Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
Data File : BF088081.D
Acq On : 16 Jun 2016 17:52
Operator : UM/SJ
Sample : H3570-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16-COMP

Quant Time: Jun 16 18:23:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117867	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	440946	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	199241	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	392853	20.00	ng		0.00
75) Chrysene-d12	13.86	240	267991	20.00	ng		0.00
86) Perylene-d12	15.25	264	237419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	471450	68.38	ng		0.00
7) Phenol-d6	6.36	99	668937	80.06	ng		0.00
23) Nitrobenzene-d5	7.28	82	369192	48.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	131331	62.43	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	688793	52.17	ng		0.00
78) Terphenyl-d14	12.81	244	511858	43.46	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.38	94	5761	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.28	70	45811	8.57	ng	#	73
25) Isophorone	7.28	82	358527	25.63	ng	#	65
45) 1,1'-Biphenyl	9.08	154	1245	Below Cal		#	1
49) Dimethylphthalate	9.47	163	206352	14.30	ng		99
56) 2,4-Dinitrotoluene	9.75	165	25737	6.06	ng	#	38
57) Fluorene	10.30	166	501	Below Cal		#	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	261	2.26	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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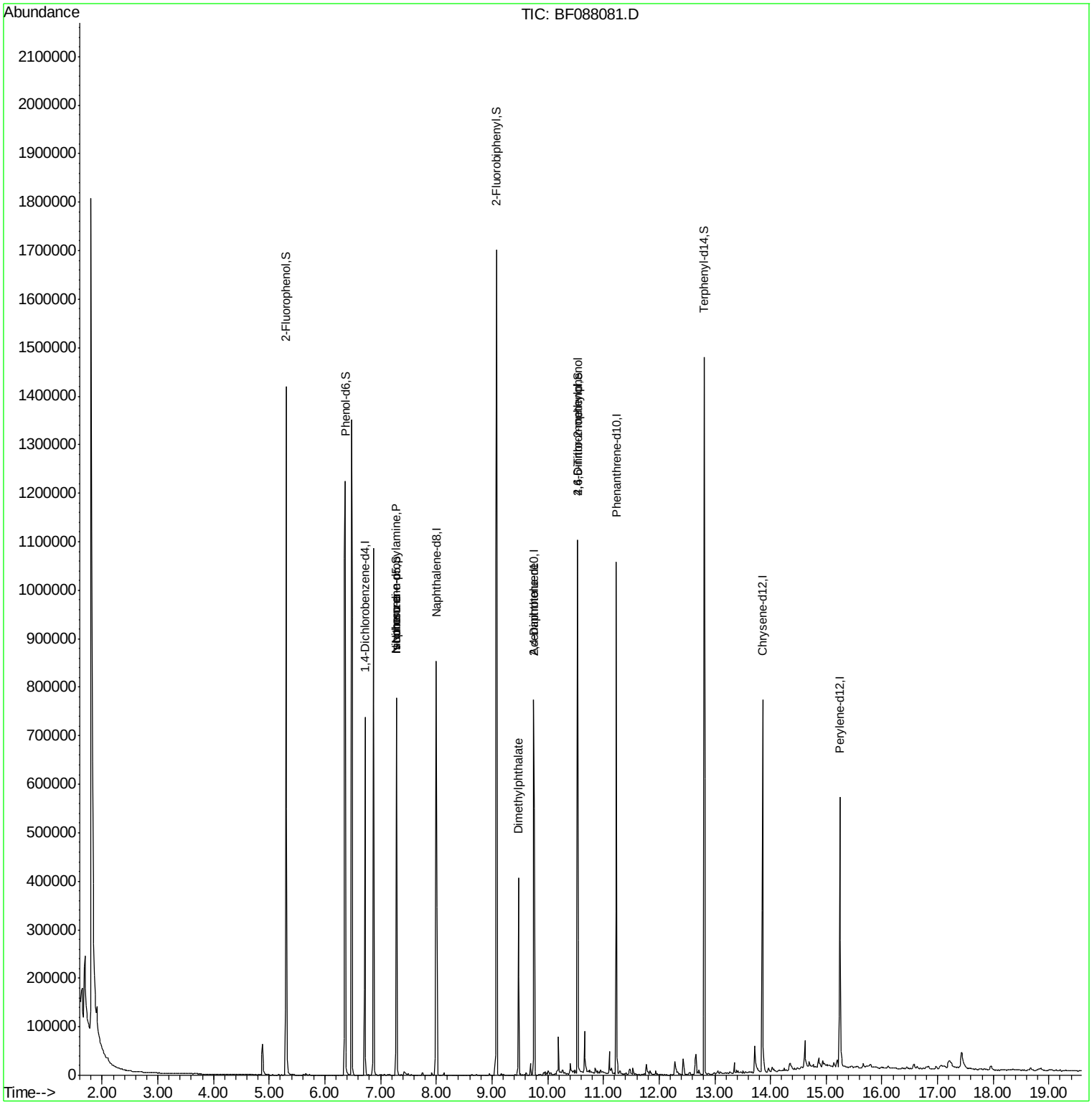
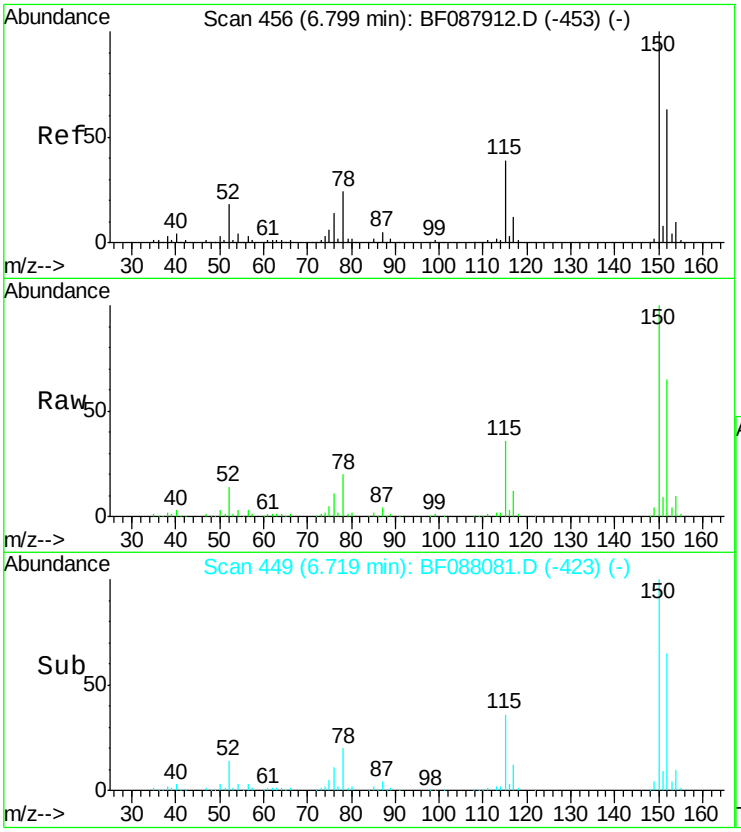


