Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF122215\
Data File : BF084021.D
Acq On : 23 Dec 2015 6:36
Operator : UM/SJ
Sample : G4920-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-008

Quant Time: Dec 23 07:09:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44122	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	299000	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	137947	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	160113	20.00	ng		0.00
75) Chrysene-d12	13.99	240	145970	20.00	ng		-0.01
86) Perylene-d12	15.43	264	109181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	352378	136.17	ng		0.01
7) Phenol-d6	6.48	99	430260	141.41	ng		0.00
23) Nitrobenzene-d5	7.39	82	467525	96.06	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	133044	100.27	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	803153	78.36	ng		0.00
78) Terphenyl-d14	12.93	244	450296	73.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	9328	4.59	ng		86
15) Benzyl Alcohol	6.98	79	8466	3.53	ng	#	45
19) n-Nitroso-di-n-propylamine	7.39	70	62224	33.75	ng	#	77
25) Isophorone	7.39	82	405253	43.94	ng	#	66
49) Dimethylphthalate	9.58	163	210738	19.52	ng	#	91
56) 2,4-Dinitrotoluene	9.87	165	17011	5.94	ng	#	20
66) 4-Bromophenyl-phenylether	10.66	248	9801	5.34	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF122215\
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Acq On : 23 Dec 2015 6:36
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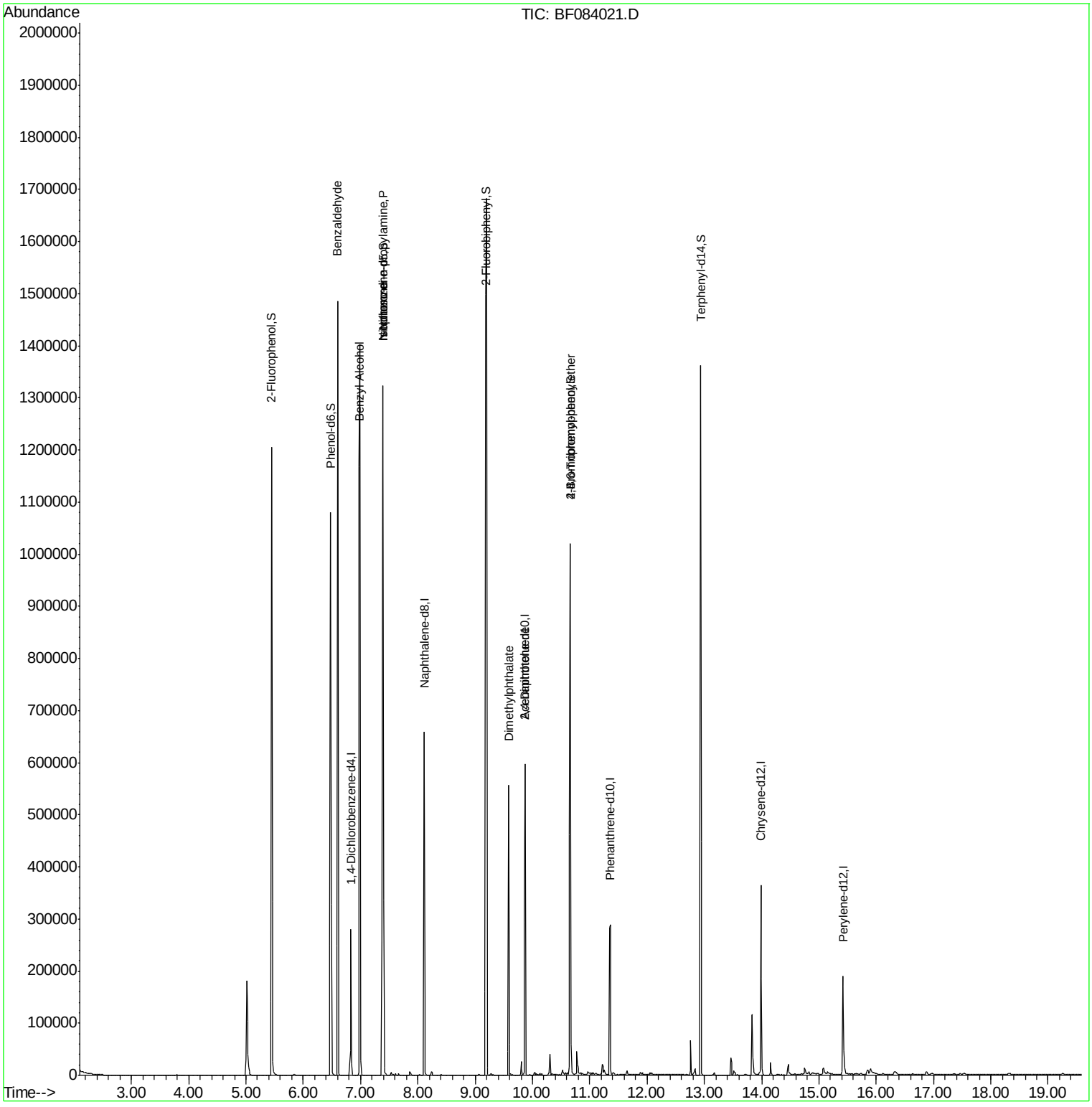
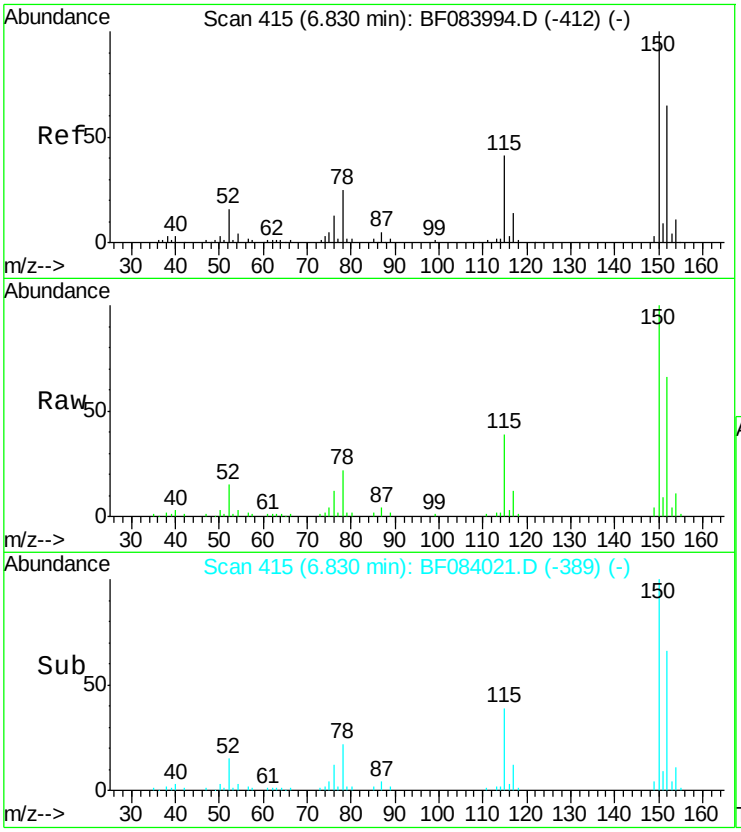


