Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087166.D
Acq On : 19 May 2016 2:52
Operator : UM/SJ
Sample : PB90651TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90651TB

Quant Time: May 19 03:55:17 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	128783	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	511532	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	239378	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	407087	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	298760	20.00	ng	-0.05
86) Perylene-d12	15.06	264	296478	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	930782	121.48	ng	-0.02
7) Phenol-d6	6.25	99	1234998	120.18	ng	-0.03
23) Nitrobenzene-d5	7.15	82	805440	78.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	252586	95.49	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1276487	88.31	ng	-0.03
78) Terphenyl-d14	12.67	244	1047701	79.33	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	113834	14.57	ng	# 76
25) Isophorone	7.15	82	631066	33.59	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	30076	7.59	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	30076	5.92	ng	# 17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
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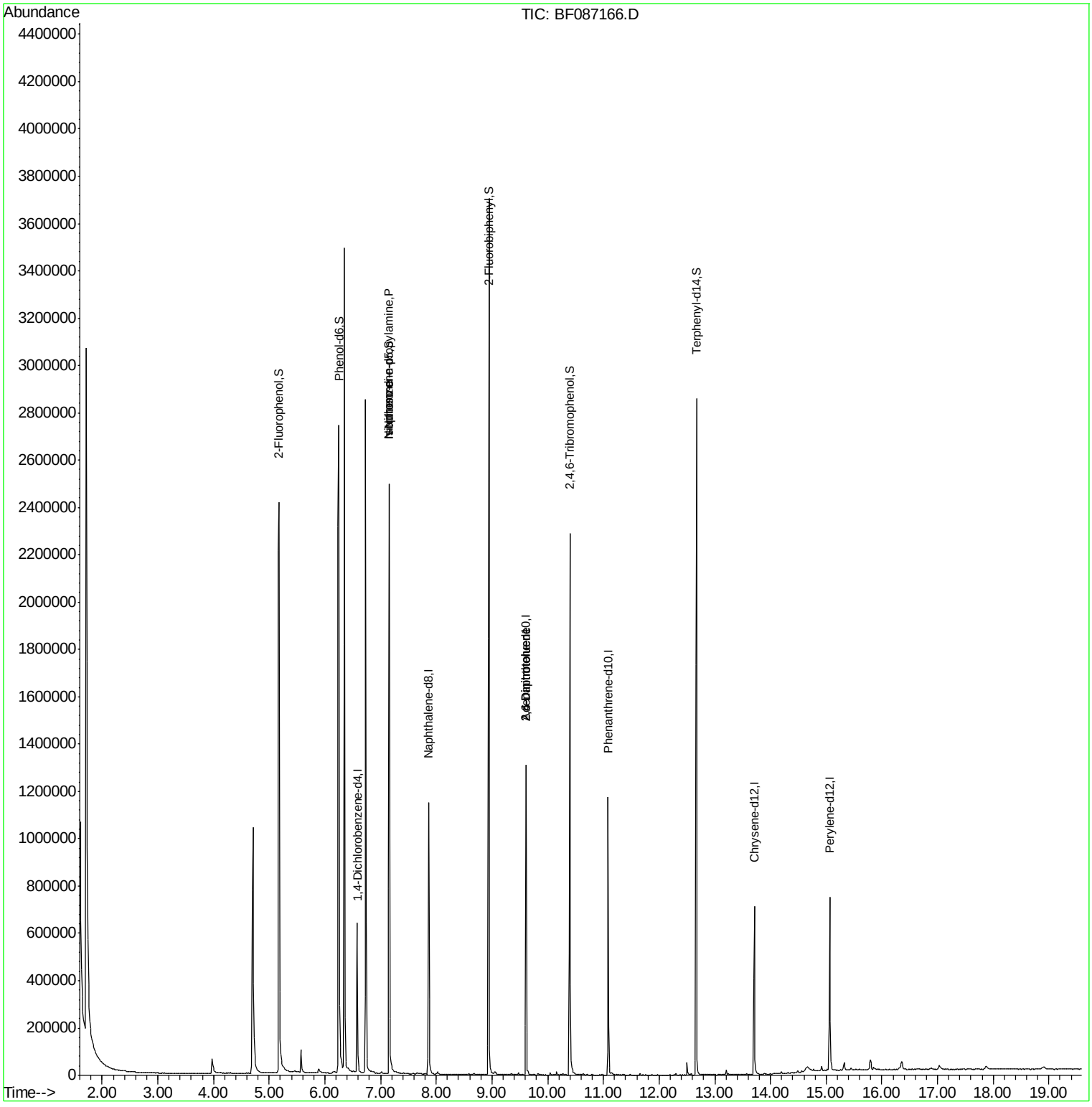
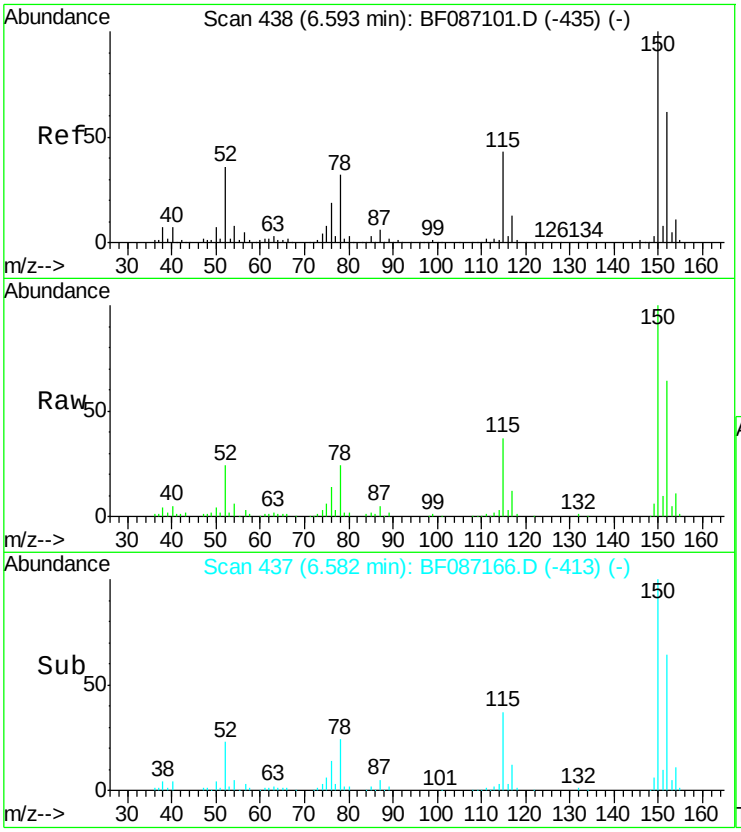


