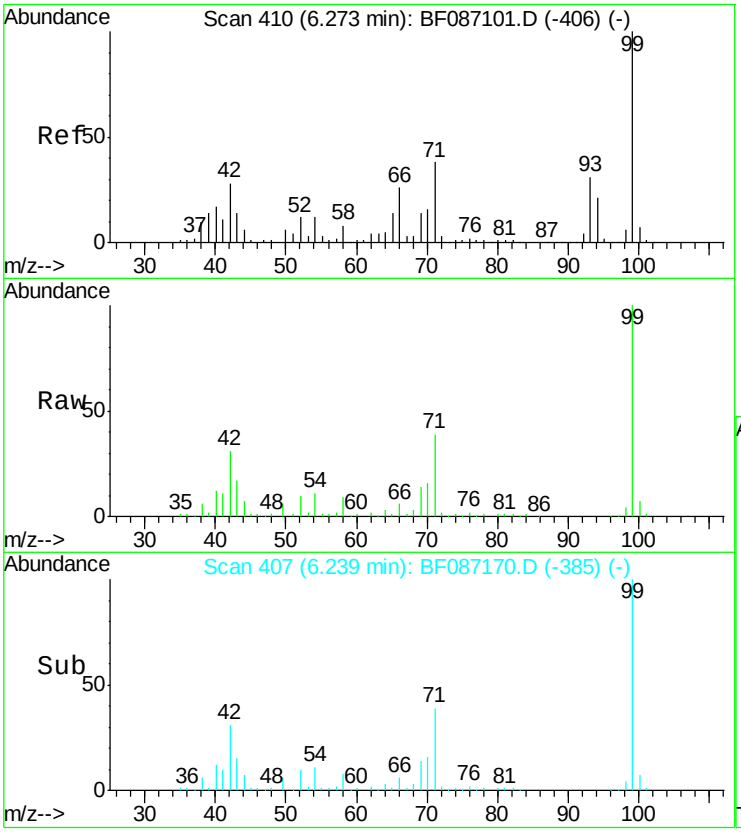


#5
2-Fluorophenol
Concen: 68.55 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:112 Resp: 478265

Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.1	78.1
63	35.1	25.7	38.5



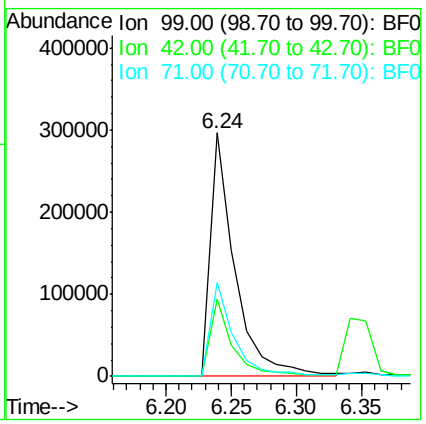


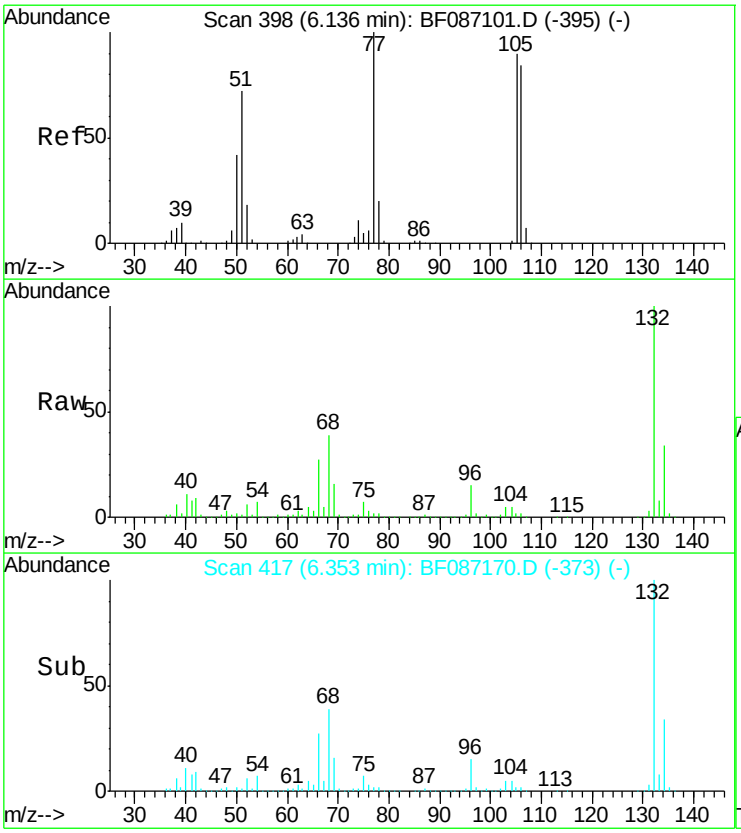
#7
Phenol-d6
Concen: 41.81 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion: 99 Resp: 391234

Ion	Ratio	Lower	Upper
99	100		
42	31.5	13.6	20.4#
71	38.7	24.6	36.8#

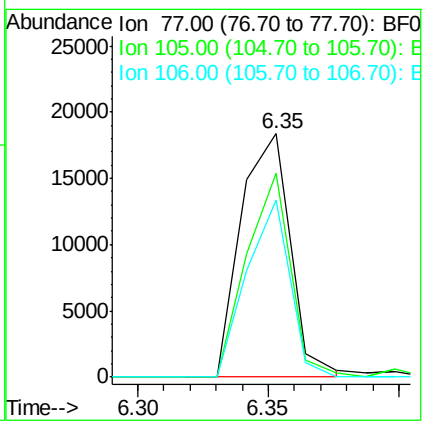


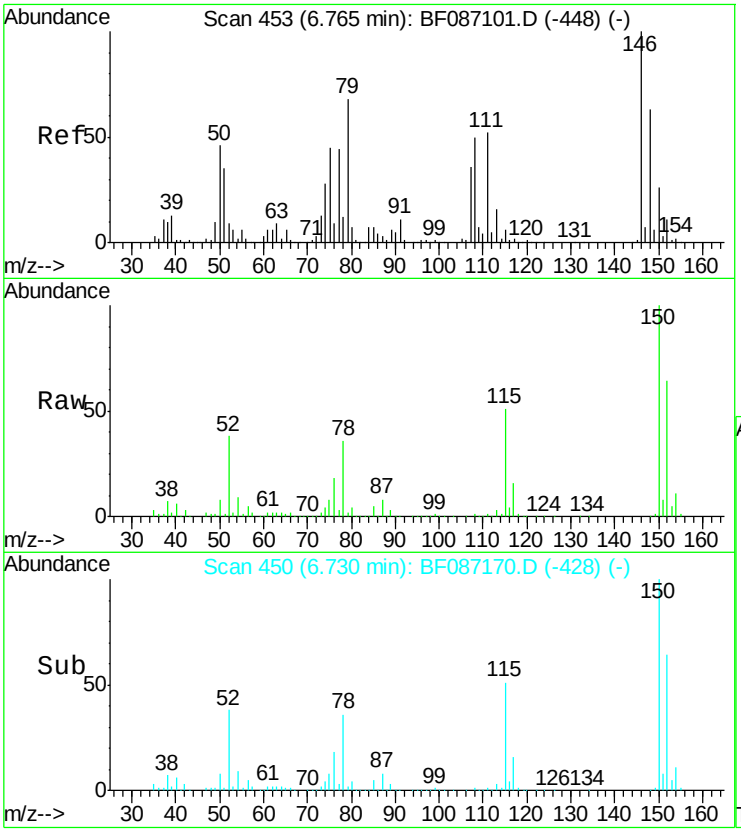


#9
Benzaldehyde
Concen: 3.62 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion: 77 Resp: 24474

