Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087834.D
Acq On : 9 Jun 2016 5:15
Operator : UM/SJ
Sample : H3405-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-COMP-0.5-11.0

Quant Time: Jun 09 07:35:14 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	105421	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	427938	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	163086	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	259710	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	237672	20.00	ng		0.00
86) Perylene-d12	15.41	264	179201	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	804117	130.40	ng		0.00
7) Phenol-d6	6.47	99	1146684	153.43	ng		-0.01
23) Nitrobenzene-d5	7.39	82	674807	92.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	220040	127.78	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1055549	102.84	ng		-0.01
78) Terphenyl-d14	12.94	244	704608	67.46	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.48	94	6270	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.39	70	91897	19.22	ng	#	73
45) 1,1'-Biphenyl	9.20	154	1938	Below Cal		#	1
49) Dimethylphthalate	9.59	163	114728	9.71	ng		99
56) 2,4-Dinitrotoluene	9.86	165	20901	6.01	ng	#	36
57) Fluorene	10.41	166	470	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	419	2.41	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	12508	4.49	ng	#	1
88) Benzo(k)fluoranthene	15.01	252	24278	2.58	ng		100

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

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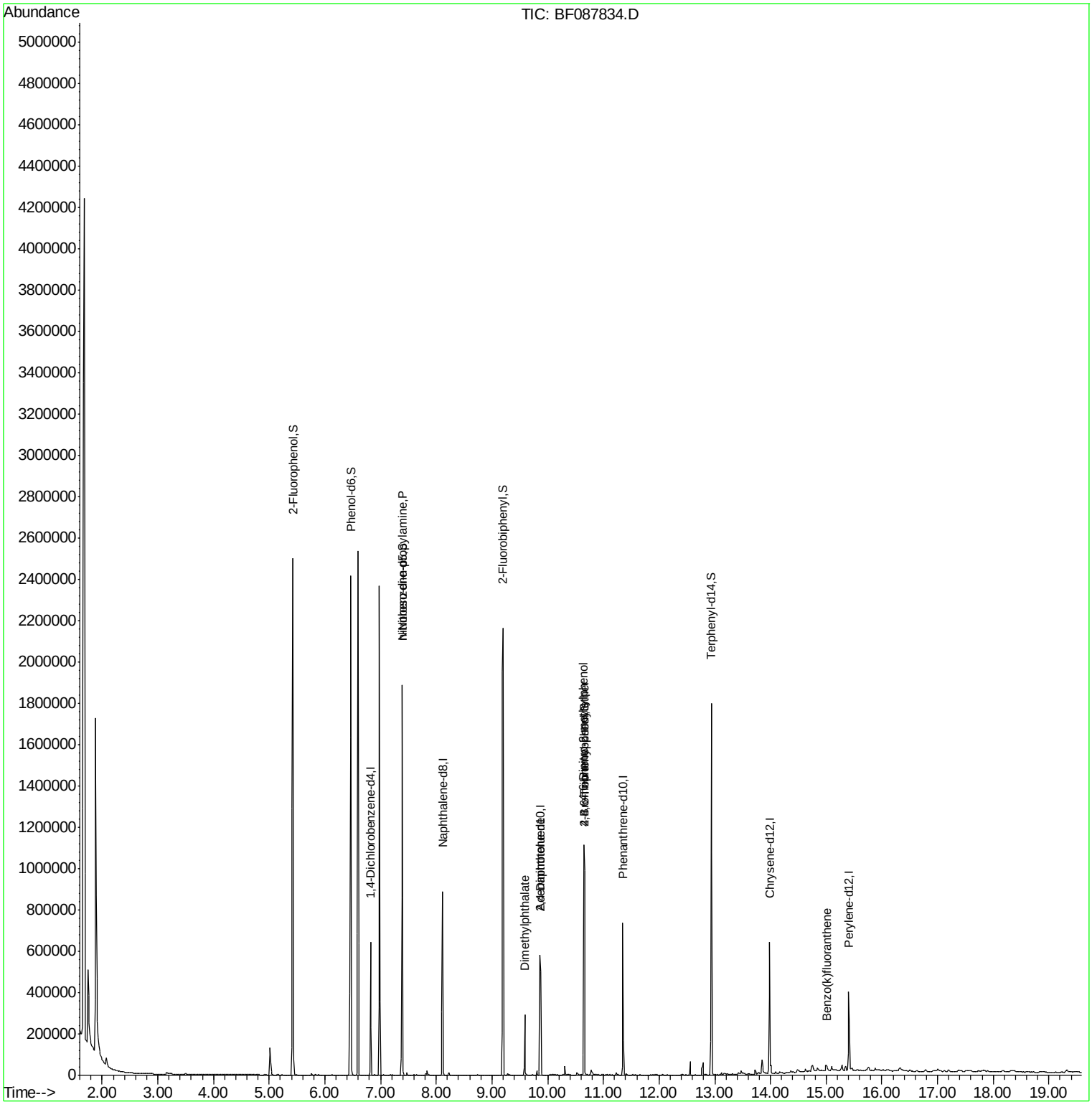
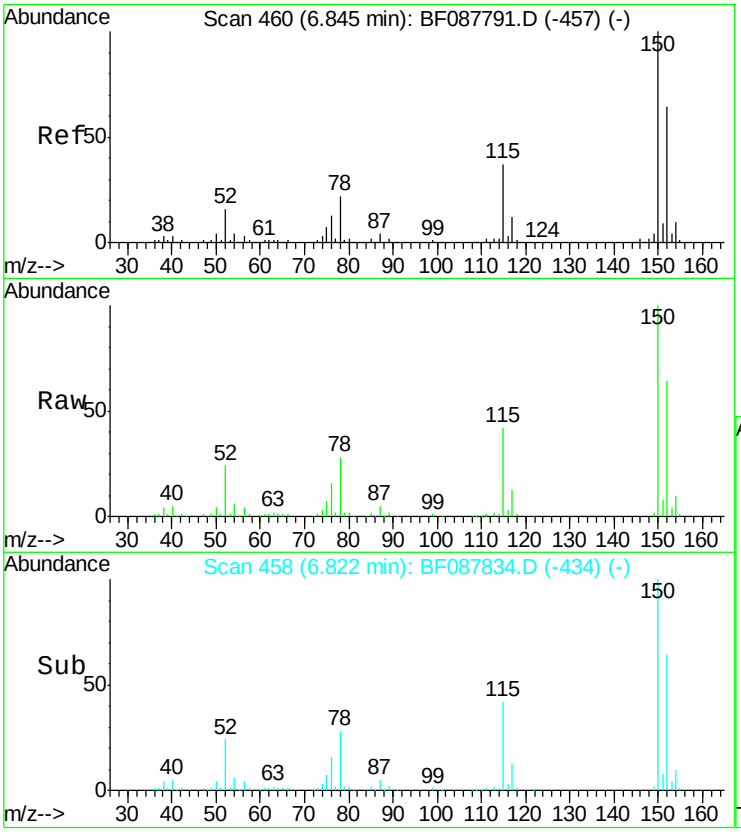