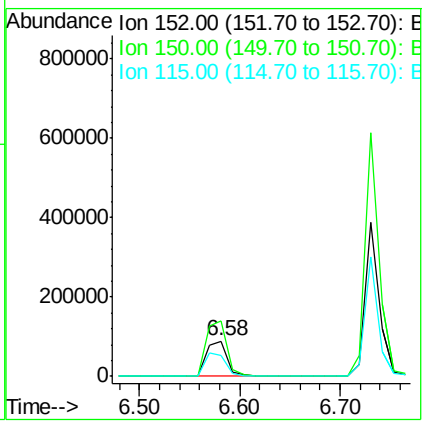


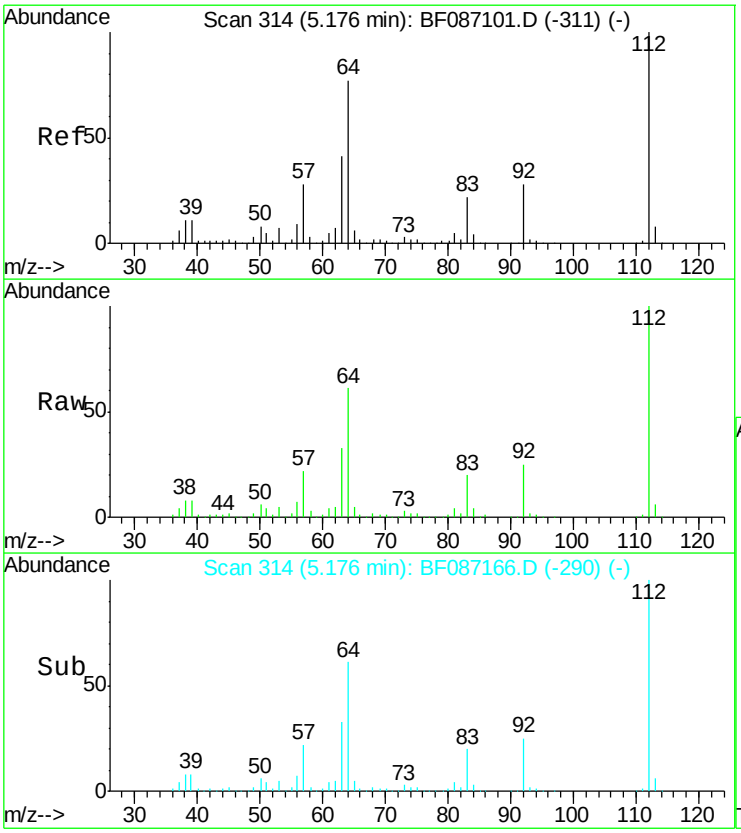
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:152 Resp: 128783

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.8	188.6
115	58.2	51.5	77.3

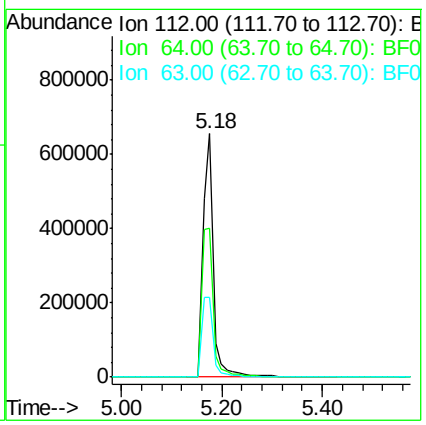


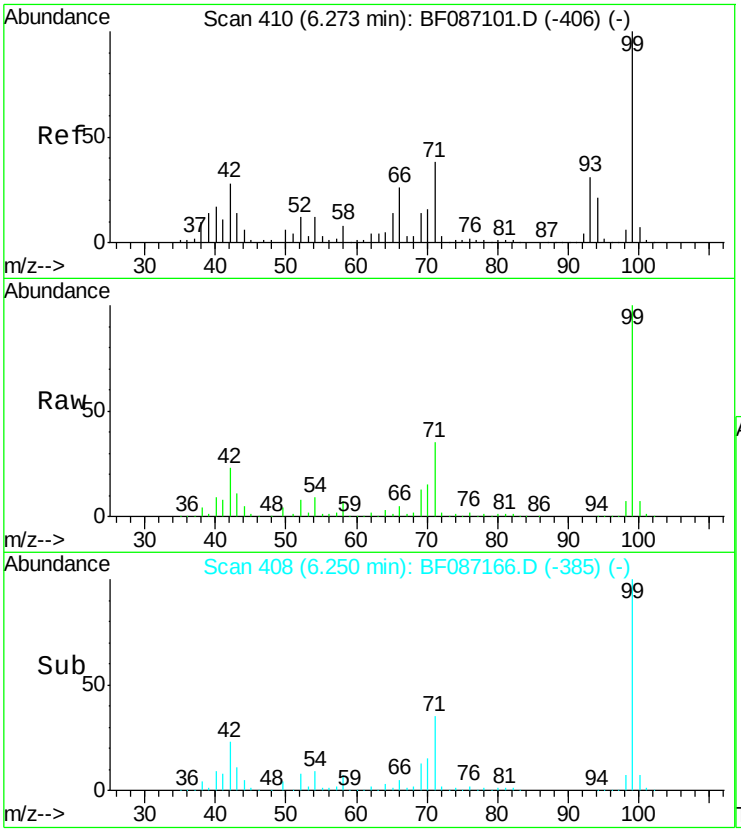


#5
2-Fluorophenol
Concen: 121.48 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.02 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:112 Resp: 930782