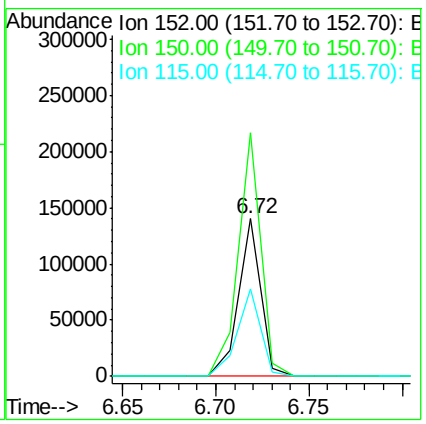


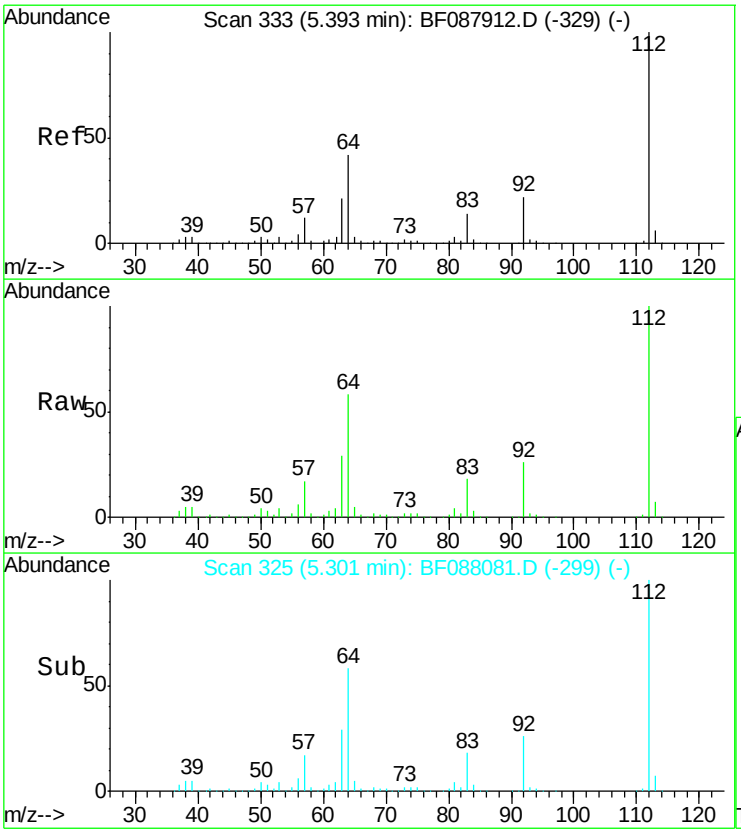
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:152 Resp: 117867

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	55.8	39.6	59.4

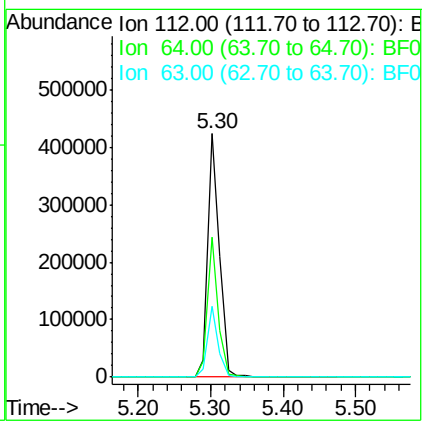


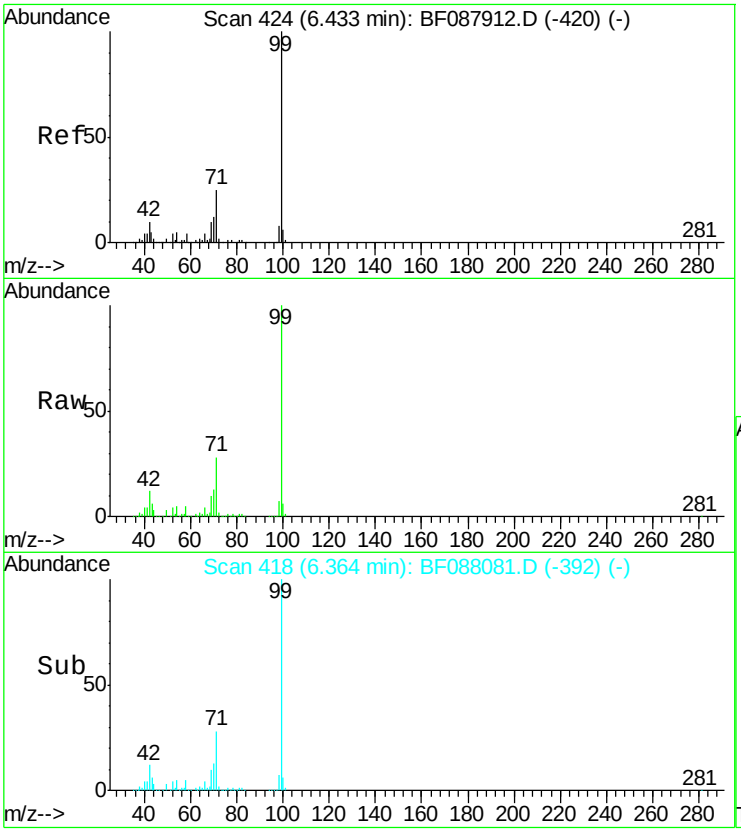


#5
2-Fluorophenol
Concen: 68.38 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:112 Resp: 471450

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	29.1	21.8	32.8



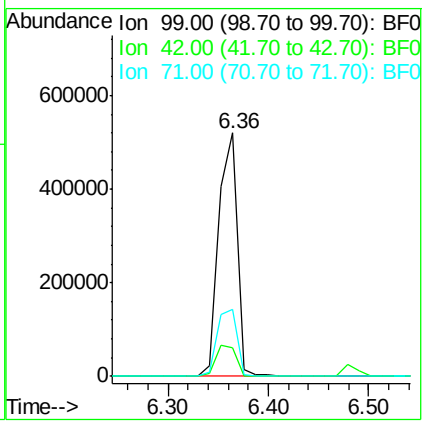


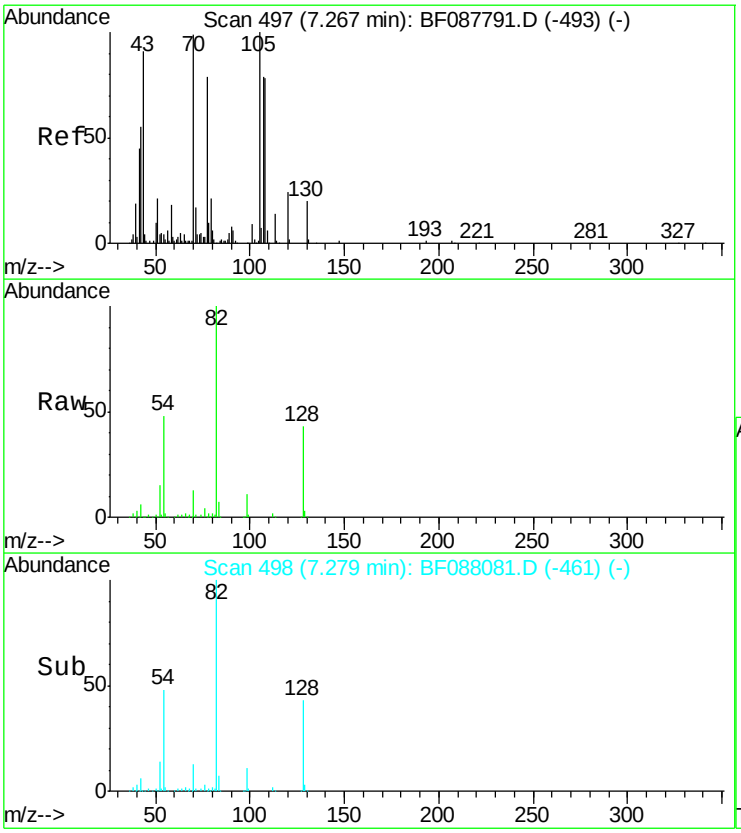
#7
Phenol-d6
Concen: 80.06 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion: 99 Resp: 668937

