Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082877.D
Acq On : 10 Nov 2015 18:49
Operator : UM/IZ
Sample : G4326-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151106MGP221BRV95.5

Quant Time: Nov 13 17:34:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258400	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	935673	20.00	ng		-0.05
38) Acenaphthene-d10	9.86	164	559290	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	1027600	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	867988	20.00	ng		-0.05
86) Perylene-d12	15.41	264	727186	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1064735	64.11	ng		-0.02
7) Phenol-d6	6.45	99	1034477	46.85	ng		-0.02
23) Nitrobenzene-d5	7.38	82	1486948	69.15	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	585246	91.26	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	2415129	61.89	ng		-0.03
78) Terphenyl-d14	12.93	244	2438759	66.64	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	44652	3.66	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	204420	12.60	ng	#	70
25) Isophorone	7.38	82	1462162	36.75	ng	#	69
50) 2,6-Dinitrotoluene	9.86	165	73571	7.52	ng	#	17
56) 2,4-Dinitrotoluene	9.86	165	73558	5.55	ng	#	15
66) 4-Bromophenyl-phenylether	10.65	248	41873	3.38	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082877.D
Acq On : 10 Nov 2015 18:49
Operator : UM/IZ
Sample : G4326-04
Misc :
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Instrument :
BNA_F
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20151106MGP221BRV95.5

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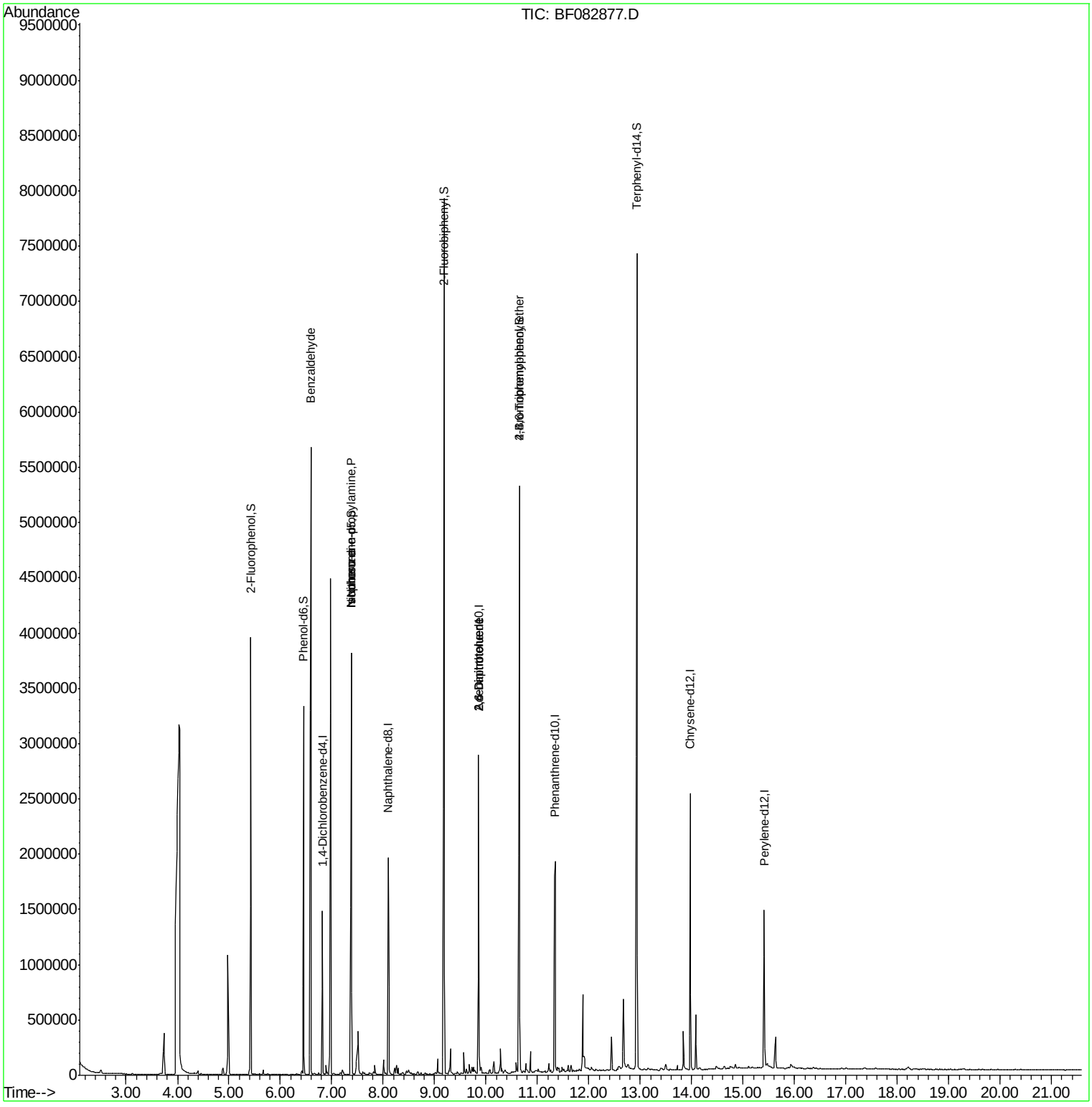
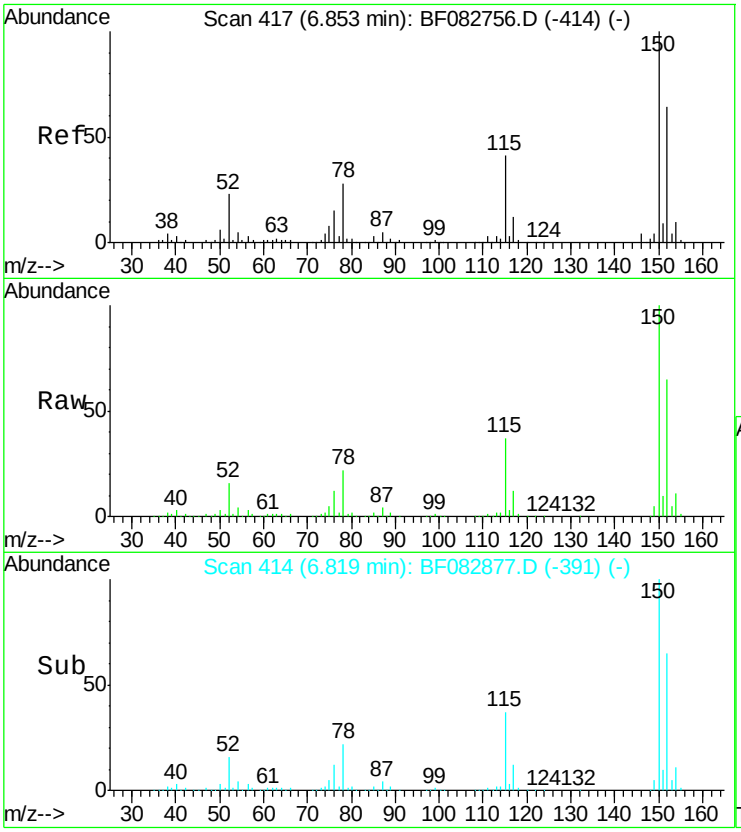