Ion	Ratio	Lower	Upper
112	100		
64	61.2	52.1	78.1
63	33.0	25.7	38.5



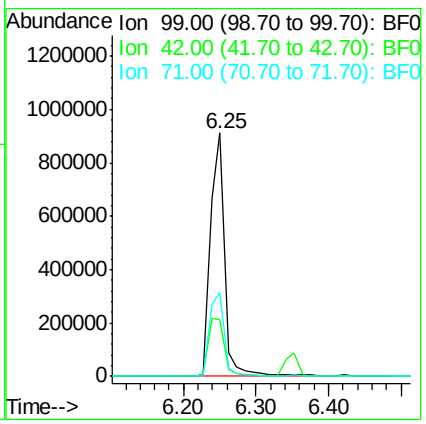


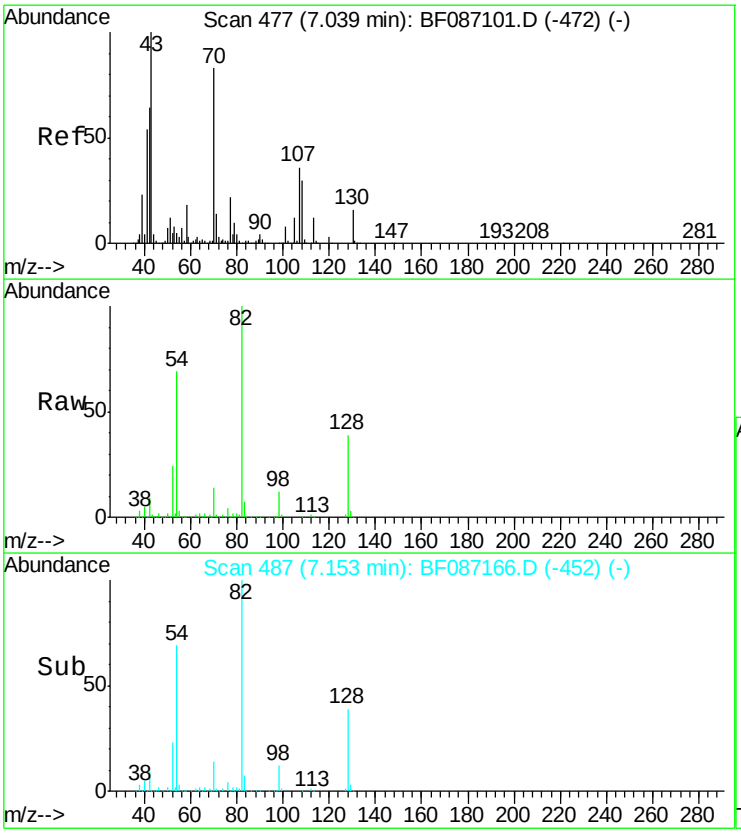
#7
Phenol-d6
Concen: 120.18 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion: 99 Resp: 1234998

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.6	20.4#
71	34.5	24.6	36.8

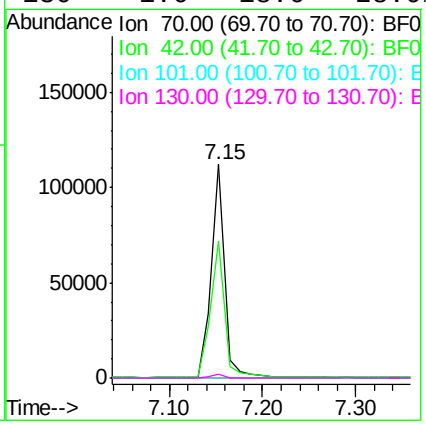


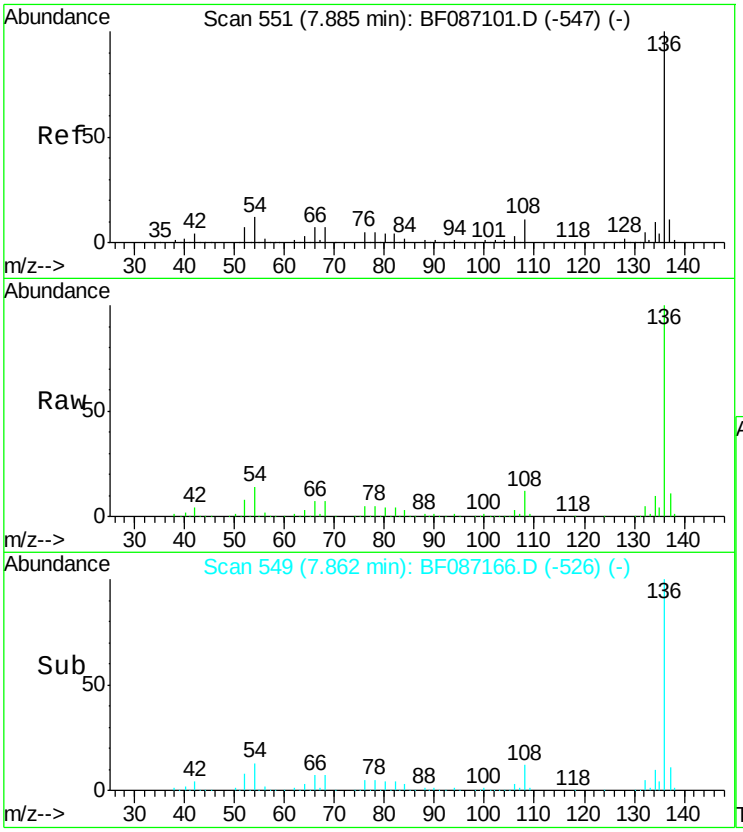


#19
n-Nitroso-di-n-propylamine
Concen: 14.57 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion: 70 Resp: 113834

Ion	Ratio	Lower	Upper
70	100		
42	64.4	43.1	64.7
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