Ion	Ratio	Lower	Upper
99	100		
42	11.5	12.2	18.2#
71	27.6	23.4	35.0

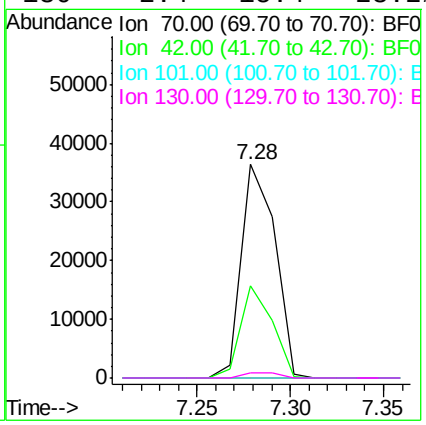


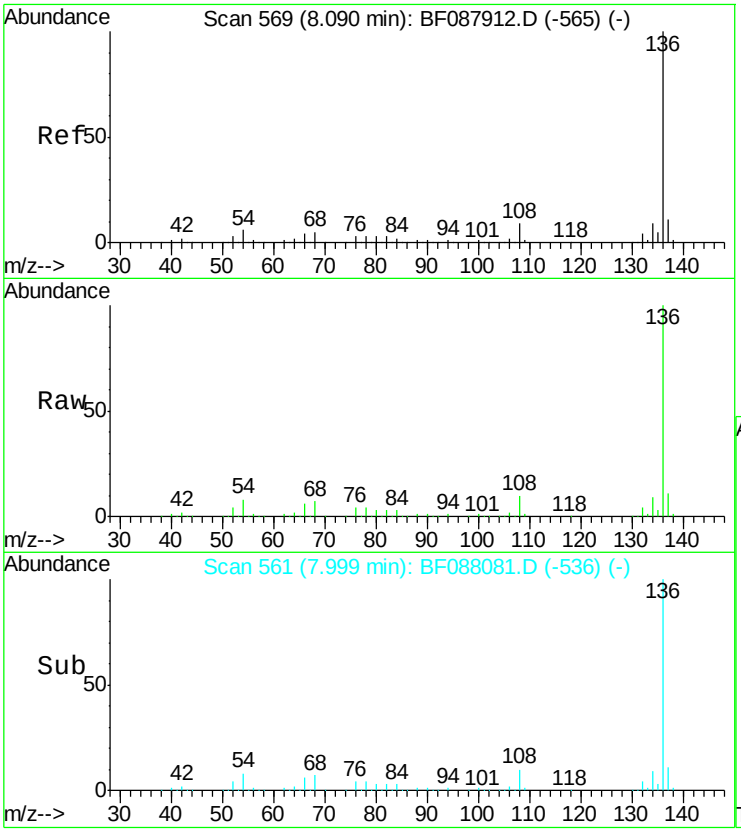


#19
n-Nitroso-di-n-propylamine
Concen: 8.57 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.13 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion: 70 Resp: 45811

Ion	Ratio	Lower	Upper
70	100		
42	43.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



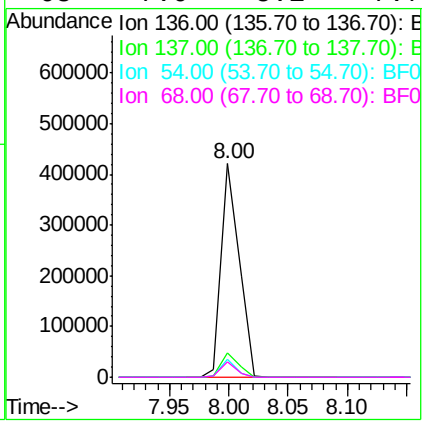


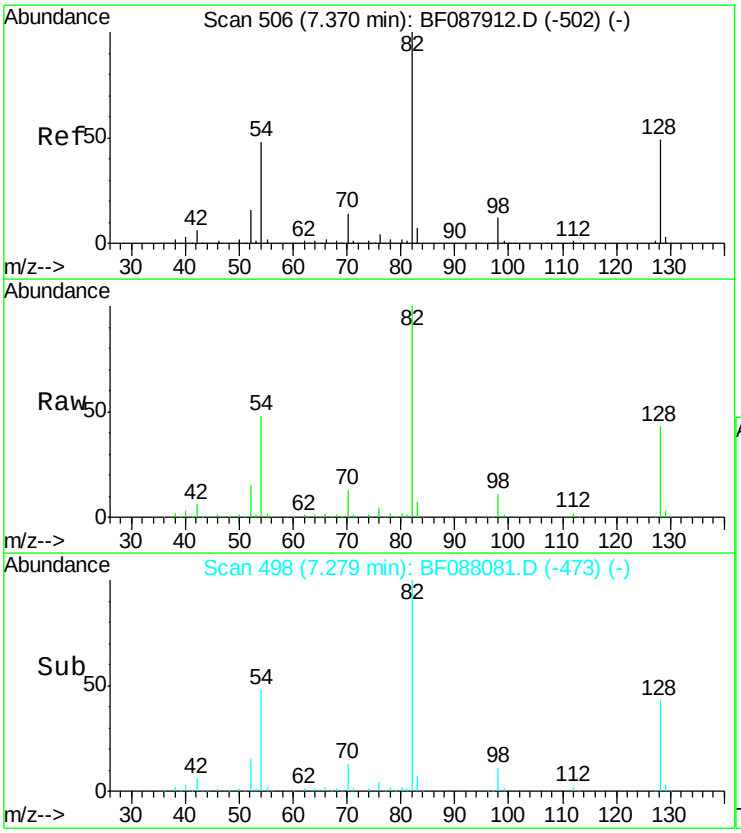
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:136 Resp: 440946