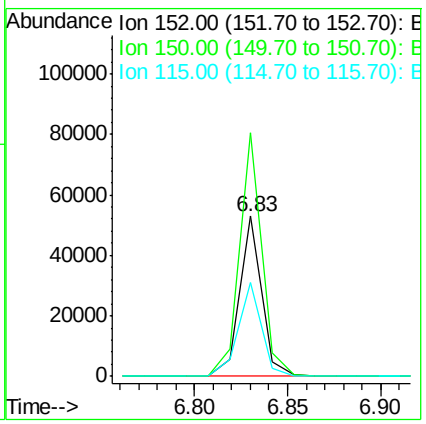


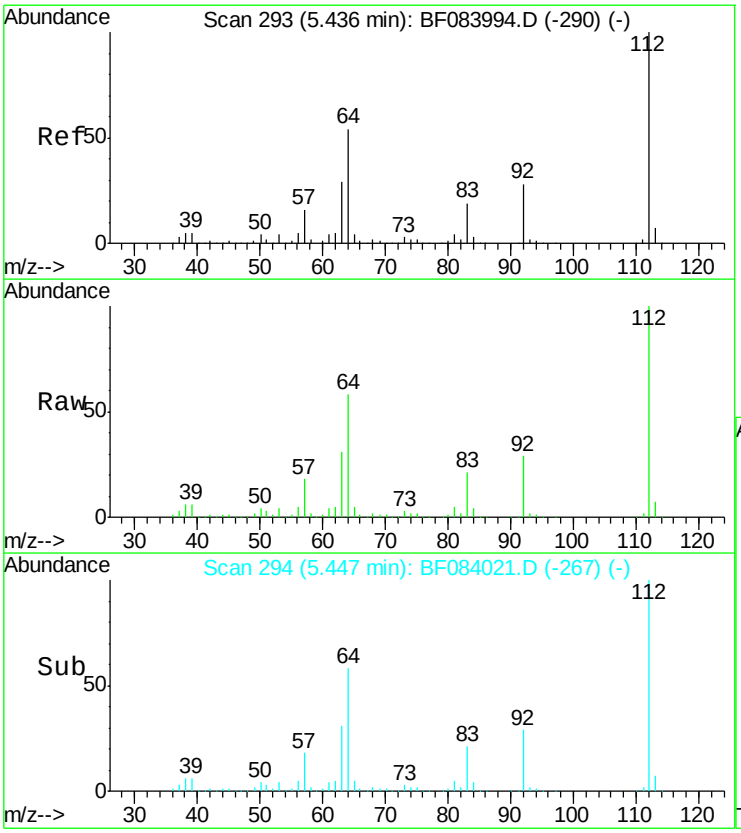
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:152 Resp: 44122

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.4
115	58.7	51.4	77.2

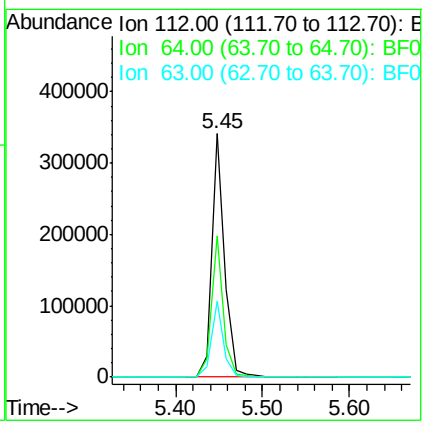


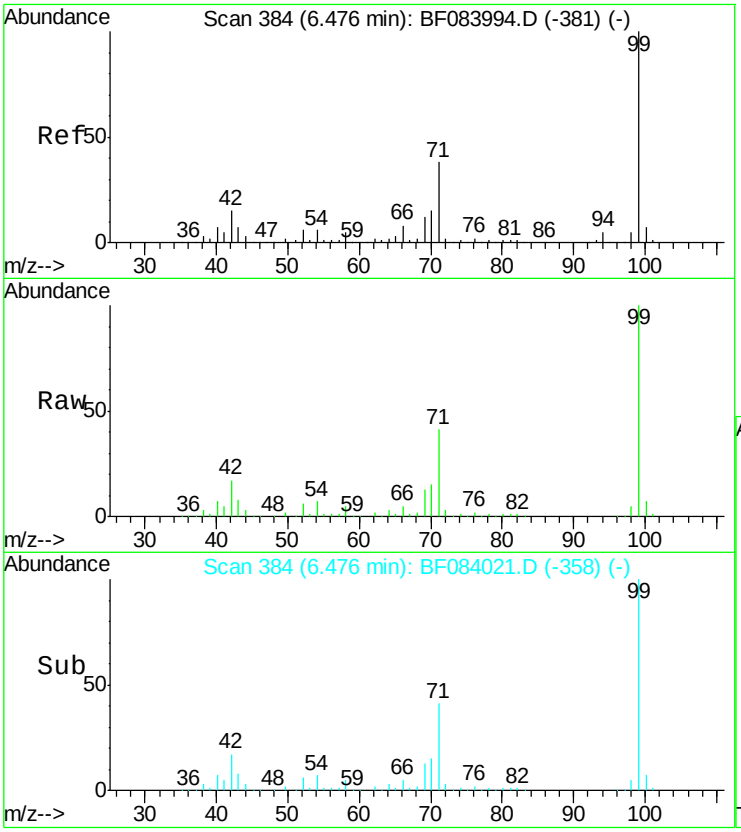


#5
2-Fluorophenol
Concen: 136.17 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:112 Resp: 352378