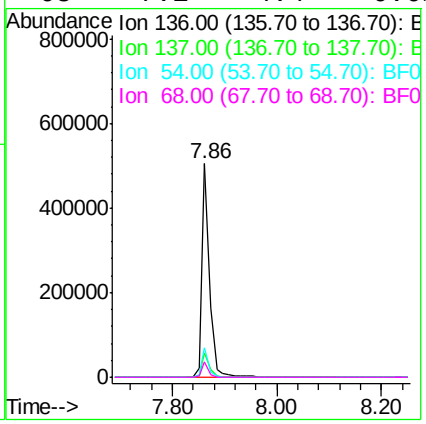


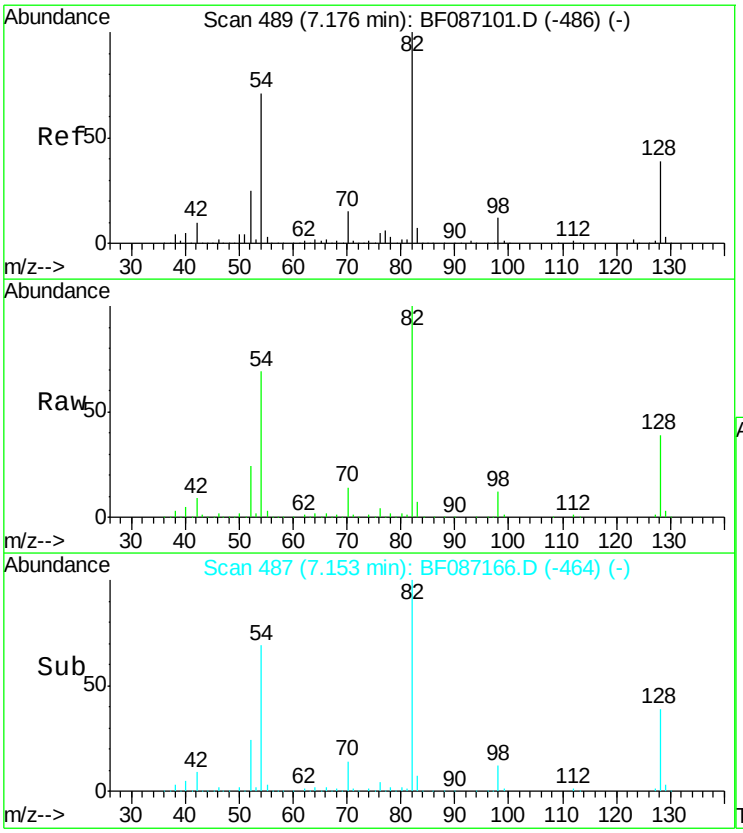
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:136 Resp: 511532

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.6	5.0	7.4#
68	7.1	4.4	6.6#

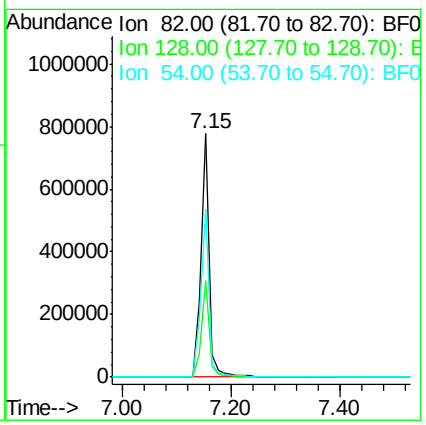


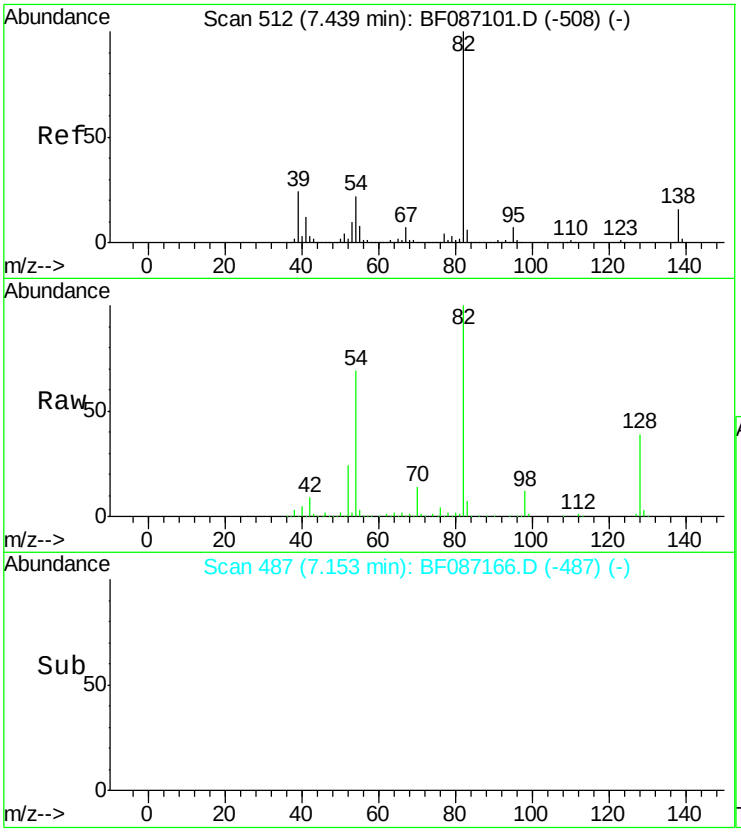


#23
Nitrobenzene-d5
Concen: 78.47 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion: 82 Resp: 805440

