Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088387.D
Acq On : 25 Jun 2016 20:08
Operator : UM/SJ
Sample : H3602-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-B1(0-12)C

Quant Time: Jun 26 01:59:26 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	6.56	152	72768	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	294899	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	132798	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	219767	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	162309	20.00	ng		-0.06
86) Perylene-d12	15.04	264	133823	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	605335	142.21	ng		-0.02
7) Phenol-d6	6.24	99	762809	147.87	ng		-0.02
23) Nitrobenzene-d5	7.14	82	471562	93.38	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	167930	119.76	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	756189	89.76	ng		-0.05
78) Terphenyl-d14	12.65	244	566070	79.36	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.25	94	3538	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.14	70	59355	17.99	ng	#	65
25) Isophorone	7.14	82	462786	49.47	ng	#	65
45) 1,1'-Biphenyl	8.92	154	933	Below Cal		#	1
49) Dimethylphthalate	9.32	163	113594	11.81	ng		99
56) 2,4-Dinitrotoluene	9.59	165	16755	5.92	ng	#	36
57) Fluorene	10.38	166	6860	Below Cal		#	88
64) 4,6-Dinitro-2-methylphenol	10.38	198	206	2.31	ng	#	1
66) 4-Bromophenyl-phenylether	10.38	248	9423	4.00	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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Operator : UM/SJ
Sample : H3602-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
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PB-B1(0-12)C

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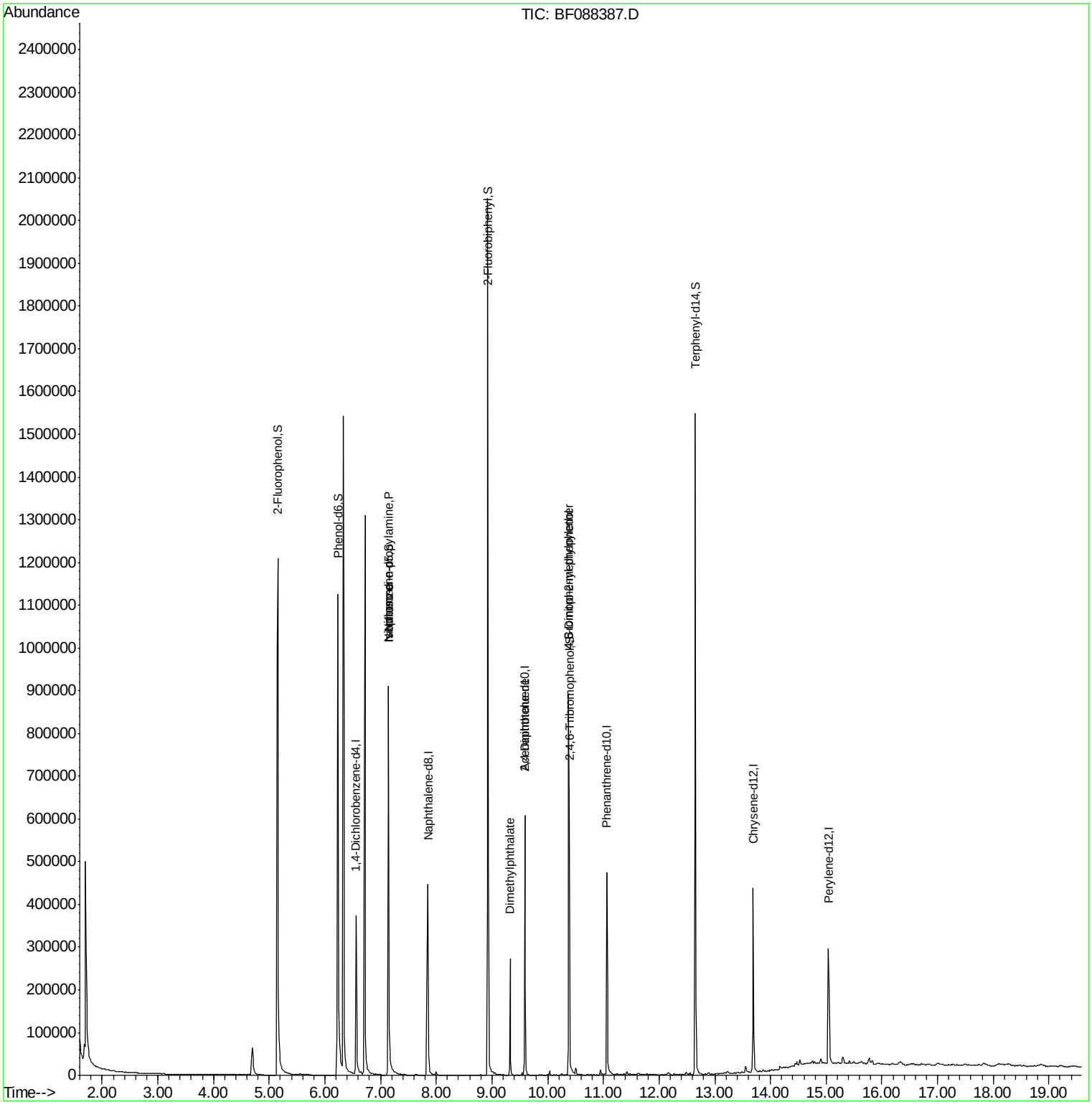
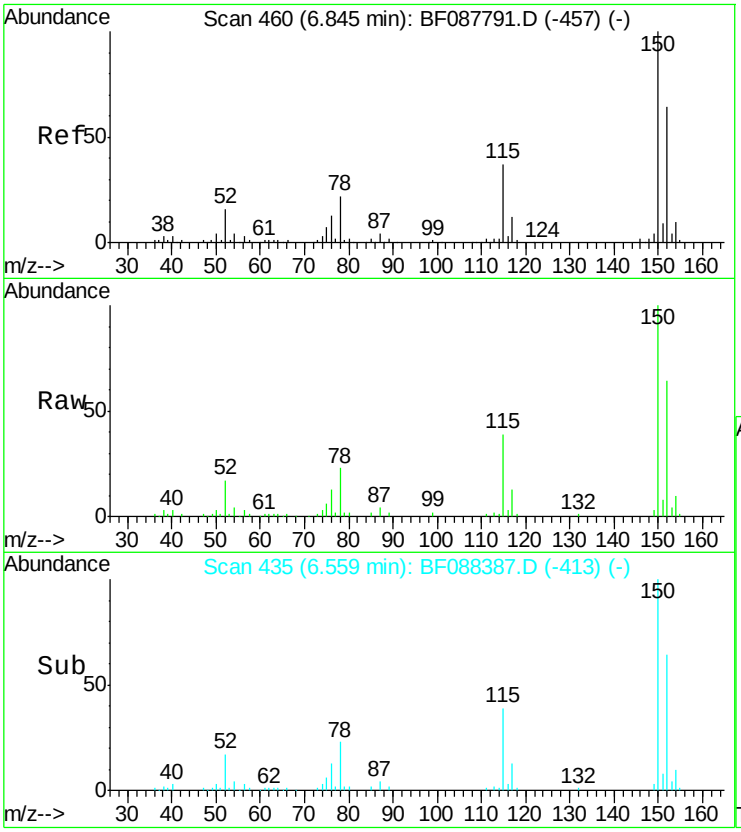