Ion	Ratio	Lower	Upper
112	100		
64	57.8	36.6	55.0#
63	31.4	19.4	29.0#



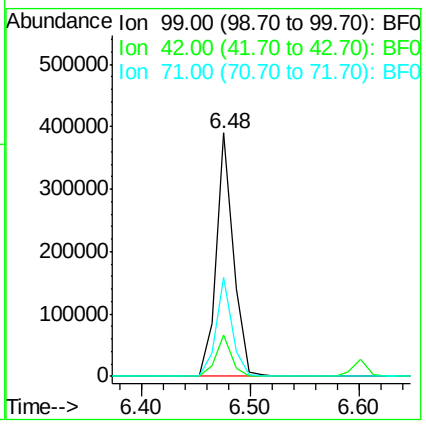


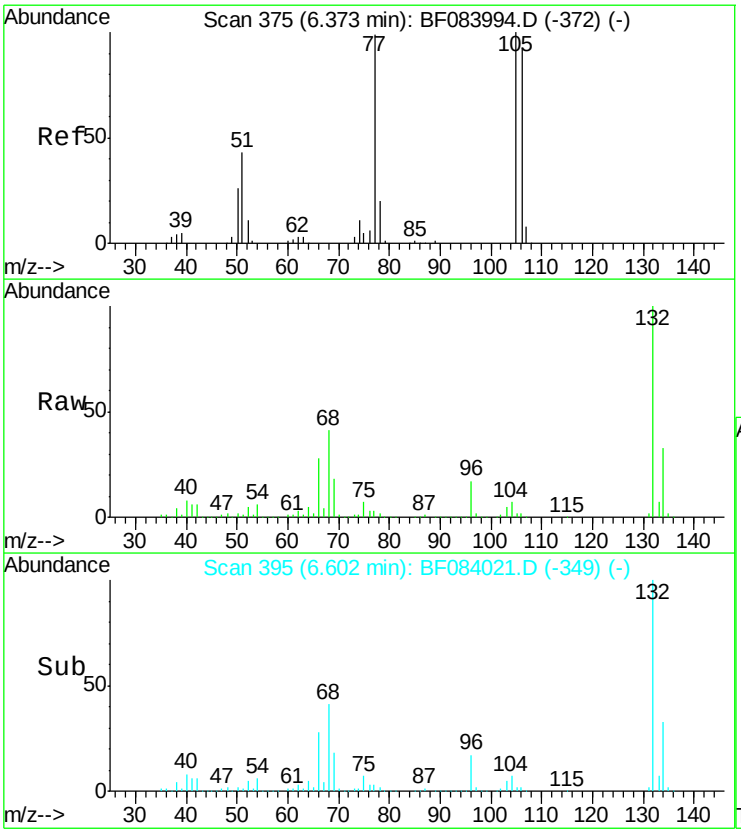
#7
Phenol-d6
Concen: 141.41 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion: 99 Resp: 430260

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	40.7	30.9	46.3

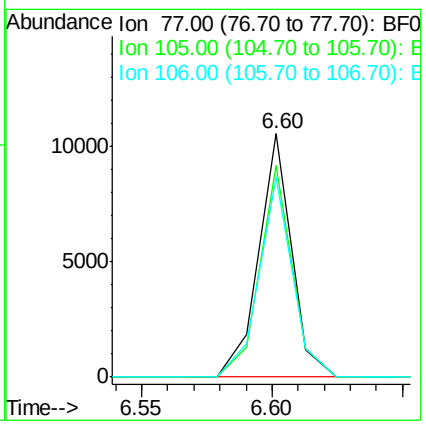


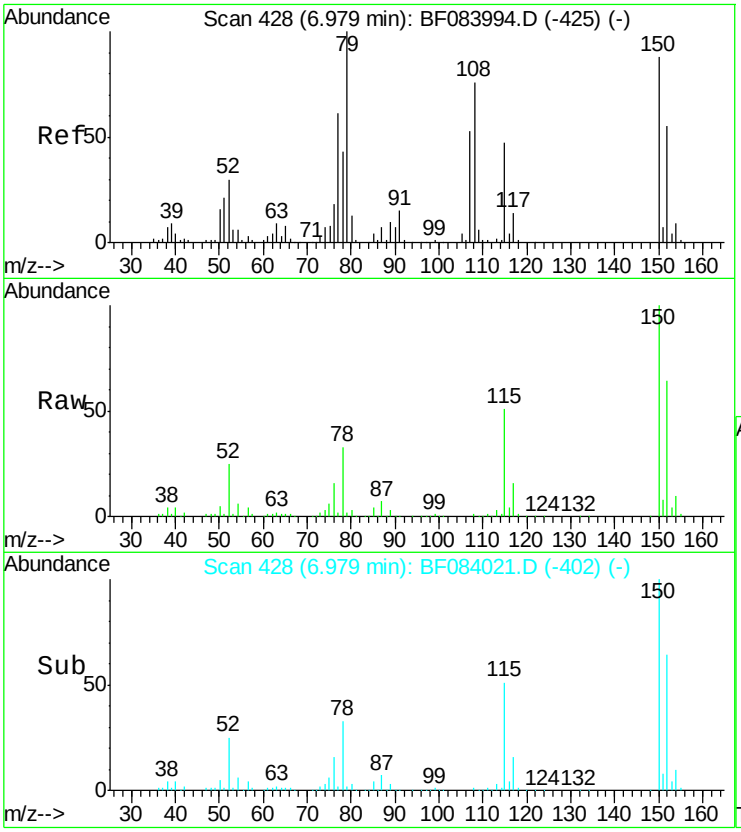


#9
Benzaldehyde
Concen: 4.59 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion: 77 Resp: 9328

Ion	Ratio	Lower	Upper
77	100		
105	87.0	83.0	123.0
106	82.2	74.6	114.6



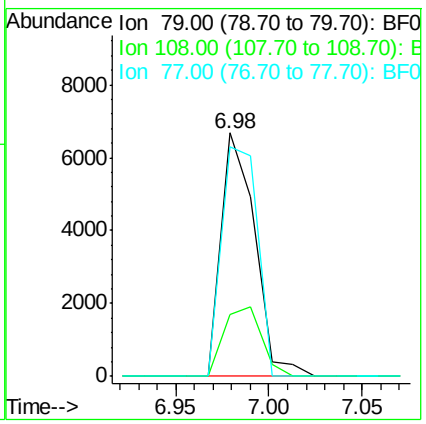


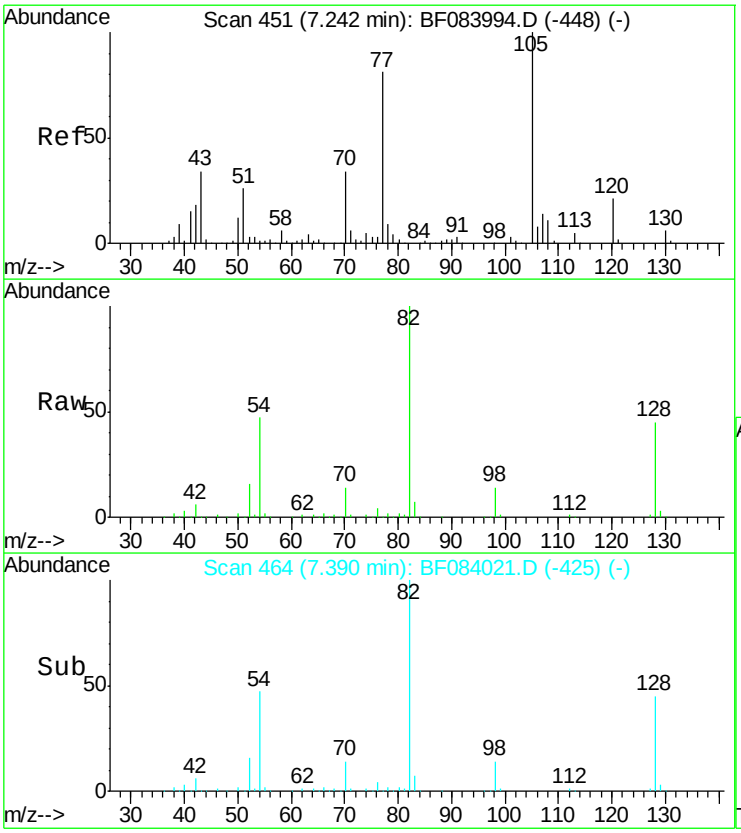
#15
Benzyl Alcohol
Concen: 3.53 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion: 79 Resp: 8466