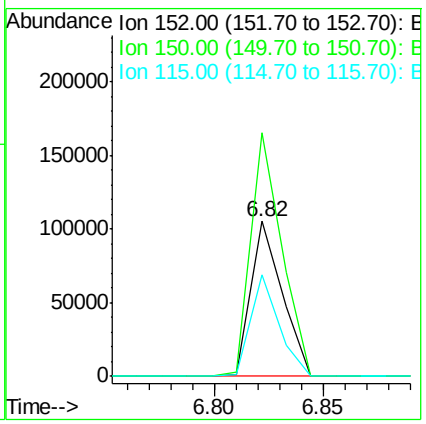


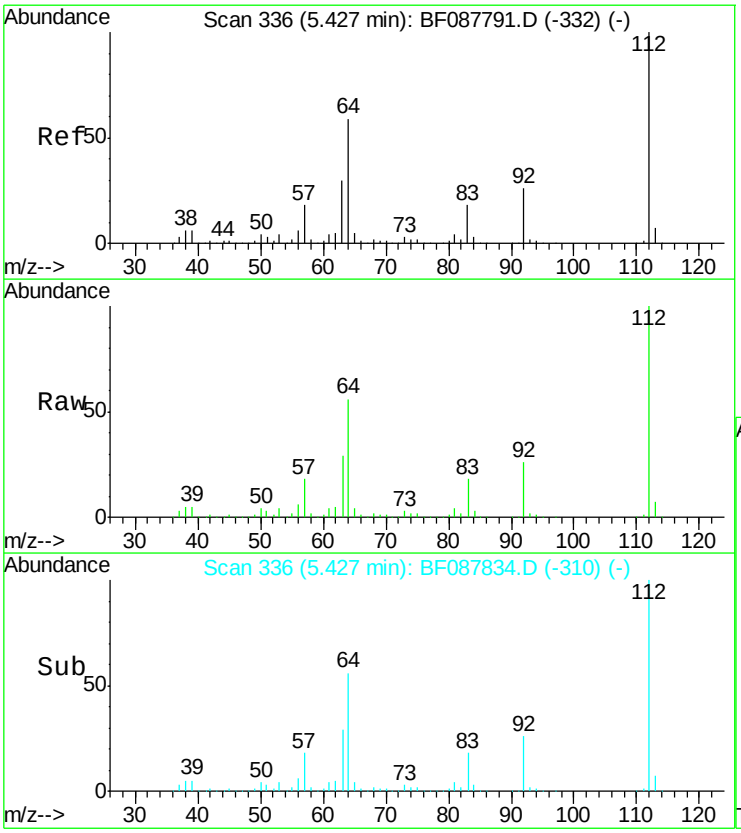
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:152 Resp: 105421

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	65.4	39.6	59.4#

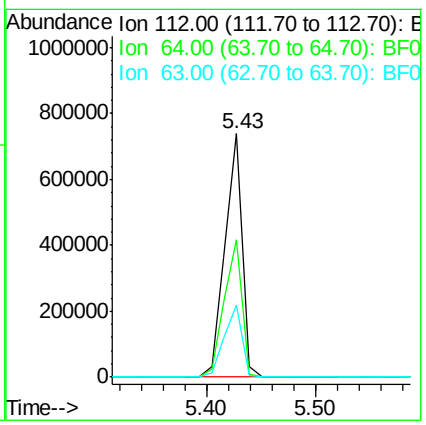


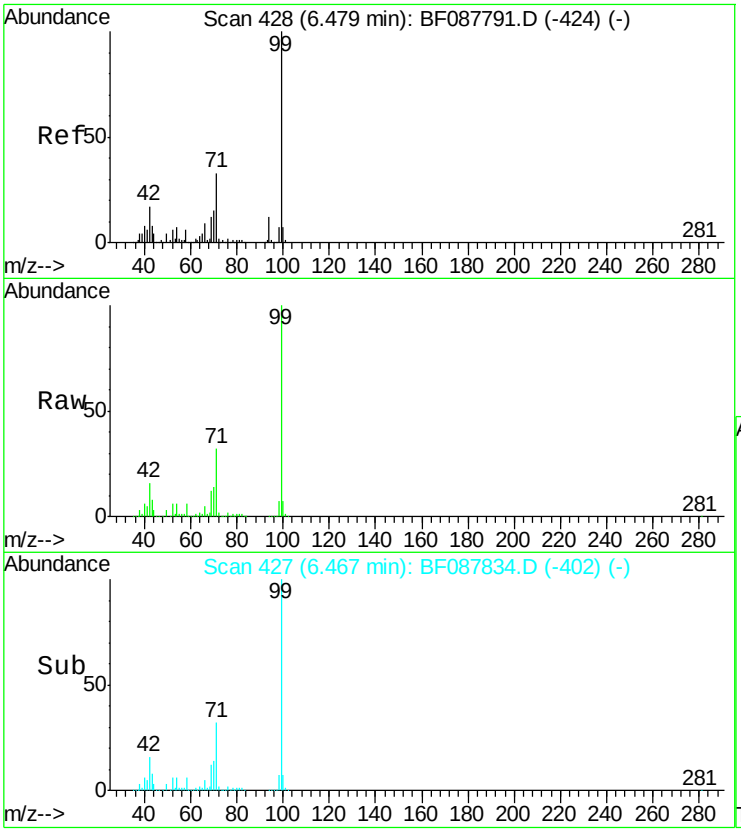


#5
2-Fluorophenol
Concen: 130.40 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.00 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:112 Resp: 804117

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.2	63.2
63	29.5	21.8	32.8



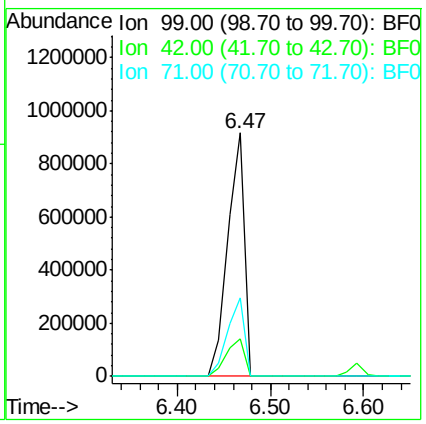


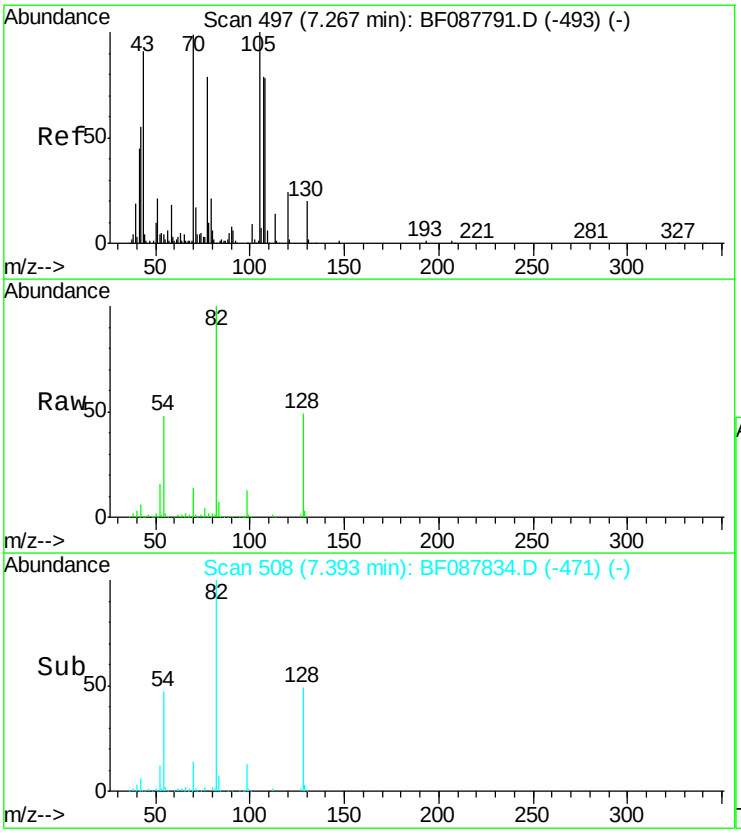
#7
Phenol-d6
Concen: 153.43 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion: 99 Resp: 1146684

