Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087837.D
Acq On : 9 Jun 2016 6:44
Operator : UM/SJ
Sample : H3405-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-COMP-0.5-10.0

Quant Time: Jun 09 07:53:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107286	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	438805	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	166860	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	261711	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	243841	20.00	ng		0.00
86) Perylene-d12	15.41	264	179881	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	747660	119.14	ng		0.00
7) Phenol-d6	6.46	99	885814	116.47	ng		-0.02
23) Nitrobenzene-d5	7.39	82	576769	76.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	171662	97.43	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	866687	81.36	ng		-0.01
78) Terphenyl-d14	12.94	244	582189	54.33	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	4832	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.39	70	75302	15.48	ng	#	71
45) 1,1'-Biphenyl	9.19	154	1544	Below Cal		#	1
49) Dimethylphthalate	9.59	163	142387	11.78	ng		99
56) 2,4-Dinitrotoluene	9.87	165	20710	5.82	ng	#	37
57) Fluorene	10.41	166	317	Below Cal		#	95
66) 4-Bromophenyl-phenylether	10.65	248	9033	3.22	ng	#	1
74) Fluoranthene	12.56	202	32310	2.23	ng		97
88) Benzo(k)fluoranthene	15.01	252	22239	2.35	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087837.D
Acq On : 9 Jun 2016 6:44
Operator : UM/SJ
Sample : H3405-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-COMP-0.5-10.0

Quant Time: Jun 09 07:53:10 2016
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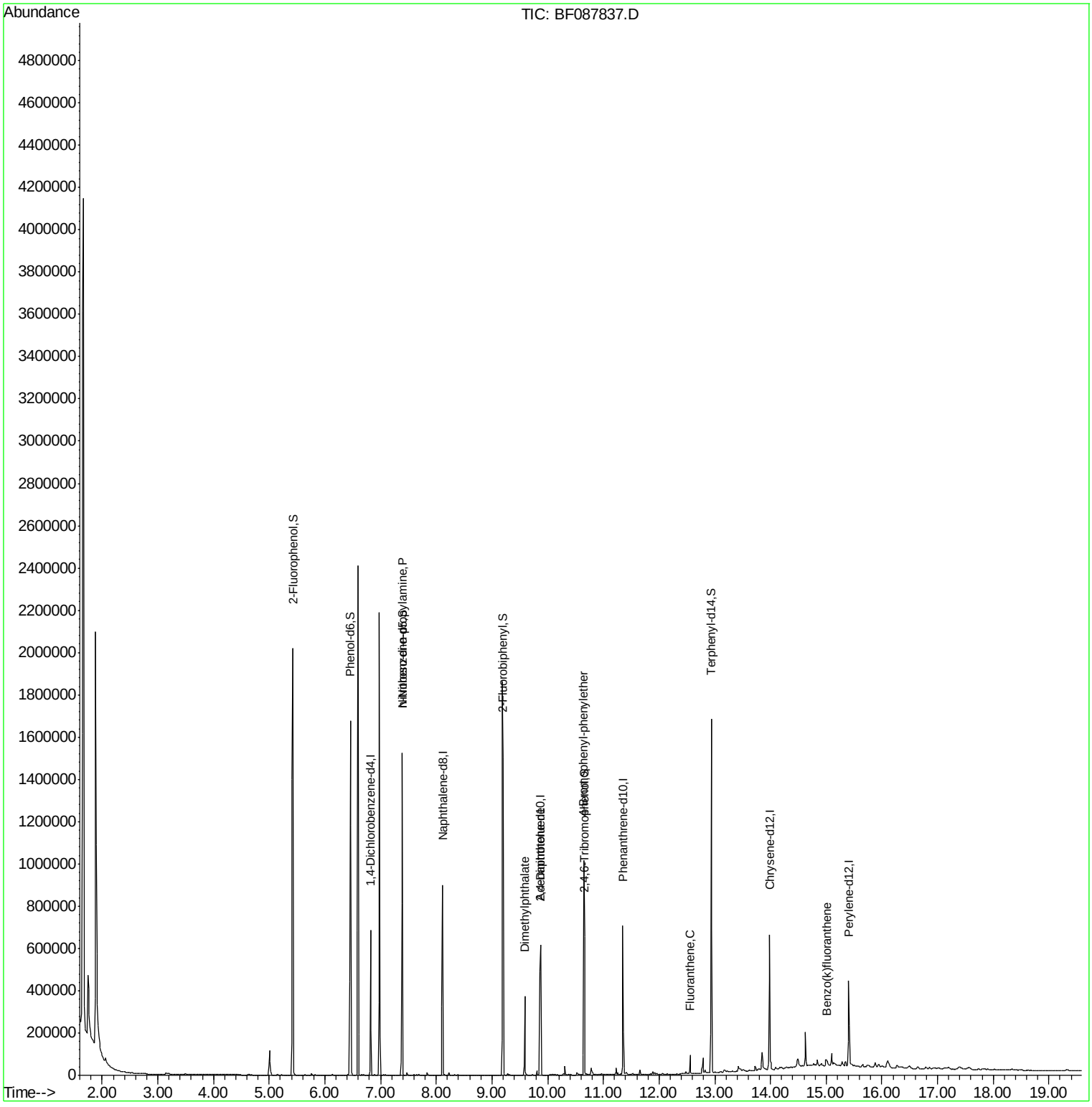
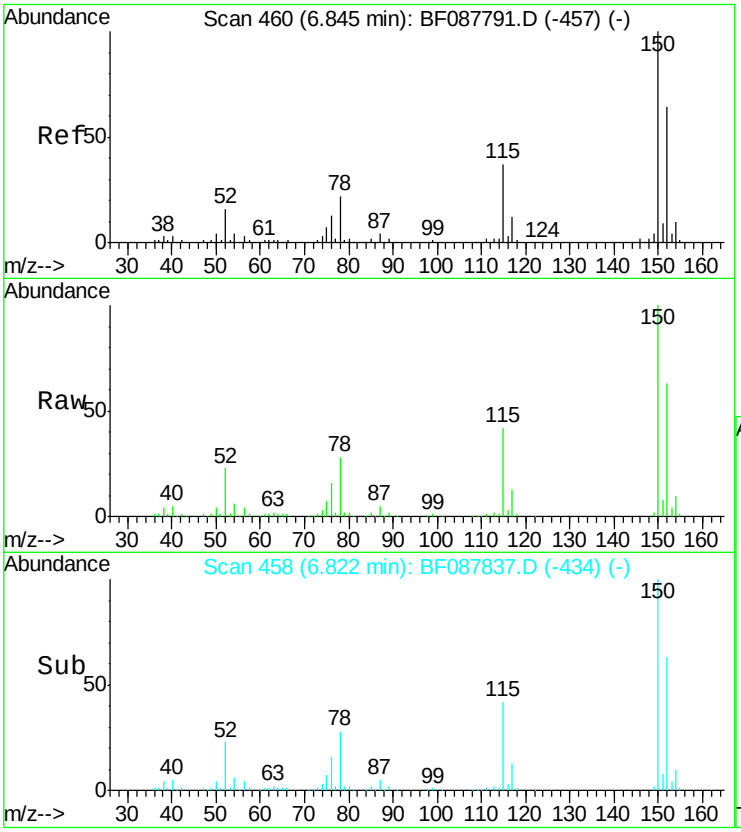


