Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084545.D
Acq On : 19 Jan 2016 11:00
Operator : SJ/UM
Sample : PB87733TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87733TB

Quant Time: Jan 19 17:21:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 19 17:05:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	242150	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	964851	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	484981	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	850866	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	842139	20.00	ng	-0.01
86) Perylene-d12	15.36	264	594531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1219603	81.46	ng	0.01
7) Phenol-d6	6.44	99	2125052	113.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	1142883	65.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	550205	112.37	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2252497	81.44	ng	0.00
78) Terphenyl-d14	12.91	244	2332345	61.82	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	155951	12.25	ng	# 71
25) Isophorone	7.36	82	931302	28.09	ng	# 66
32) Benzoic acid	8.08	122	226	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.84	165	62446	8.21	ng	# 38
56) 2,4-Dinitrotoluene	9.84	165	62446	6.49	ng	# 21
57) Fluorene	10.62	166	23433	Below Cal		# 86
64) 4,6-Dinitro-2-methylphenol	10.62	198	1278	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	37801	4.13	ng	# 1

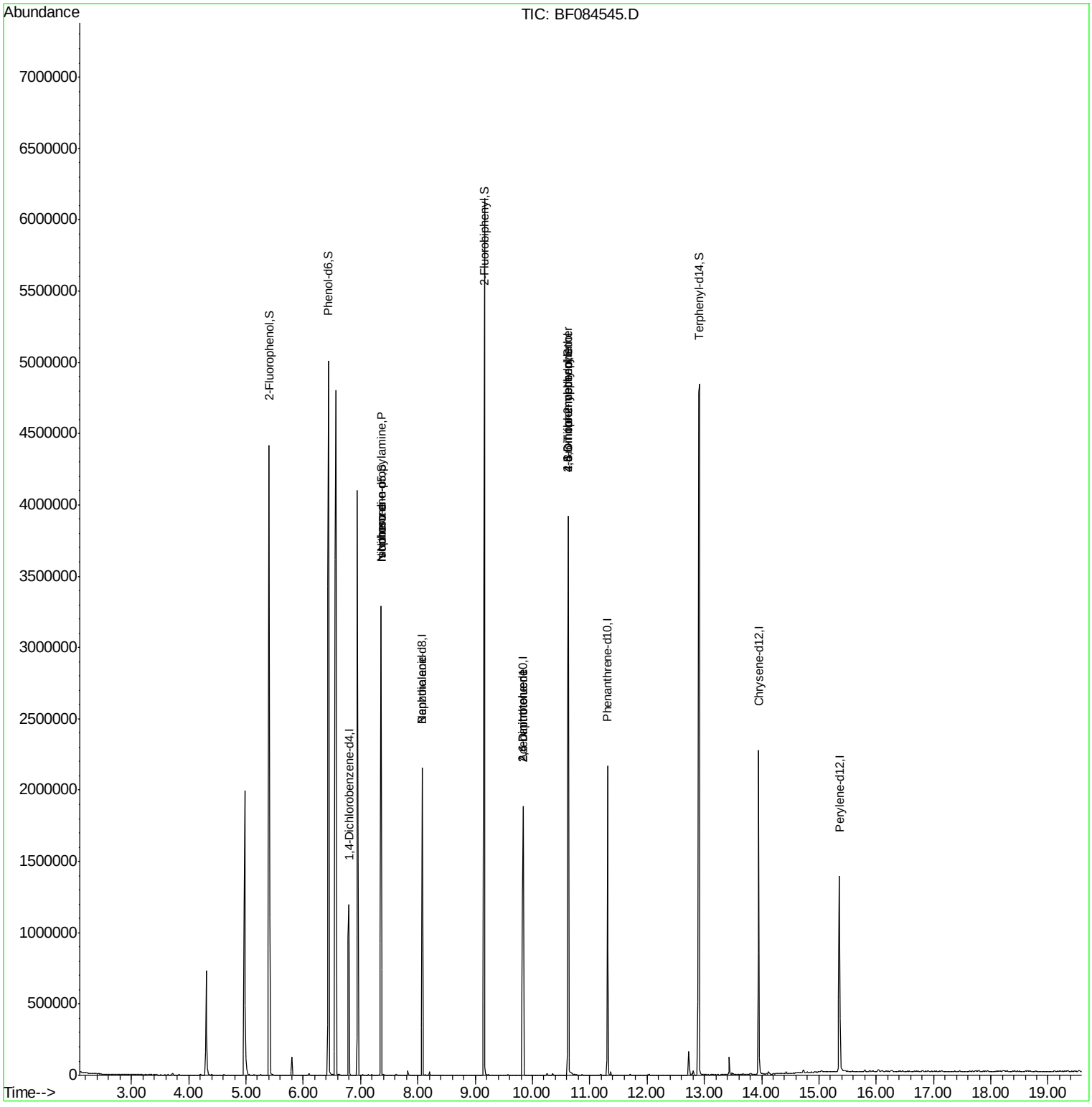
(#) = qualifier out of range (m) = manual integration (+) = signals summed