Ion	Ratio	Lower	Upper
77	100		
105	83.9	72.7	112.7
106	72.7	70.8	110.8



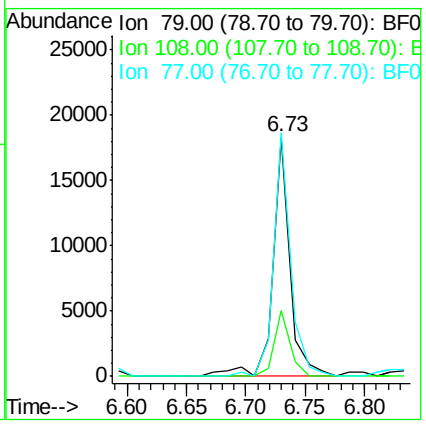


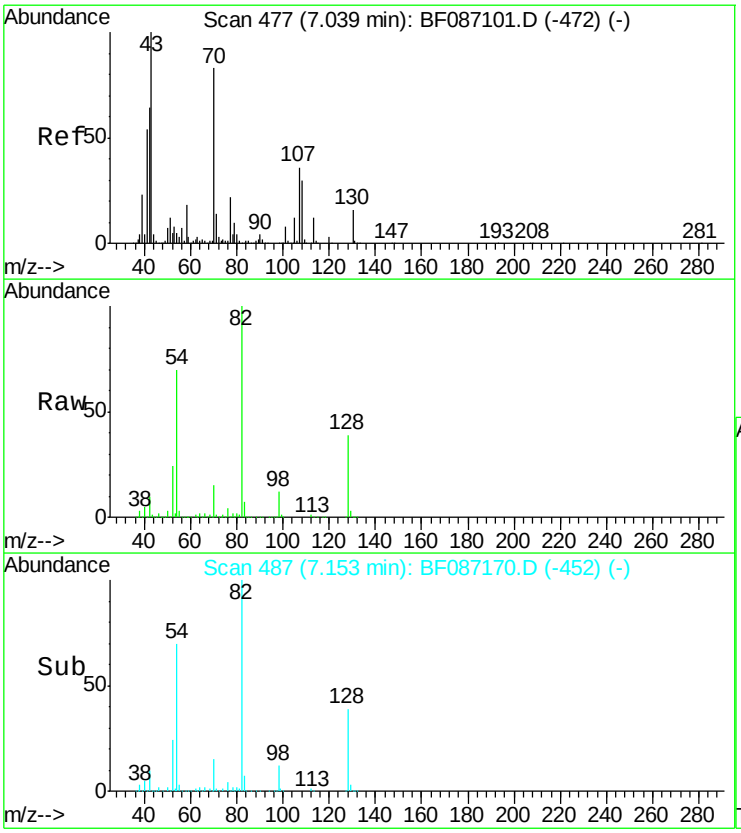
#15
Benzyl Alcohol
Concen: 2.63 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion: 79 Resp: 18294

Ion	Ratio	Lower	Upper
79	100		
108	27.7	68.4	102.6#
77	102.1	50.6	76.0#

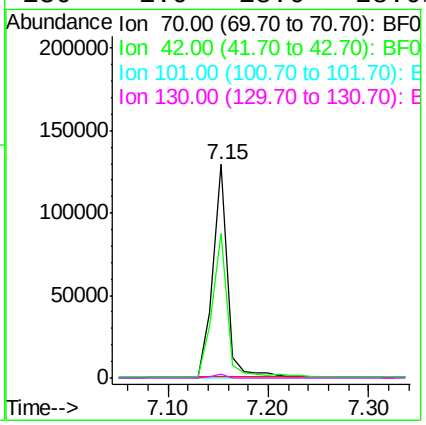


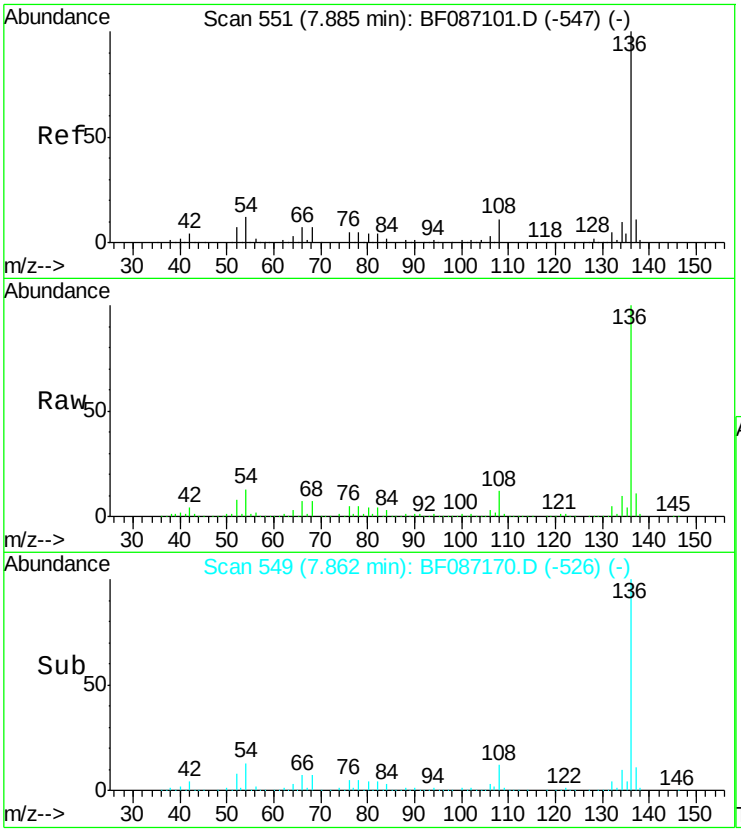


#19
n-Nitroso-di-n-propylamine
Concen: 18.54 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion: 70 Resp: 131847

Ion	Ratio	Lower	Upper
70	100		
42	68.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