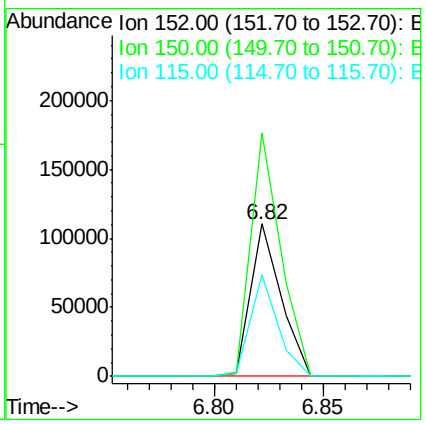


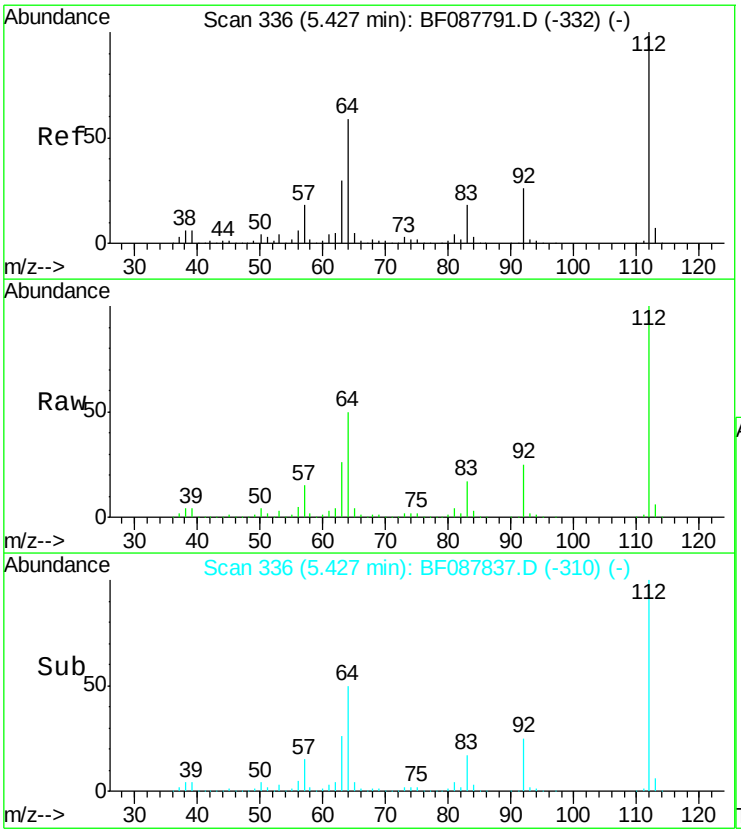
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:152 Resp: 107286

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	66.4	39.6	59.4#

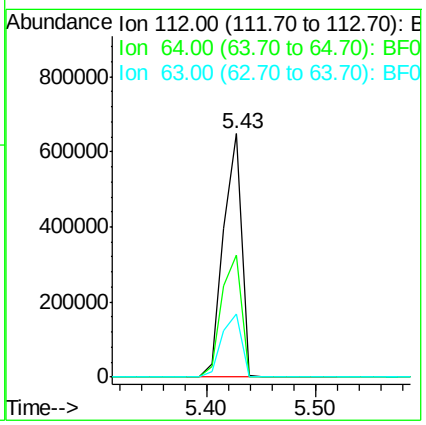


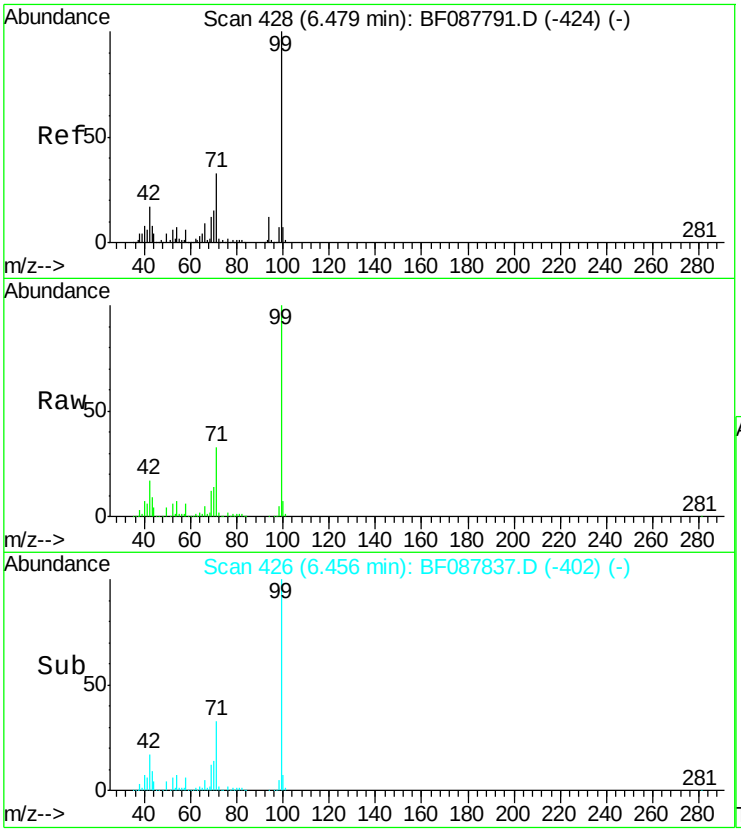


#5
2-Fluorophenol
Concen: 119.14 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.00 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:112 Resp: 747660

Ion	Ratio	Lower	Upper
112	100		
64	50.0	42.2	63.2
63	26.0	21.8	32.8



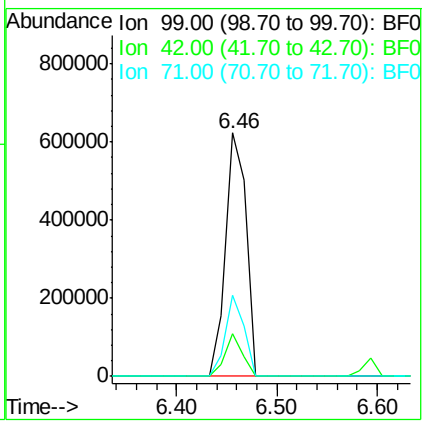


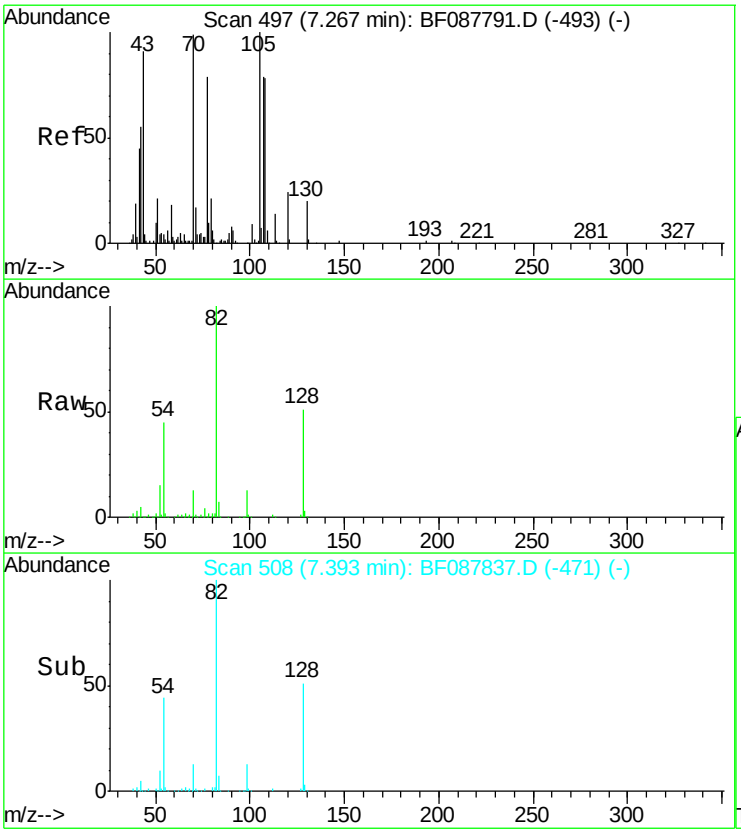
#7
Phenol-d6
Concen: 116.47 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion: 99 Resp: 885814