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	69.0	38.1	57.1#



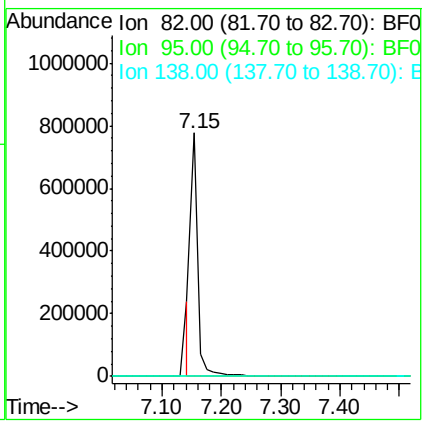


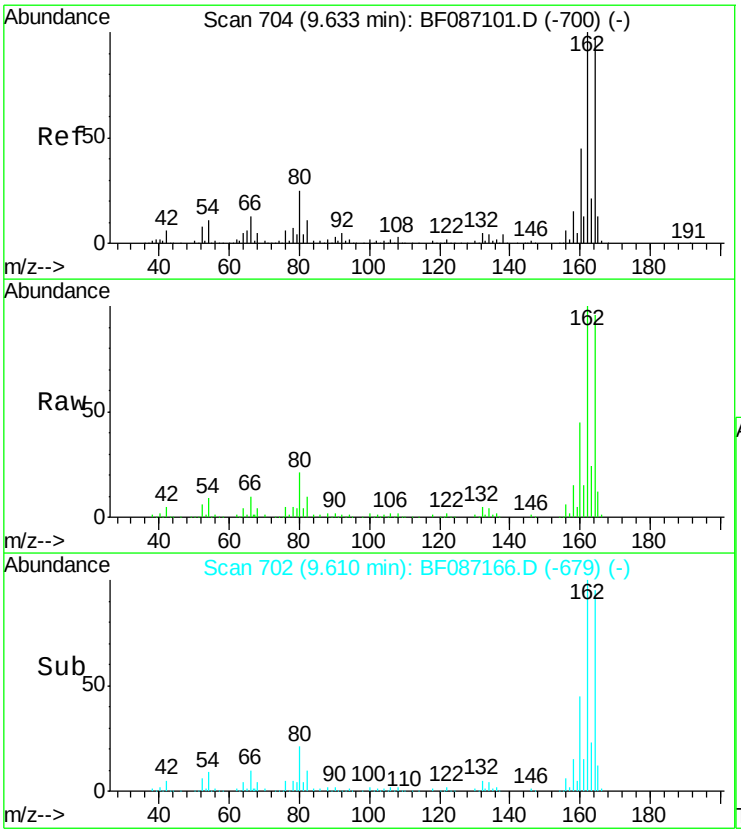
#25
Isophorone
Concen: 33.59 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion: 82 Resp: 631066