Ion	Ratio	Lower	Upper
79	100		
108	25.6	69.0	103.4#
77	94.3	50.0	75.0#

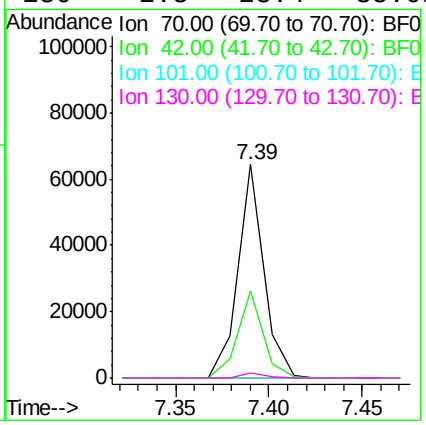


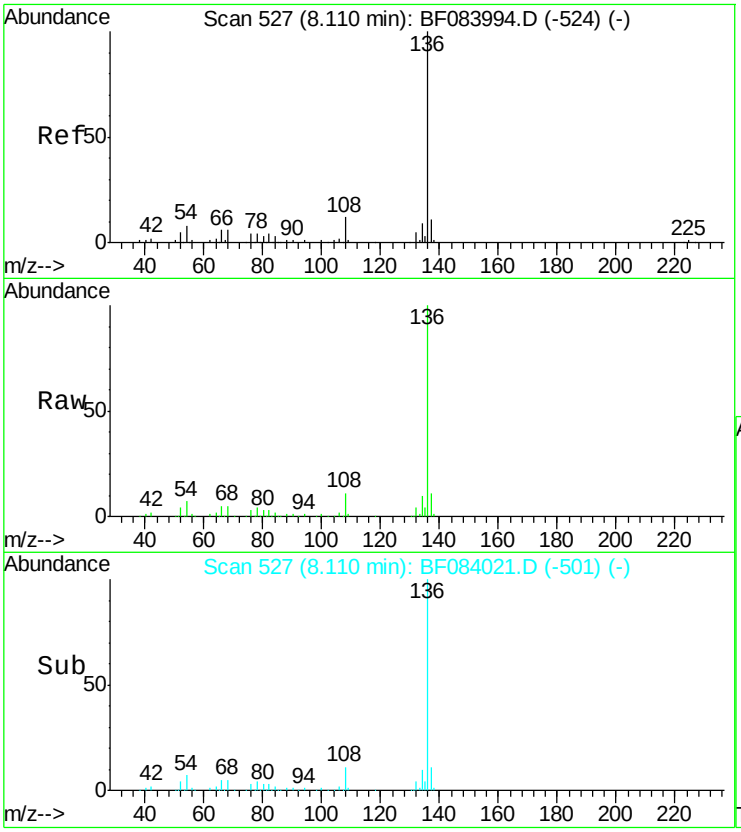


#19
n-Nitroso-di-n-propylamine
Concen: 33.75 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion: 70 Resp: 62224

Ion	Ratio	Lower	Upper
70	100		
42	40.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



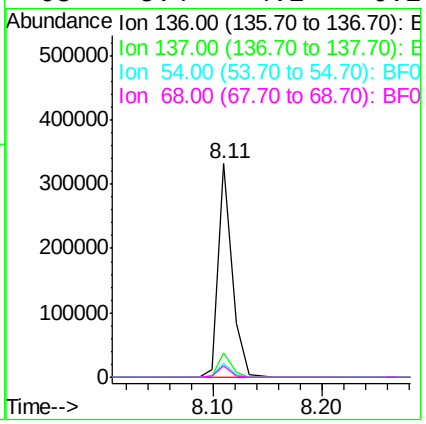


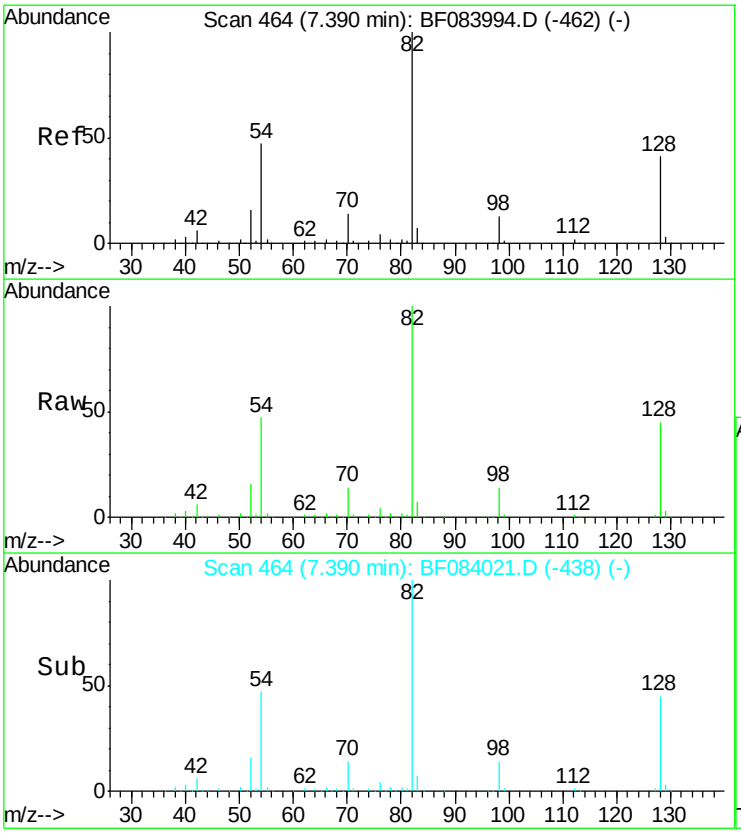
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:136 Resp: 299000

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.8	8.8
68	5.4	4.2	6.2

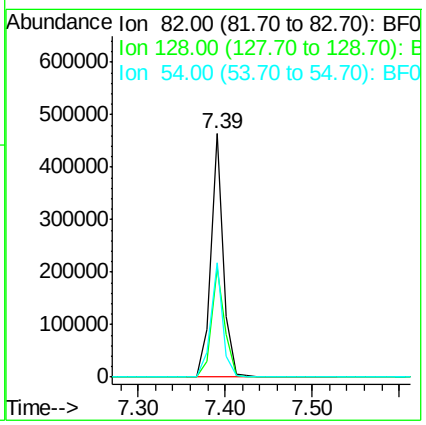


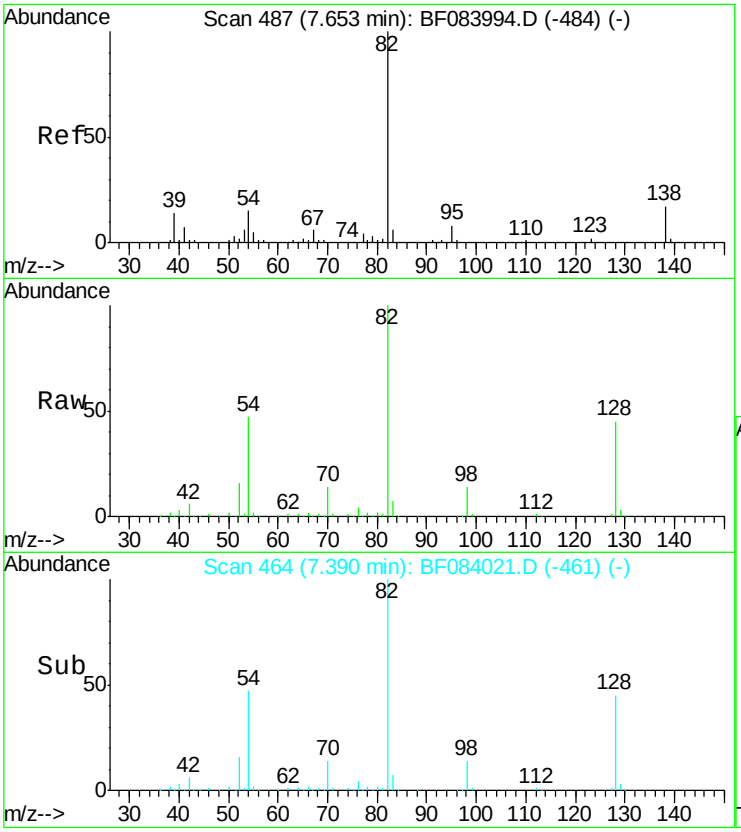


#23
Nitrobenzene-d5
Concen: 96.06 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion: 82 Resp: 467525