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.2	18.2
71	33.2	23.4	35.0

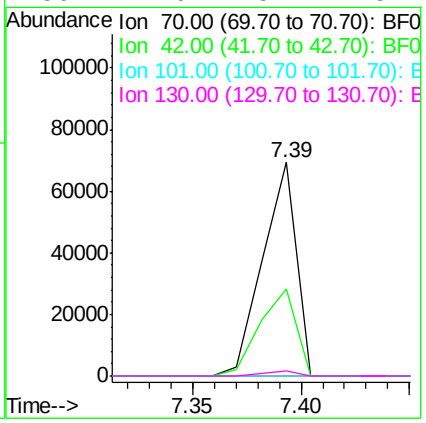


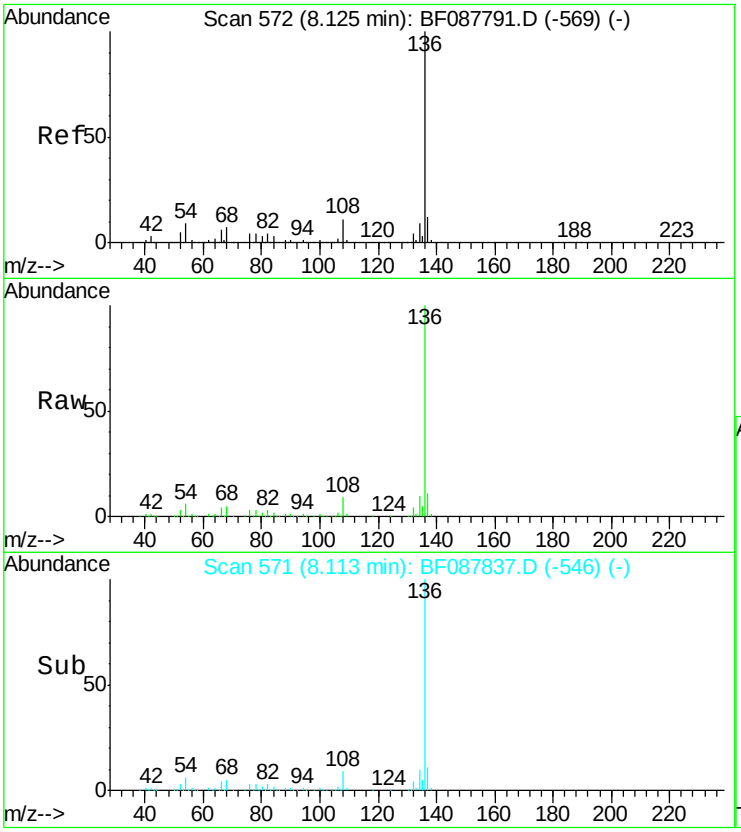


#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.13 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion: 70 Resp: 75302

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#



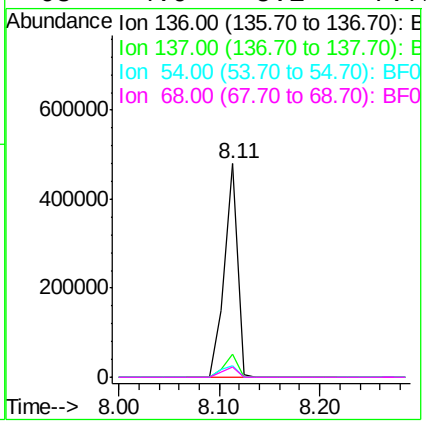


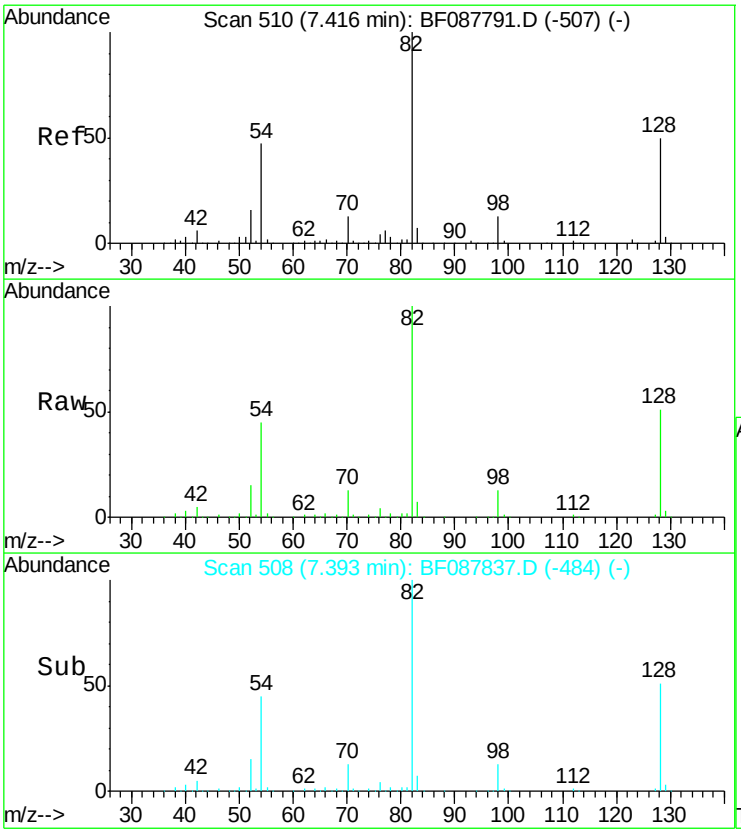
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:136 Resp: 438805

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.7	6.6	10.0#
68	4.9	5.1	7.7#