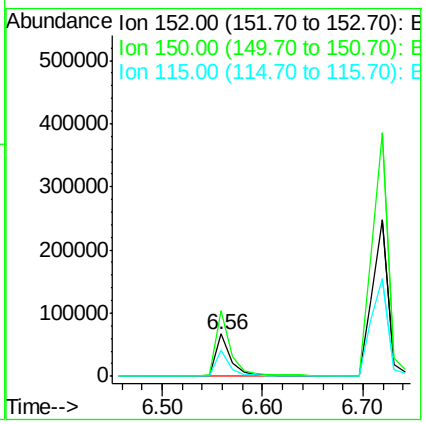


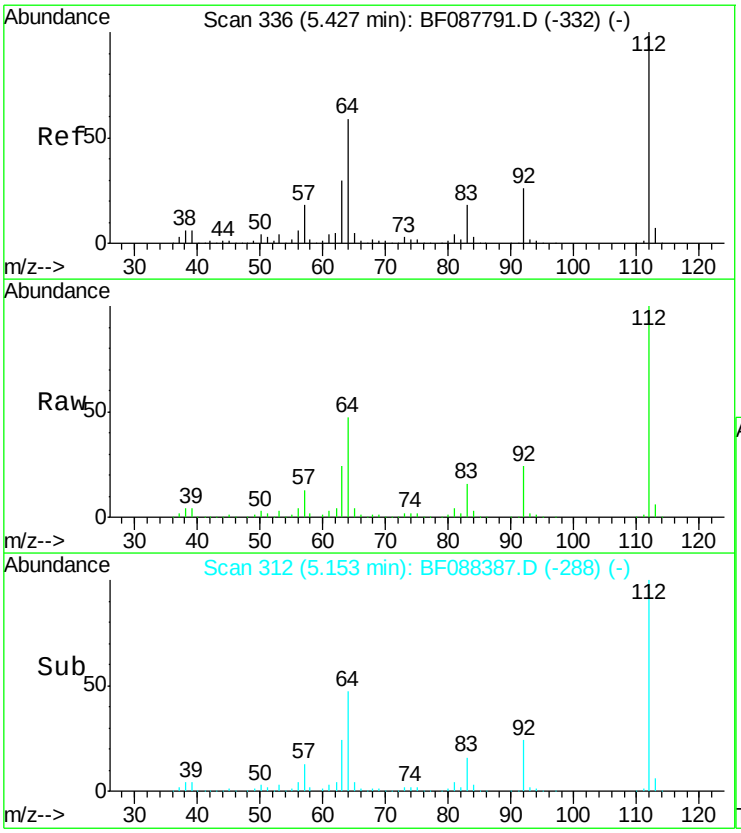
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:152 Resp: 72768

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	60.6	39.6	59.4#

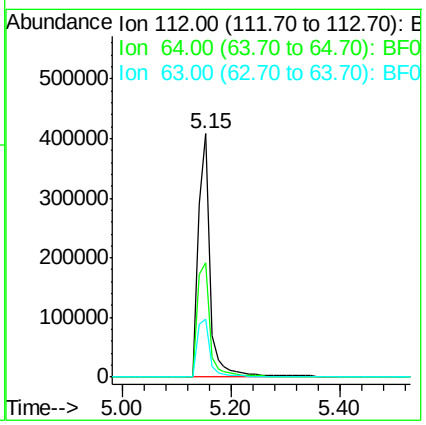


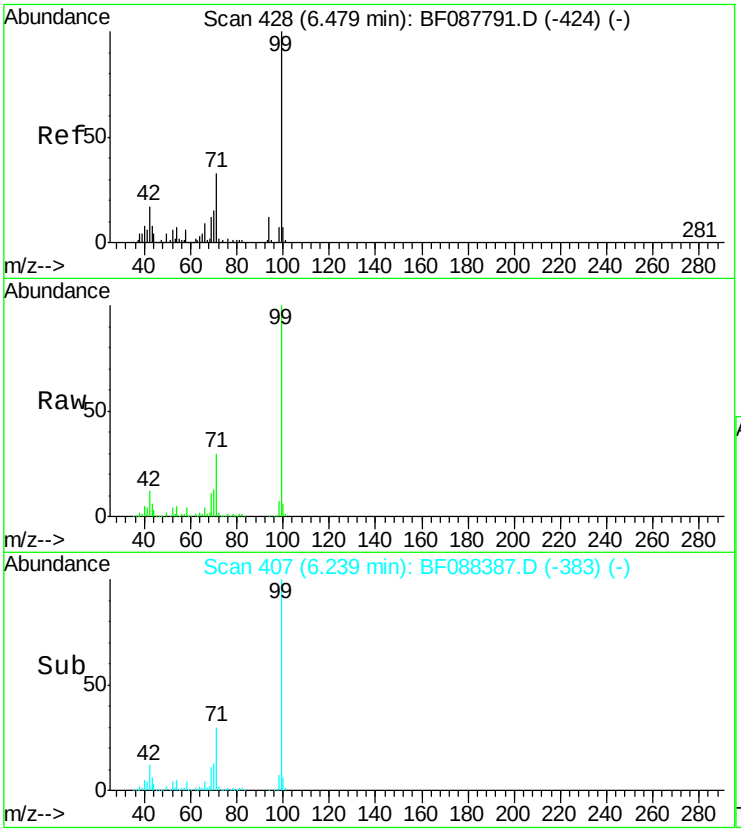


#5
2-Fluorophenol
Concen: 142.21 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:112 Resp: 605335

Ion	Ratio	Lower	Upper
112	100		
64	47.2	42.2	63.2
63	23.9	21.8	32.8



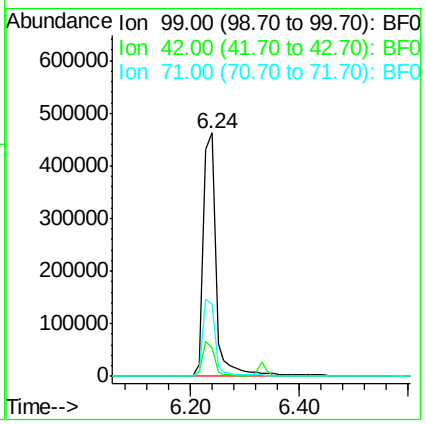


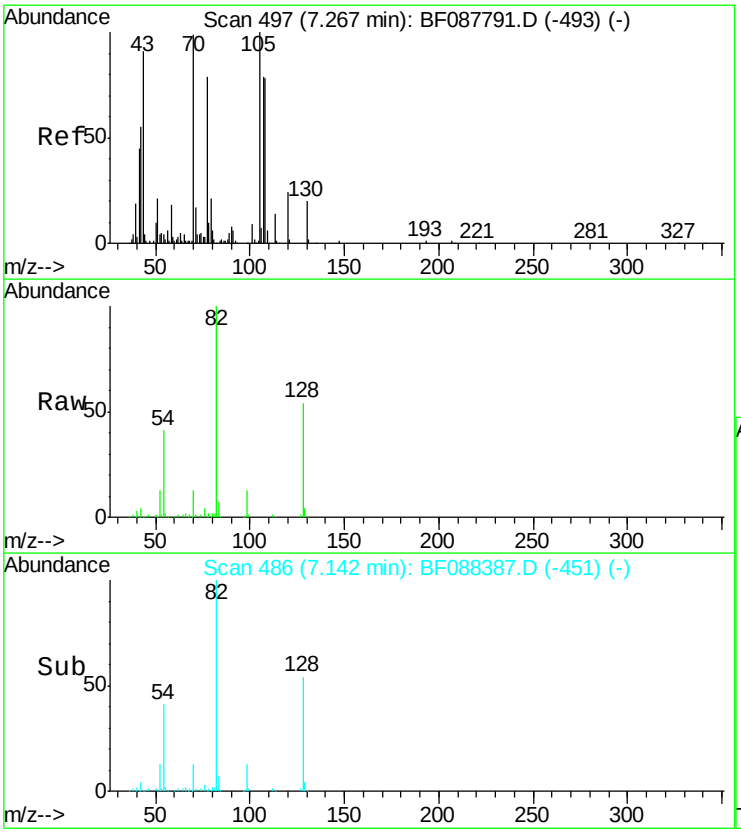
#7
Phenol-d6
Concen: 147.87 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion: 99 Resp: 762809