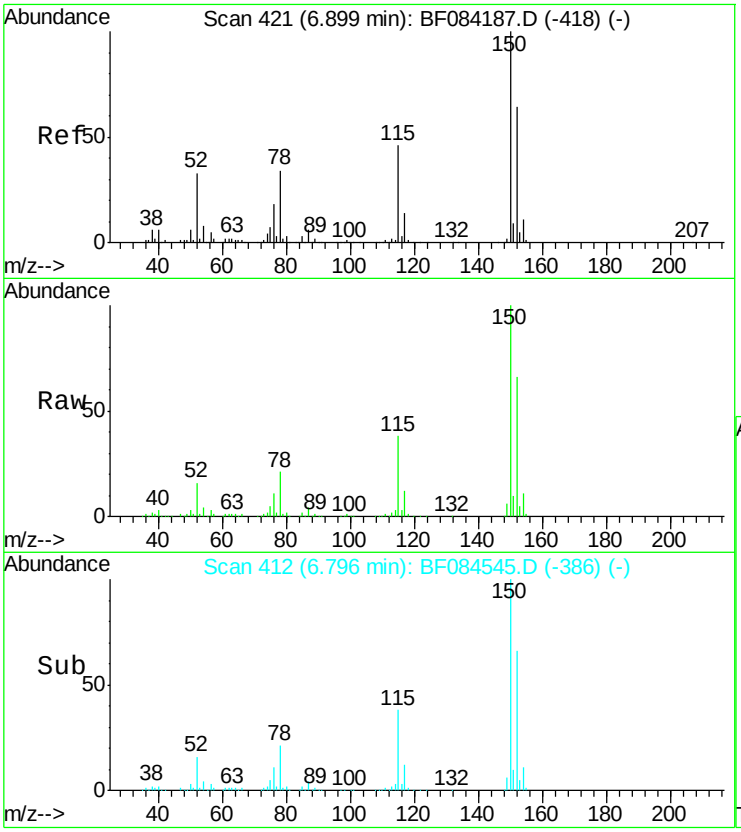
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084545.D
Acq On : 19 Jan 2016 11:00
Operator : SJ/UM
Sample : PB87733TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Quant Time: Jan 19 17:21:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 19 17:05:27 2016
Response via : Initial Calibration