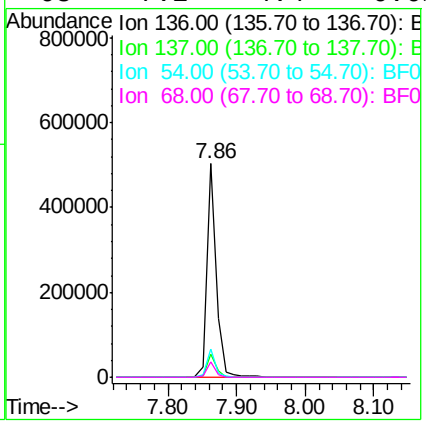


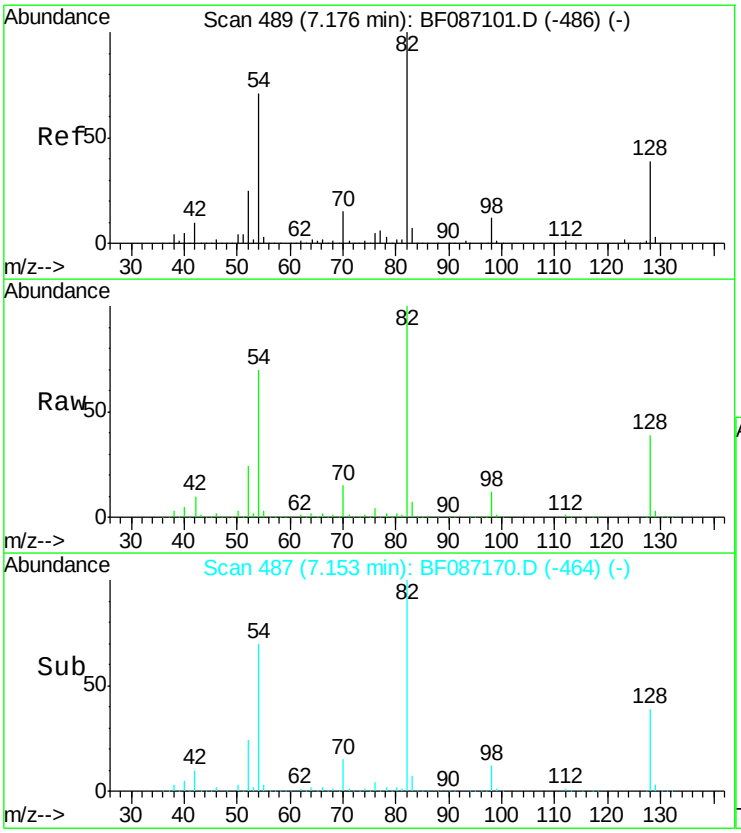
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:136 Resp: 477091