Ion	Ratio	Lower	Upper
99	100		
42	11.7	12.2	18.2#
71	29.7	23.4	35.0

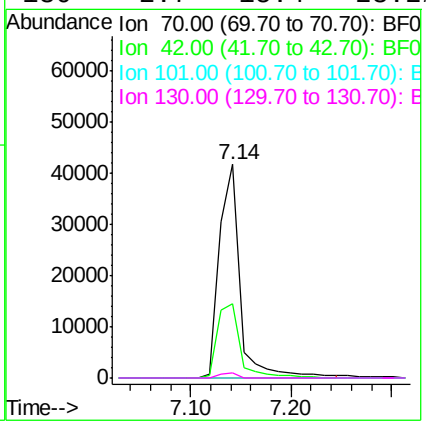


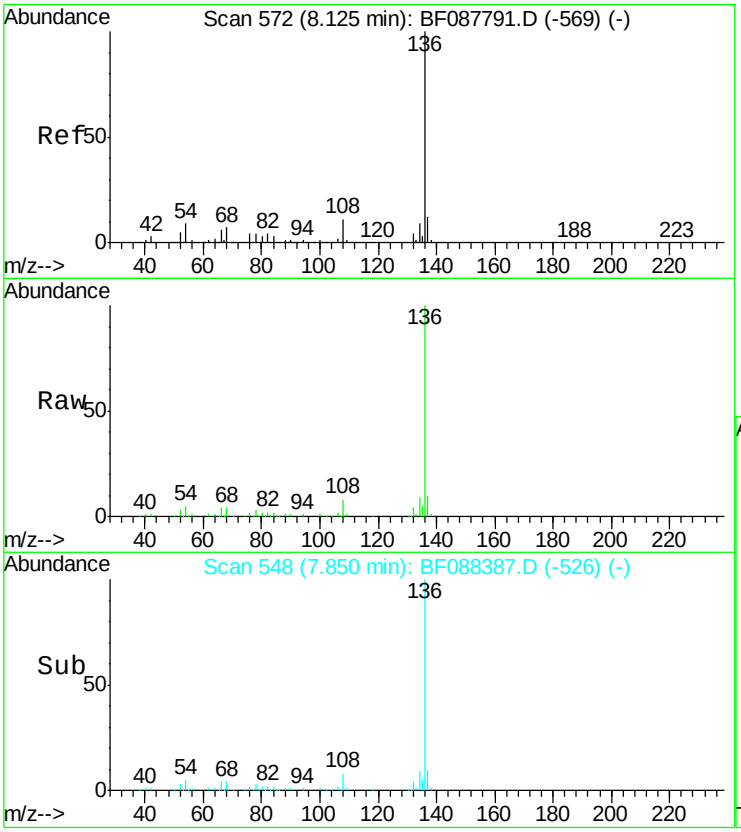


#19
n-Nitroso-di-n-propylamine
Concen: 17.99 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.10 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion: 70 Resp: 59355

Ion	Ratio	Lower	Upper
70	100		
42	34.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#



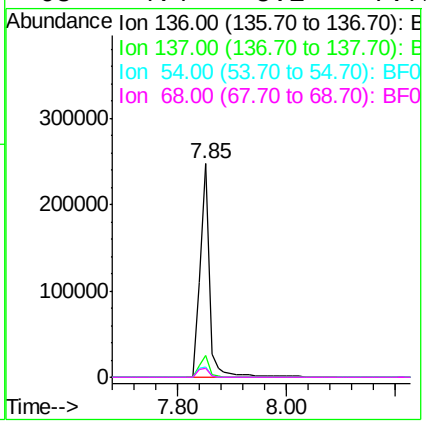


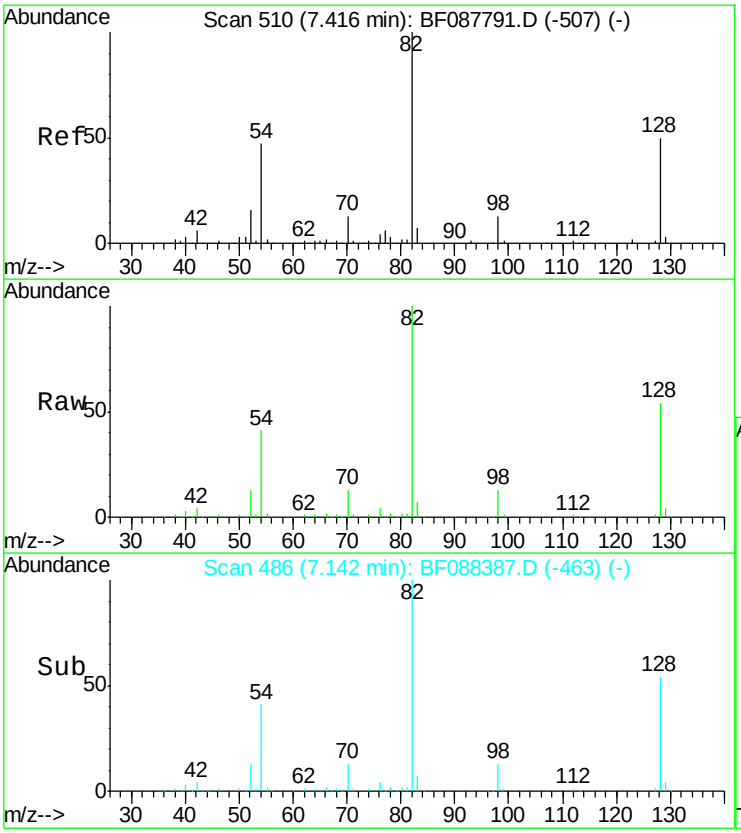
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:136 Resp: 294899

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.1	6.6	10.0#
68	4.4	5.1	7.7#