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	46.9	38.4	57.6



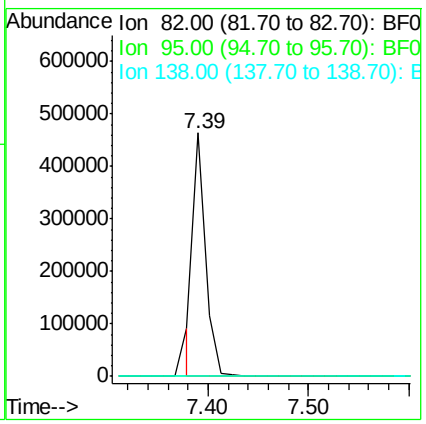


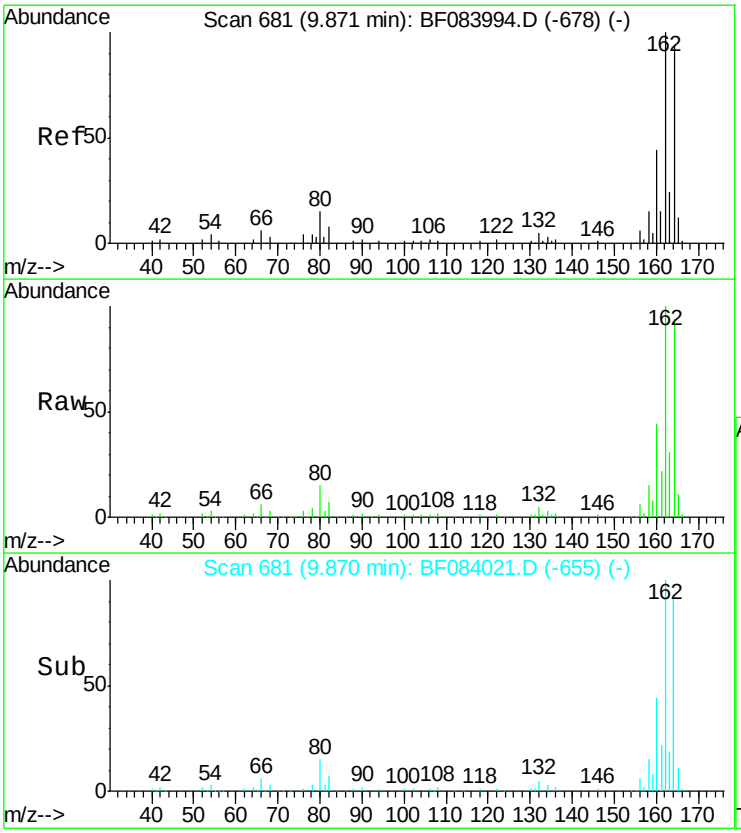
#25
Isophorone
Concen: 43.94 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion: 82 Resp: 405253