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.2	5.0	7.4#
68	7.2	4.4	6.6#

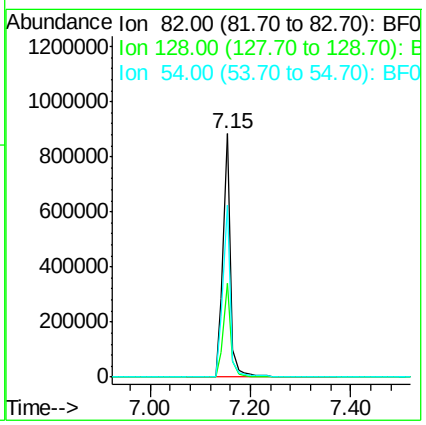


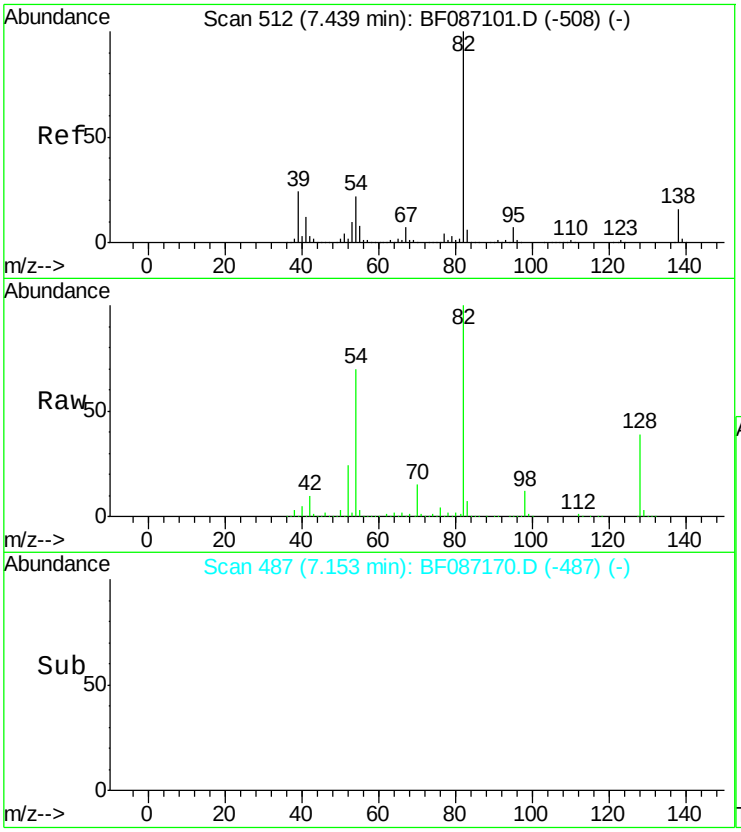


#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion: 82 Resp: 930076

Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	70.4	38.1	57.1#



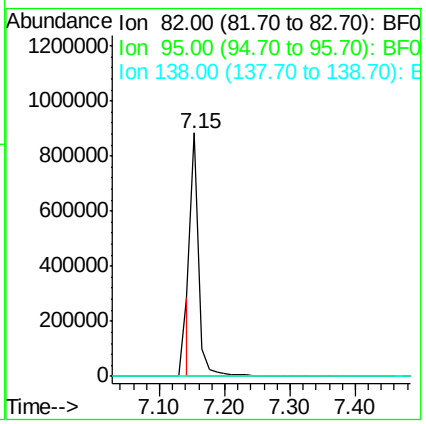


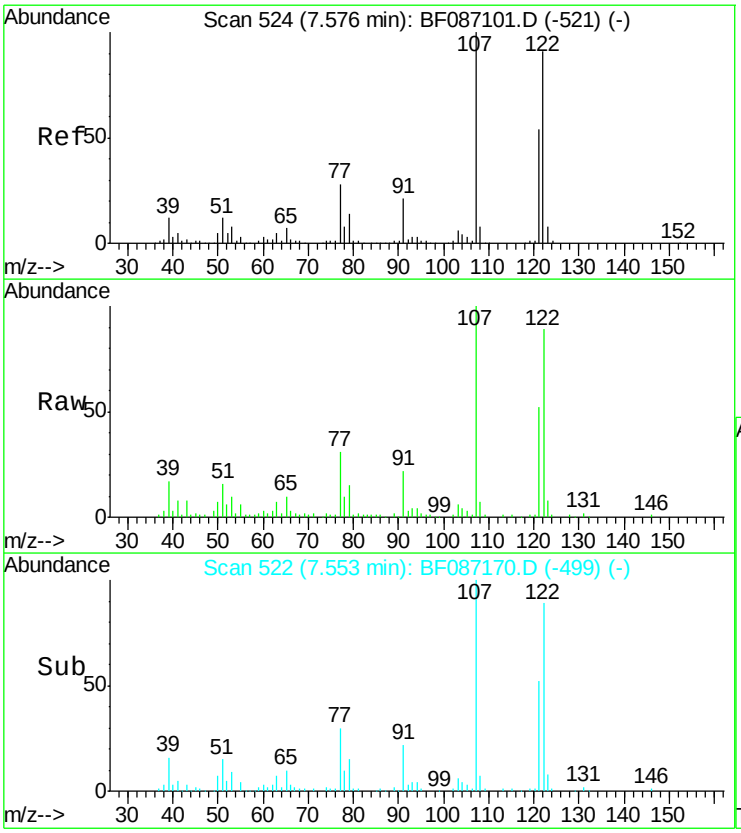
#25
Isophorone
Concen: 41.01 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion: 82 Resp: 718730

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

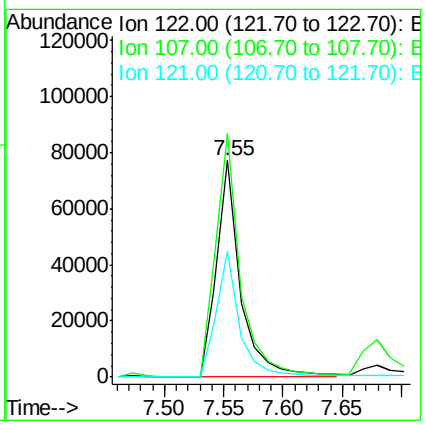


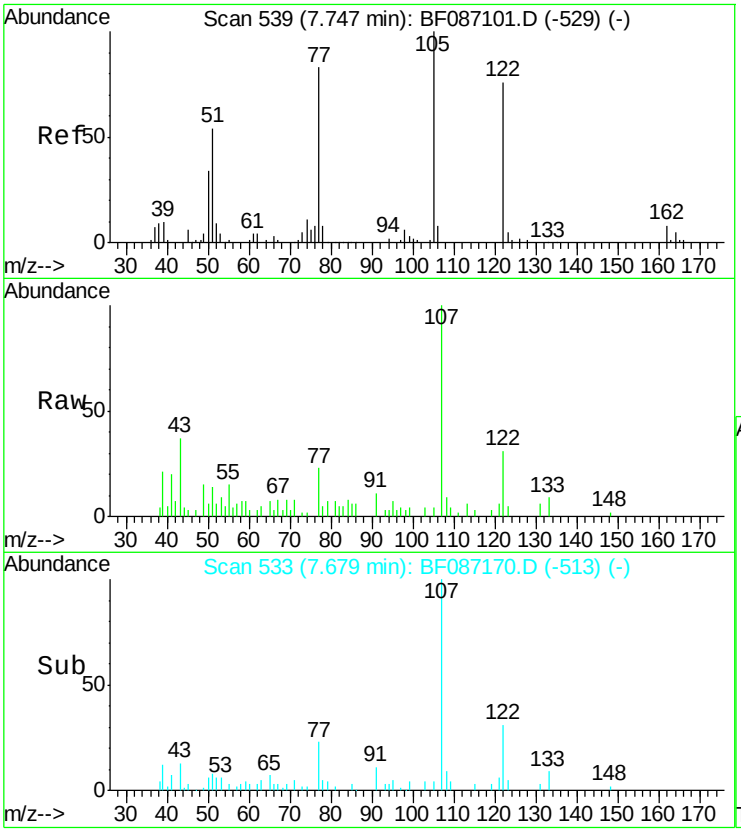


#27
2,4-Dimethylphenol
Concen: 14.58 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:122 Resp: 107695

Ion	Ratio	Lower	Upper
122	100		
107	112.4	82.0	123.0
121	58.0	46.1	69.1



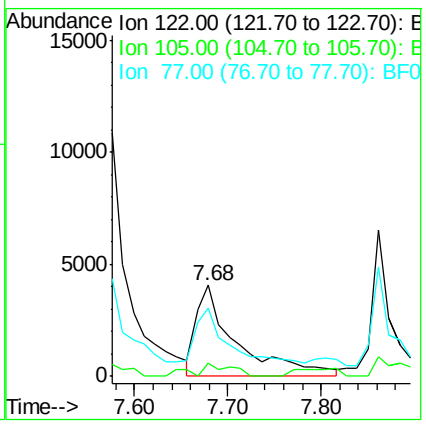


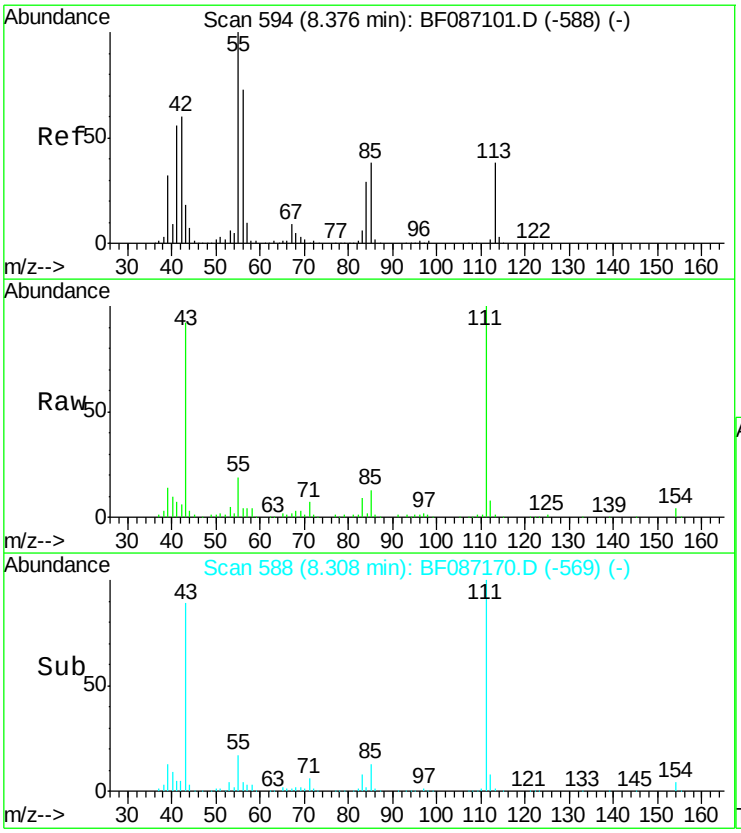
#32
Benzoic acid
Concen: 2.77 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:122 Resp: 12217