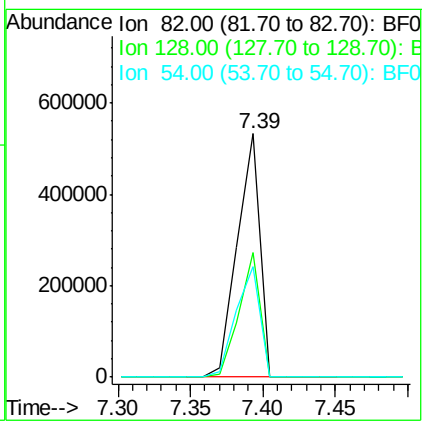


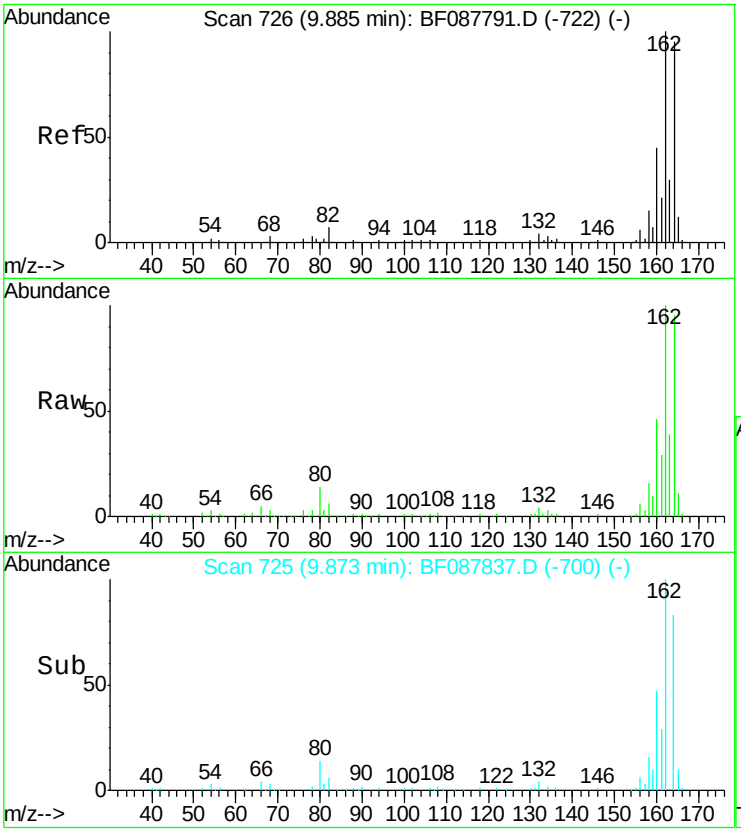


#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion: 82 Resp: 576769

Ion	Ratio	Lower	Upper
82	100		
128	51.2	35.9	53.9
54	45.4	40.9	61.3



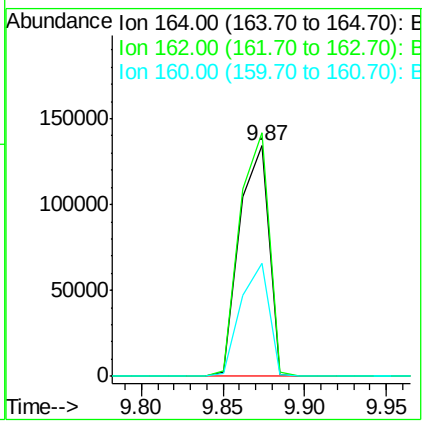


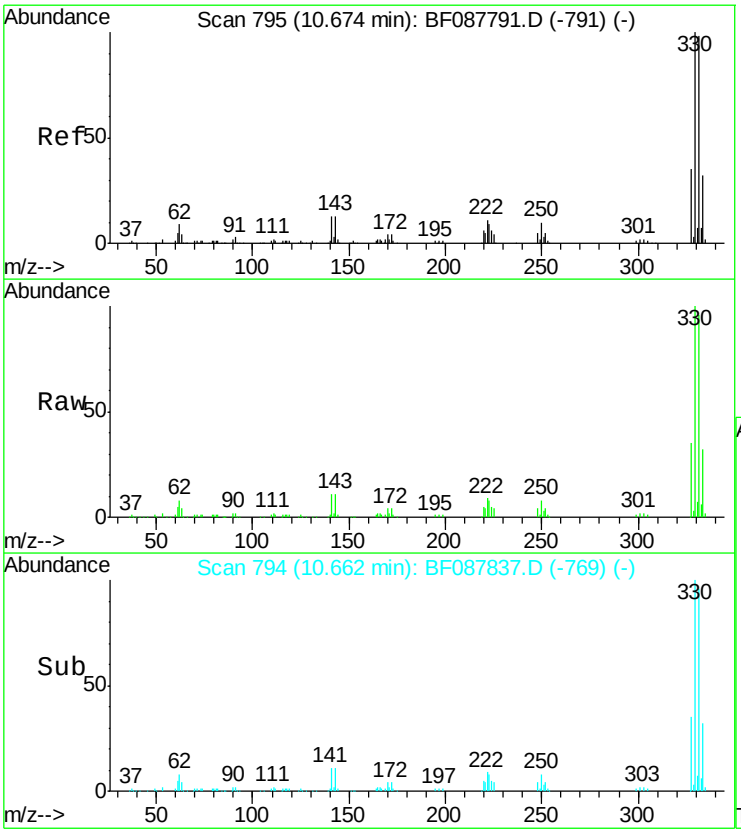
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:164 Resp: 166860

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.4	128.2
160	48.9	39.5	59.3

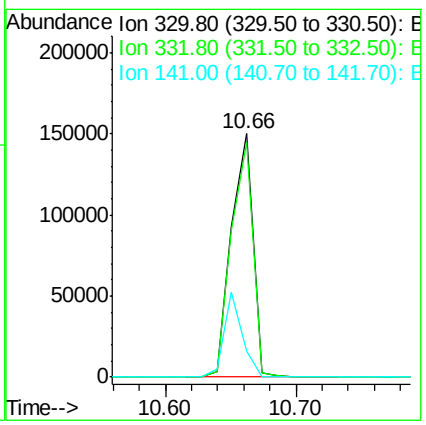


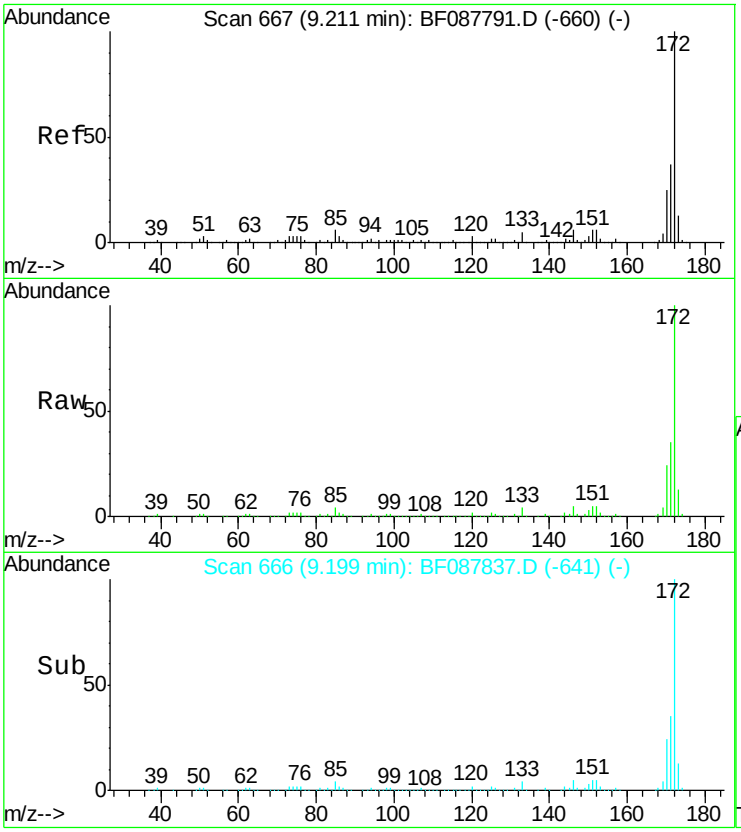


#41
2,4,6-Tribromophenol
Concen: 97.43 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:330 Resp: 171662