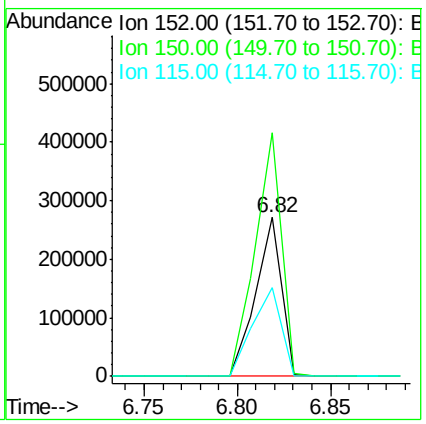


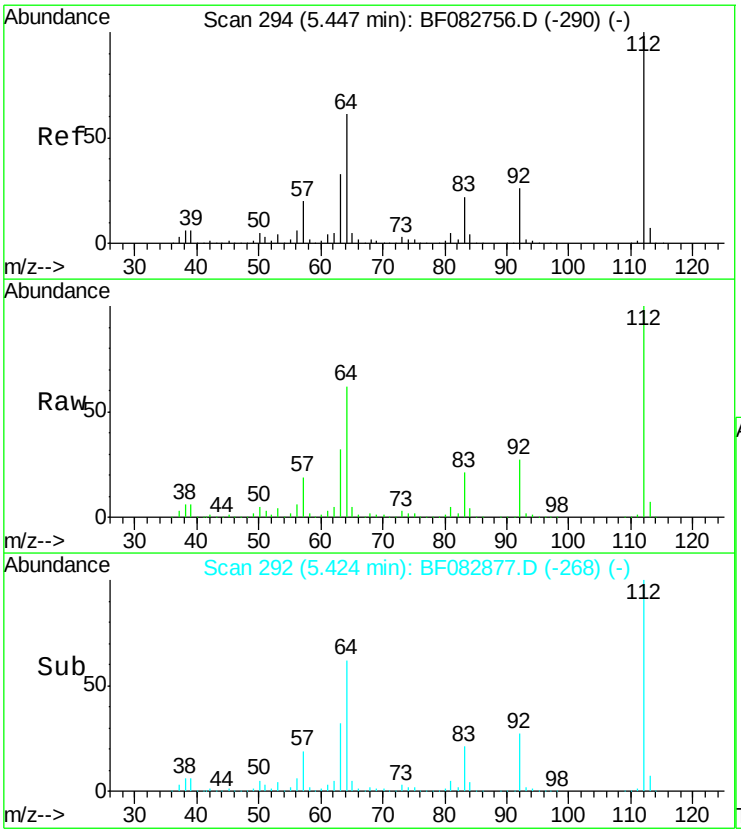
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:152 Resp: 258400

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.0	190.4
115	56.3	47.0	70.6

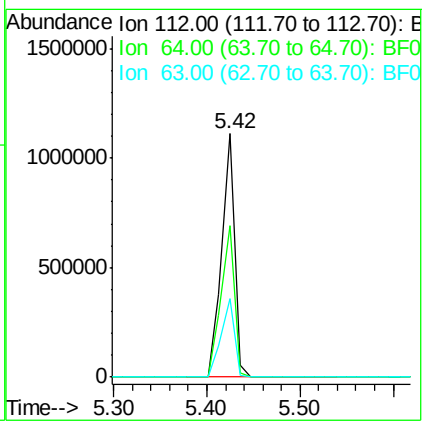


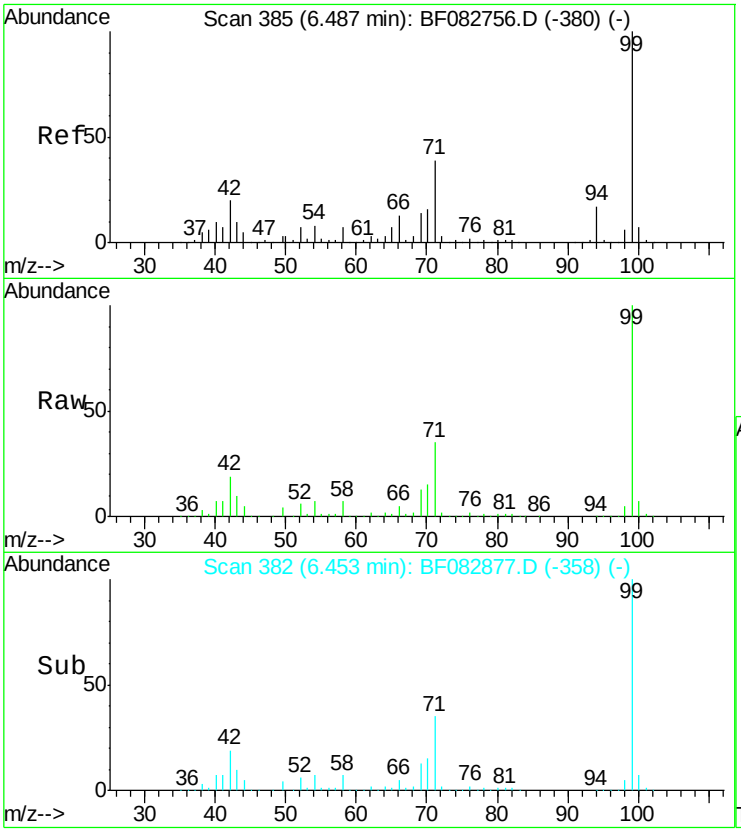


#5
2-Fluorophenol
Concen: 64.11 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:112 Resp: 1064735

Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.9	73.3
63	32.0	28.1	42.1



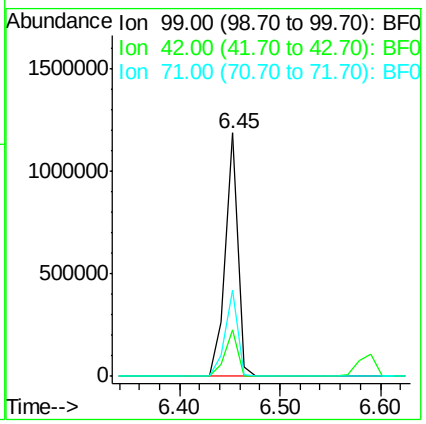


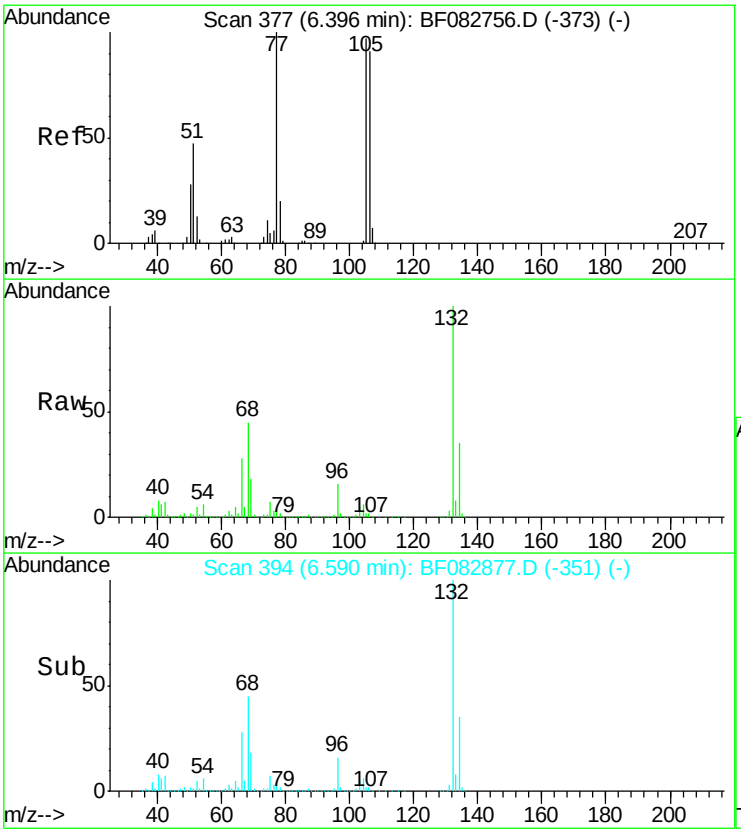
#7
Phenol-d6
Concen: 46.85 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion: 99 Resp: 1034477

Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.2	28.8#
71	35.5	35.0	52.4

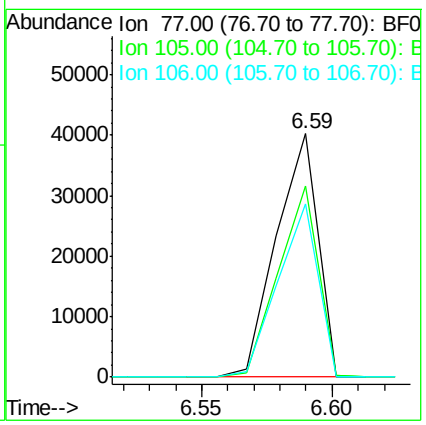


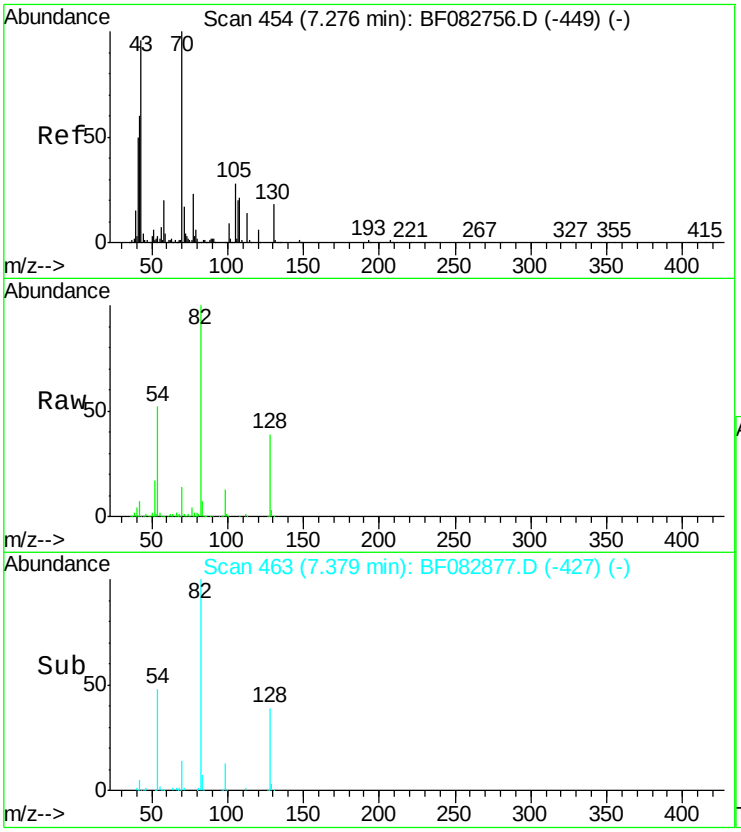


#9
Benzaldehyde
Concen: 3.66 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.20 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion: 77 Resp: 44652

Ion	Ratio	Lower	Upper
77	100		
105	78.7	63.5	103.5
106	71.4	59.3	99.3



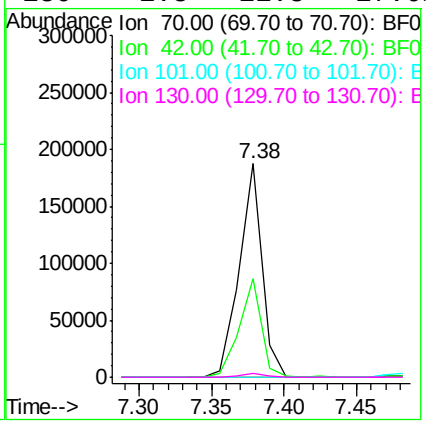


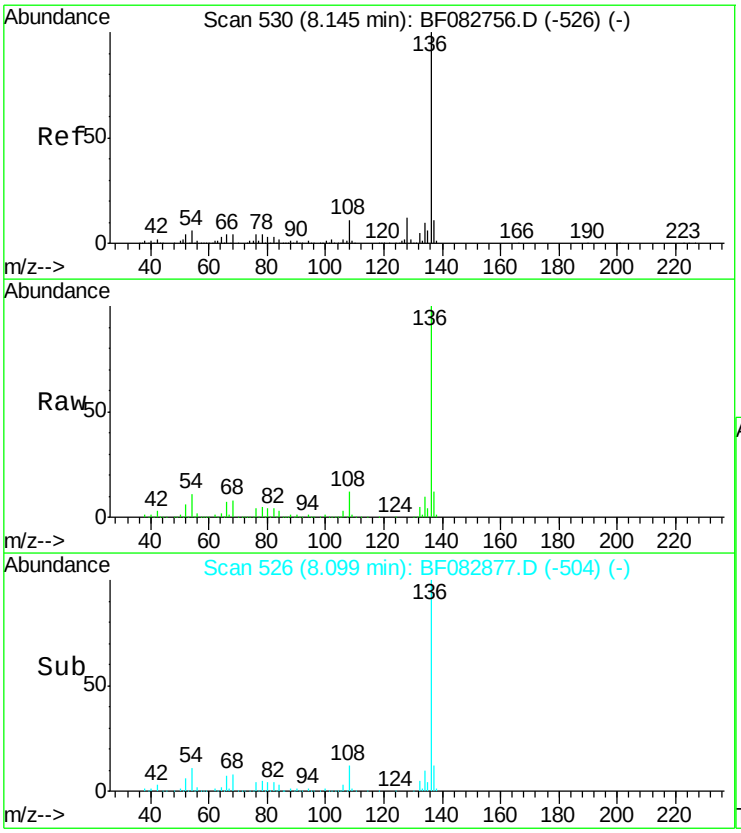
#19
n-Nitroso-di-n-propylamine
Concen: 12.60 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion: 70 Resp: 204420