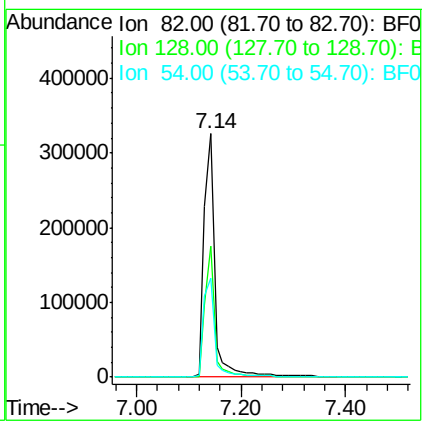


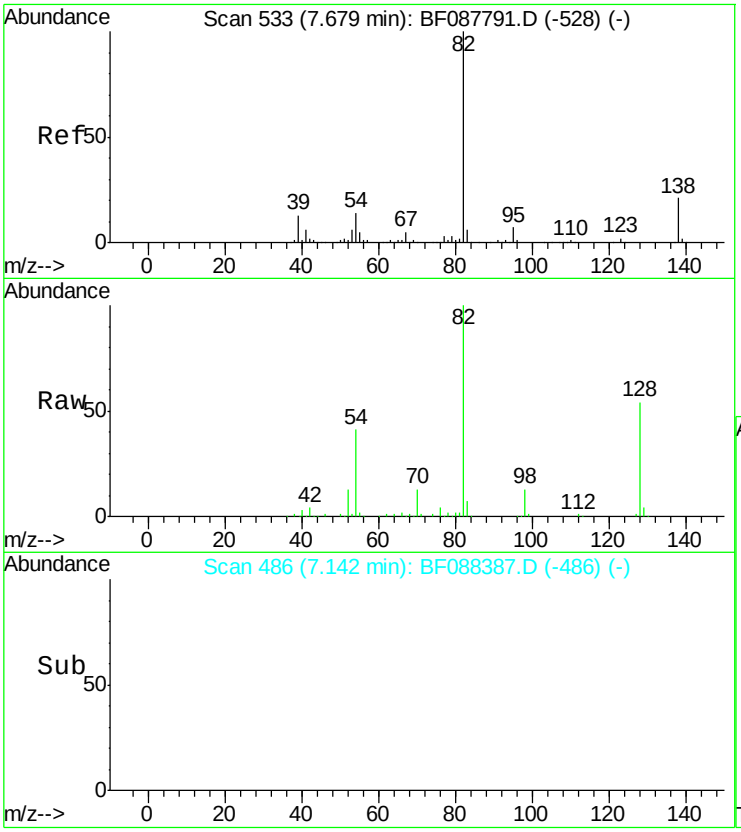


#23
Nitrobenzene-d5
Concen: 93.38 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion: 82 Resp: 471562

Ion	Ratio	Lower	Upper
82	100		
128	53.9	35.9	53.9
54	40.8	40.9	61.3#



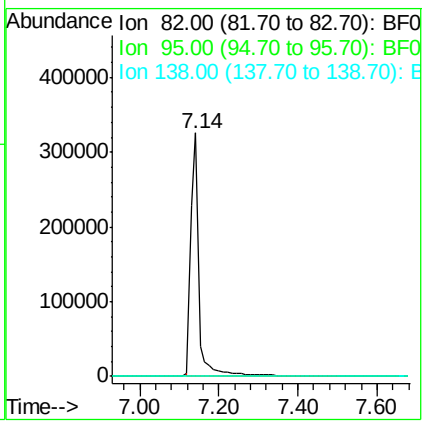


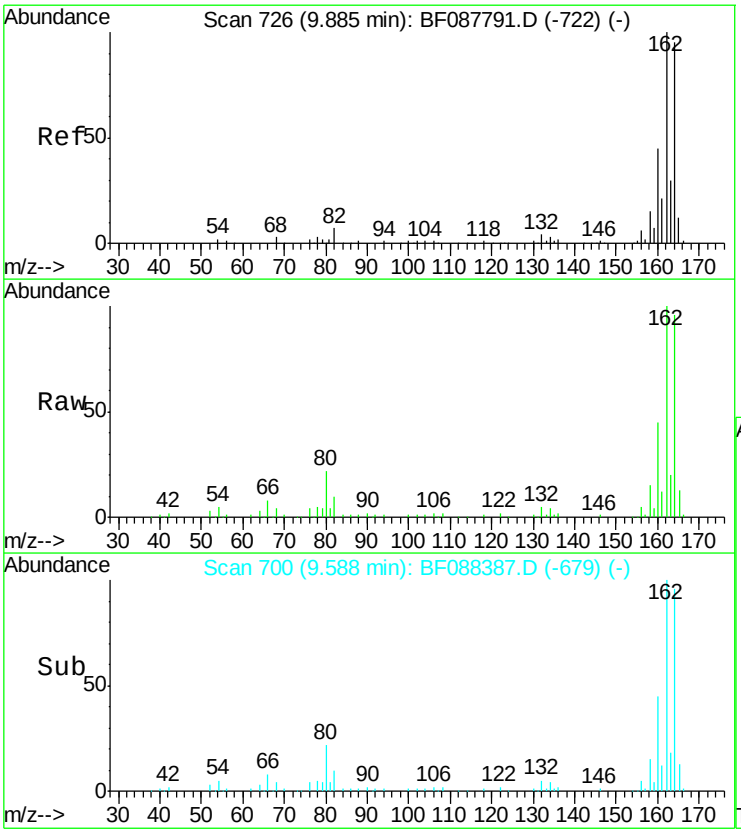
#25
Isophorone
Concen: 49.47 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion: 82 Resp: 462786