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	29.8	0.0	0.0#



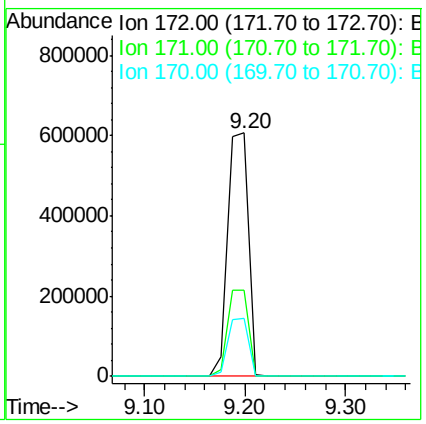


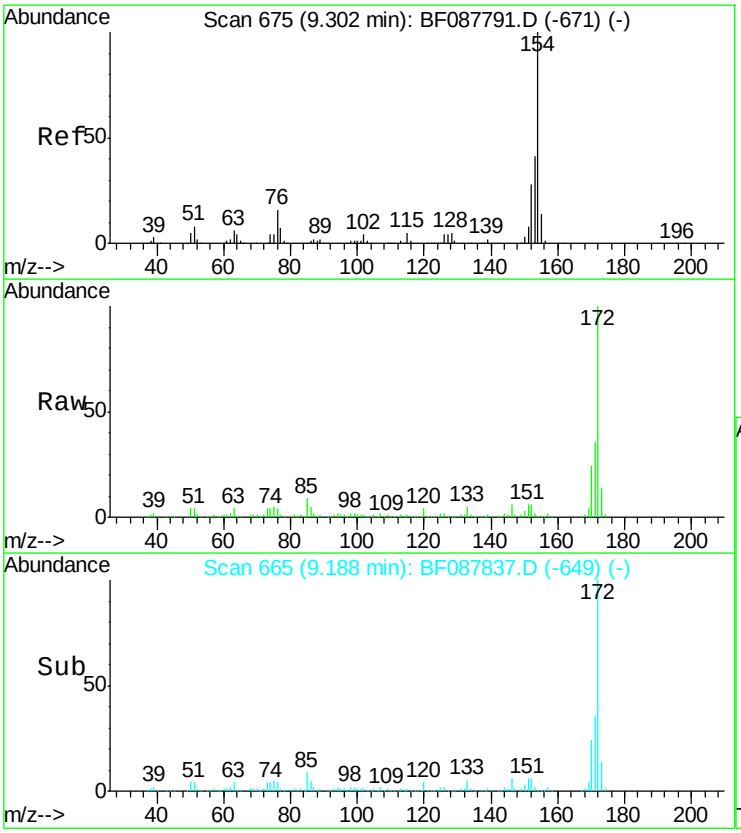
#44
2-Fluorobiphenyl
Concen: 81.36 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:172 Resp: 866687

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.6	19.2	28.8

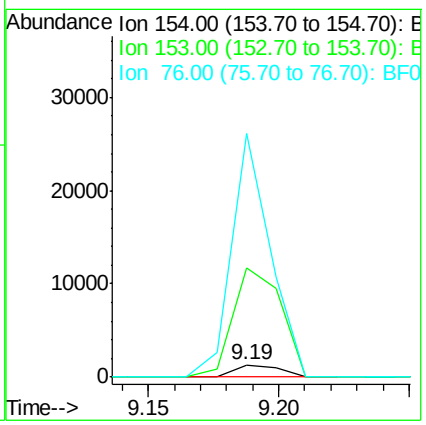


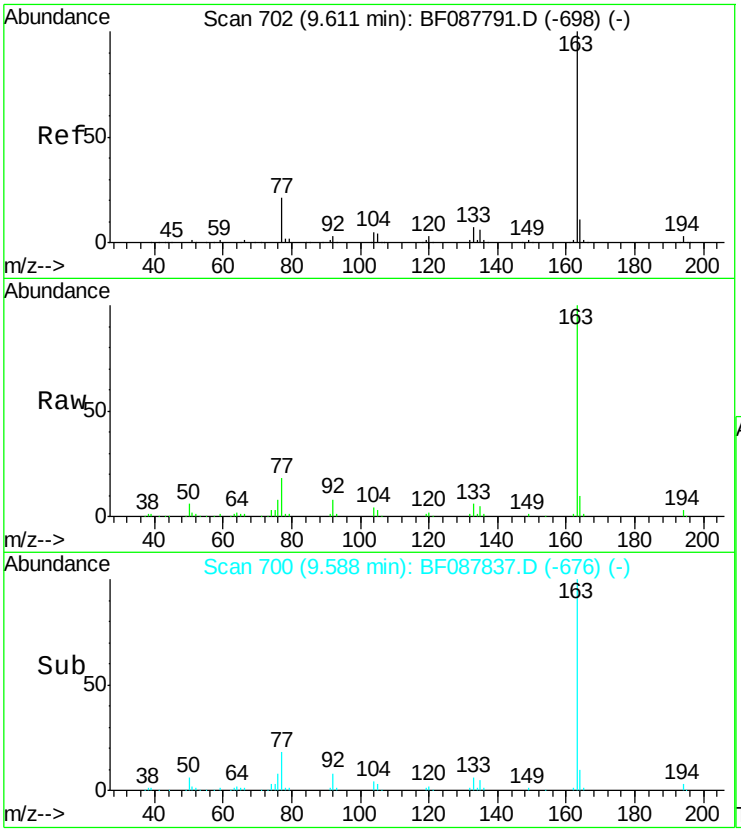


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.19 min Scan# 665
Delta R.T. -0.11 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:154 Resp: 1544

Ion	Ratio	Lower	Upper
154	100		
153	892.9	20.6	60.6#
76	1991.8	0.0	35.1#



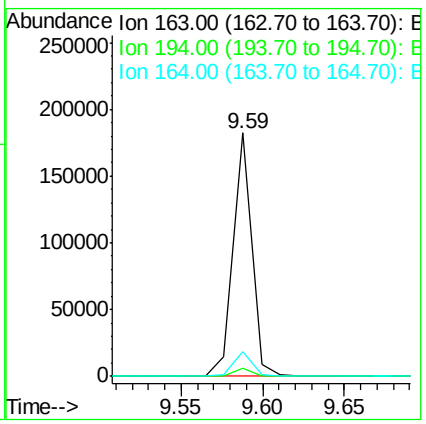


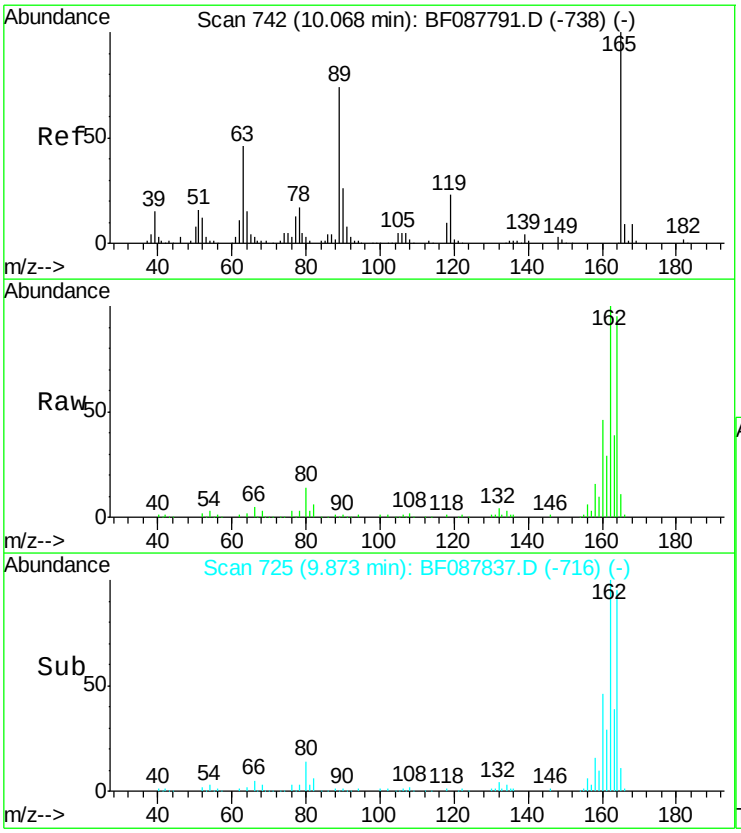
#49
Dimethylphthalate
Concen: 11.78 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:163 Resp: 142387