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	32.4	23.4	35.0

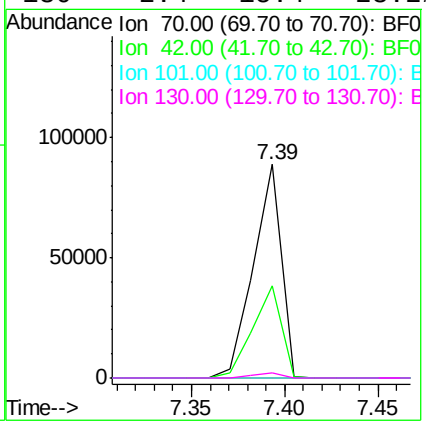


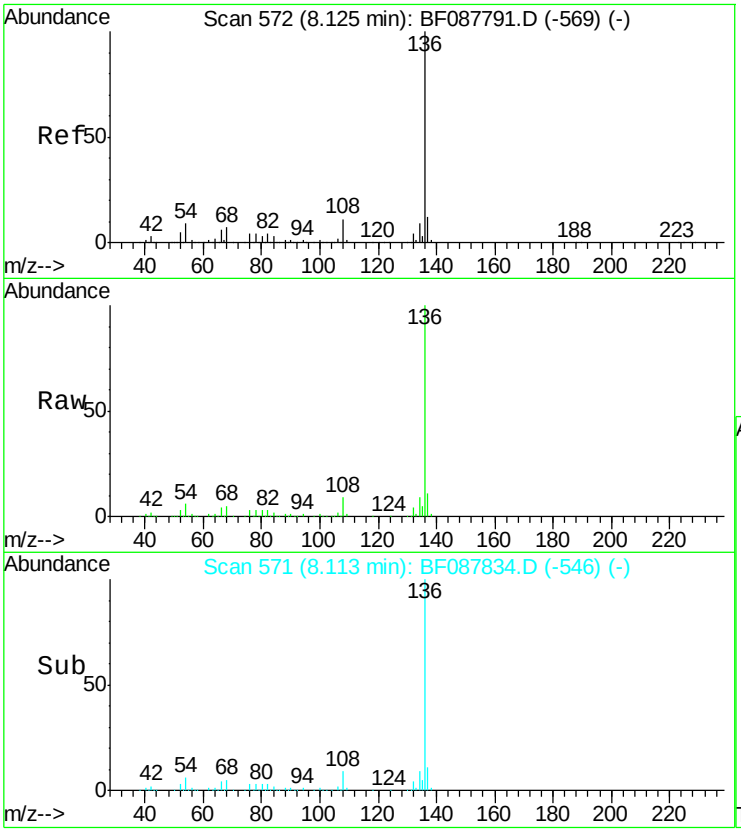


#19
n-Nitroso-di-n-propylamine
Concen: 19.22 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.13 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion: 70 Resp: 91897

Ion	Ratio	Lower	Upper
70	100		
42	43.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



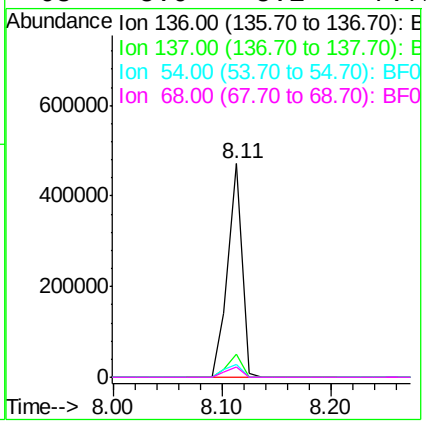


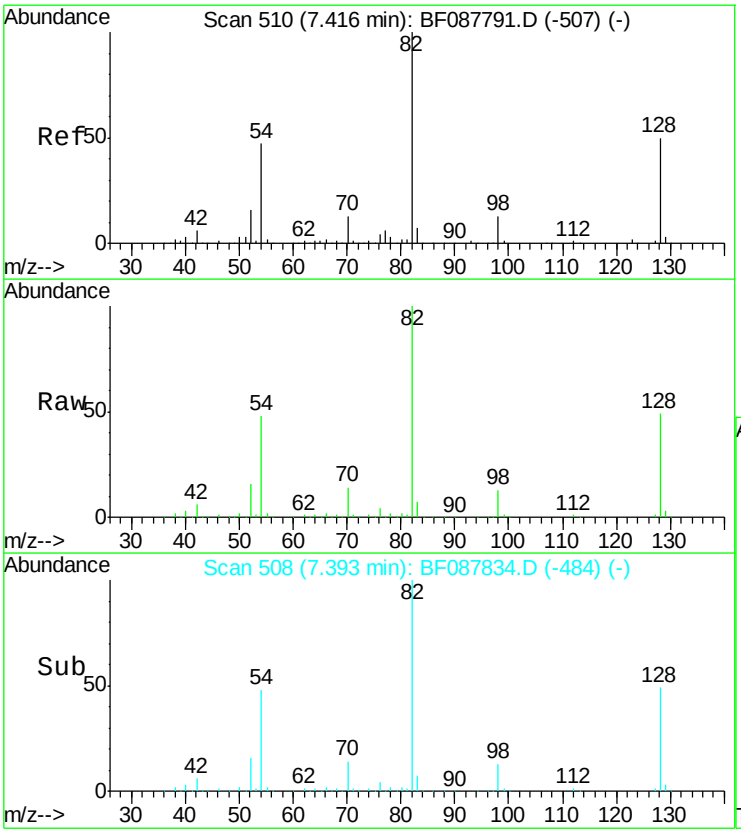
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:136 Resp: 427938