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

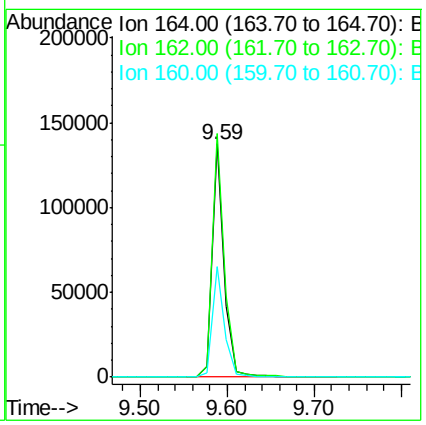


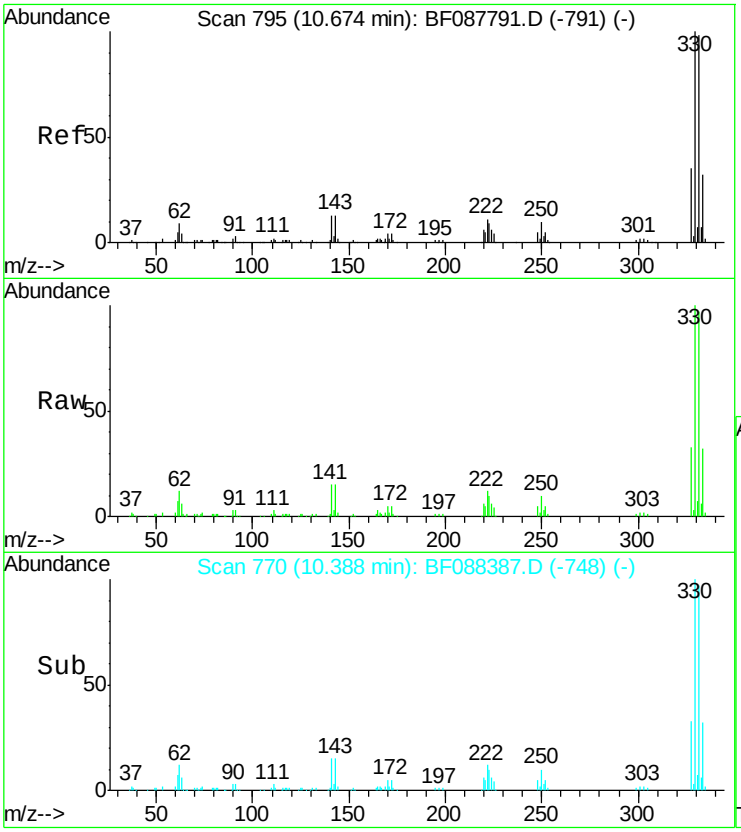


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:164 Resp: 132798

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.2	39.5	59.3



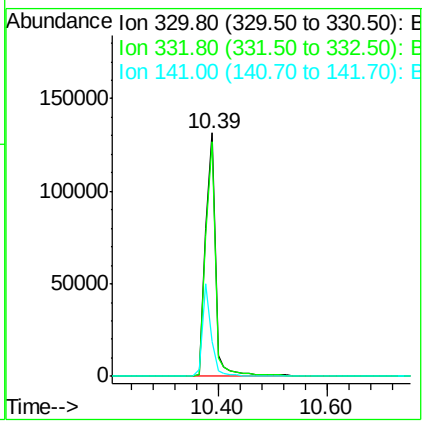


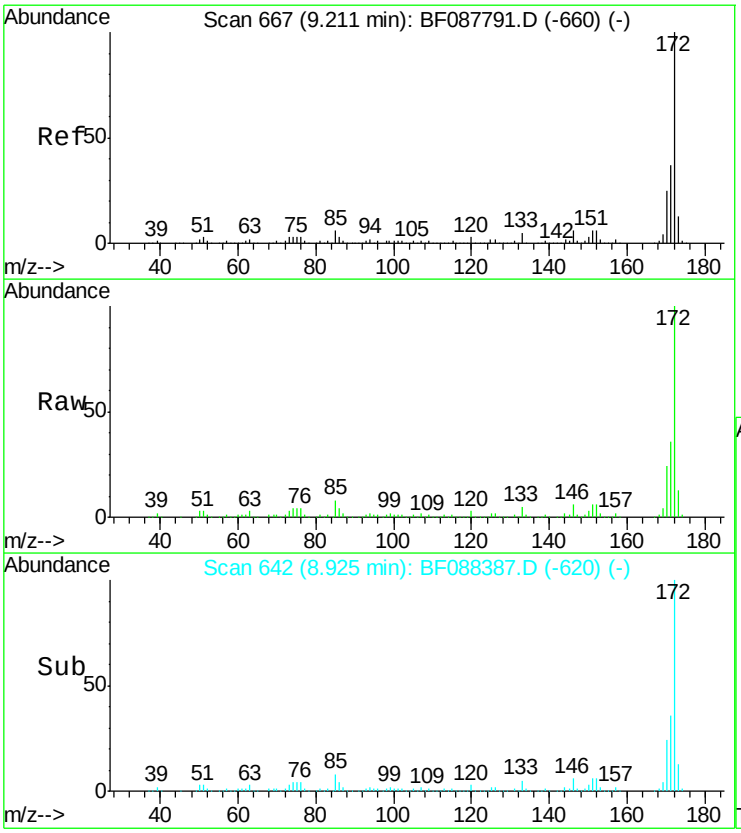
#41
2,4,6-Tribromophenol
Concen: 119.76 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:330 Resp: 167930

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	33.7	0.0	0.0#

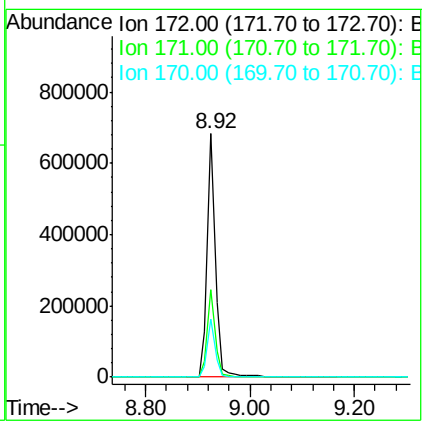


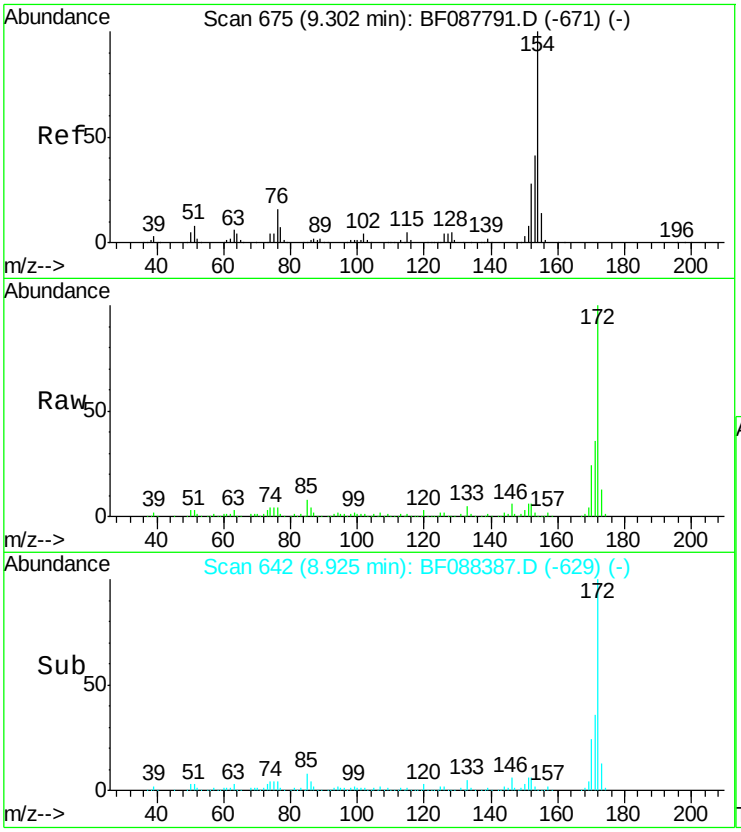


#44
2-Fluorobiphenyl
Concen: 89.76 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:172 Resp: 756189

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8



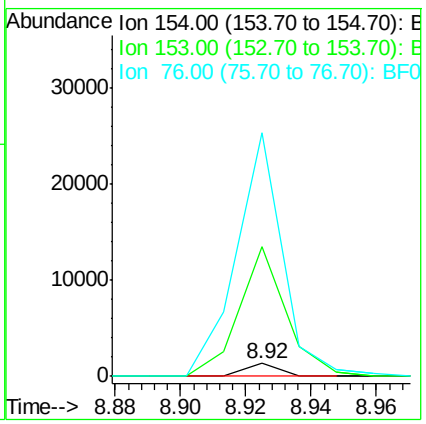


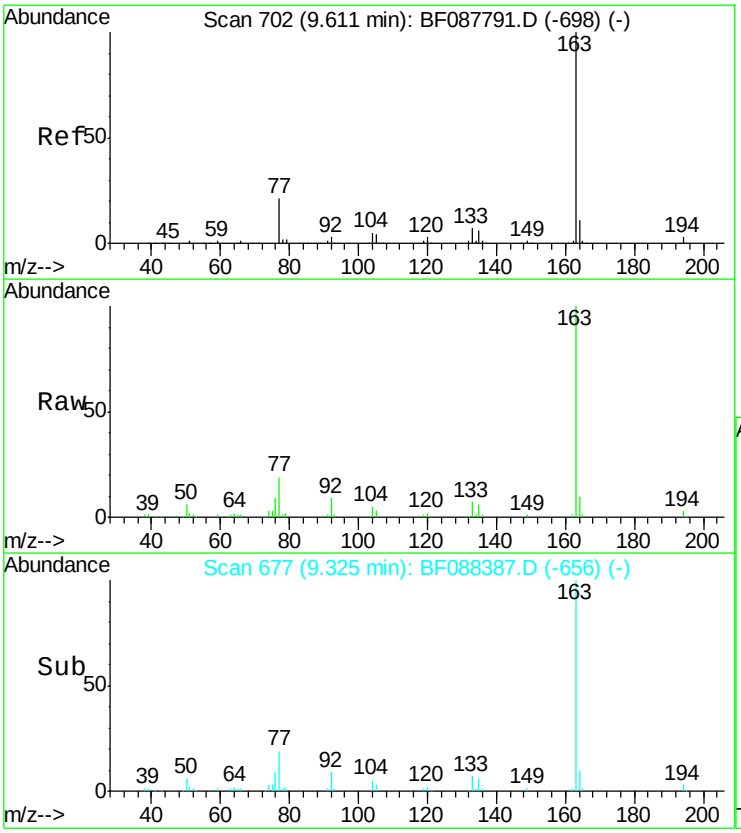
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.92 min Scan# 642
Delta R.T. -0.15 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:154 Resp: 933