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	6.6	10.0
68	7.0	5.1	7.7

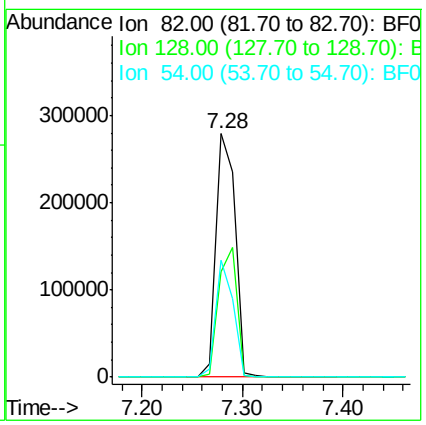


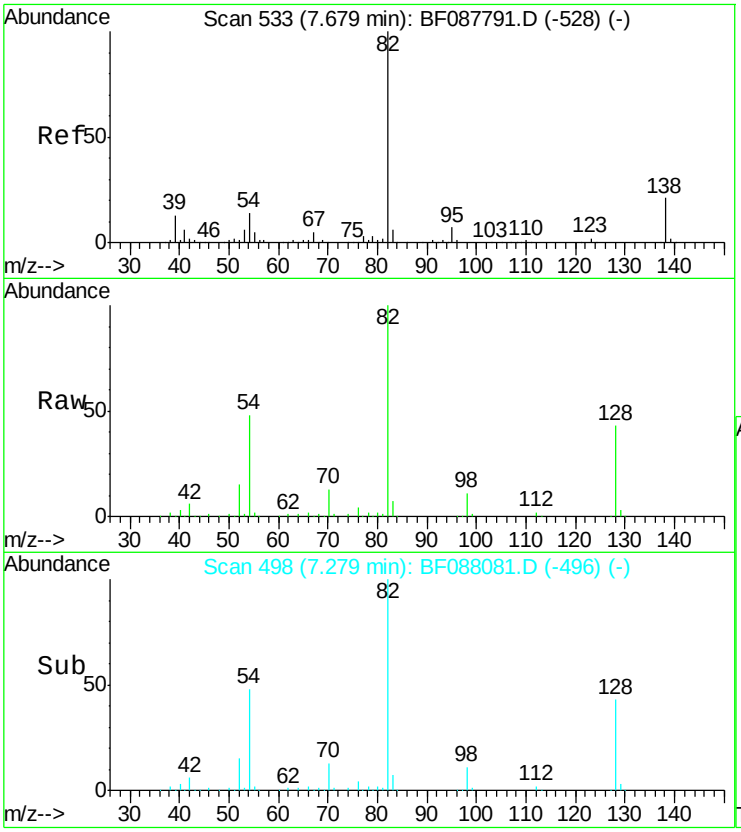


#23
Nitrobenzene-d5
Concen: 48.89 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion: 82 Resp: 369192

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.9	53.9
54	48.0	40.9	61.3



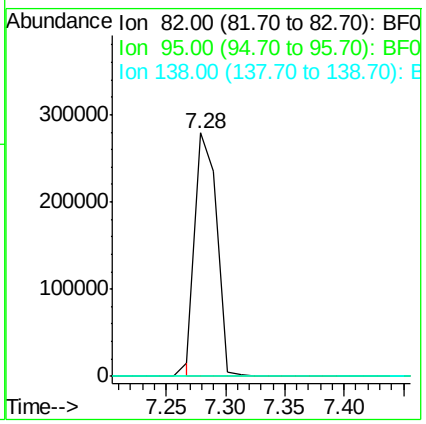


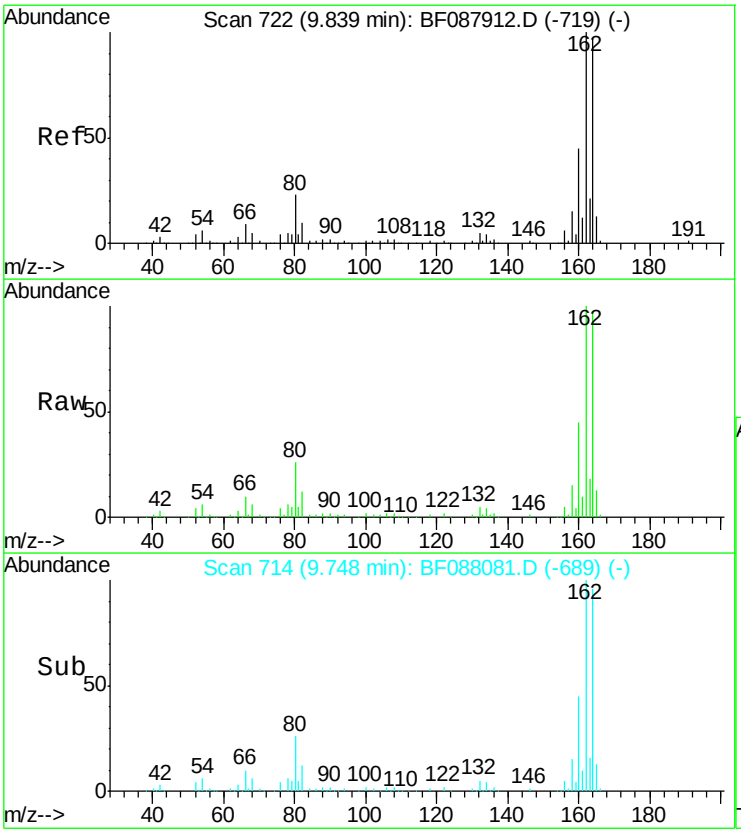
#25
Isophorone
Concen: 25.63 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.27 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion: 82 Resp: 358527