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	5.0	5.1	7.7#

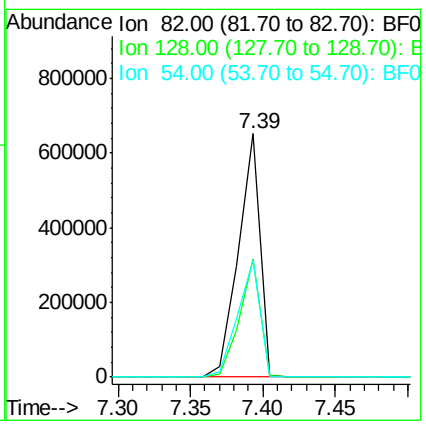


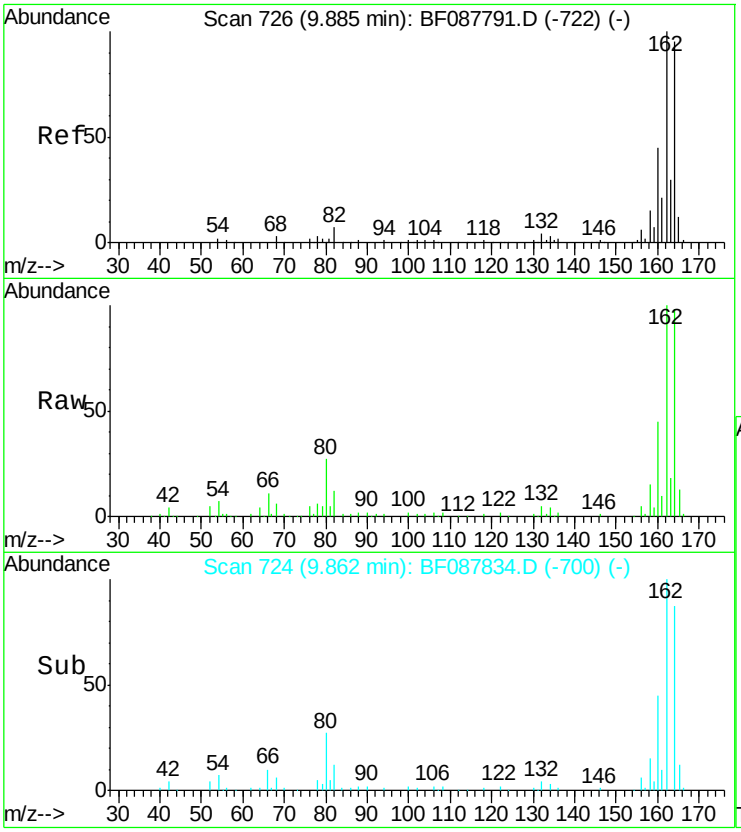


#23
Nitrobenzene-d5
Concen: 92.08 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion: 82 Resp: 674807

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.9	53.9
54	48.0	40.9	61.3



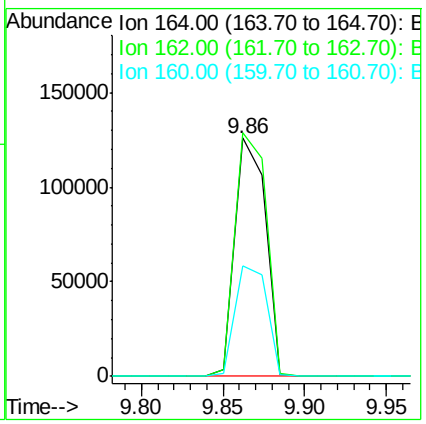


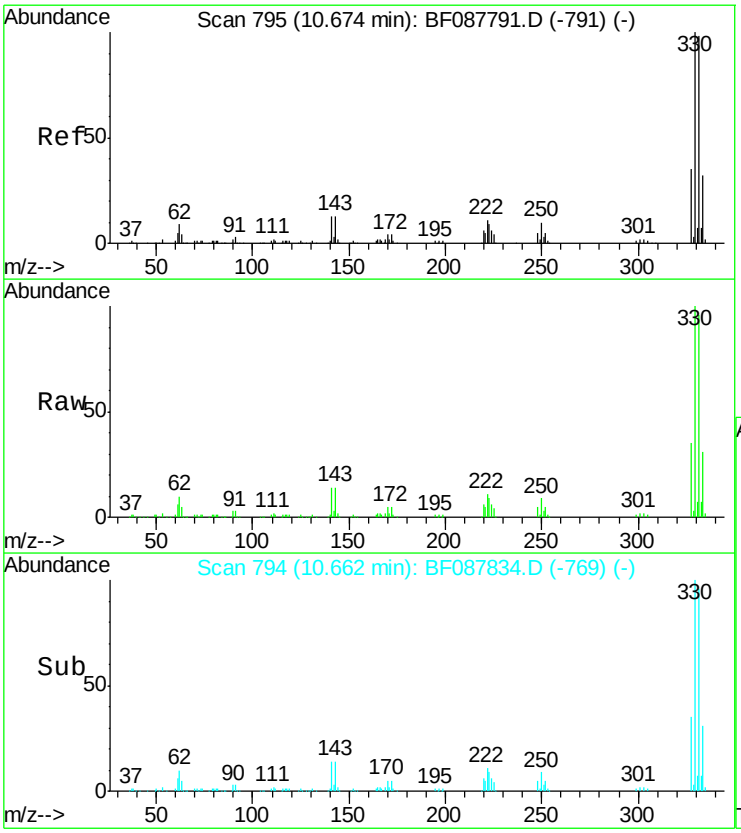
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:164 Resp: 163086

Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.4	128.2
160	46.1	39.5	59.3

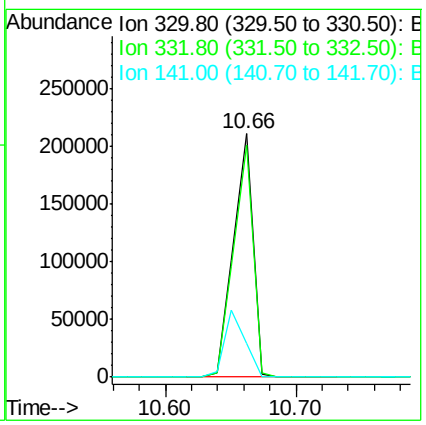


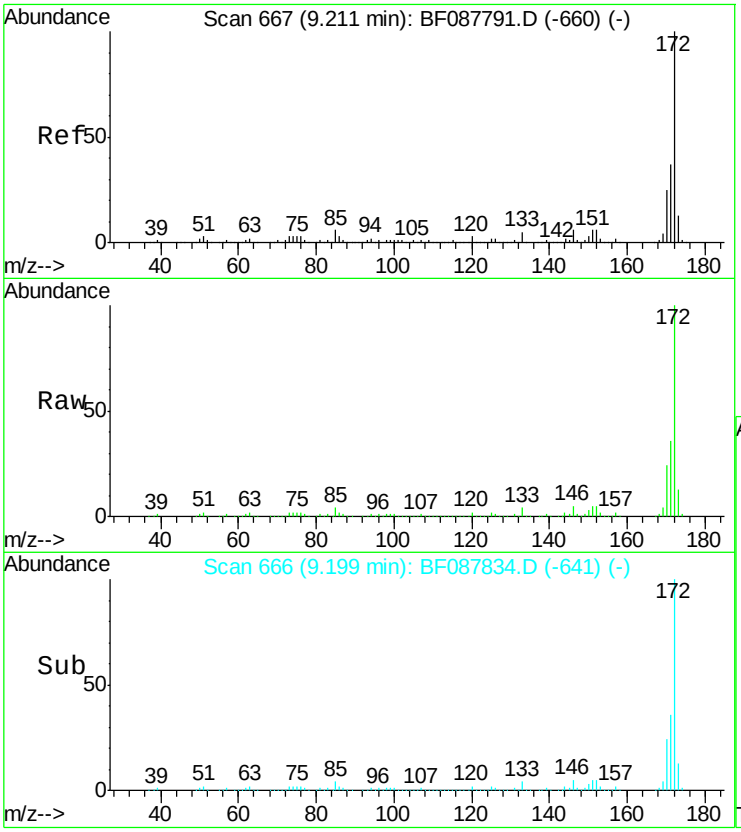


#41
2,4,6-Tribromophenol
Concen: 127.78 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:330 Resp: 220040