Ion	Ratio	Lower	Upper
154	100		
153	995.7	20.6	60.6#
76	1864.5	0.0	35.1#

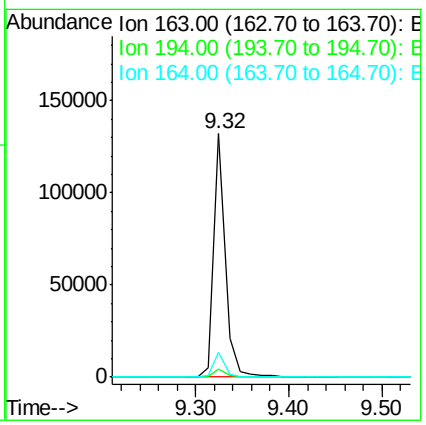


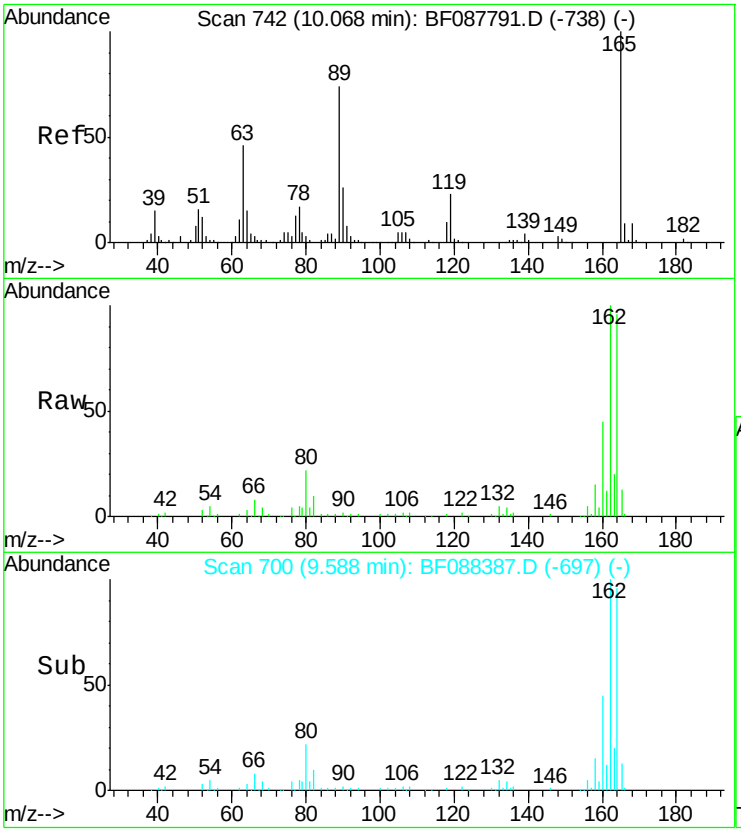


#49
Dimethylphthalate
Concen: 11.81 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:163 Resp: 113594

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.0	8.3	12.5



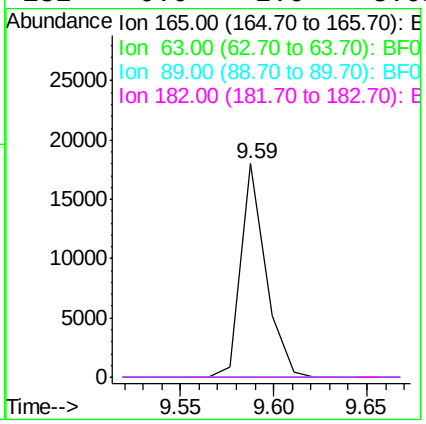


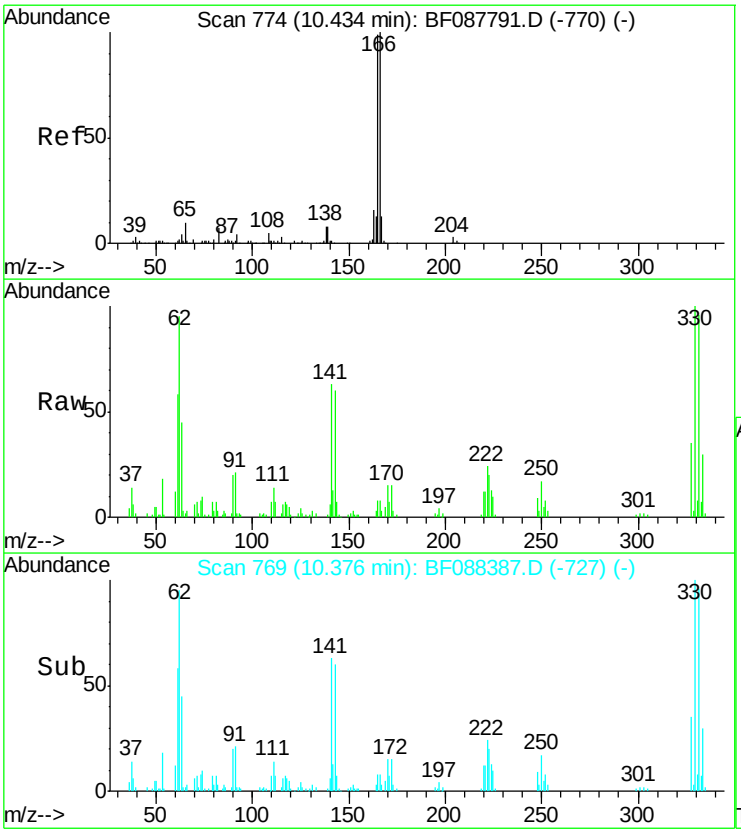
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:165 Resp: 16755

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#

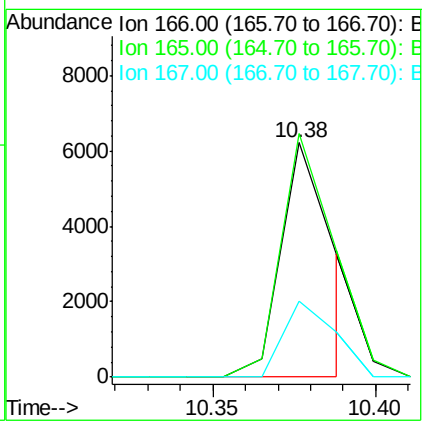


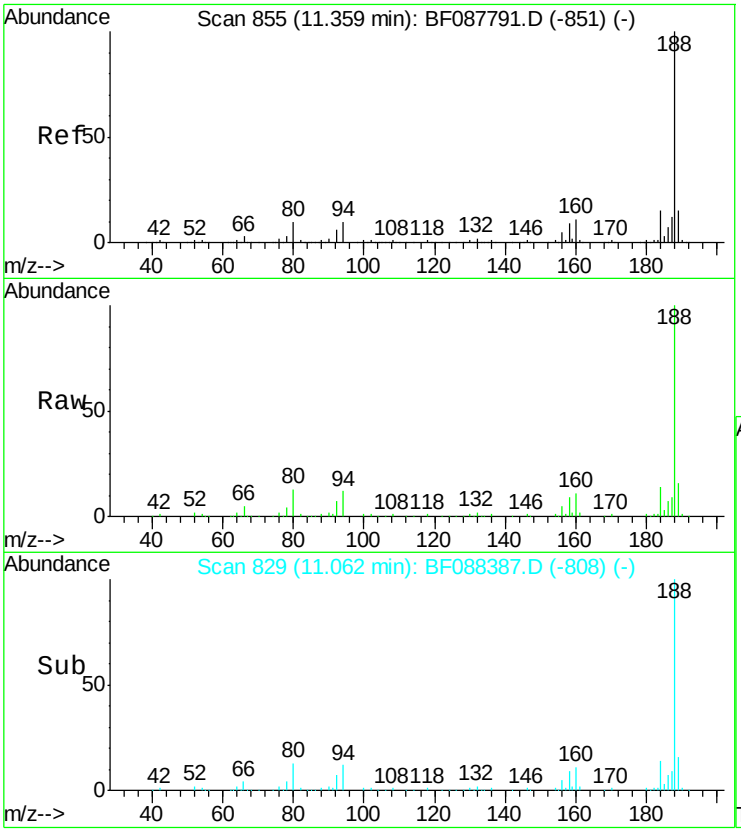


#57
Fluorene
Concen: Below Cal
RT: 10.38 min Scan# 769
Delta R.T. 0.18 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:166 Resp: 6860