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

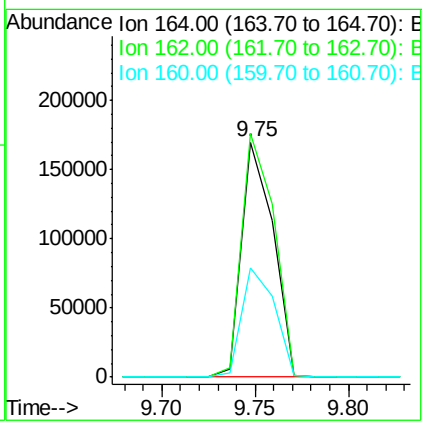


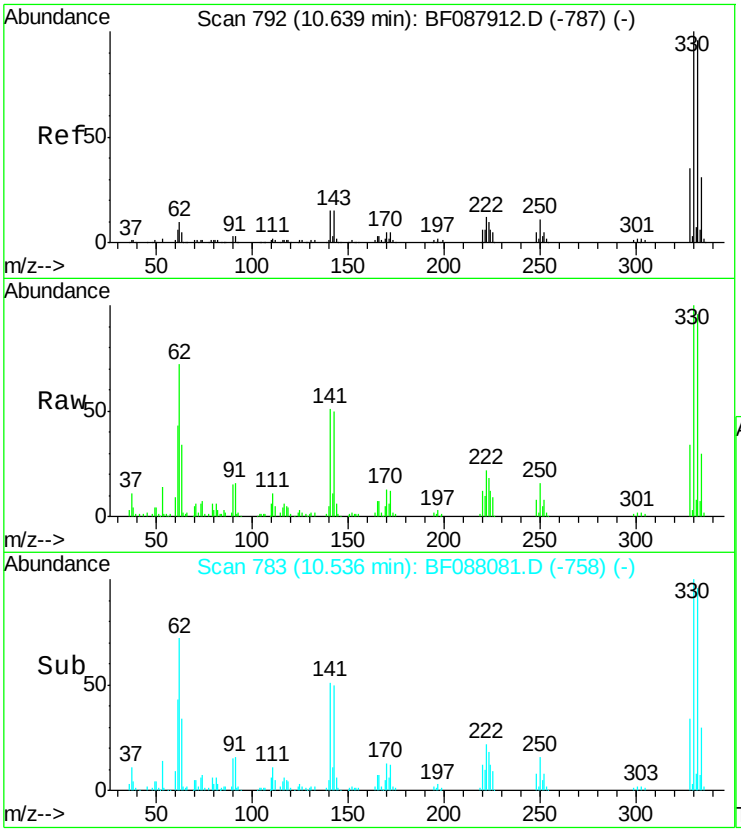


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:164 Resp: 199241

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	46.3	39.5	59.3



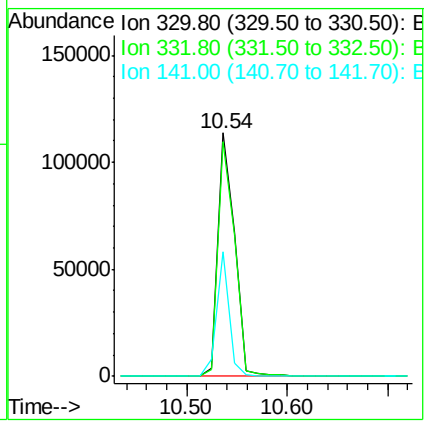


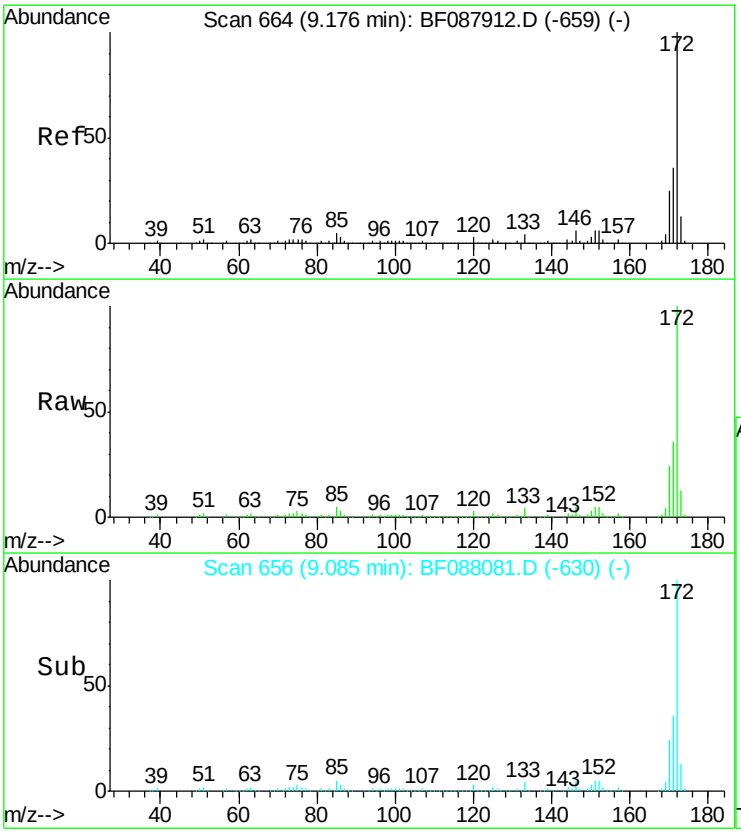
#41
2,4,6-Tribromophenol
Concen: 62.43 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:330 Resp: 131331

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.7	0.0	0.0#

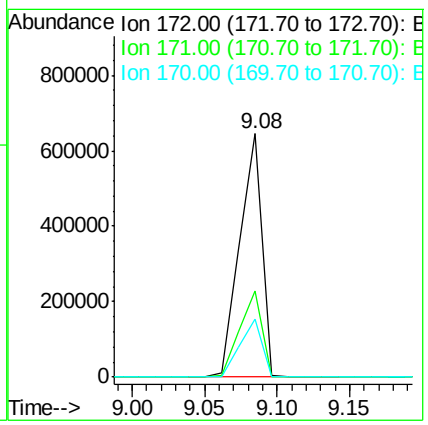


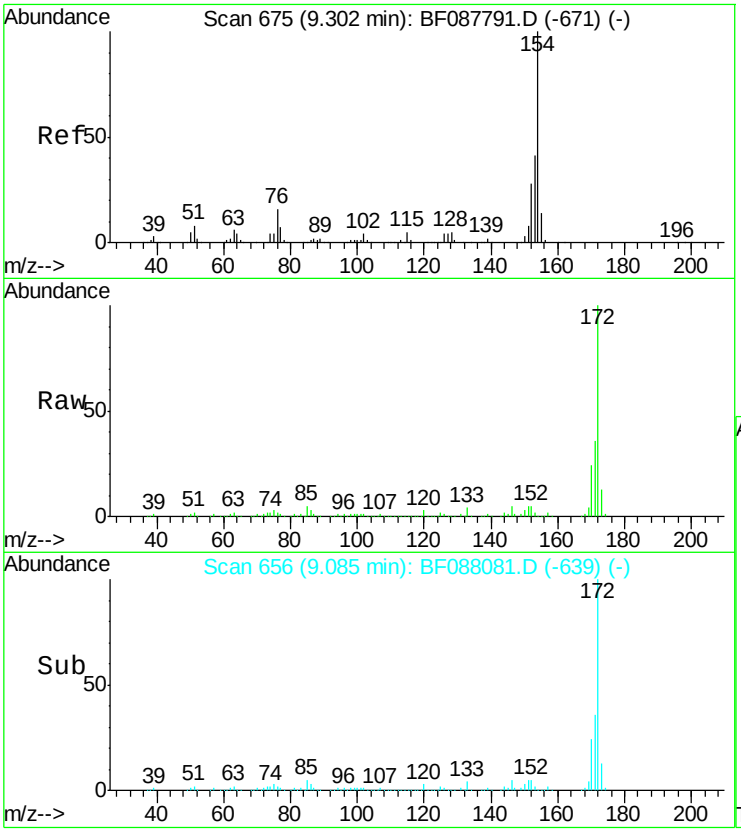


#44
2-Fluorobiphenyl
Concen: 52.17 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:172 Resp: 688793