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	29.3	0.0	0.0#



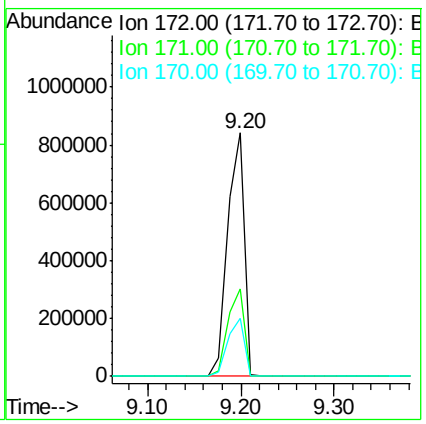


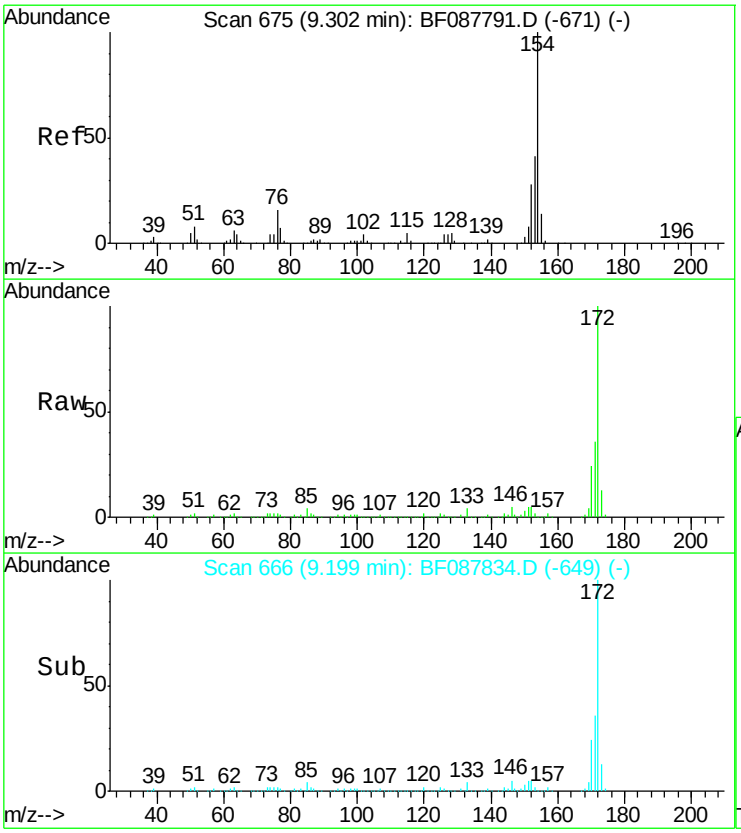
#44
2-Fluorobiphenyl
Concen: 102.84 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:172 Resp: 1055549

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.2	28.8

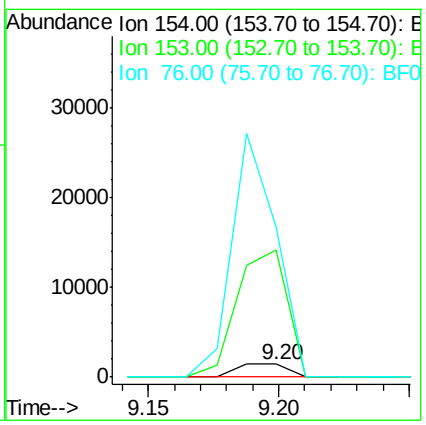


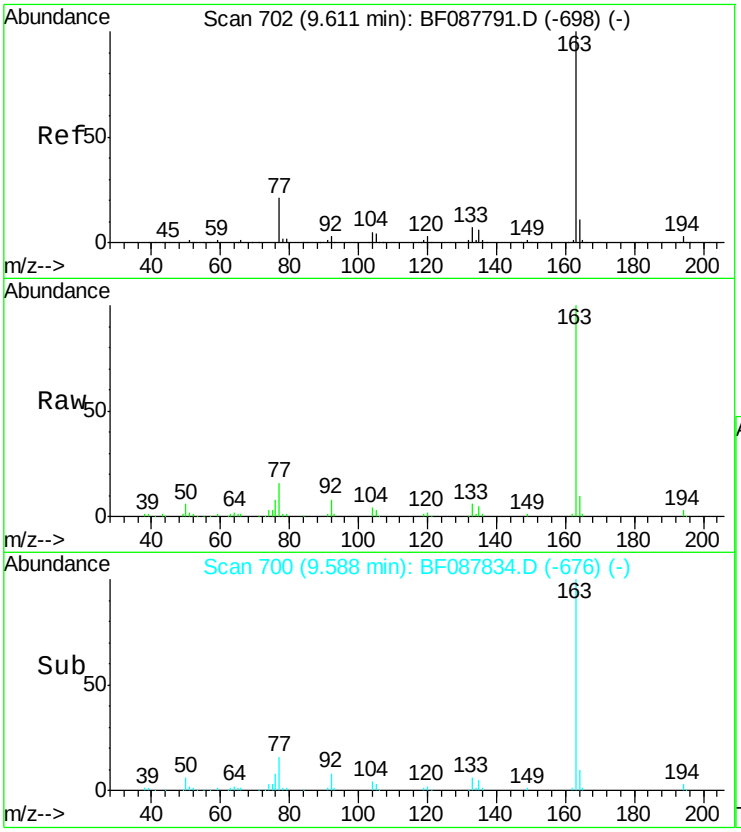


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.20 min Scan# 666
Delta R.T. -0.10 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:154 Resp: 1938

Ion	Ratio	Lower	Upper
154	100		
153	993.1	20.6	60.6#
76	1181.4	0.0	35.1#



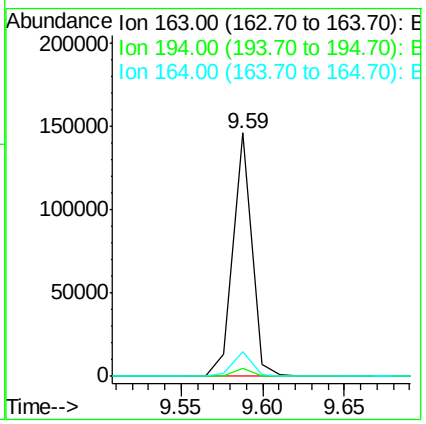


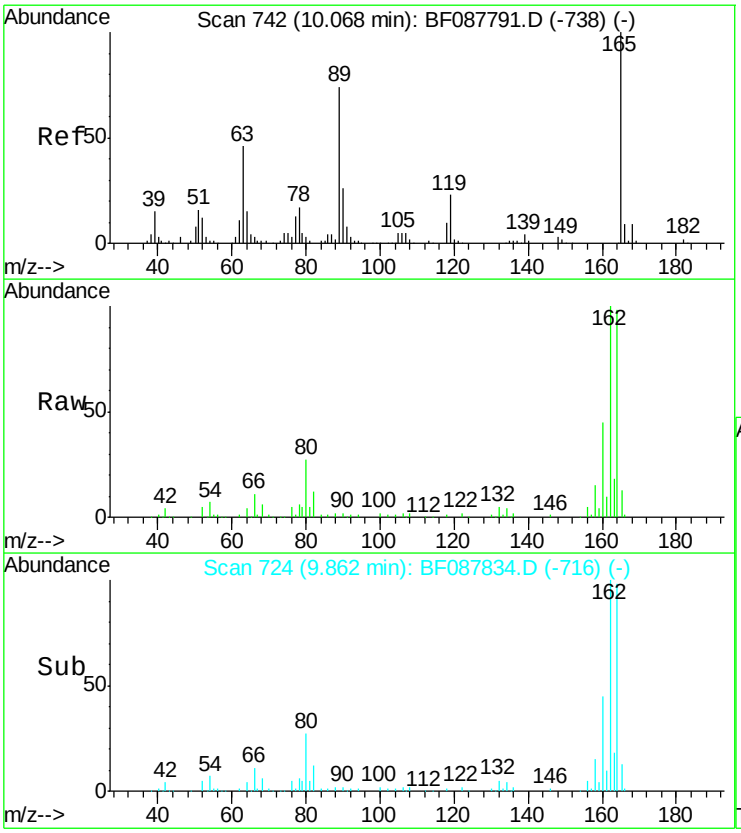
#49
Dimethylphthalate
Concen: 9.71 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:163 Resp: 114728