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

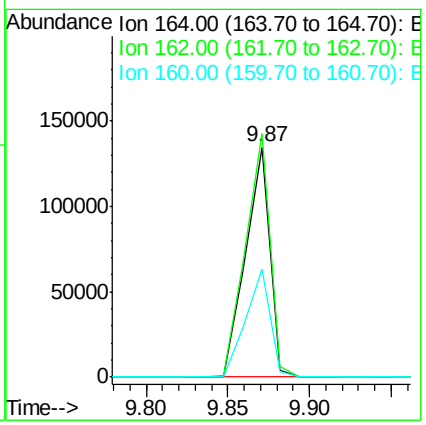


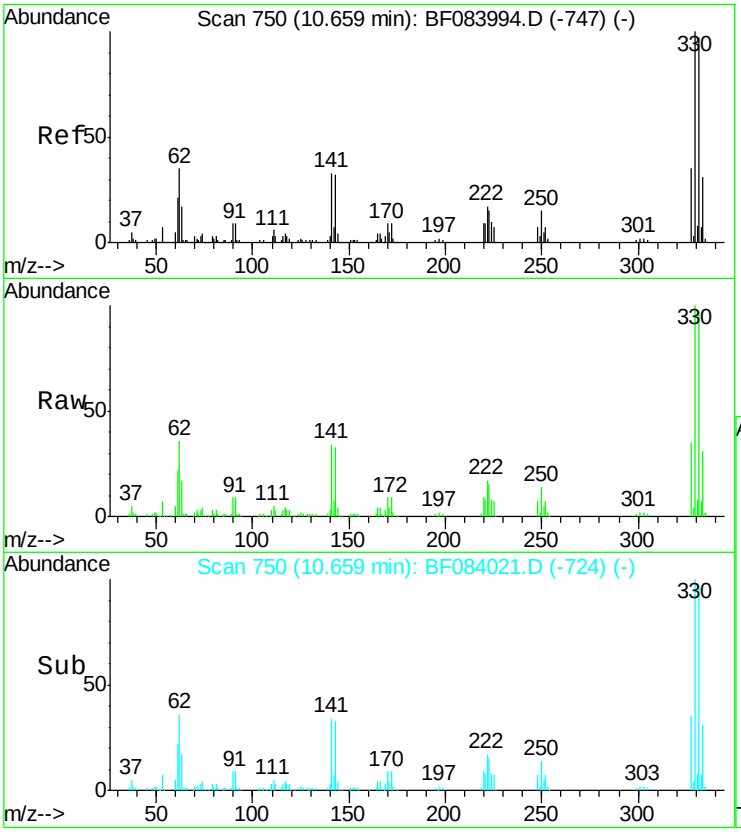


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:164 Resp: 137947

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.1	127.7
160	47.1	37.5	56.3



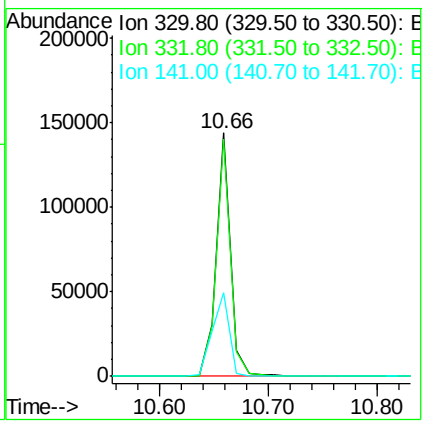


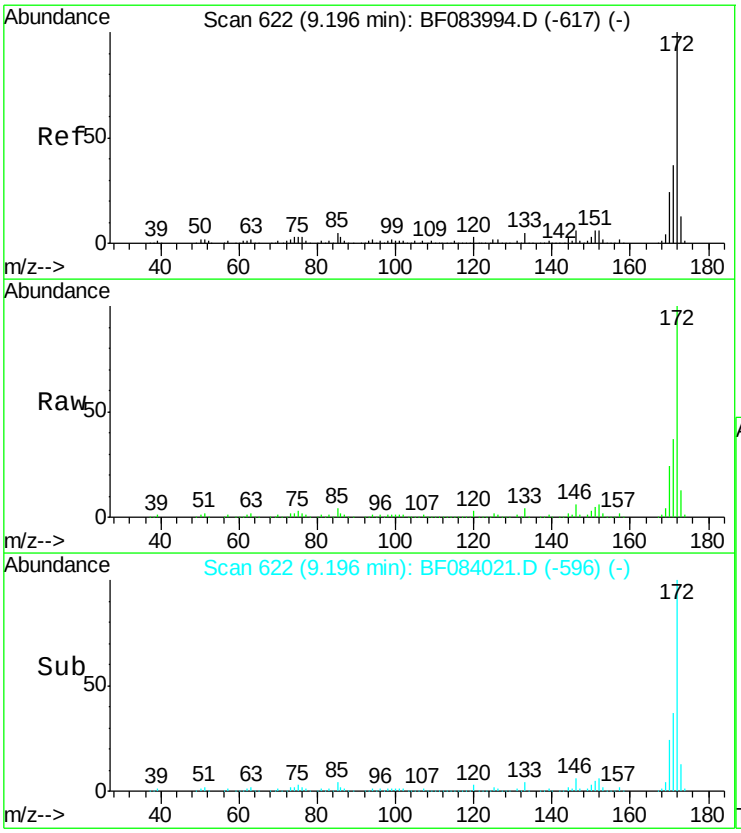
#41
2,4,6-Tribromophenol
Concen: 100.27 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:330 Resp: 133044

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	41.0	27.8	41.6

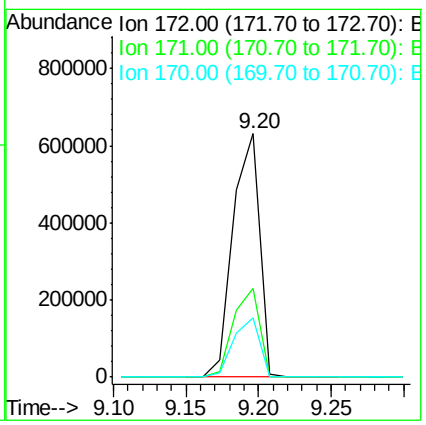


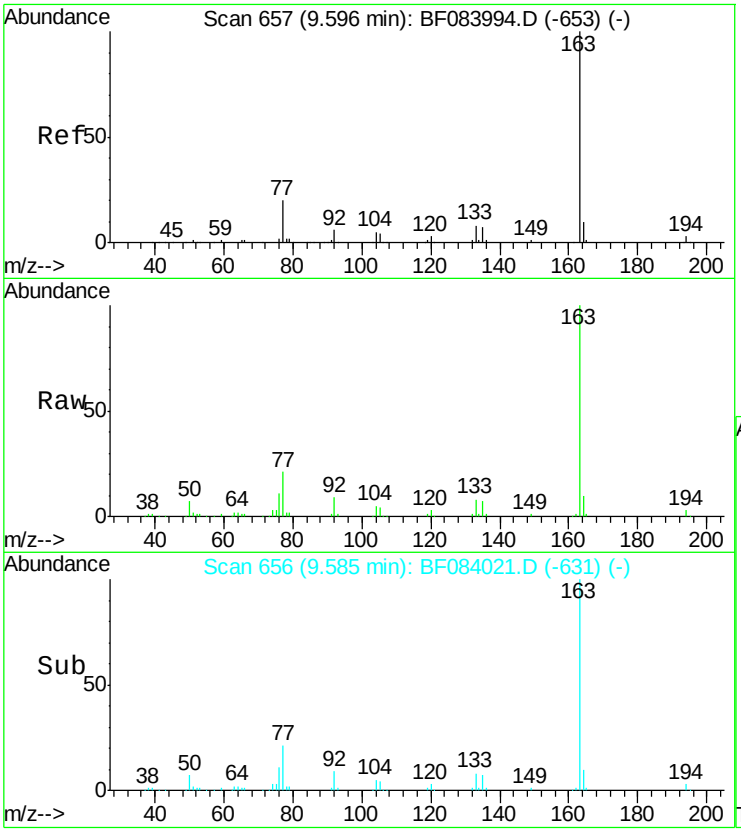


#44
2-Fluorobiphenyl
Concen: 78.36 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:172 Resp: 803153

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.3	18.6	27.8



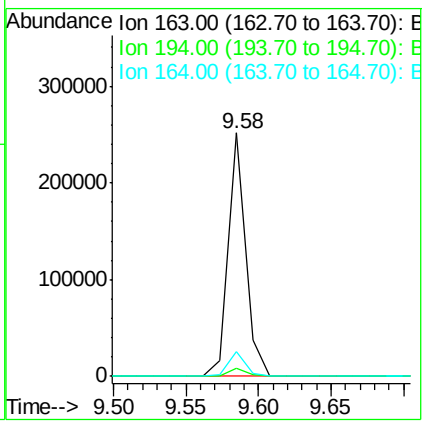


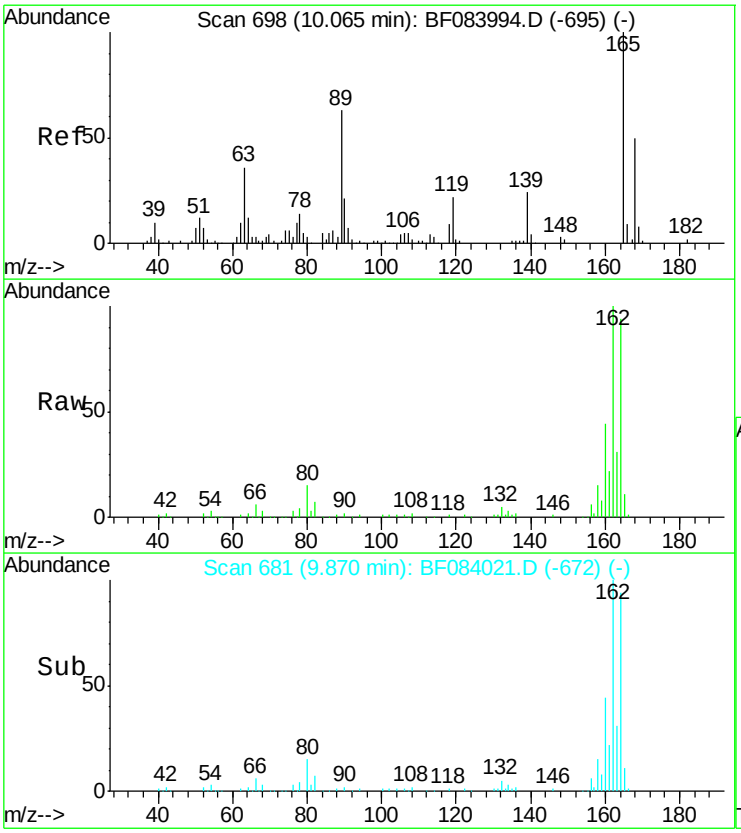
#49
Dimethylphthalate
Concen: 19.52 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:163 Resp: 210738