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

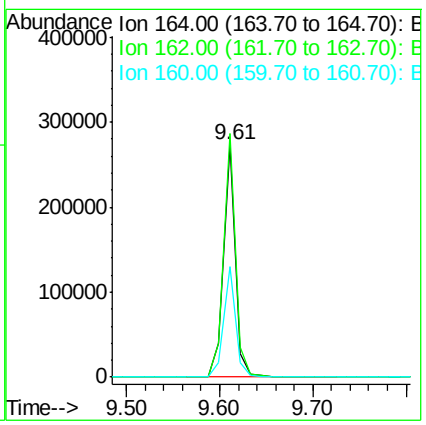


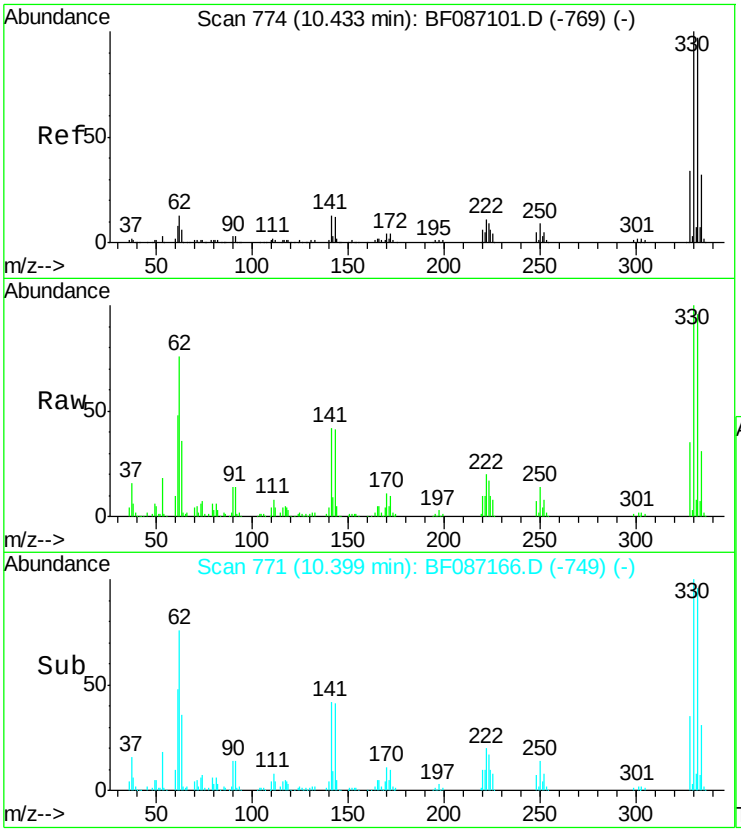


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:164 Resp: 239378

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.8	124.2
160	47.6	36.9	55.3



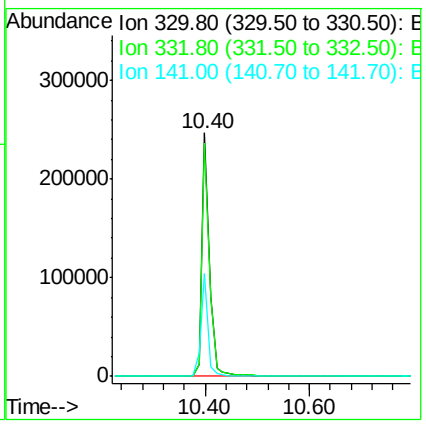


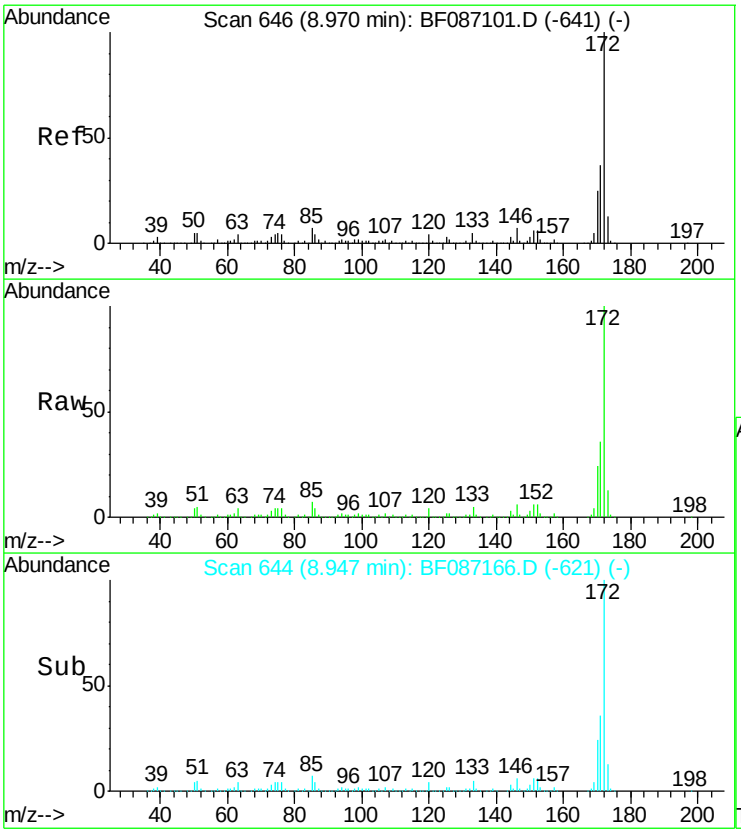
#41
2,4,6-Tribromophenol
Concen: 95.49 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:330 Resp: 252586

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	39.6	31.2	46.8

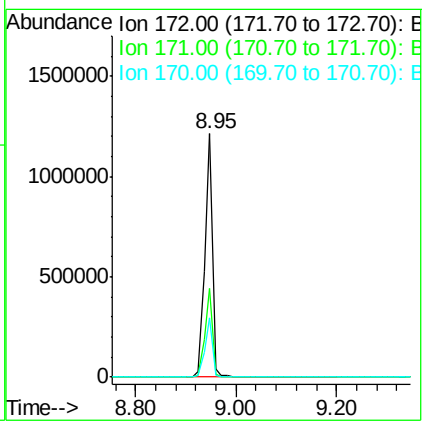


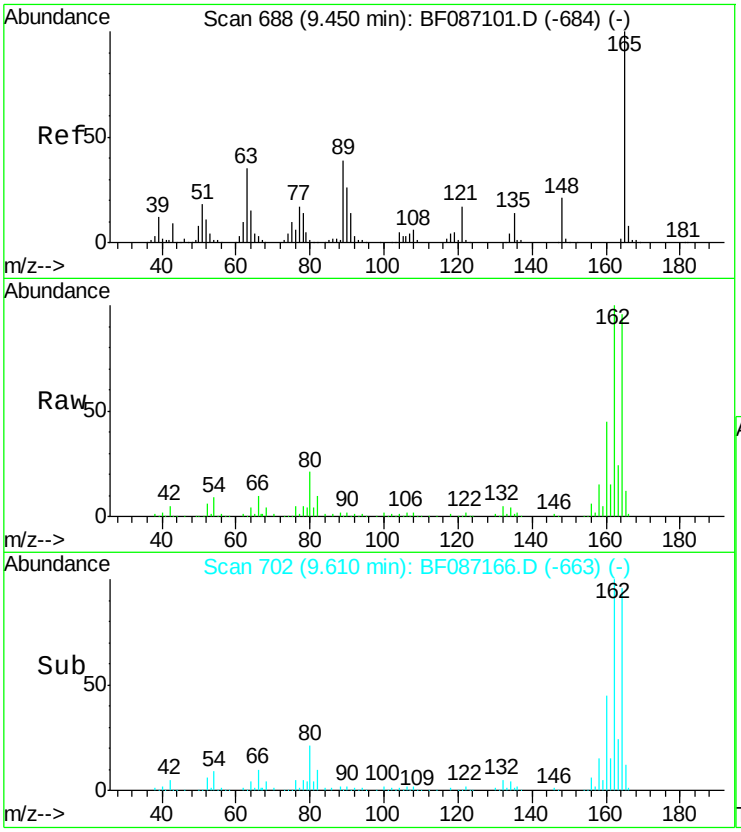


#44
2-Fluorobiphenyl
Concen: 88.31 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:172 Resp: 1276487

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8



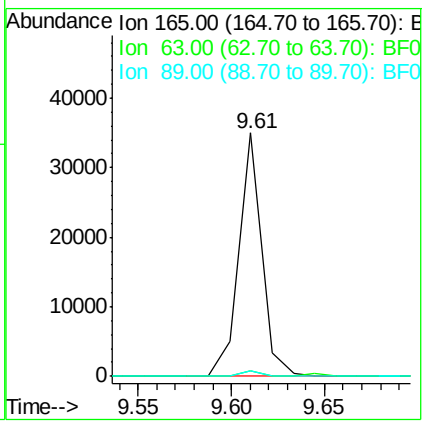


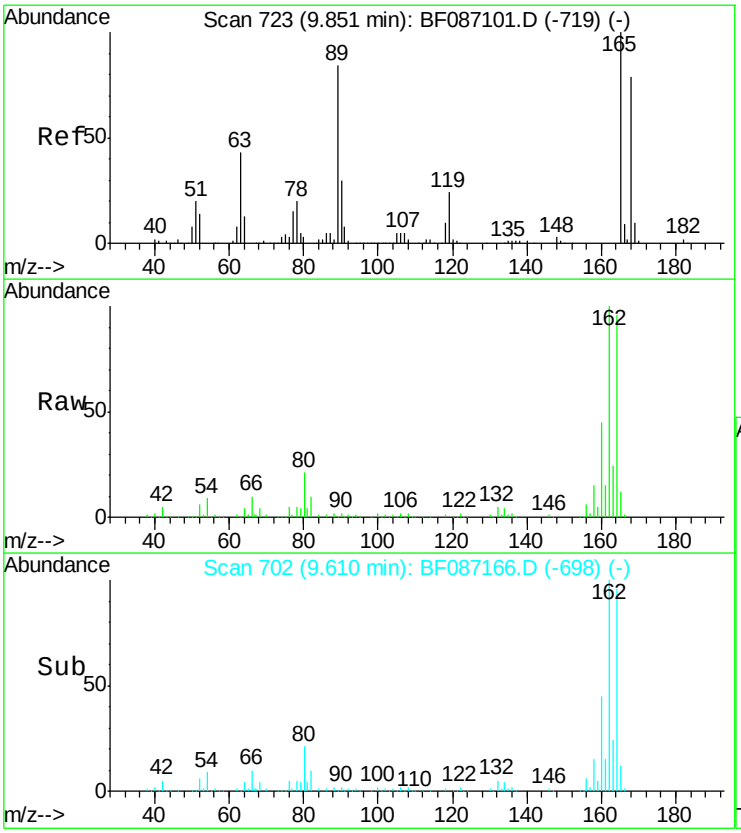
#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:165 Resp: 30076