Ion	Ratio	Lower	Upper
70	100		
42	46.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#

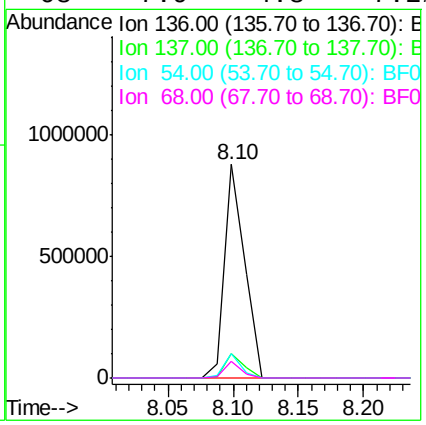


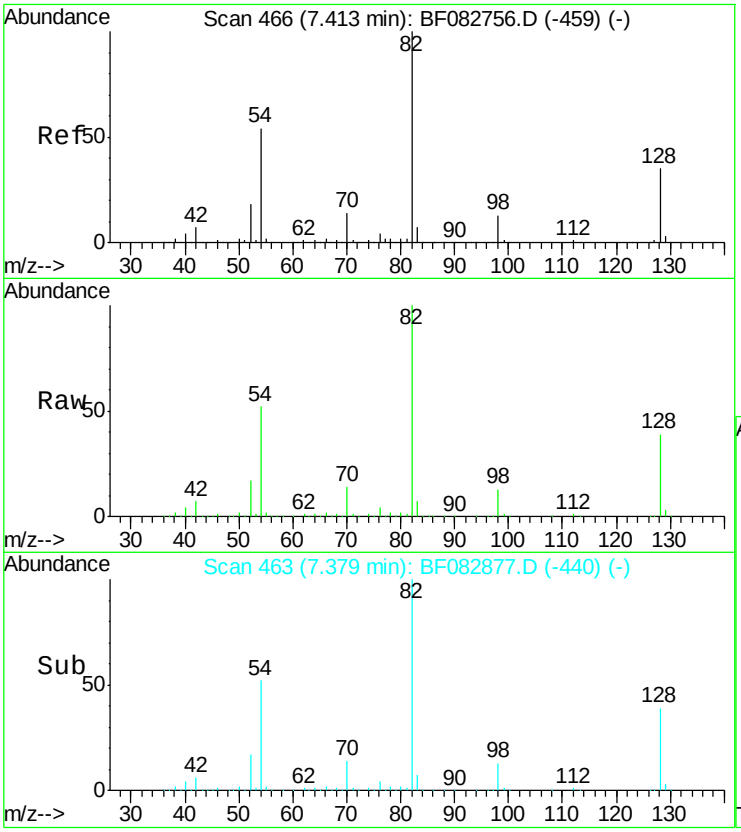


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:136 Resp: 935673

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.3	9.1	13.7
68	7.9	4.8	7.2#



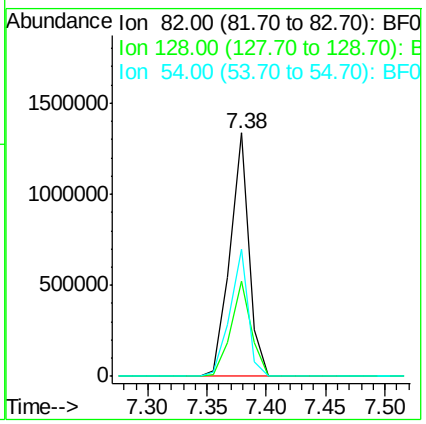


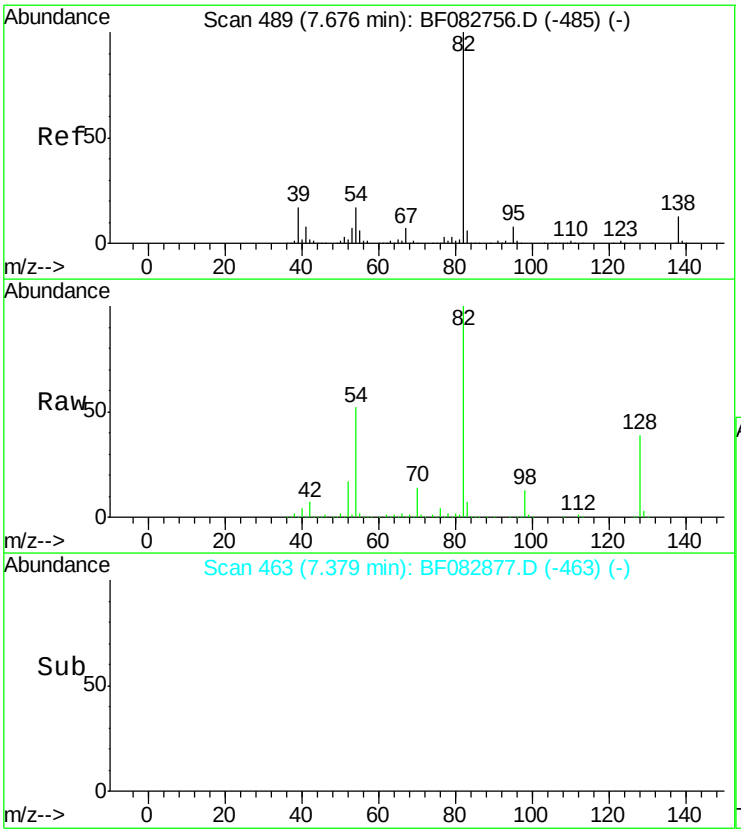
#23
Nitrobenzene-d5
Concen: 69.15 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion: 82 Resp: 1486948

Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.8	40.2
54	52.4	45.7	68.5

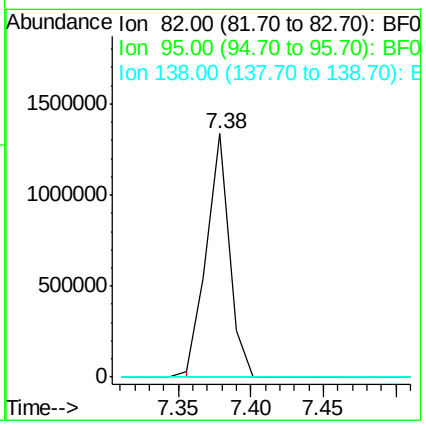


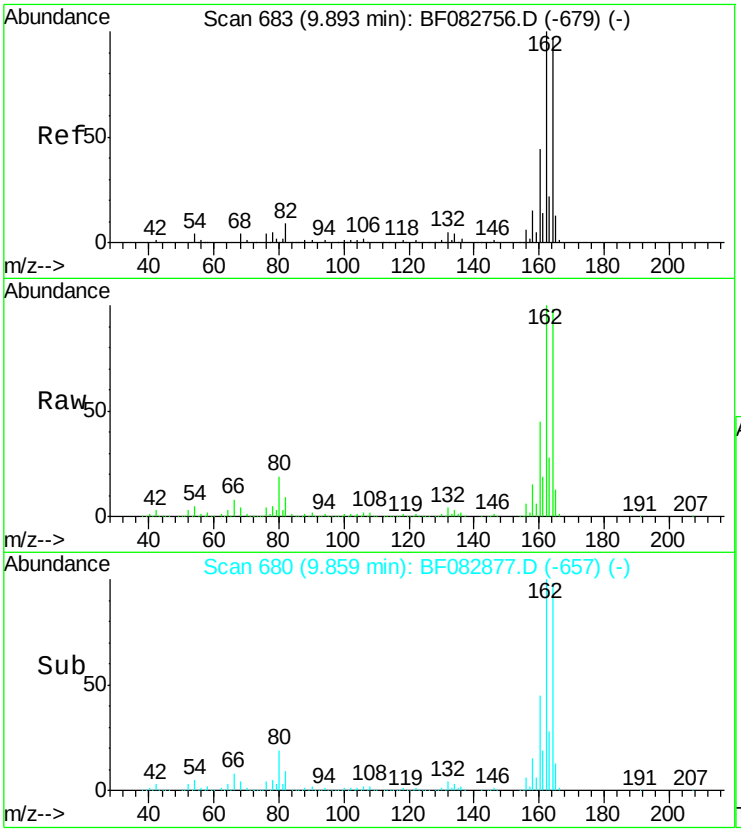


#25
Isophorone
Concen: 36.75 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.30 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion: 82 Resp: 1462162

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#



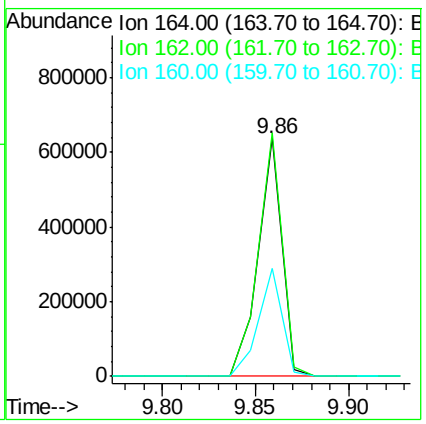


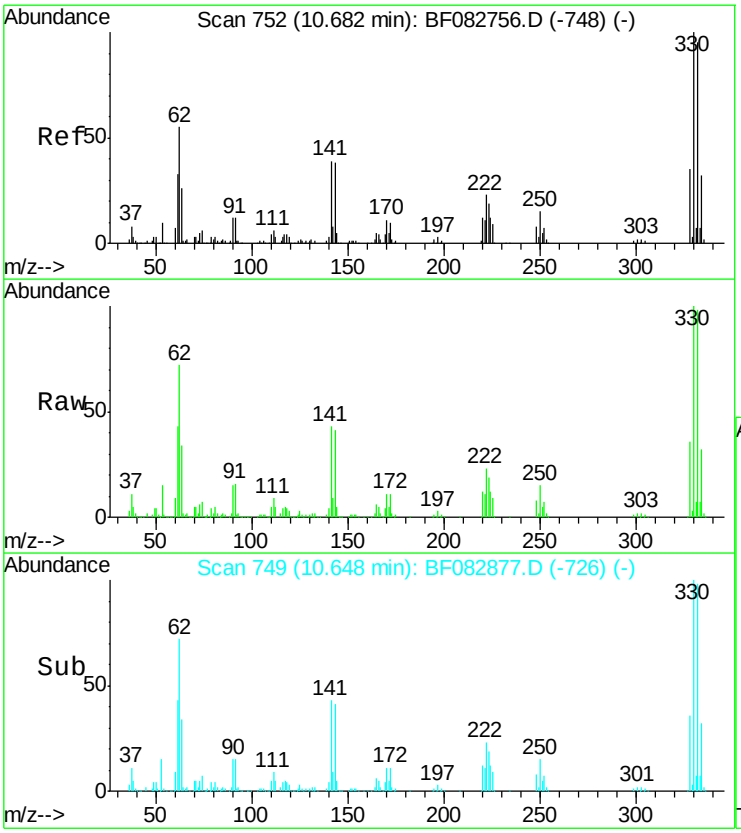
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:164 Resp: 559290

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.9	127.3
160	45.5	37.5	56.3

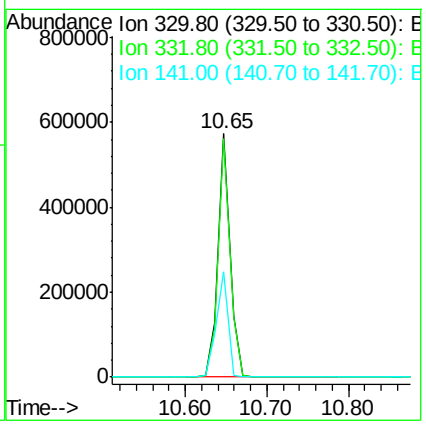


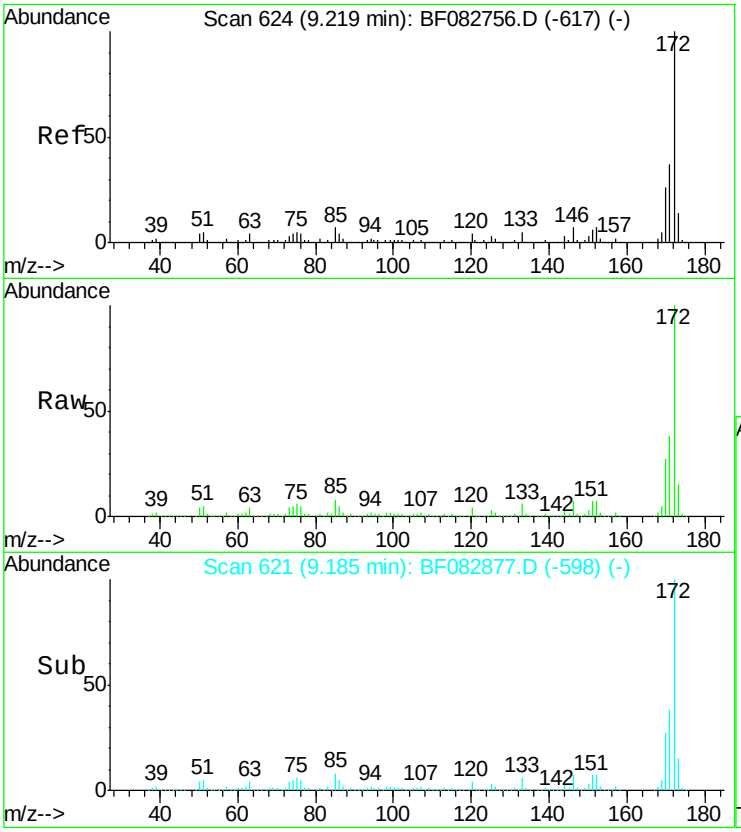


#41
2,4,6-Tribromophenol
Concen: 91.26 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:330 Resp: 585246