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.2	8.3	12.5

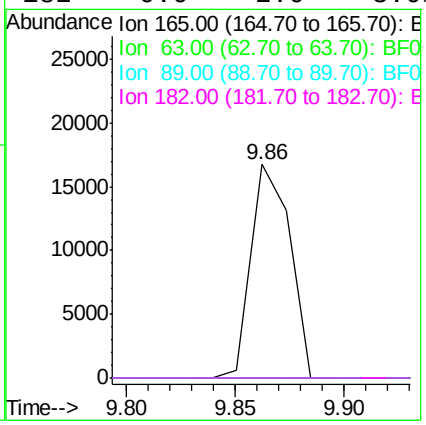


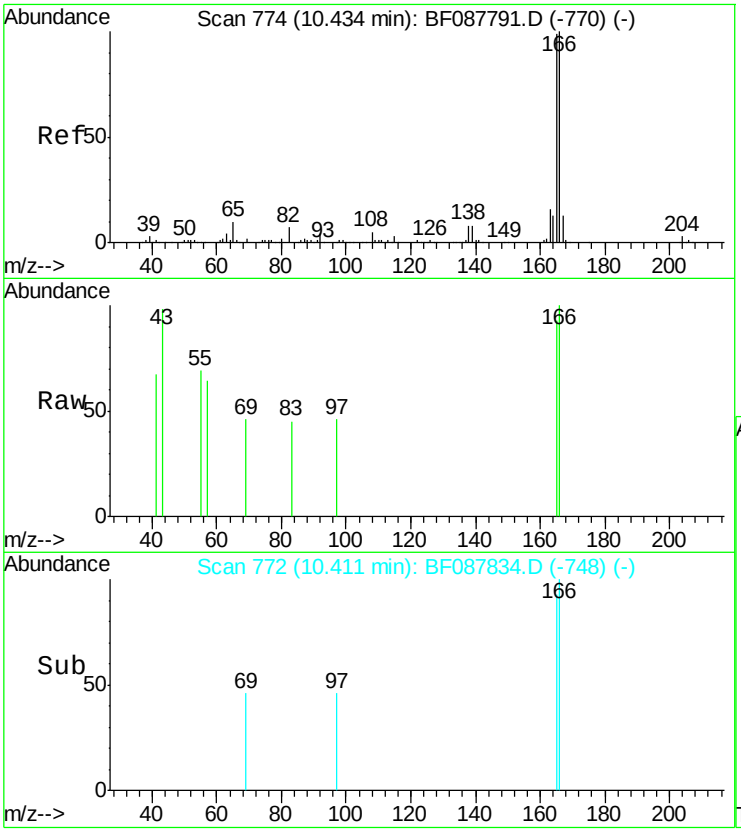


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.21 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:165 Resp: 20901

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#



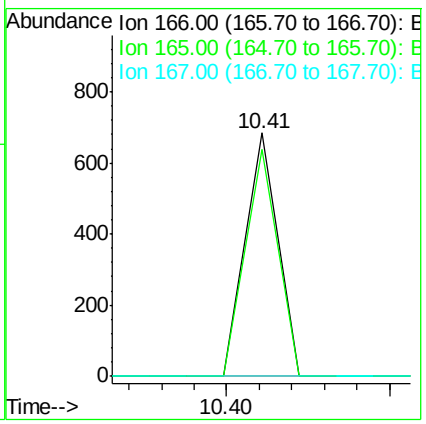


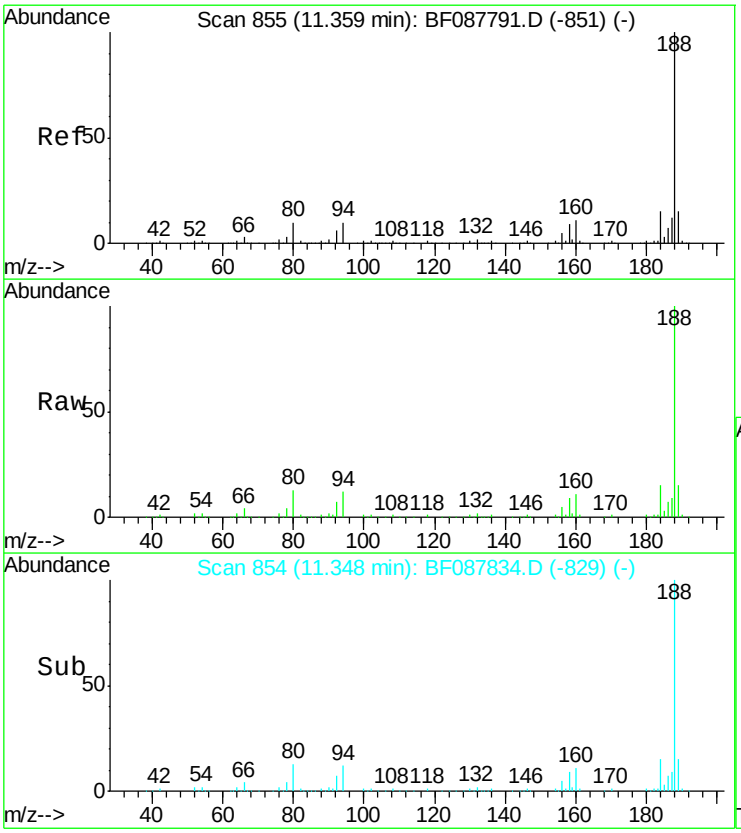
#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:166 Resp: 470