Ion	Ratio	Lower	Upper
165	100		
63	2.4	51.8	77.8#
89	2.3	50.7	76.1#

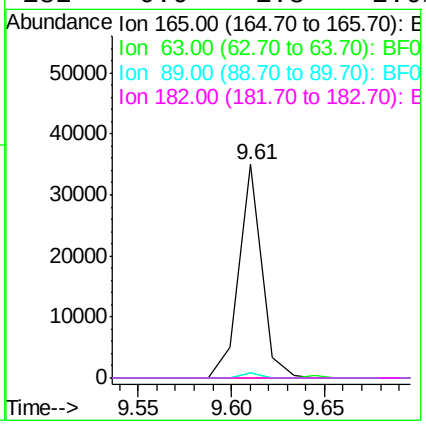


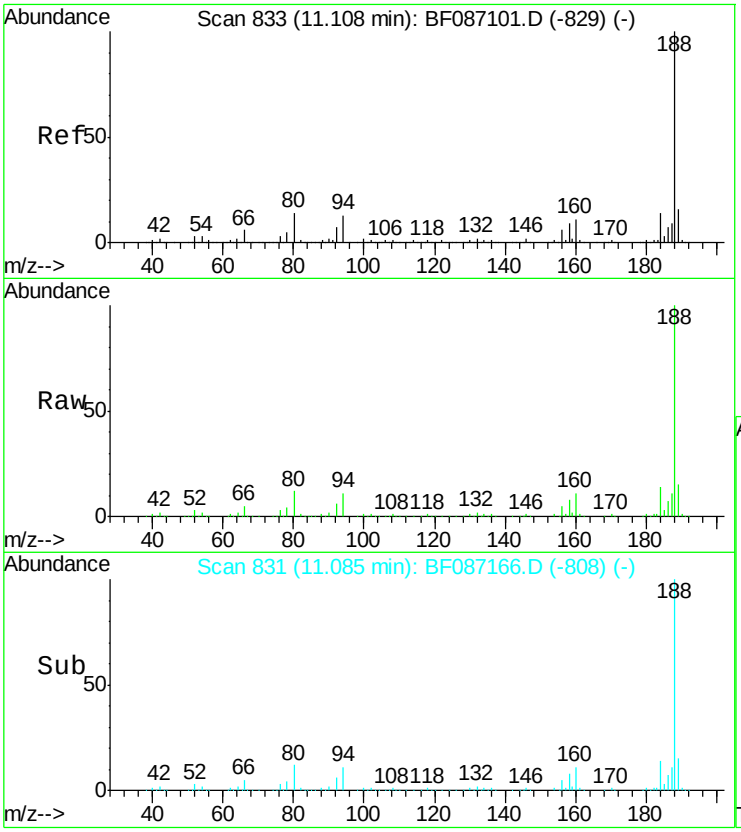


#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:165 Resp: 30076

Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	2.3	70.0	105.0#
182	0.0	1.8	2.6#



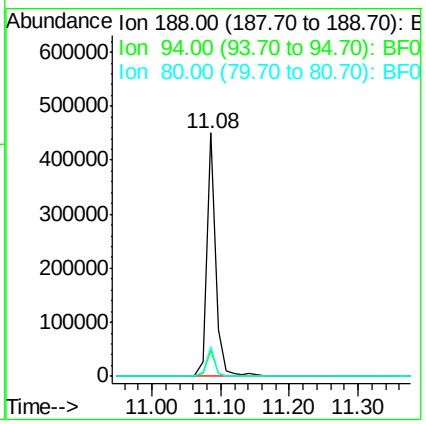


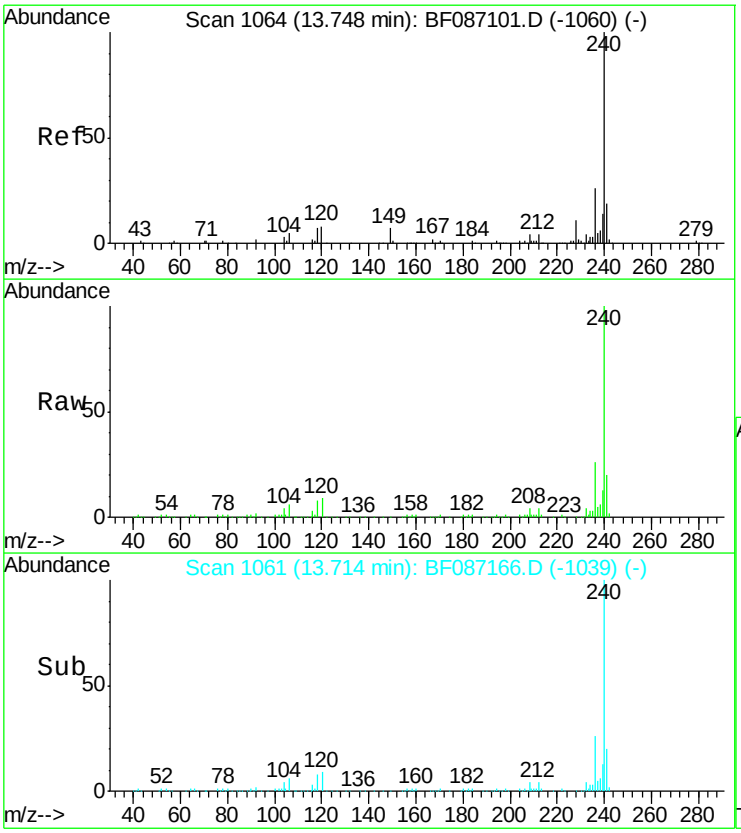
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:188 Resp: 407087