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.2	28.8



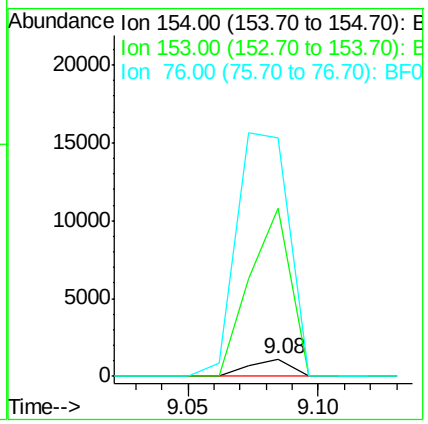


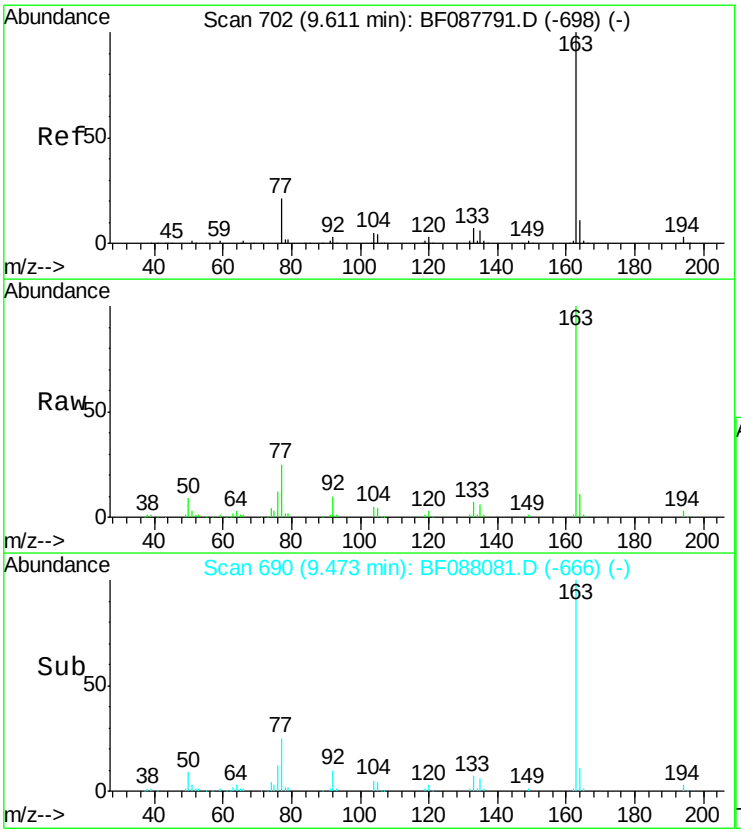
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.08 min Scan# 656
Delta R.T. -0.10 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:154 Resp: 1245

Ion	Ratio	Lower	Upper
154	100		
153	951.7	20.6	60.6#
76	1346.0	0.0	35.1#

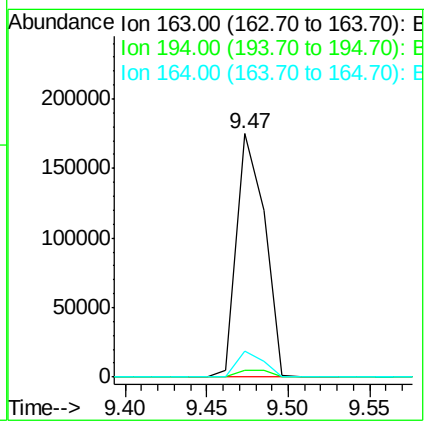


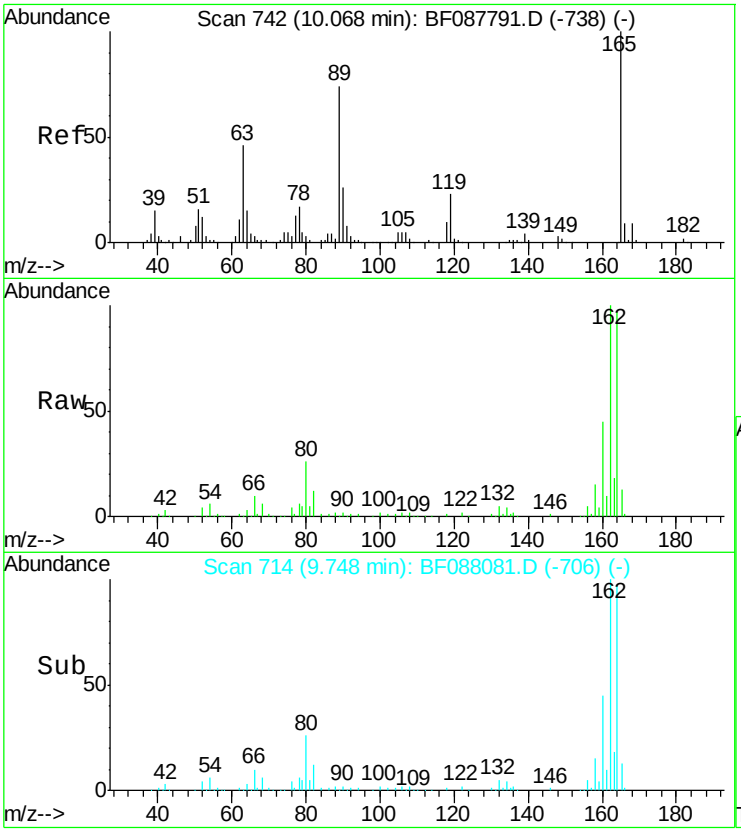


#49
Dimethylphthalate
Concen: 14.30 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:163 Resp: 206352

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.6	8.3	12.5



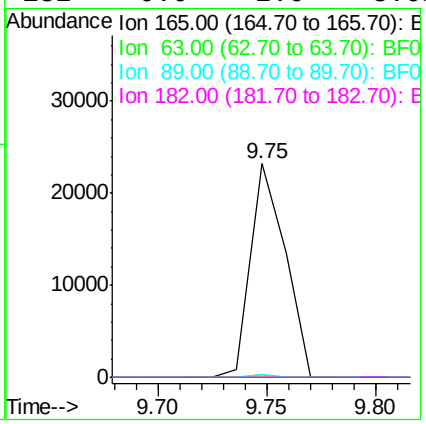


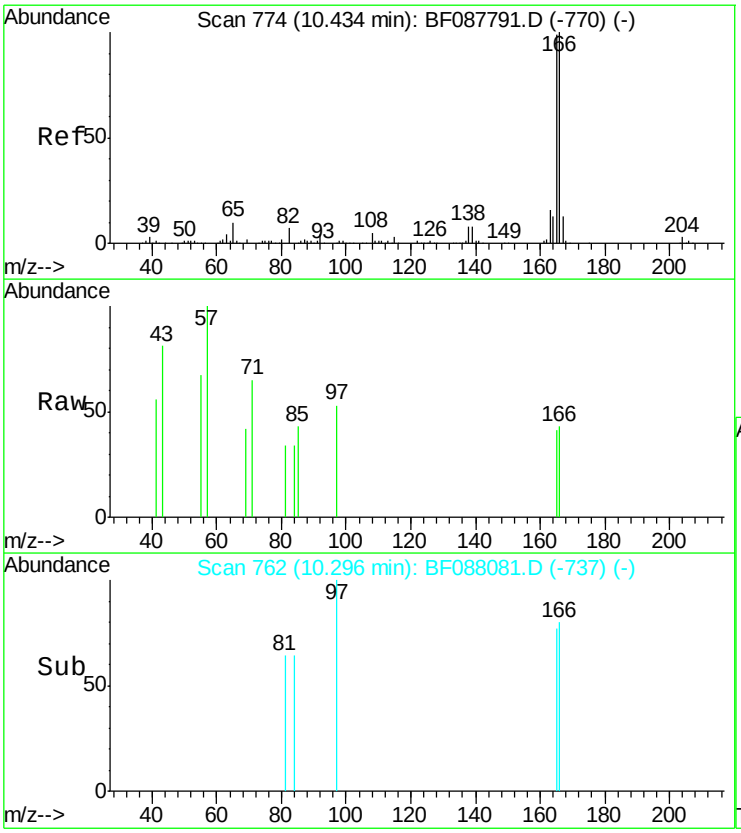
#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:165 Resp: 25737