Ion	Ratio	Lower	Upper
166	100		
165	103.8	77.8	116.8
167	32.6	11.2	16.8#



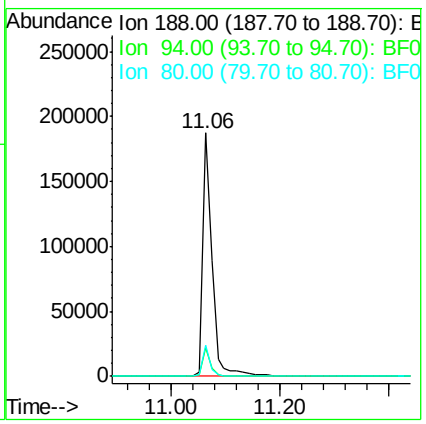


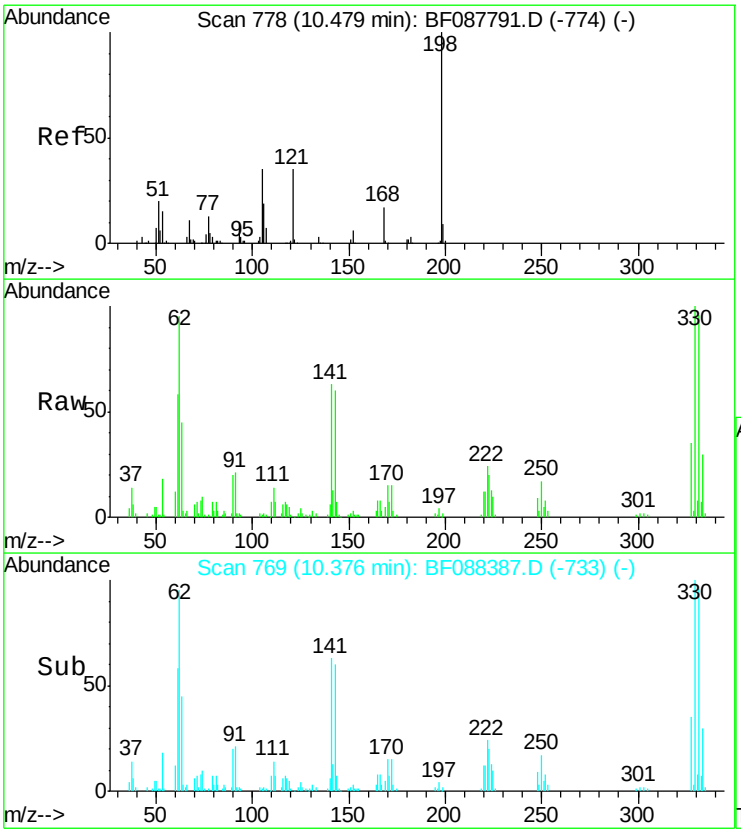
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:188 Resp: 219767

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.6
80	12.6	10.0	15.0

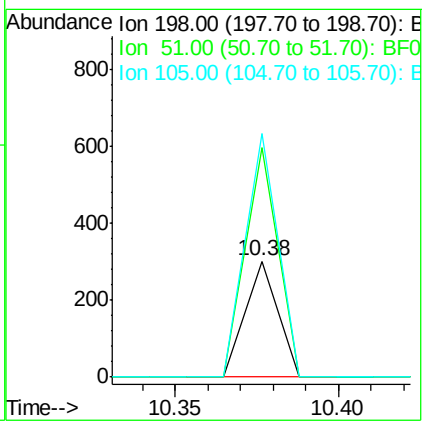


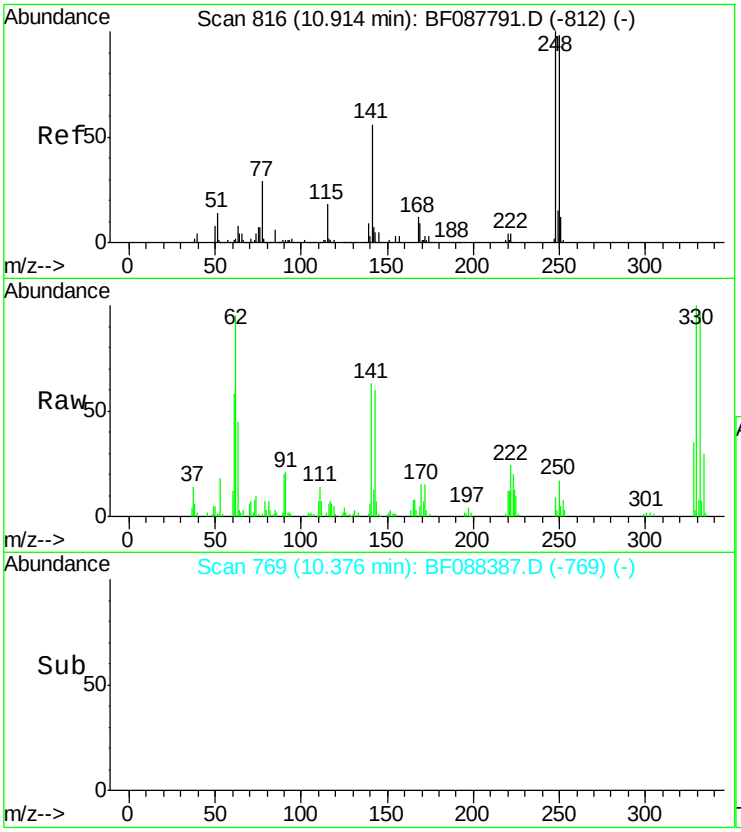


#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.11 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:198 Resp: 206