Ion	Ratio	Lower	Upper
122	100		
105	14.1	92.6	132.6#
77	74.3	60.0	100.0

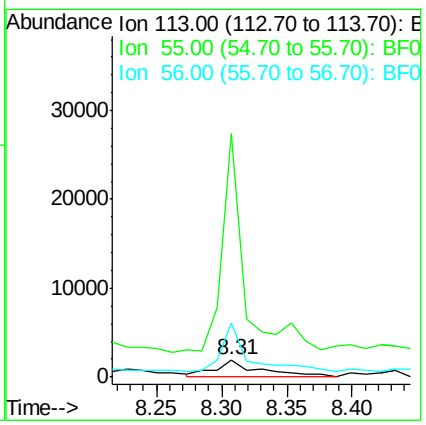


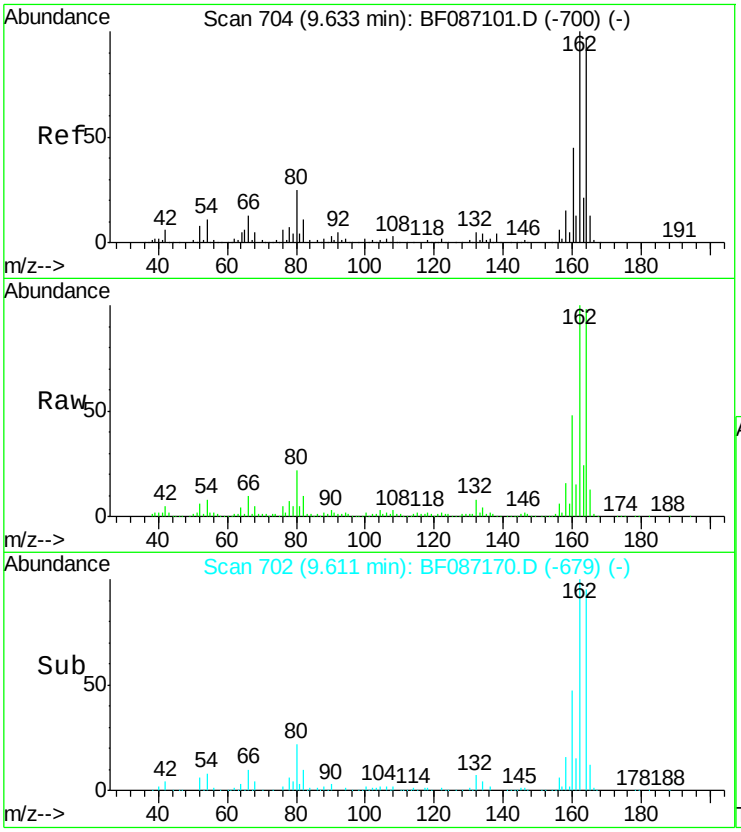


#35
Caprolactam
Concen: 2.15 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.08 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:113 Resp: 4657

Ion	Ratio	Lower	Upper
113	100		
55	1418.2	162.0	202.0#
56	317.5	115.3	155.3#



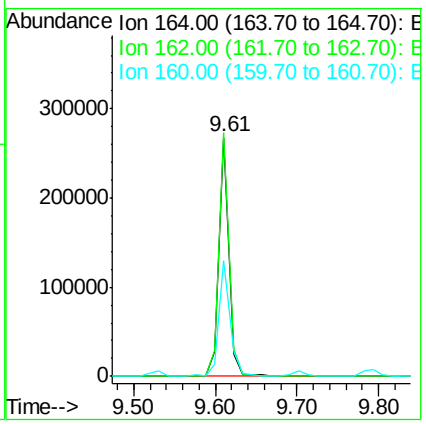


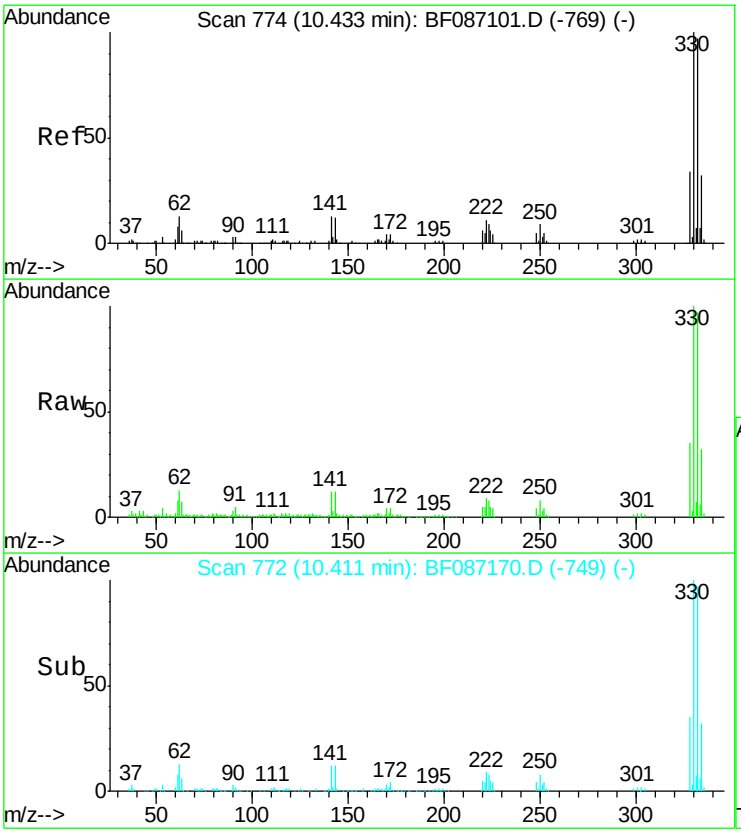
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:164 Resp: 223665