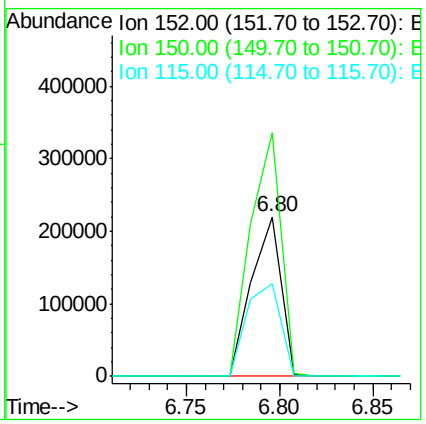


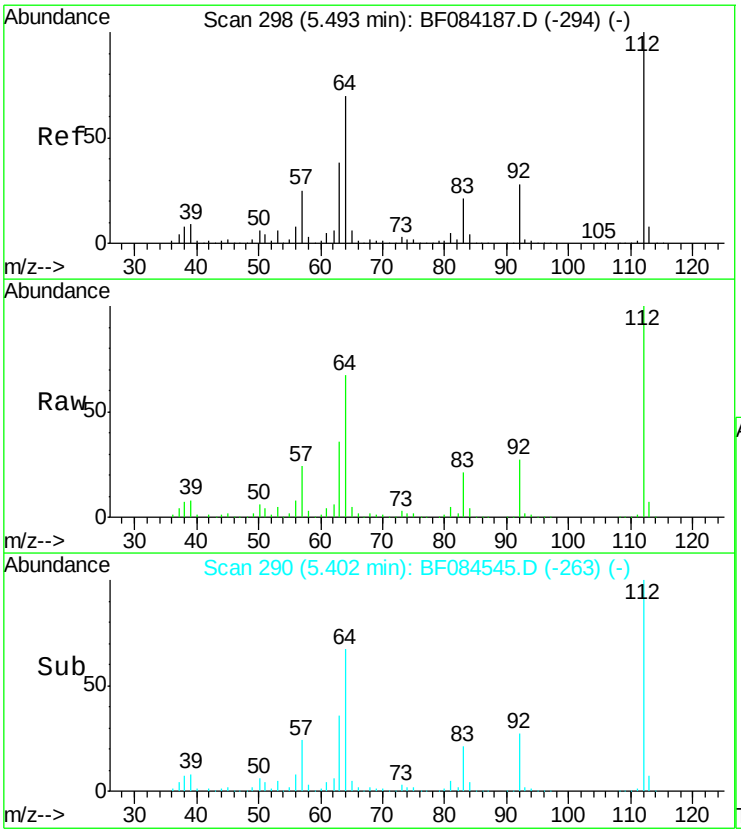
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:152 Resp: 242150

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.0	184.4
115	57.8	51.4	77.2

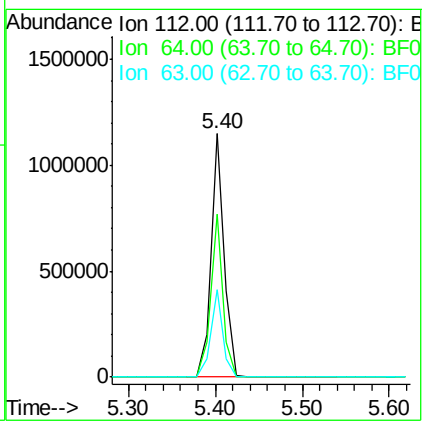


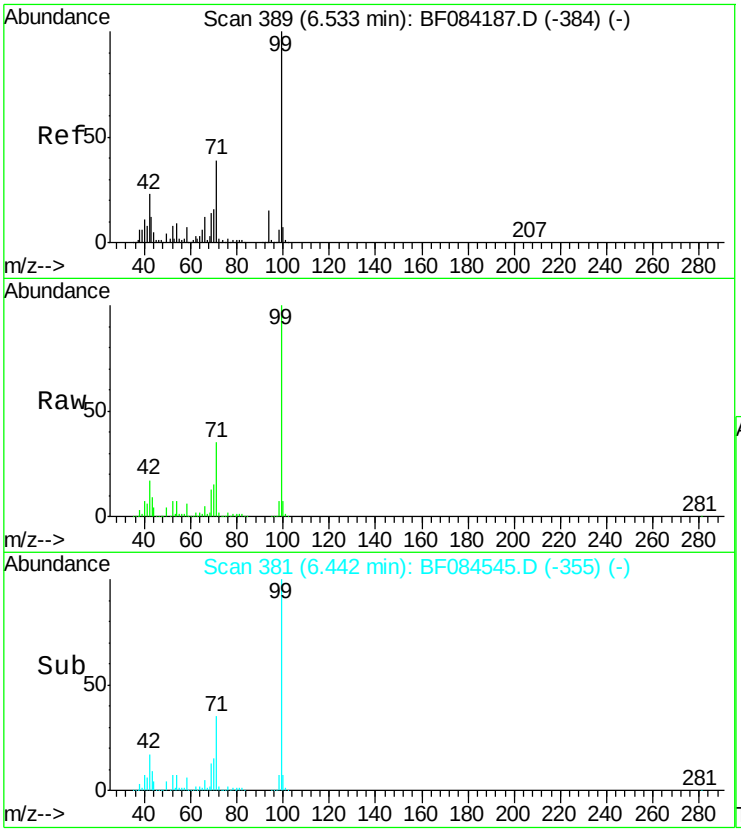


#5
2-Fluorophenol
Concen: 81.46 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:112 Resp: 1219603