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

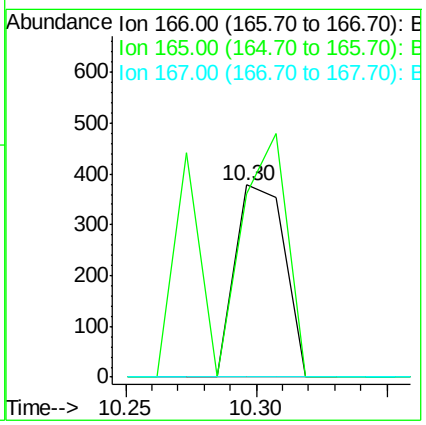


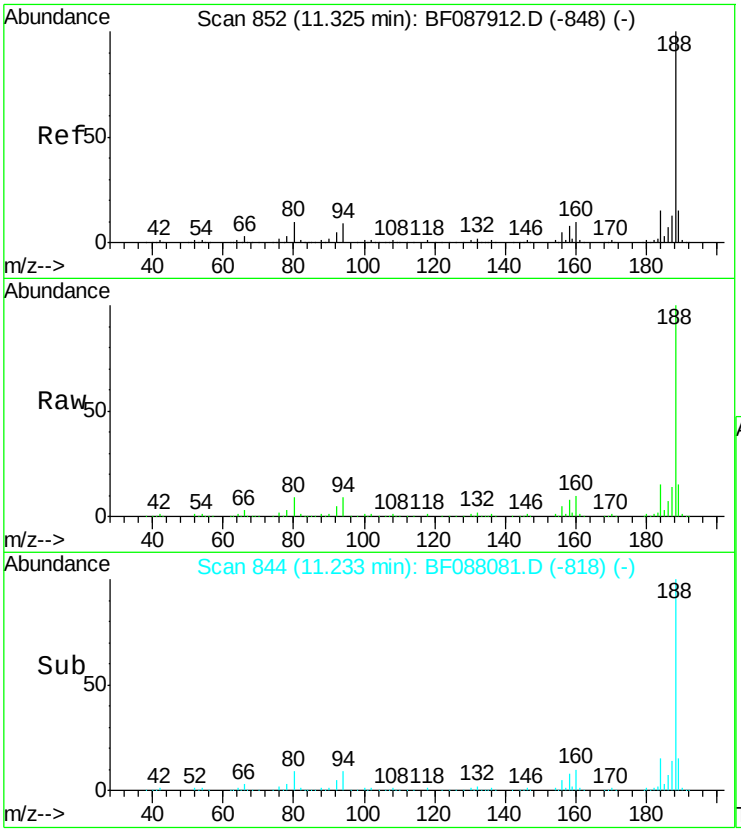


#57
Fluorene
Concen: Below Cal
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:166 Resp: 501

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.8	116.8
167	0.0	11.2	16.8#



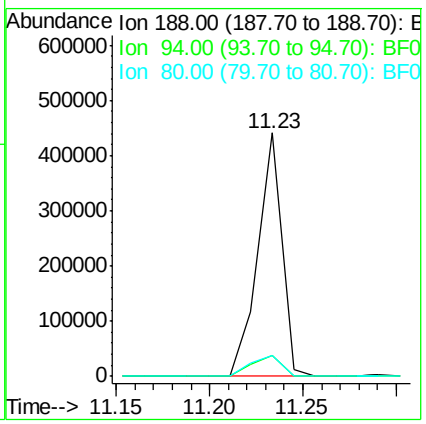


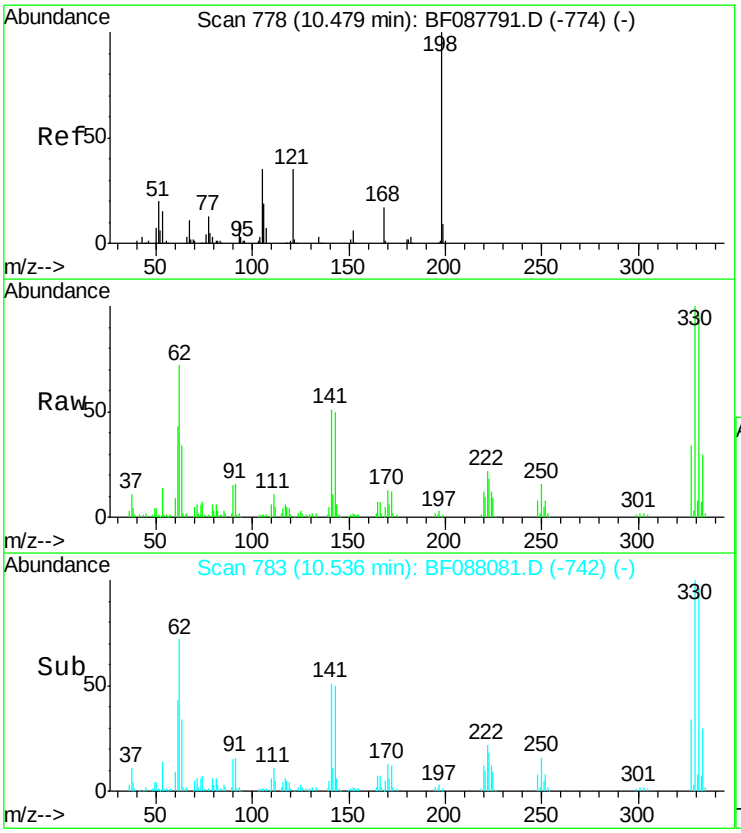
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:188 Resp: 392853