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.1	8.3	12.5

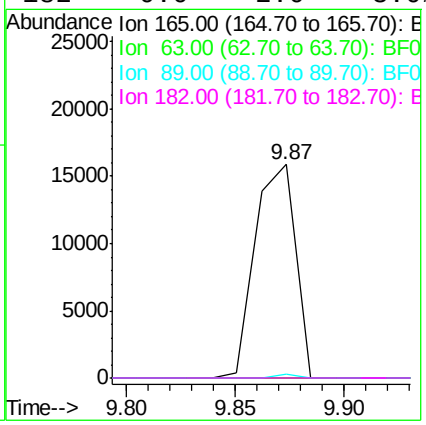


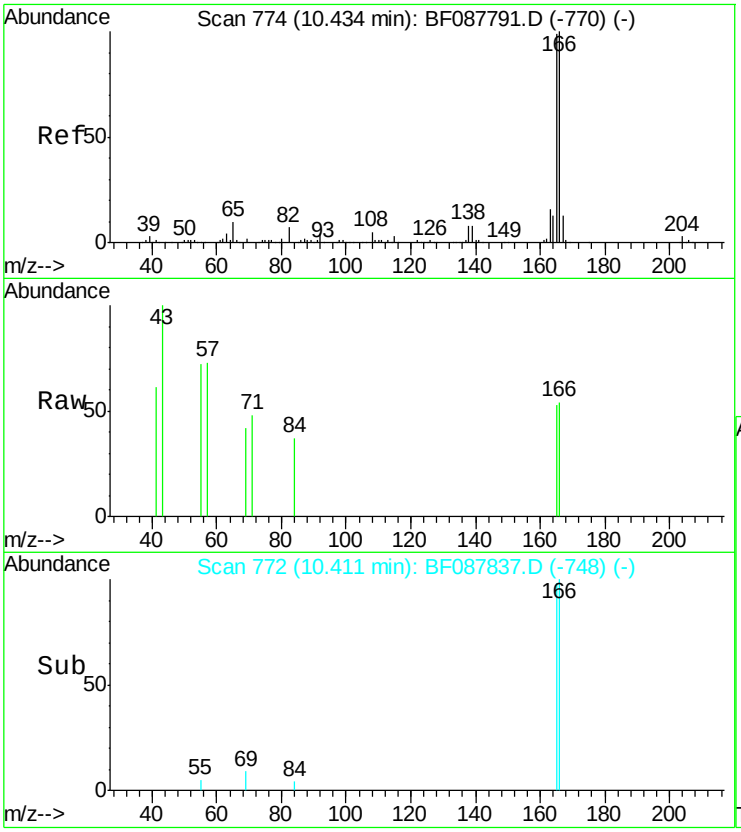


#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.19 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:165 Resp: 20710

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



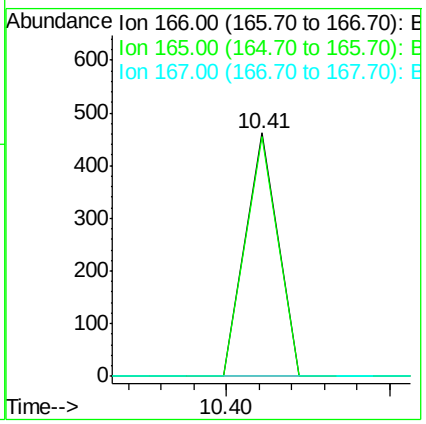


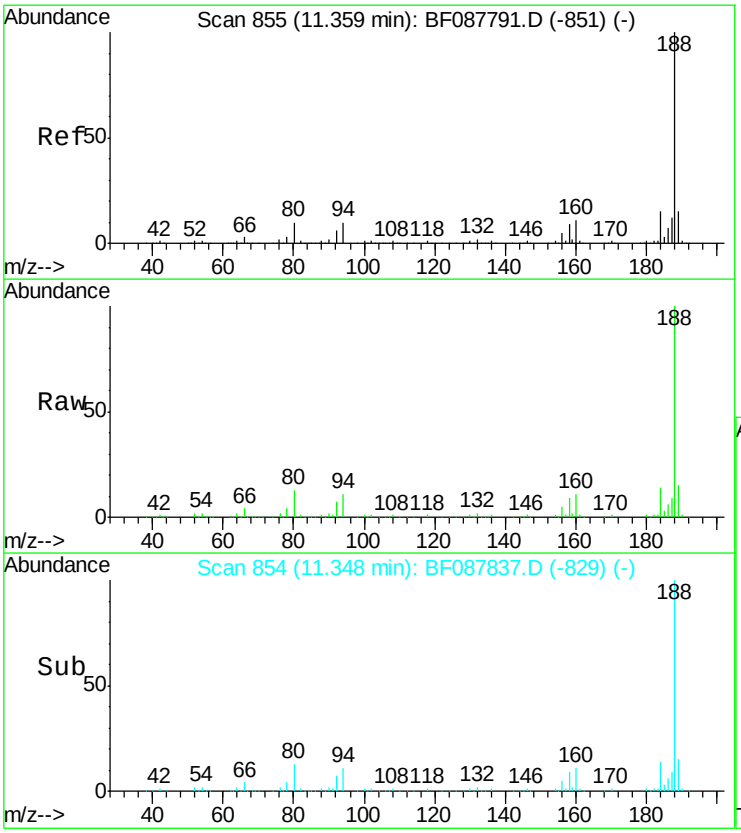
#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:166 Resp: 317