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.2	8.0	12.0

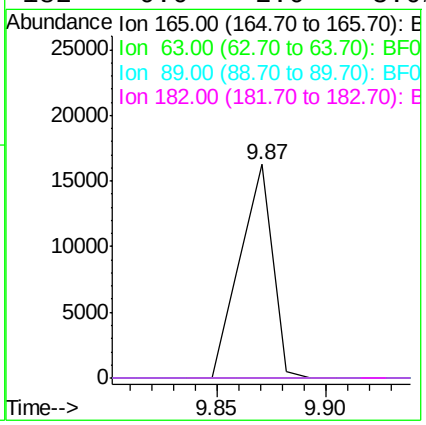


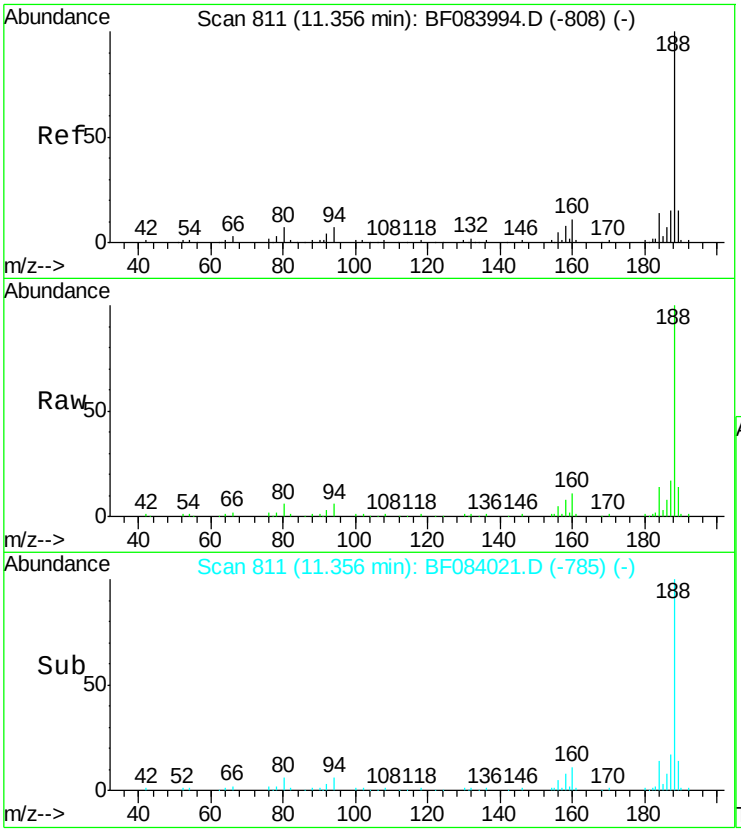


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:165 Resp: 17011

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



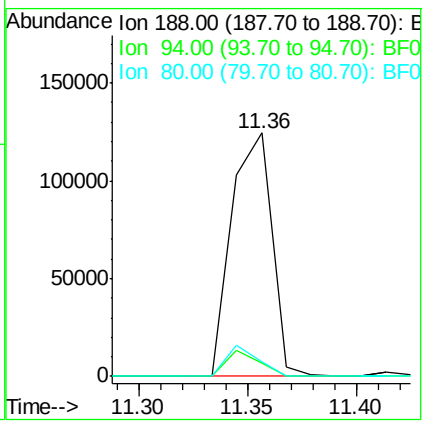


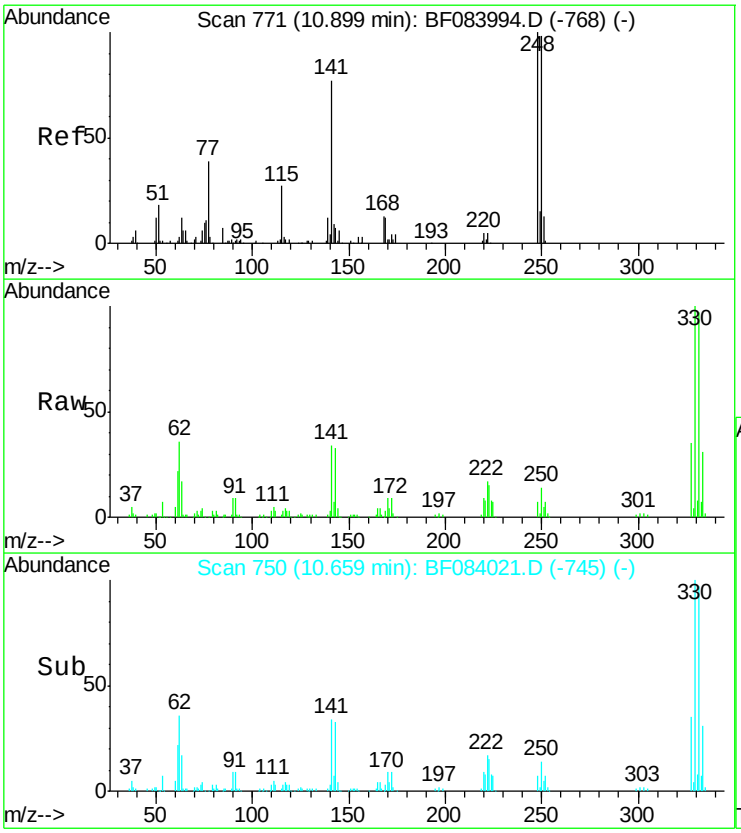
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:188 Resp: 160113

Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	5.8	9.6	14.4#

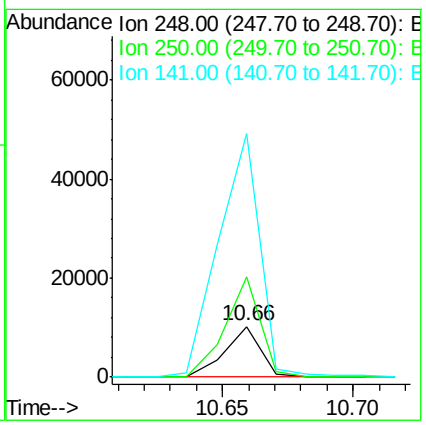


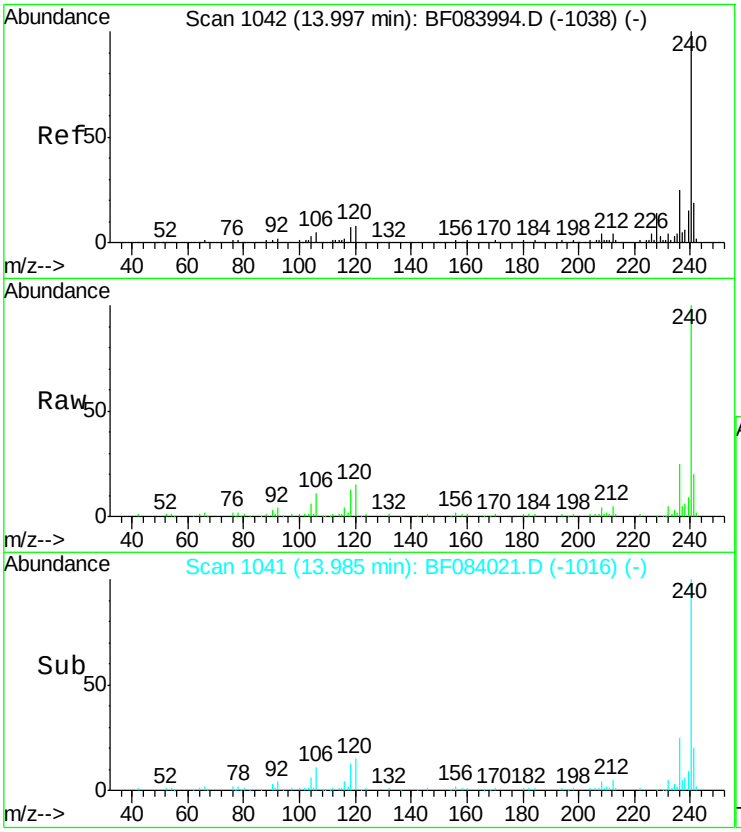


#66
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:248 Resp: 9801

Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.4	117.6#
141	478.7	44.0	66.0#



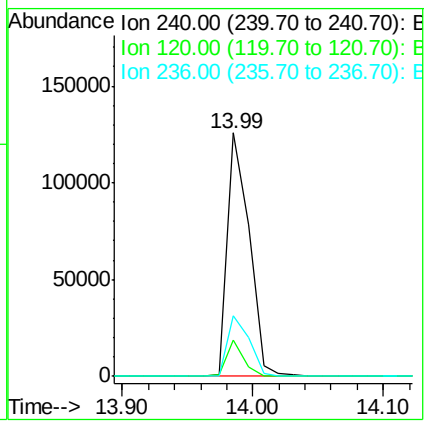


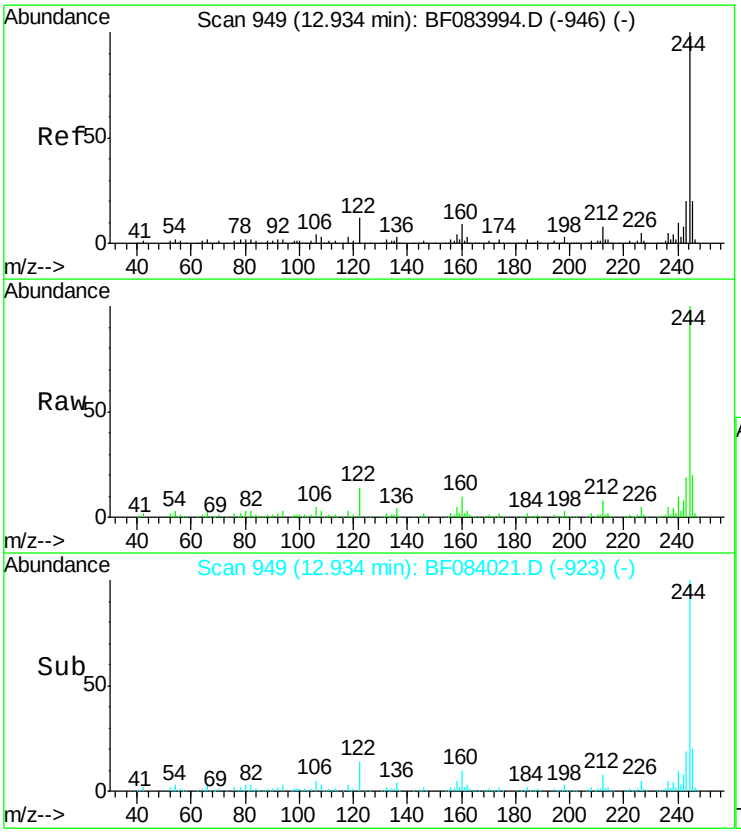
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:240 Resp: 145970

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	24.6	20.6	31.0

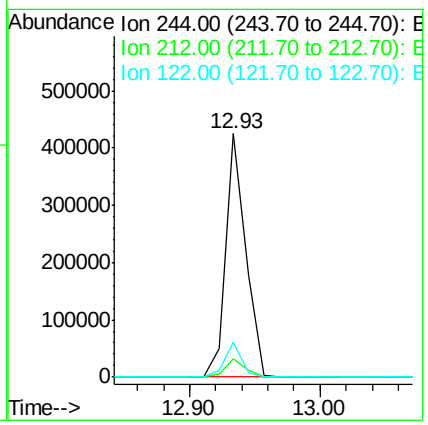


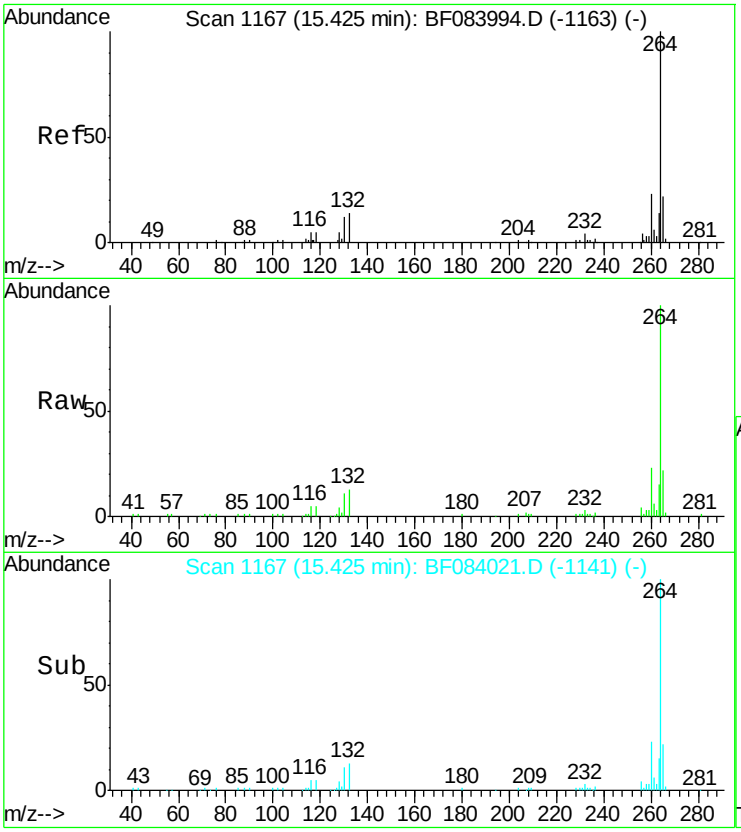


#78
Terphenyl-d14
Concen: 73.57 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Tgt Ion:244 Resp: 450296

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	14.5	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084021.D
Acq: 23 Dec 2015 6:36

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Tgt Ion:264 Resp: 109181

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.7	17.8	26.6