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	42.1	41.2	61.8



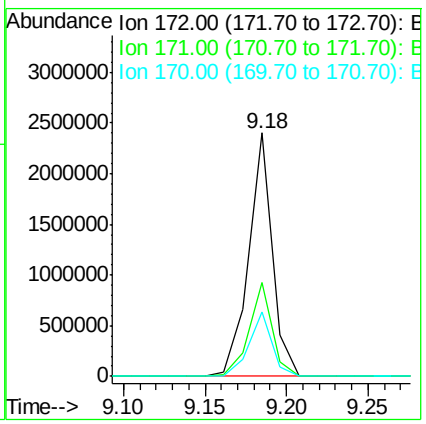


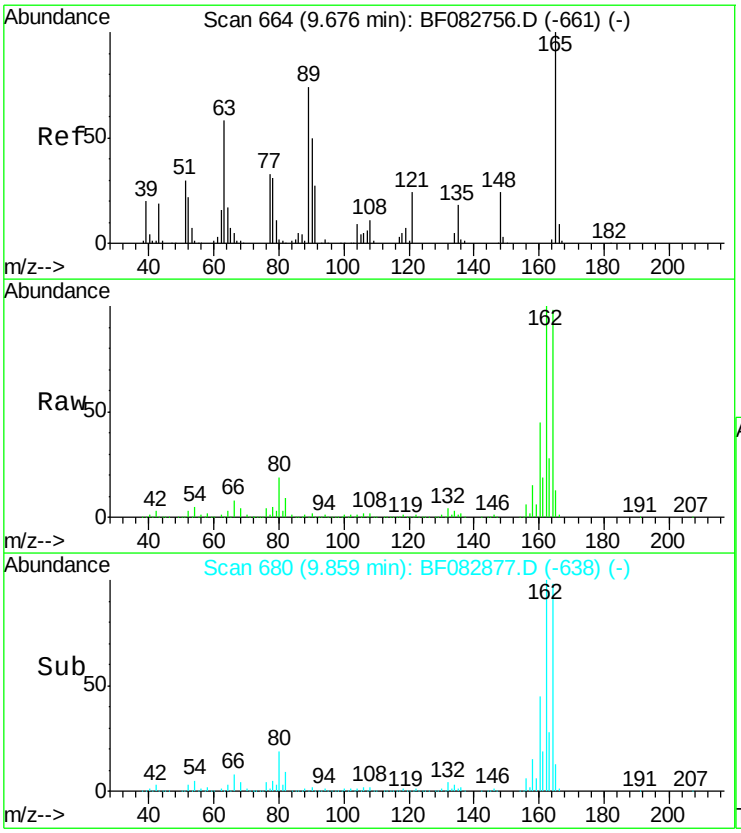
#44
2-Fluorobiphenyl
Concen: 61.89 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:172 Resp: 2415129

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.5	21.2	31.8

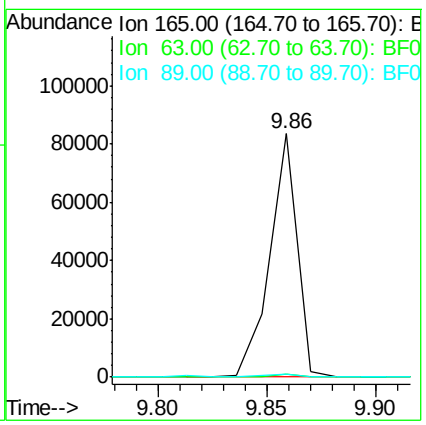


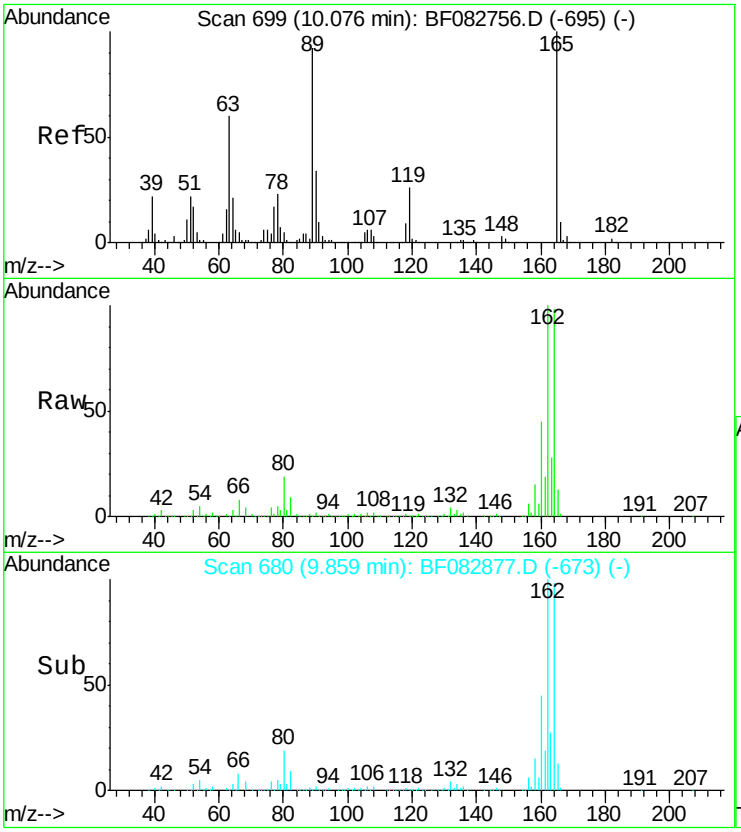


#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.18 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:165 Resp: 73571