Ion	Ratio	Lower	Upper
198	100		
51	198.3	39.6	79.6#
105	210.0	36.6	76.6#



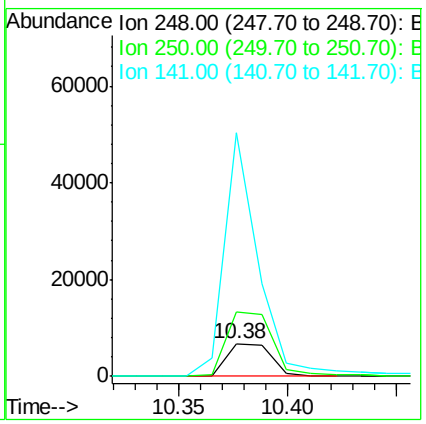


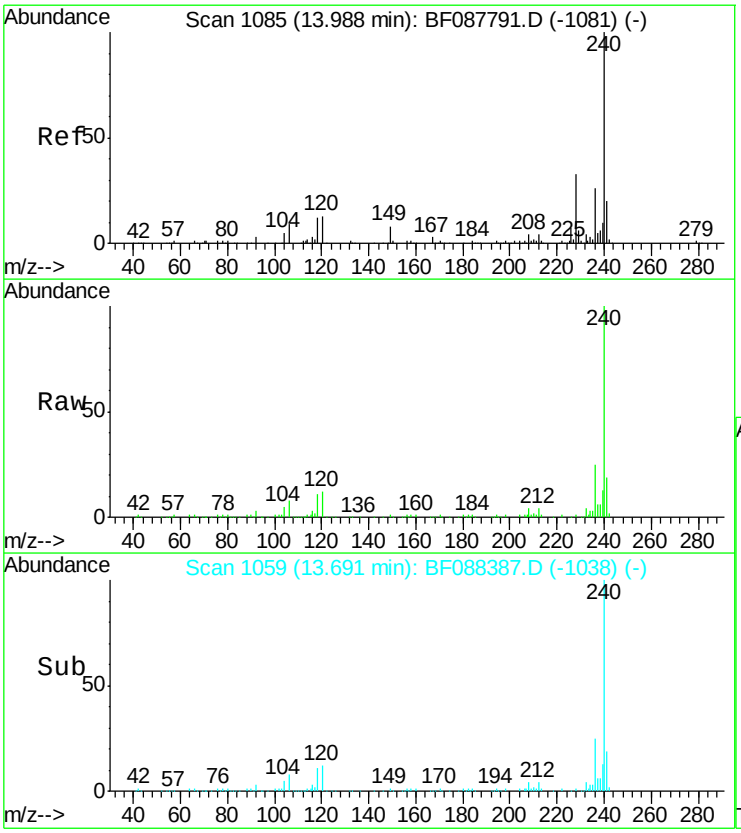
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:248 Resp: 9423

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.1	115.7#
141	739.9	50.6	76.0#

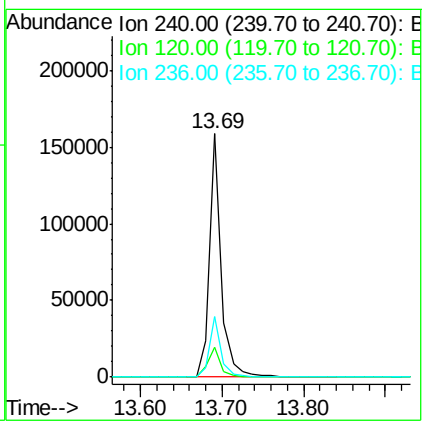


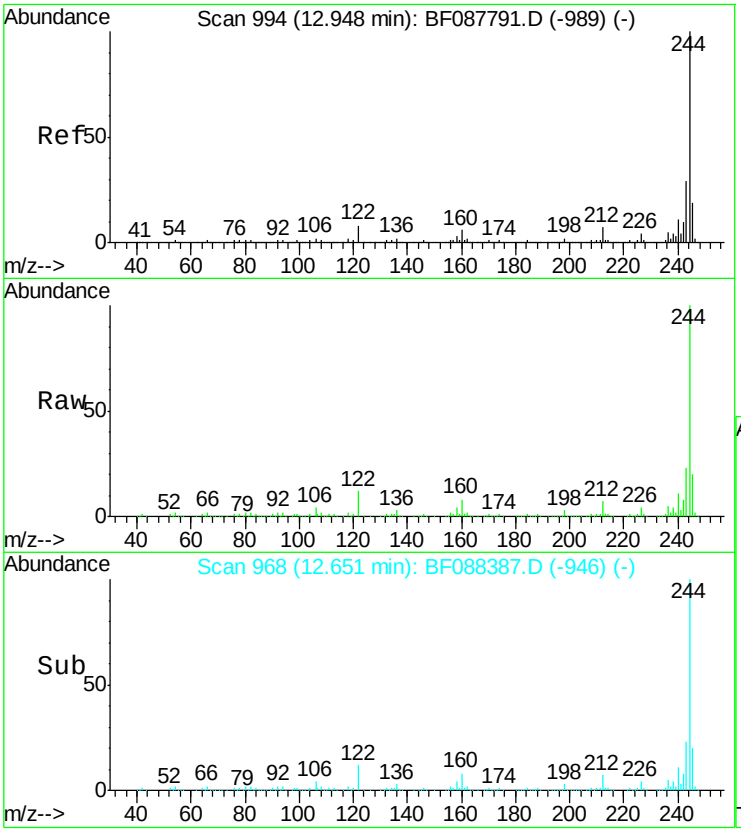


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:240 Resp: 162309

Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	24.7	20.2	30.2



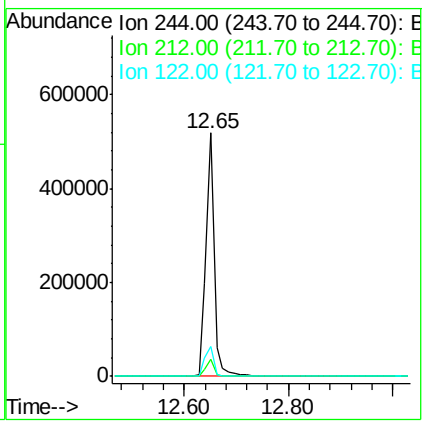


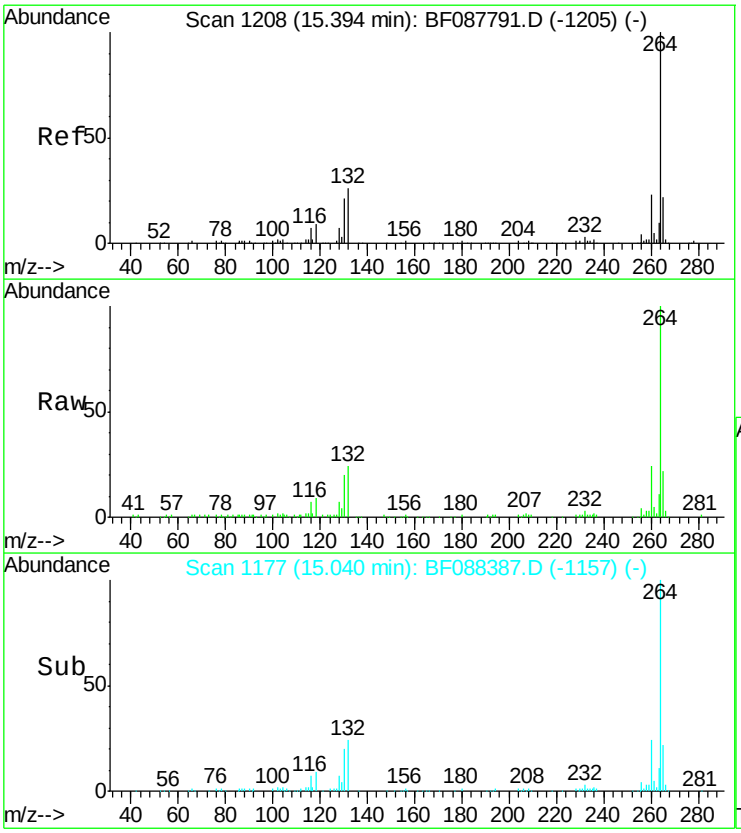
#78
Terphenyl-d14
Concen: 79.36 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)C

Tgt Ion:244 Resp: 566070

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088387.D
Acq: 25 Jun 2016 20:08

Tgt Ion:264 Resp: 133823

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	16.9	25.3