Ion	Ratio	Lower	Upper
166	100		
165	93.1	77.8	116.8
167	0.0	11.2	16.8#

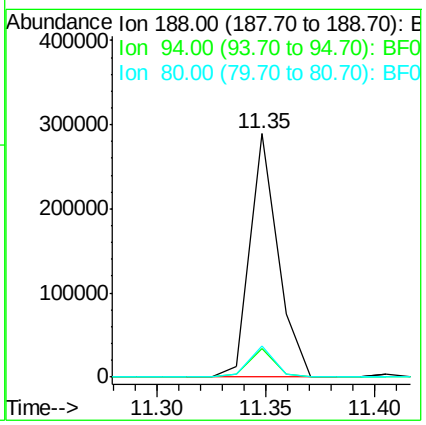


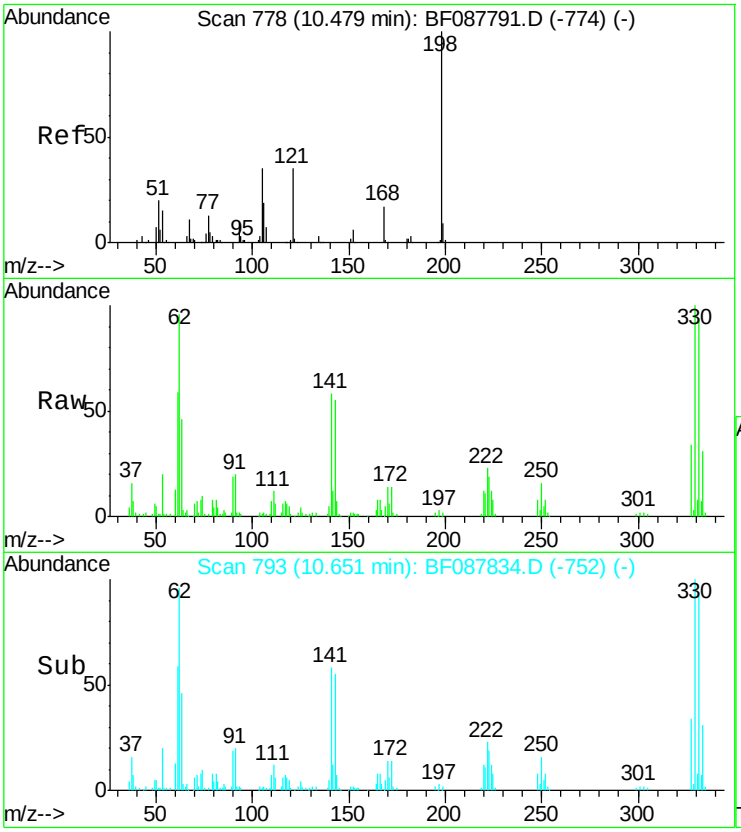


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:188 Resp: 259710

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.6
80	12.6	10.0	15.0



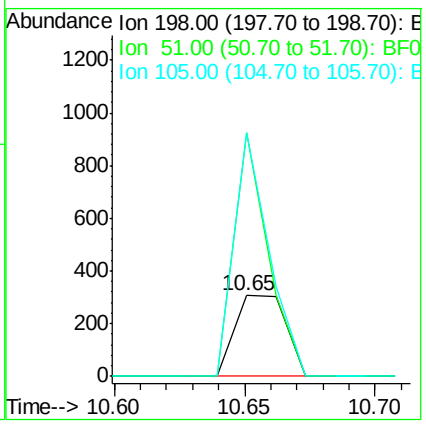


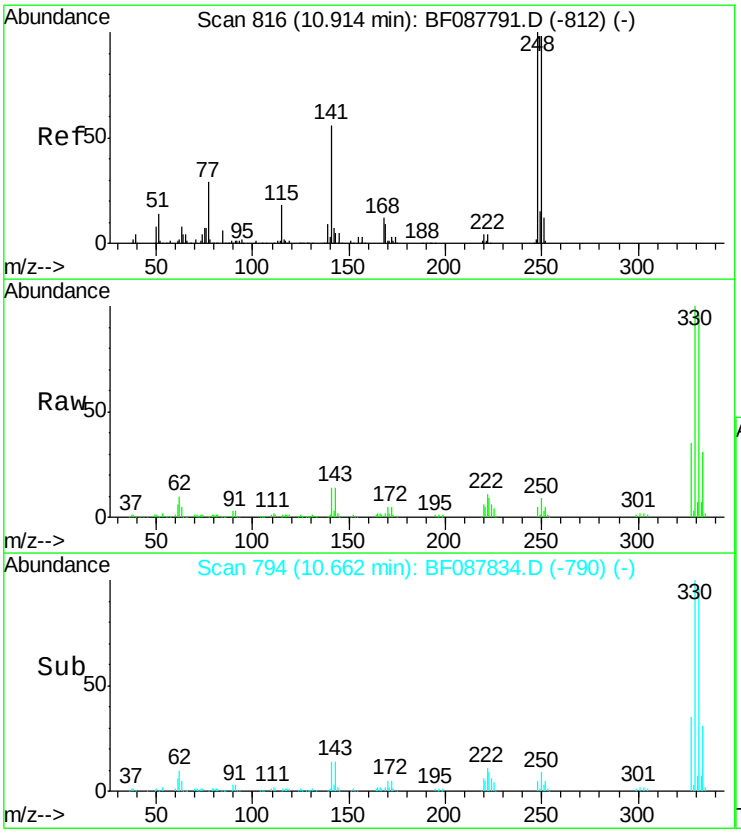
#64
4,6-Dinitro-2-methylphenol
Concen: 2.41 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.17 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:198 Resp: 419

Ion	Ratio	Lower	Upper
198	100		
51	300.7	39.6	79.6#
105	301.0	36.6	76.6#

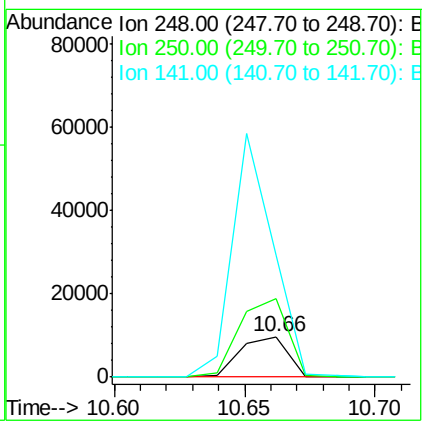


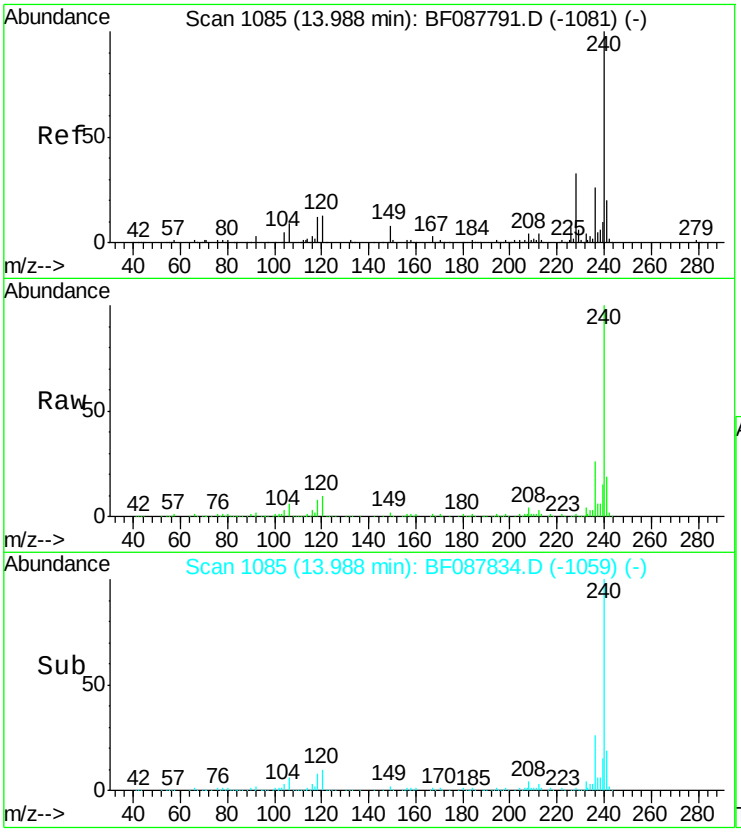


#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.25 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:248 Resp: 12508