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.8	10.2#
80	12.0	7.1	10.7#

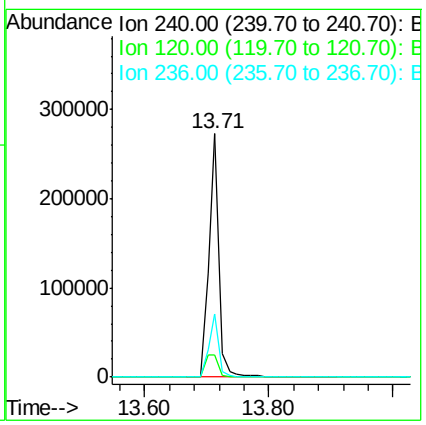


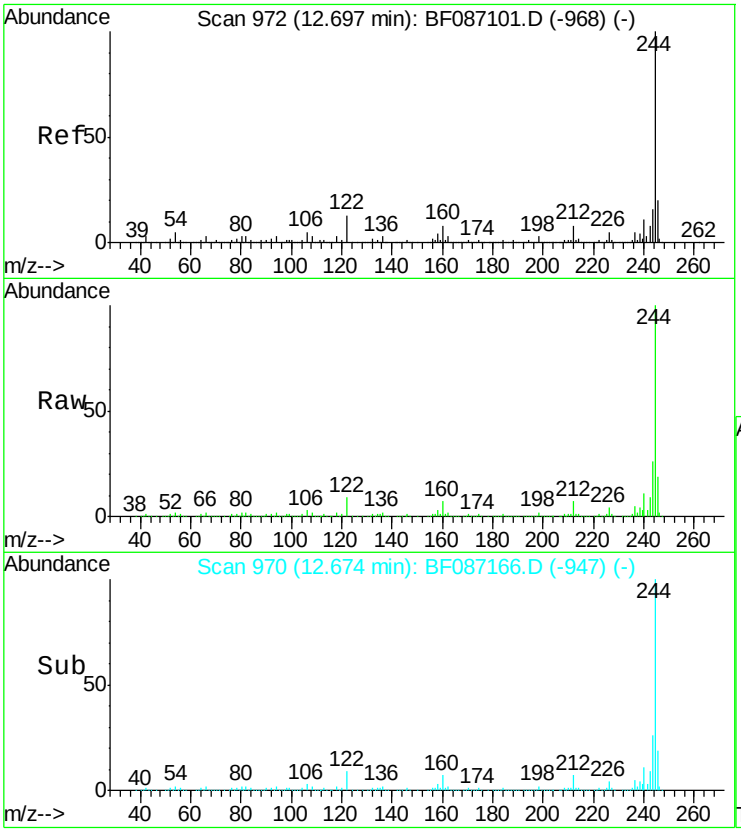


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:240 Resp: 298760

Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.2	16.8#
236	26.1	21.2	31.8



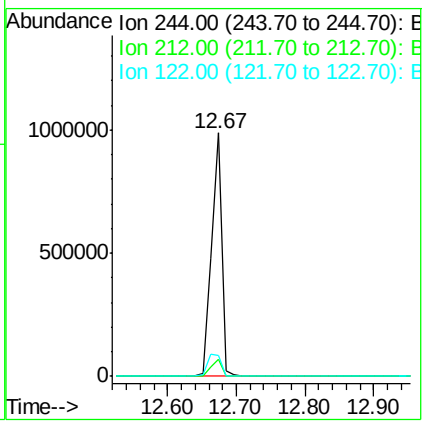


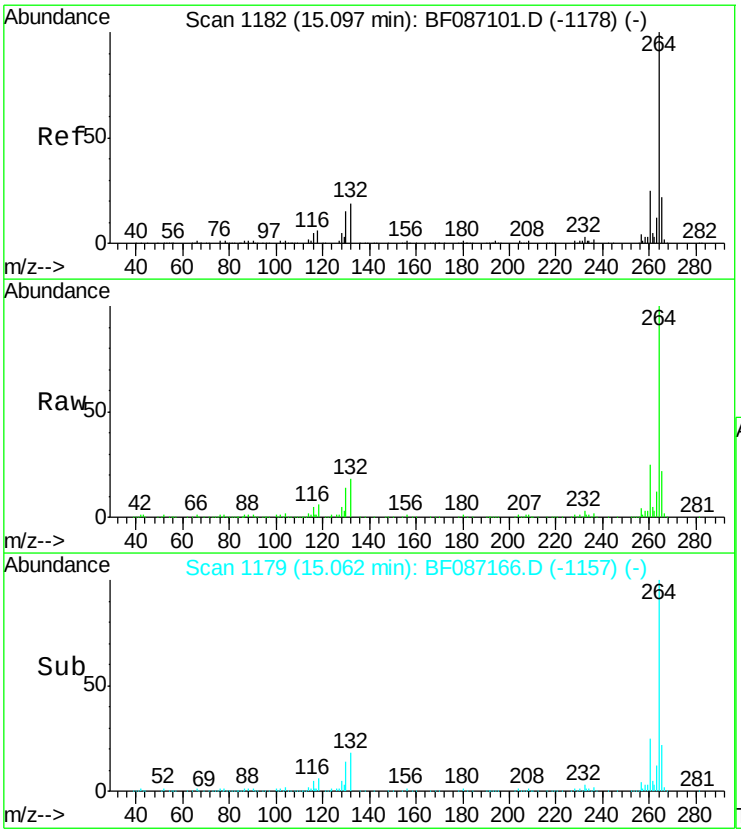
#78
Terphenyl-d14
Concen: 79.33 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:244 Resp: 1047701

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.7	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: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:264 Resp: 296478

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.3	25.9