Ion	Ratio	Lower	Upper
165	100		
63	1.3	55.5	83.3#
89	1.3	55.0	82.6#



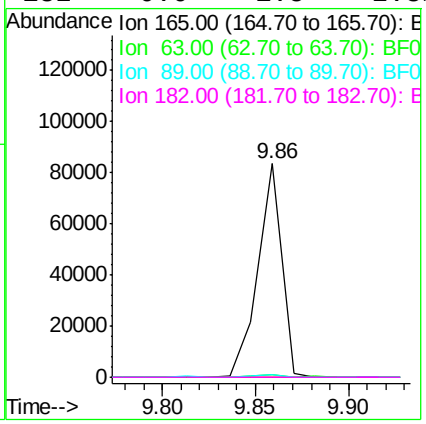


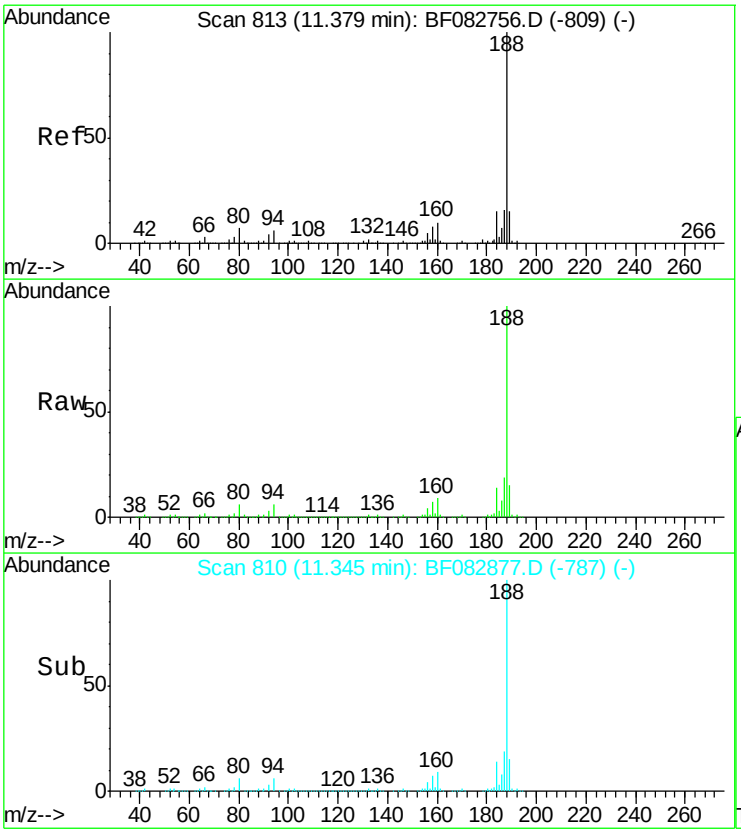
#56
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:165 Resp: 73558