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	301.8	50.6	76.0#



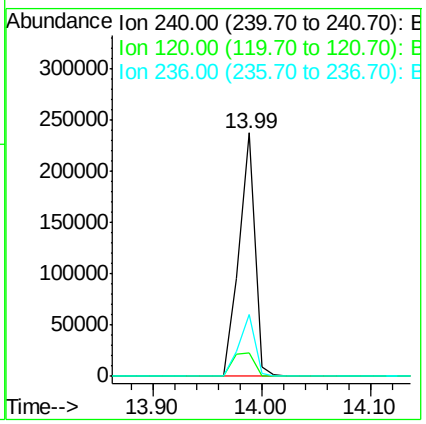


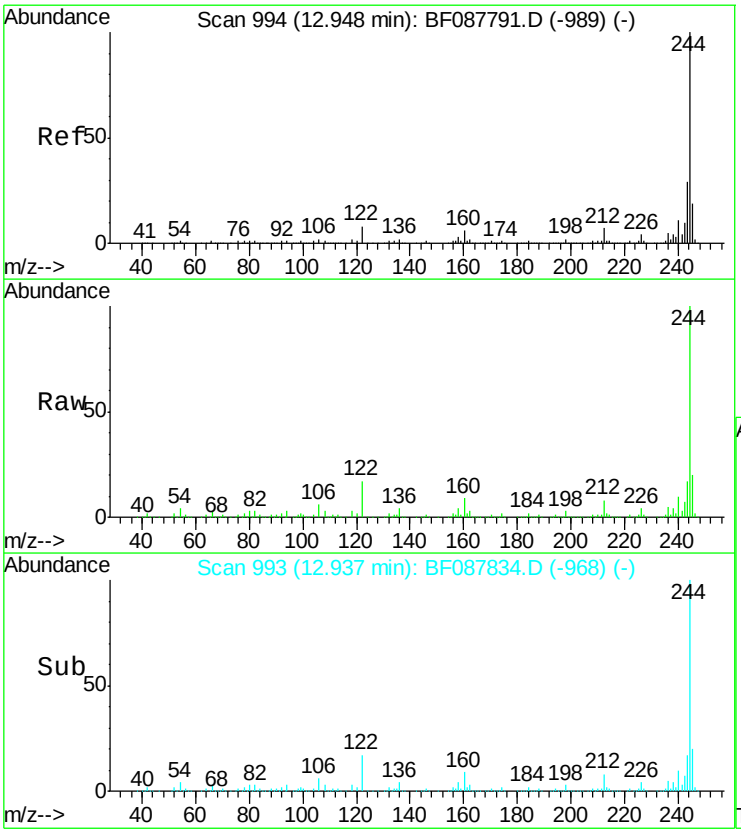
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:240 Resp: 237672

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	25.6	20.2	30.2

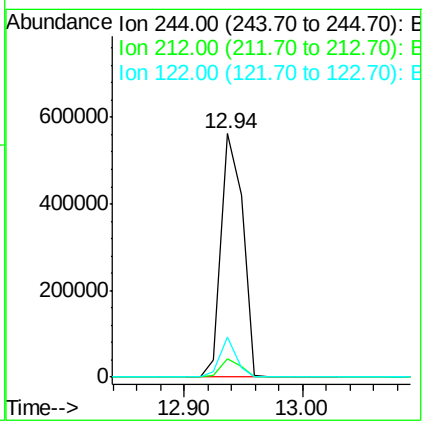


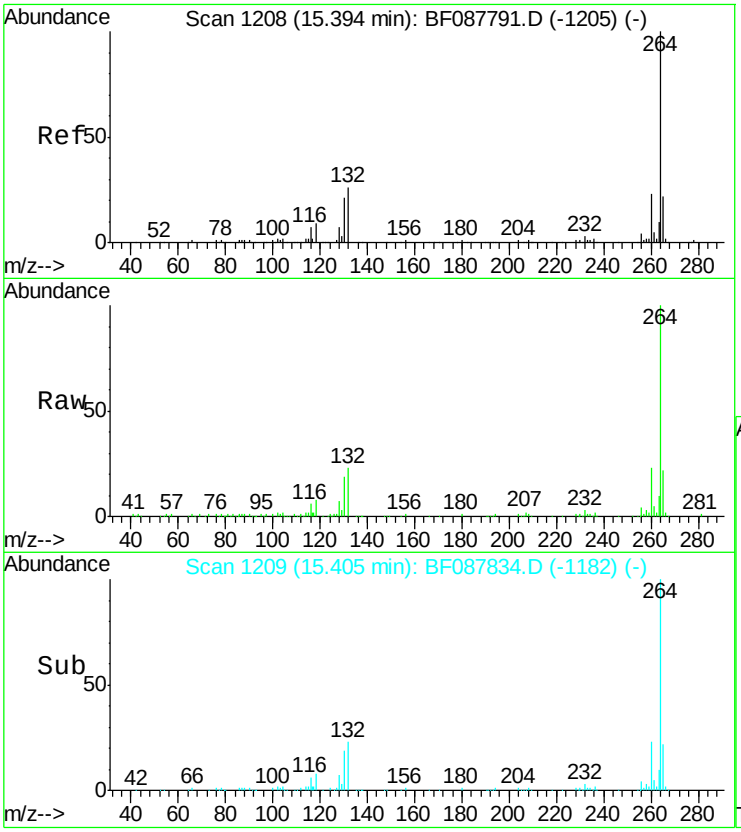


#78
Terphenyl-d14
Concen: 67.46 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:244 Resp: 704608

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.7	11.2	16.8



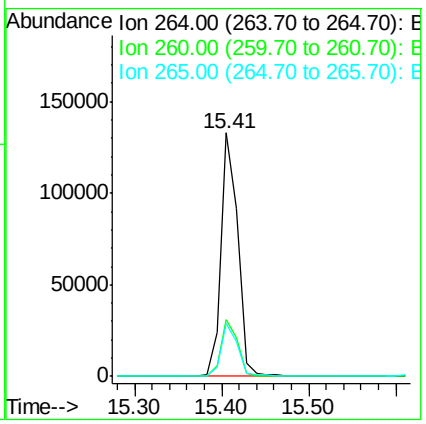


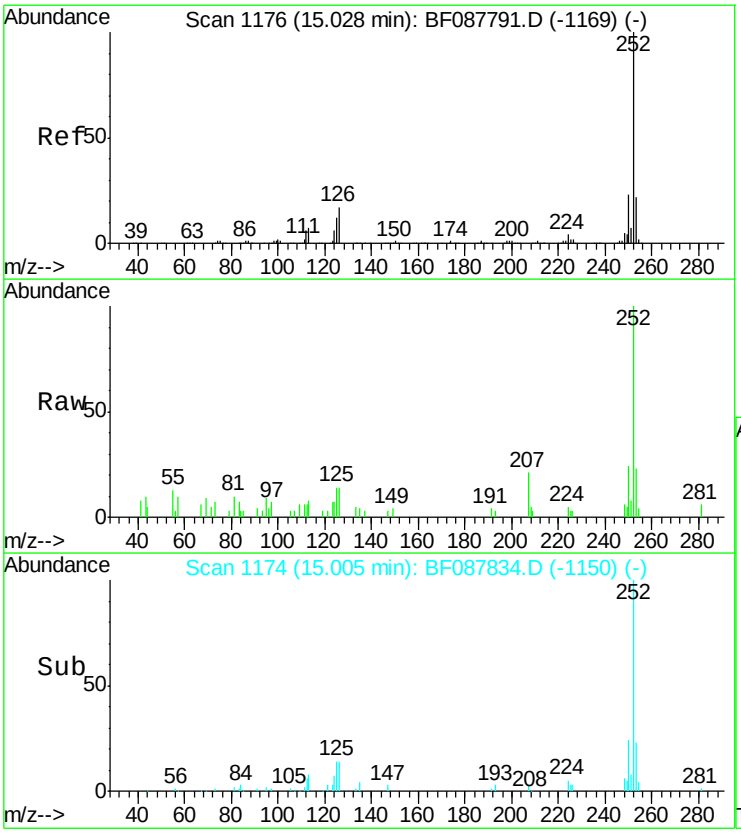
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP-0.5-11.0

Tgt Ion:264 Resp: 179201

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3





#88
Benzo(k)fluoranthene
Concen: 2.58 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087834.D
Acq: 9 Jun 2016 5:15

Tgt Ion:252 Resp: 24278

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	14.4	11.2	16.8