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	48.4	36.9	55.3

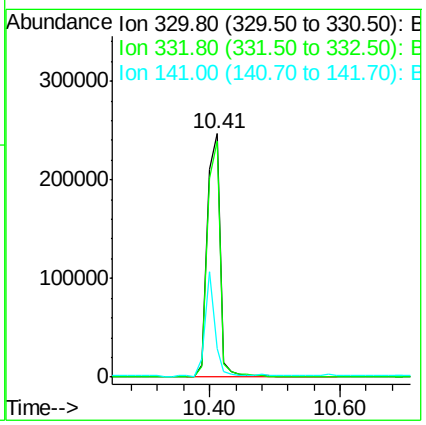


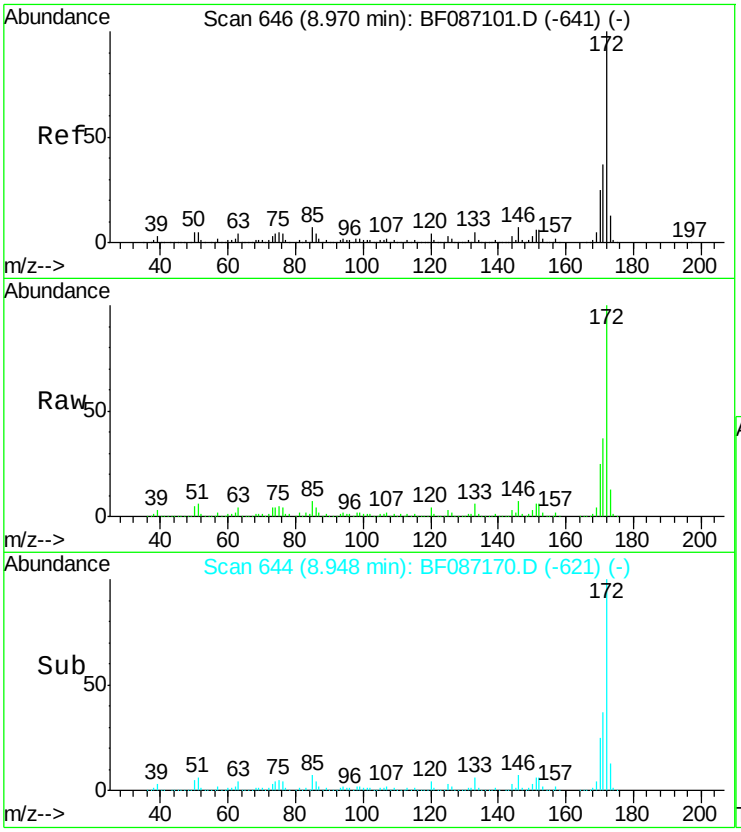


#41
2,4,6-Tribromophenol
Concen: 140.07 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:330 Resp: 346194

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	32.2	31.2	46.8



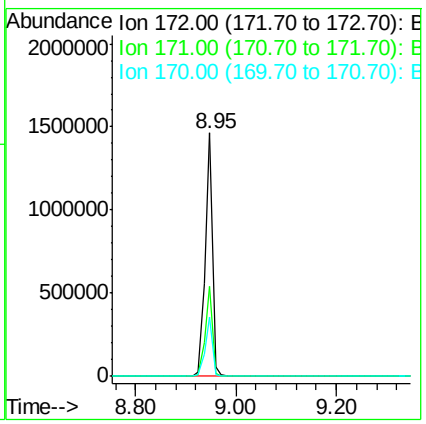


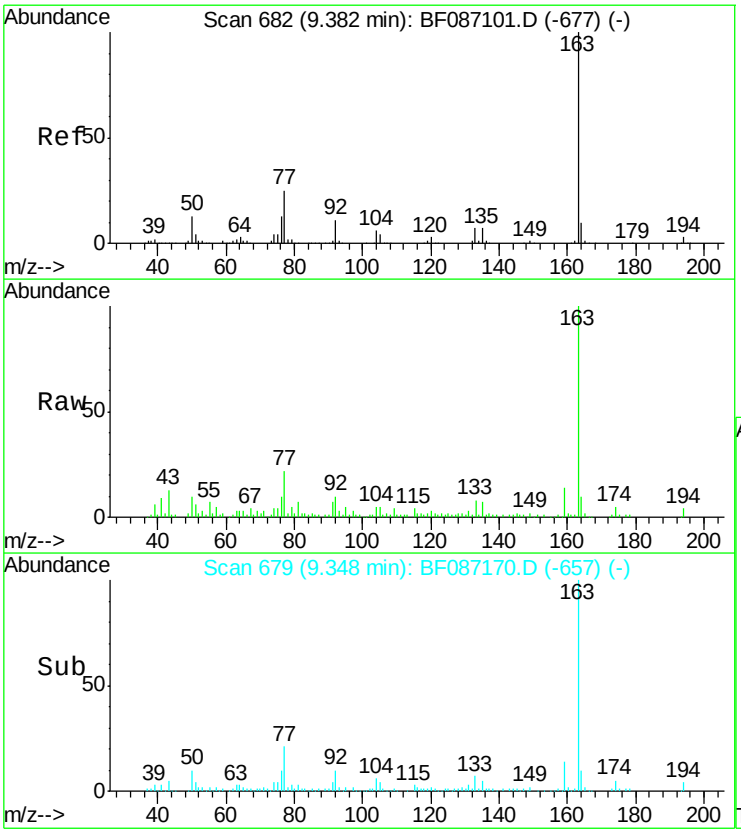
#44
2-Fluorobiphenyl
Concen: 109.16 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:172 Resp: 1474255

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.6	19.8	29.8

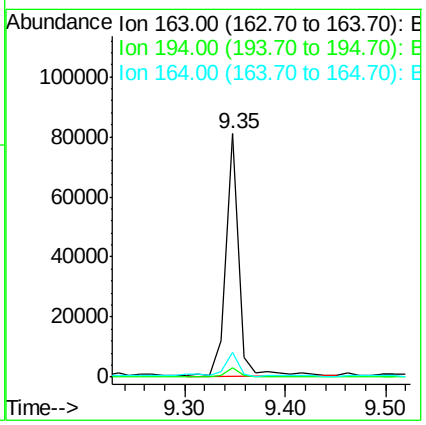


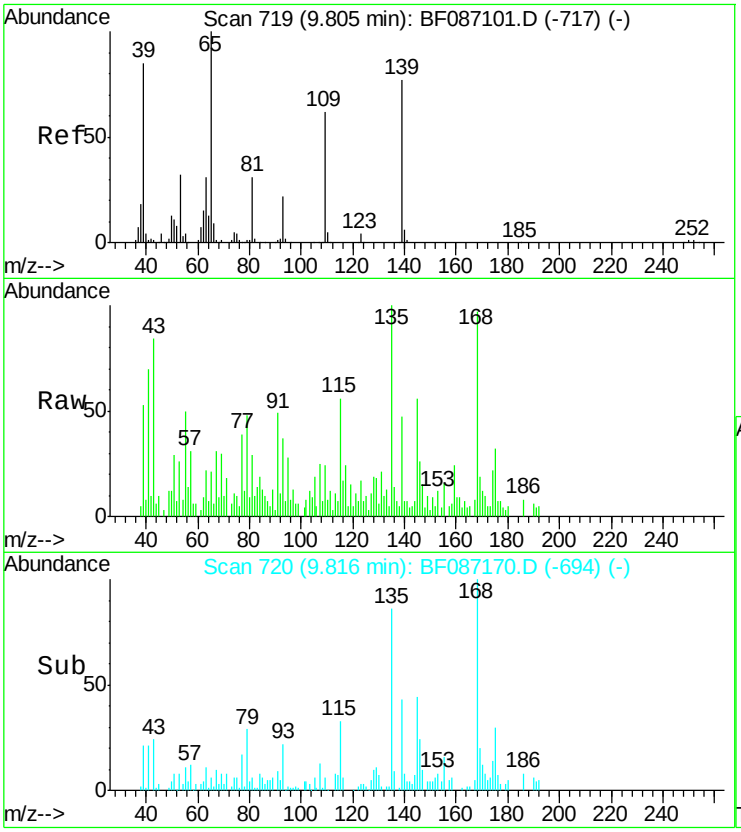


#49
Dimethylphthalate
Concen: 4.25 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:163 Resp: 72526