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	8.7	10.0	15.0#

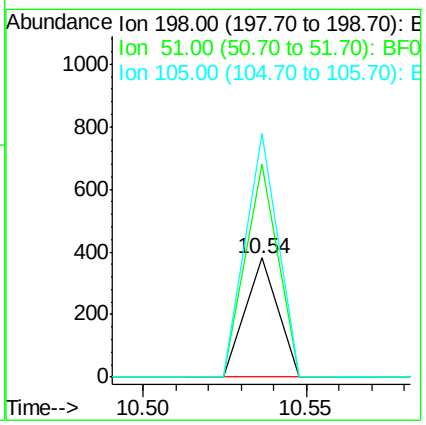


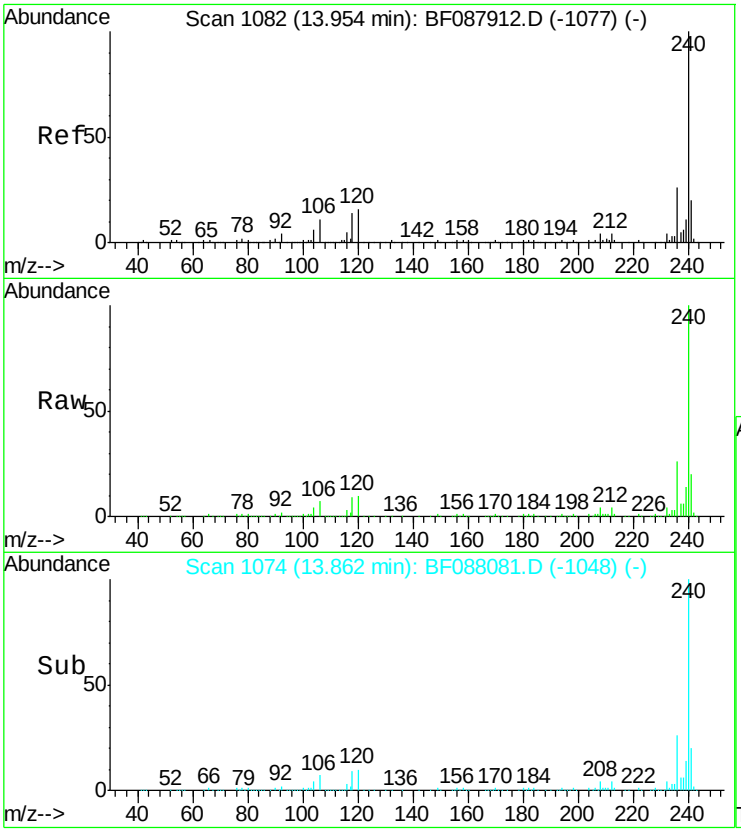


#64
4,6-Dinitro-2-methylphenol
Concen: 2.26 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.17 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:198 Resp: 261

Ion	Ratio	Lower	Upper
198	100		
51	178.5	39.6	79.6#
105	204.2	36.6	76.6#



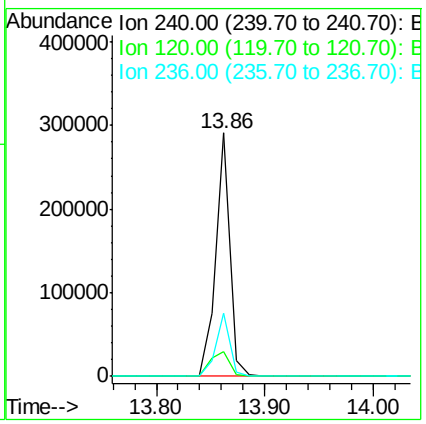


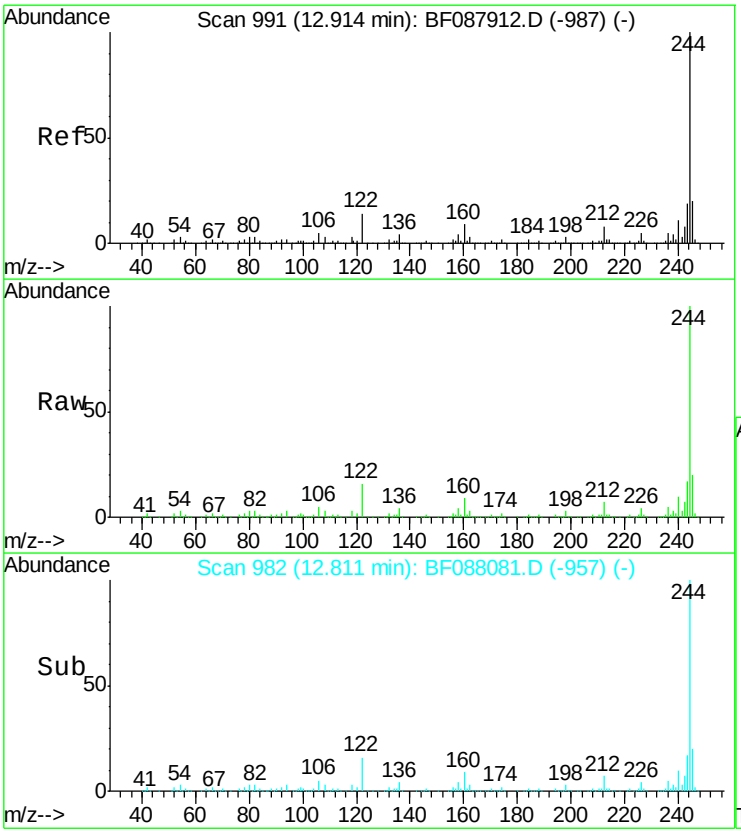
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:240 Resp: 267991

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	26.0	20.2	30.2

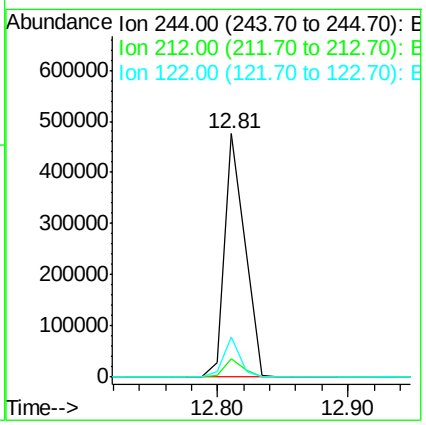


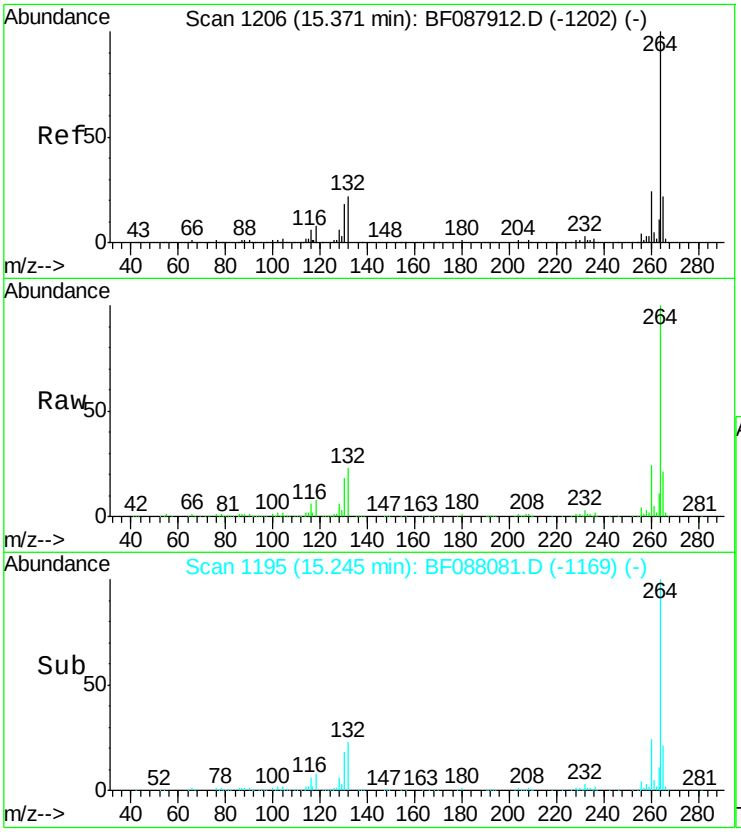


#78
Terphenyl-d14
Concen: 43.46 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion:244 Resp: 511858

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	16.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:264 Resp: 237419

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3