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	0.0	11.2	16.8#

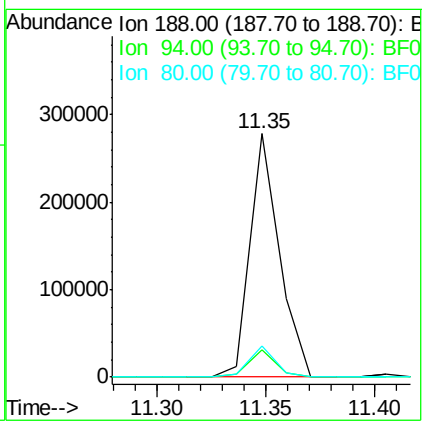


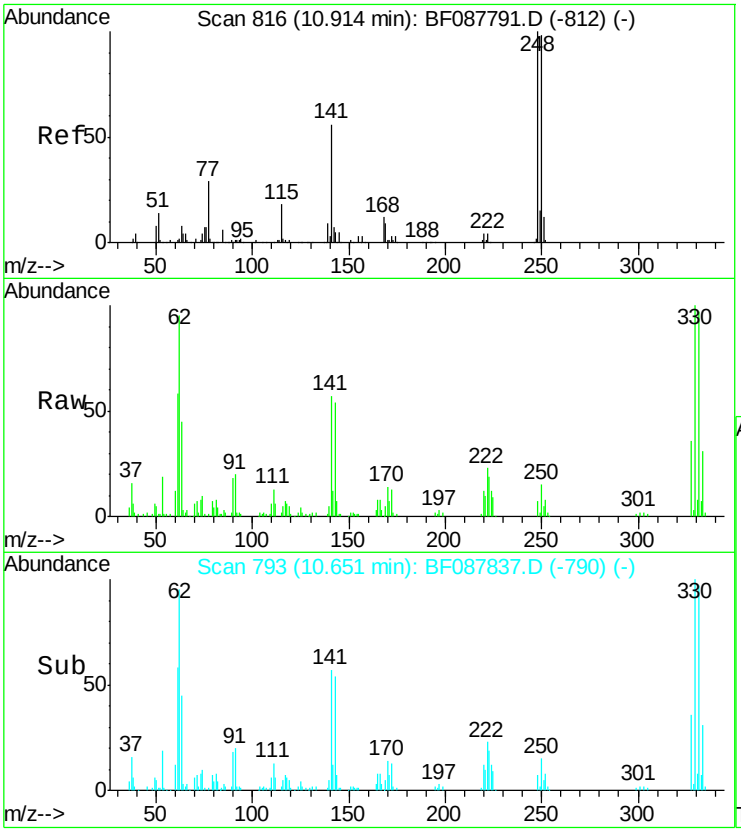


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:188 Resp: 261711

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.0	13.6
80	12.7	10.0	15.0



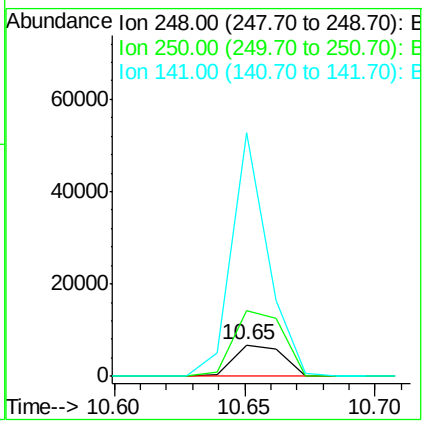


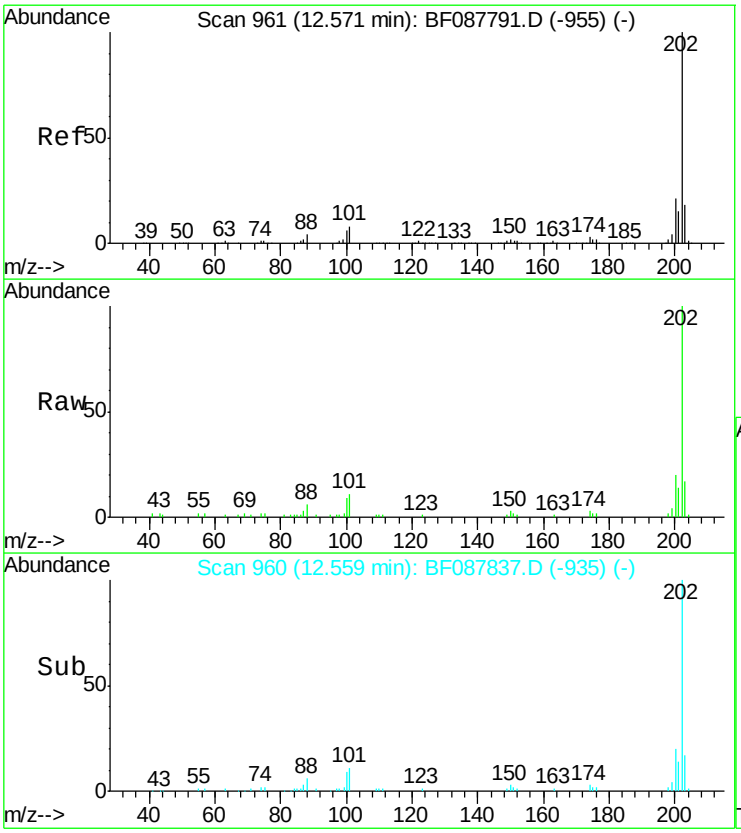
#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.26 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:248 Resp: 9033

Ion	Ratio	Lower	Upper
248	100		
250	209.1	77.1	115.7#
141	770.3	50.6	76.0#

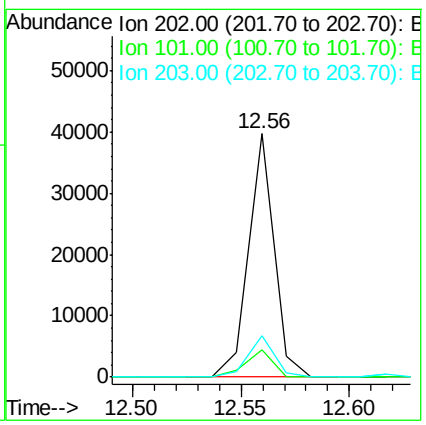


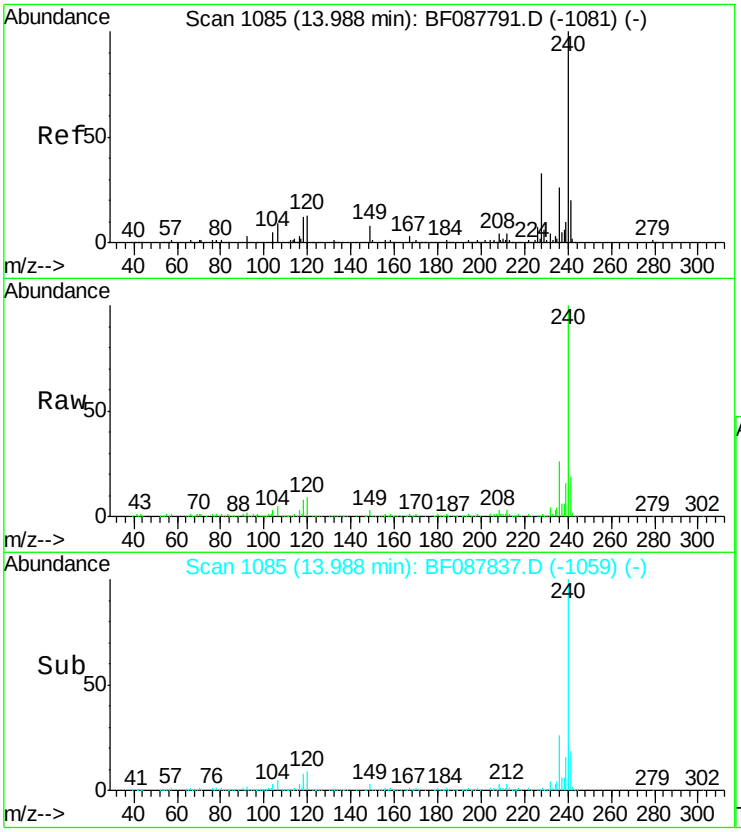


#74
Fluoranthene
Concen: 2.23 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:202 Resp: 32310