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.2	12.4



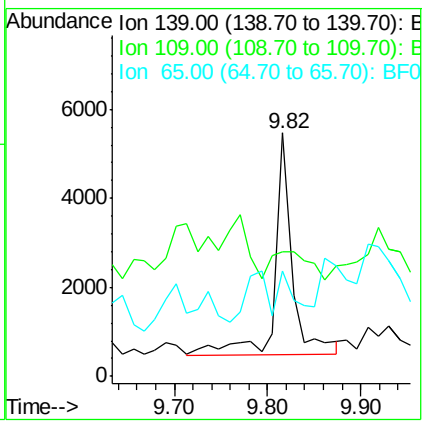


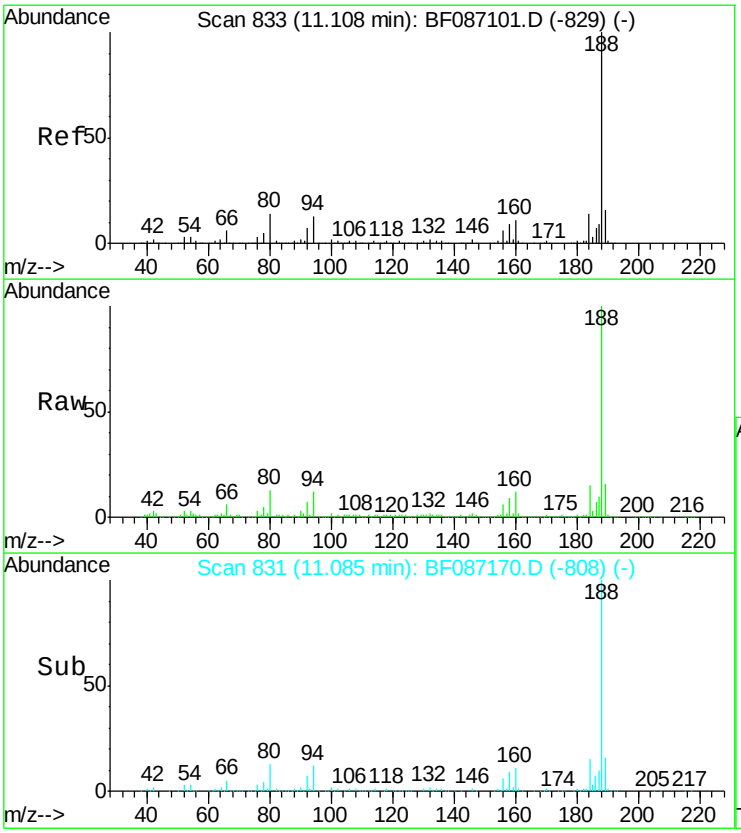
#55
4-Nitrophenol
Concen: 5.60 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:139 Resp: 6378