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

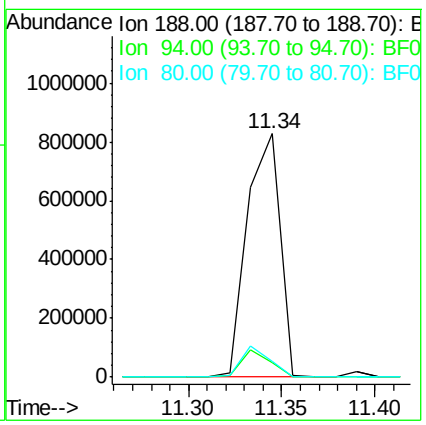


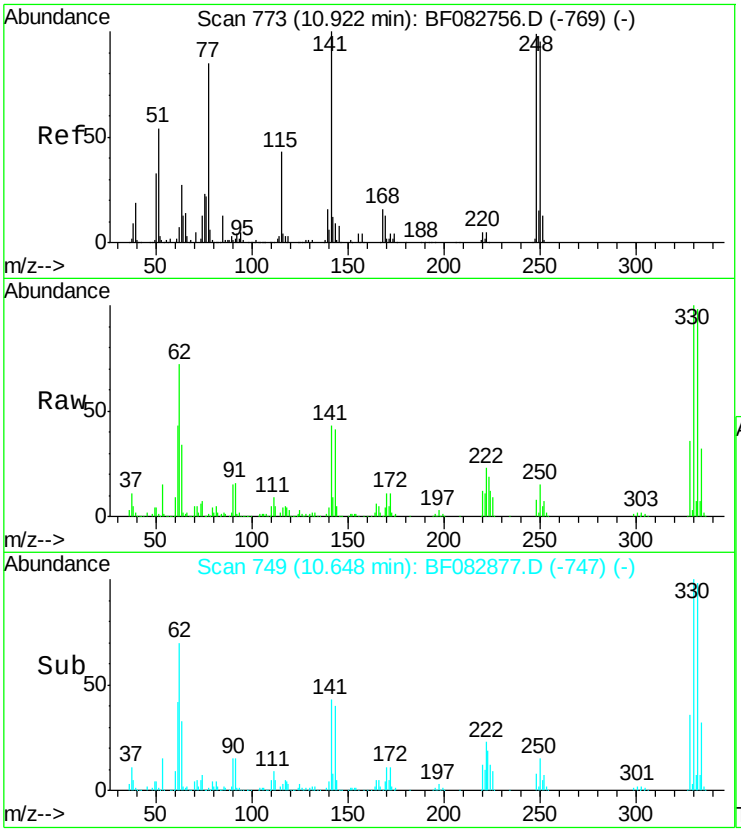


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:188 Resp: 1027600

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.1	9.1#
80	6.2	7.0	10.6#



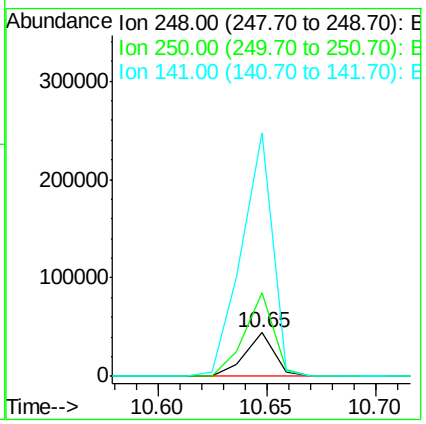


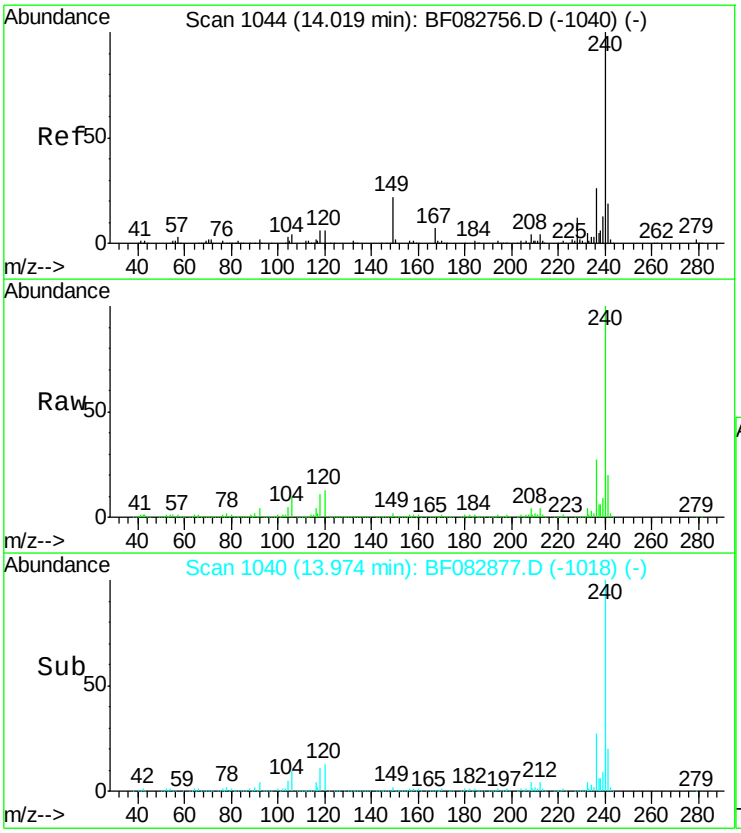
#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:248 Resp: 41873

Ion	Ratio	Lower	Upper
248	100		
250	191.5	79.4	119.2#
141	560.7	36.3	54.5#

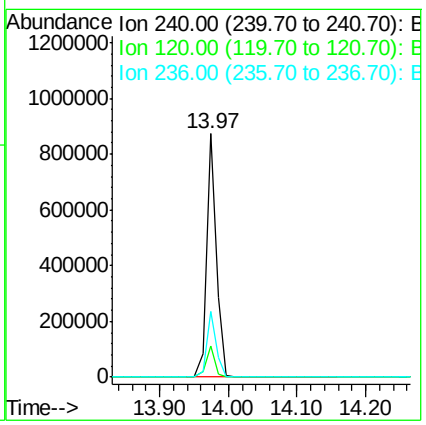


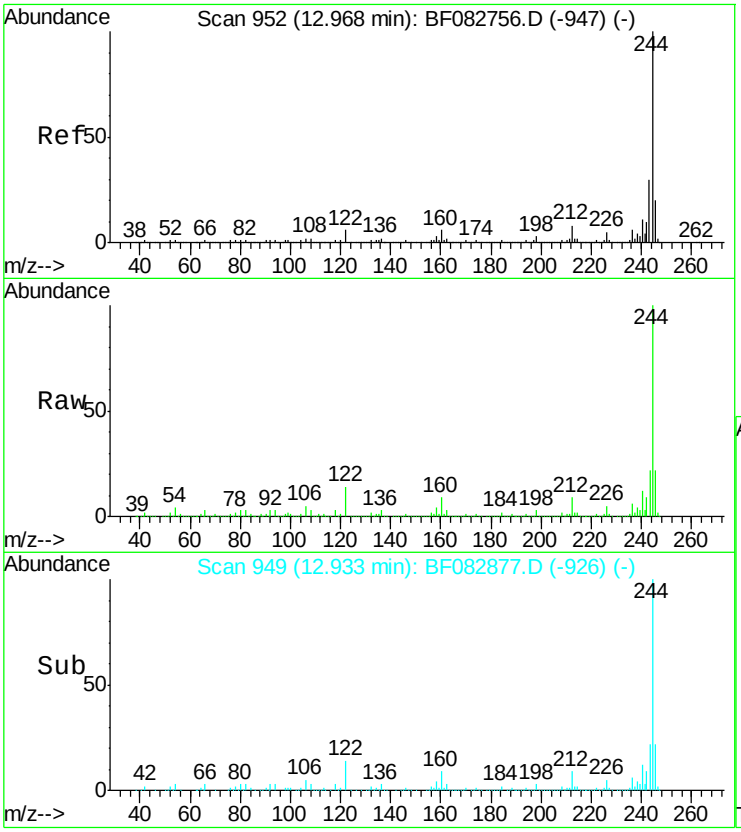


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:240 Resp: 867988

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.9	16.3
236	26.8	21.6	32.4



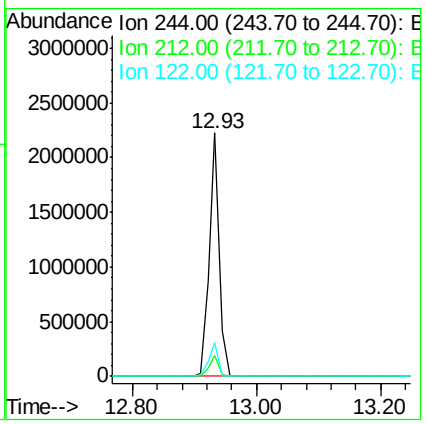


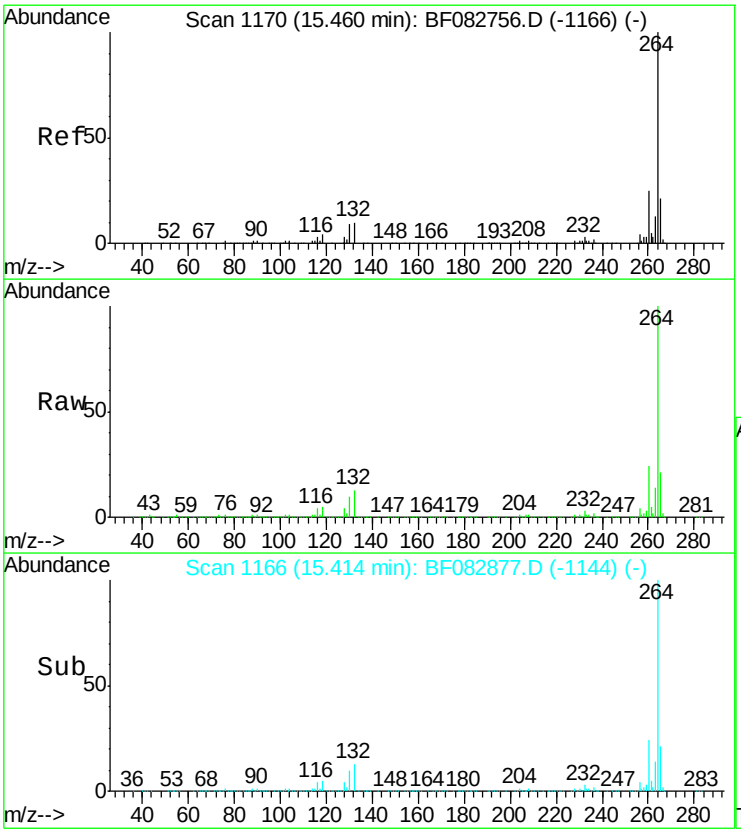
#78
Terphenyl-d14
Concen: 66.64 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Tgt Ion:244 Resp: 2438759

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	14.0	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082877.D
Acq: 10 Nov 2015 18:49

Tgt Ion:264 Resp: 727186

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.2	17.4	26.0