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.1
203	17.1	0.0	38.1



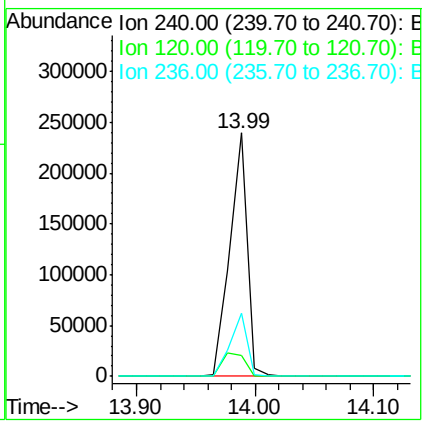


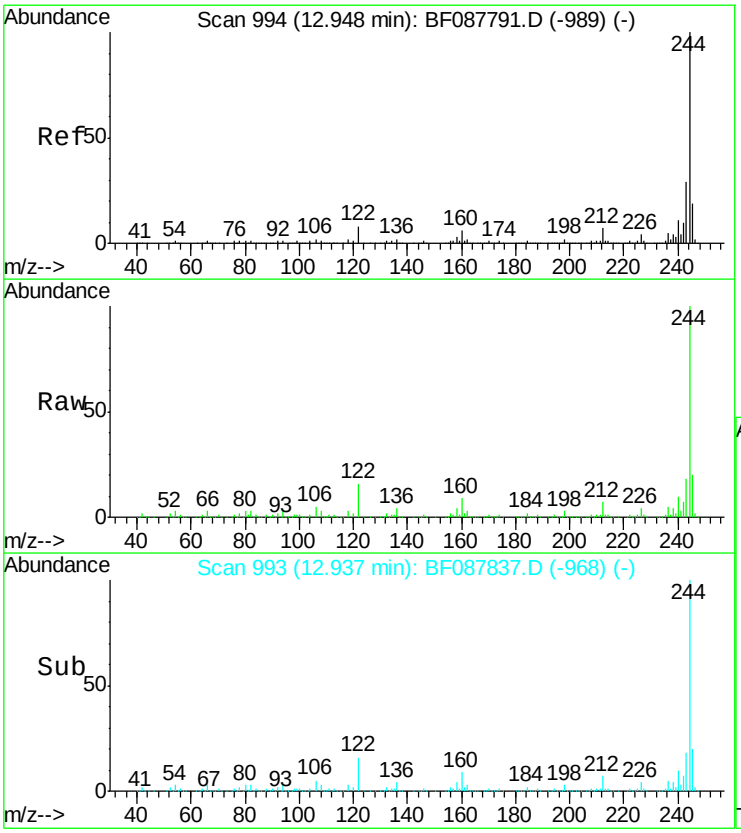
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:240 Resp: 243841

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	26.0	20.2	30.2

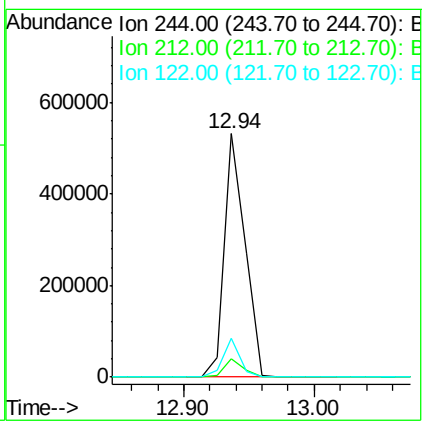


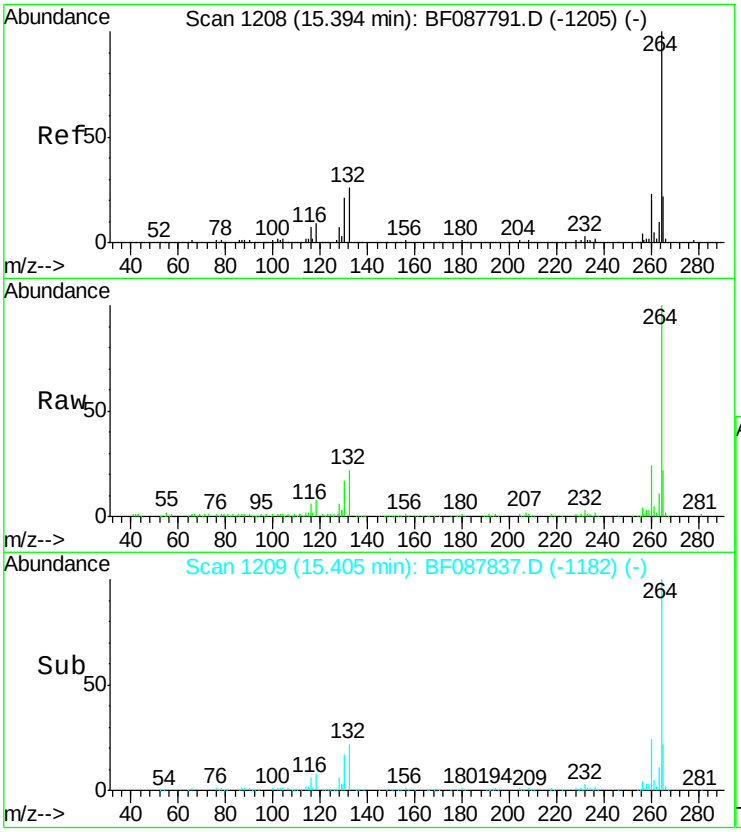


#78
Terphenyl-d14
Concen: 54.33 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:244 Resp: 582189

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	16.1	11.2	16.8



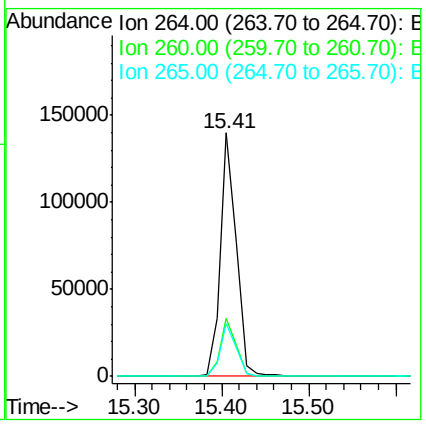


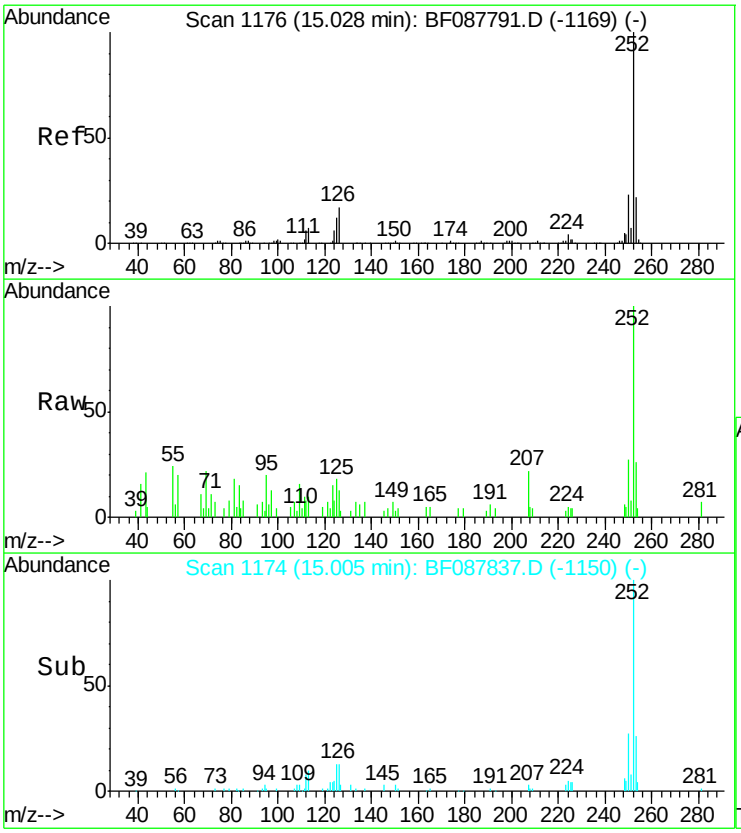
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Tgt Ion:264 Resp: 179881

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3





#88
Benzo(k)fluoranthene
Concen: 2.35 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087837.D
Acq: 9 Jun 2016 6:44

Tgt Ion:252 Resp: 22239

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	17.8	11.2	16.8#