Ion	Ratio	Lower	Upper
139	100		
109	51.3	36.9	76.9
65	43.5	64.0	104.0#

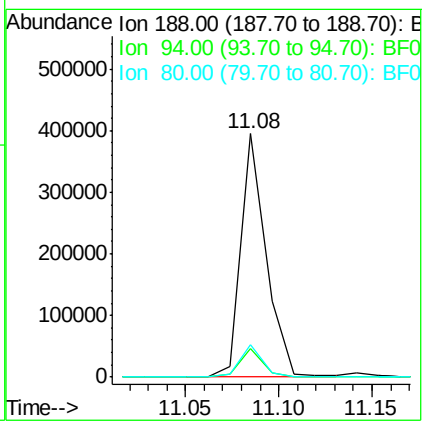


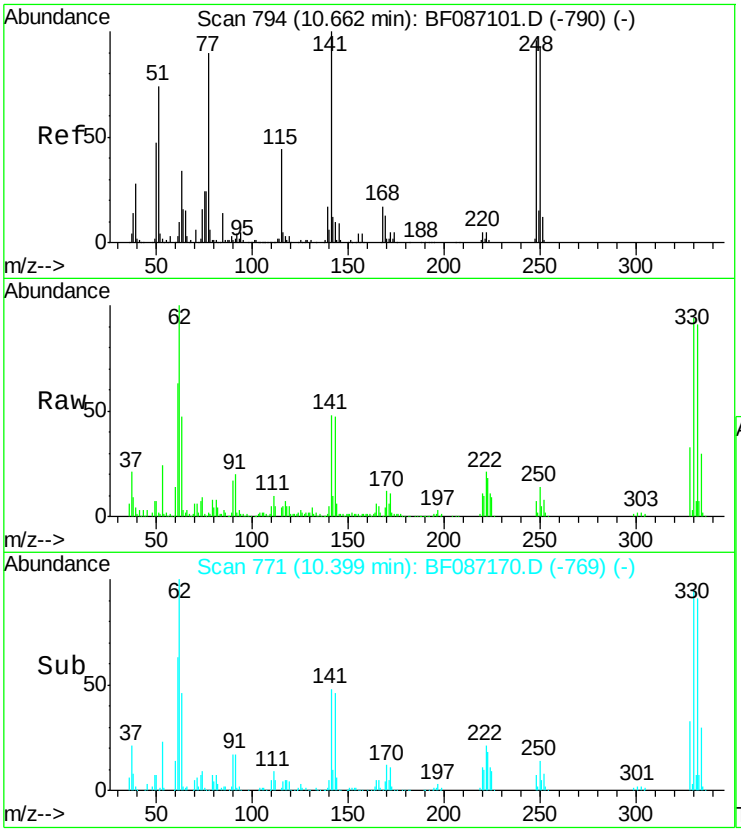


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:188 Resp: 372732

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	13.4	7.1	10.7#



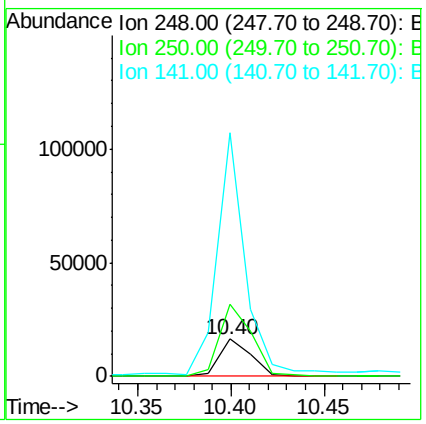


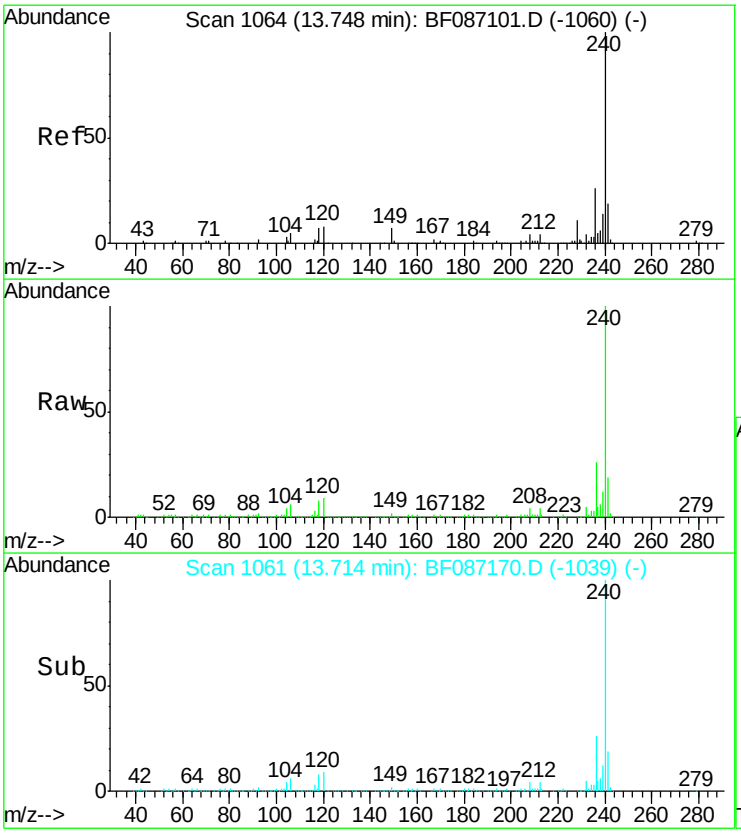
#66
4-Bromophenyl-phenylether
Concen: 5.20 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:248 Resp: 19928

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.6	117.8#
141	655.5	76.0	114.0#

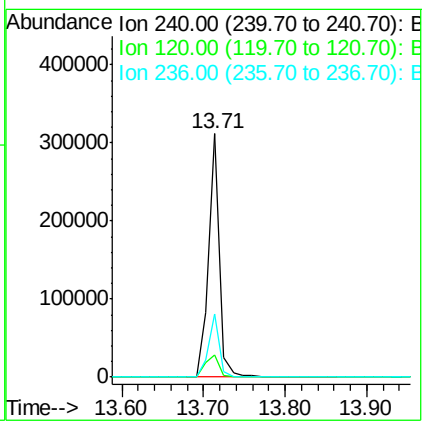


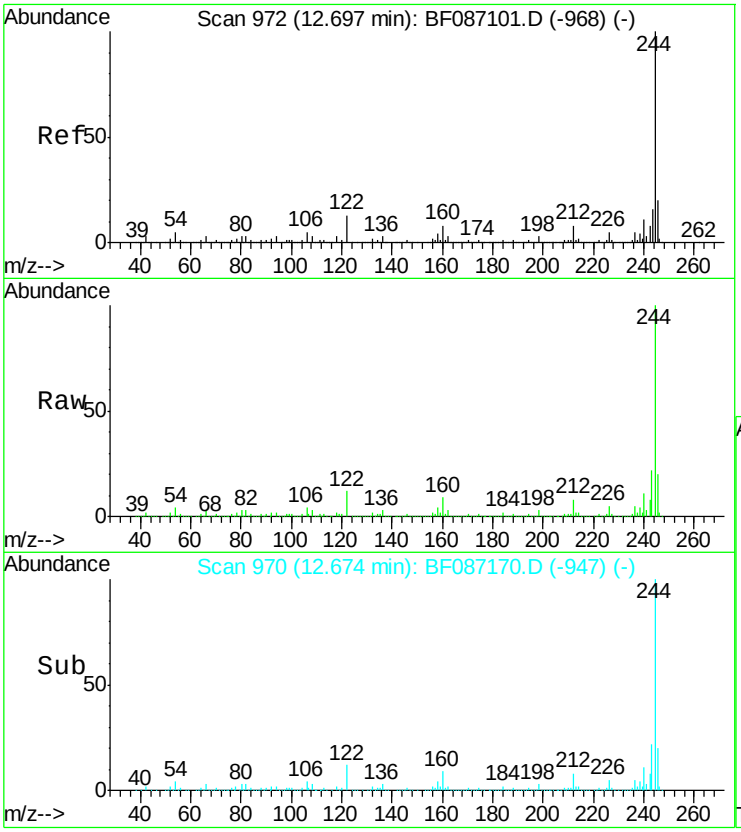


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:240 Resp: 298707

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	26.0	21.2	31.8



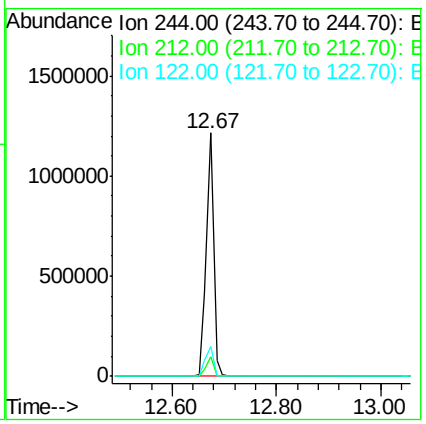


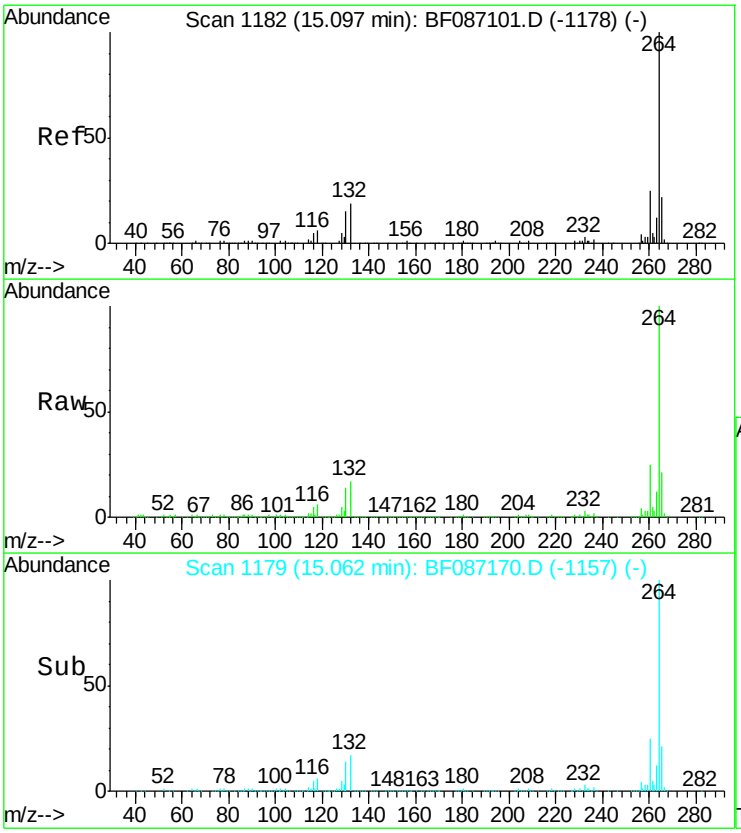
#78
Terphenyl-d14
Concen: 90.45 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:244 Resp: 1194446

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:264 Resp: 284551

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.2	17.3	25.9