Ion	Ratio	Lower	Upper
112	100		
64	67.2	36.6	55.0#
63	36.1	19.4	29.0#



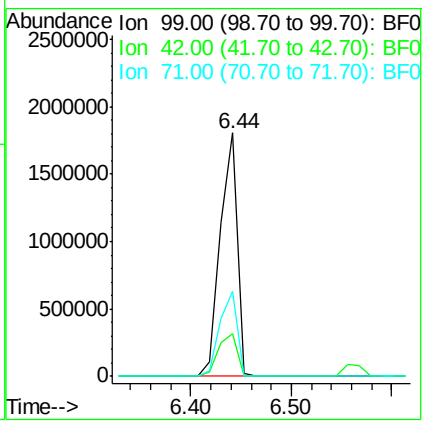


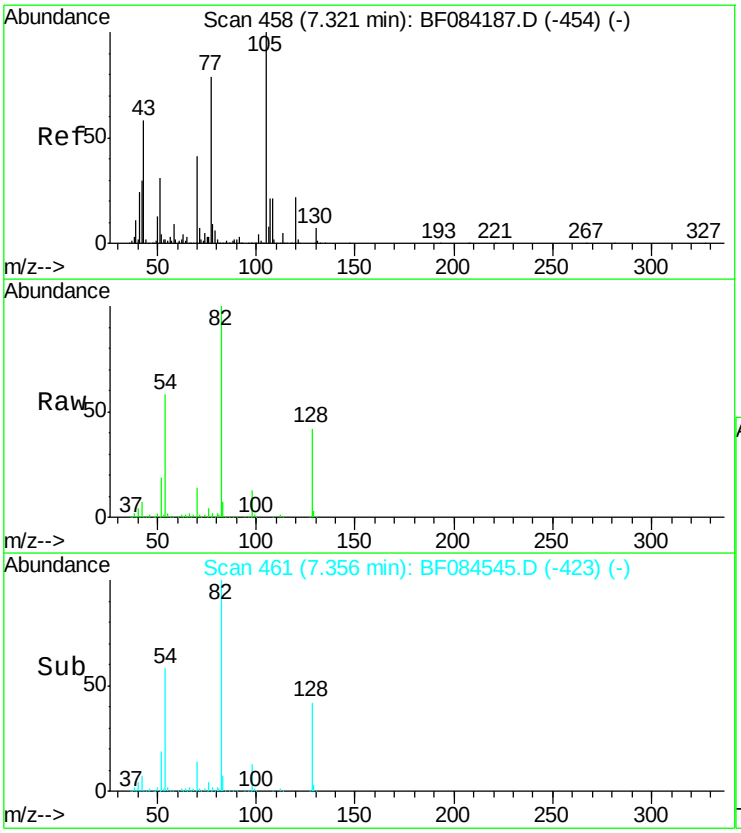
#7
Phenol-d6
Concen: 113.02 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion: 99 Resp: 2125052

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.8	19.2
71	35.1	30.9	46.3

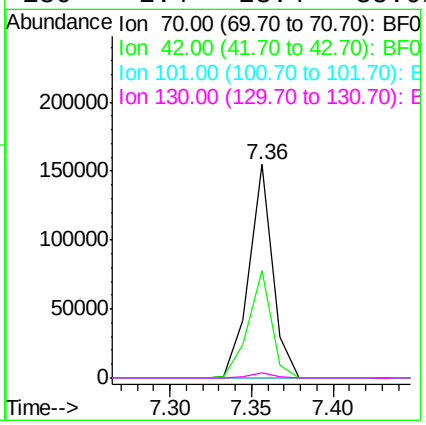


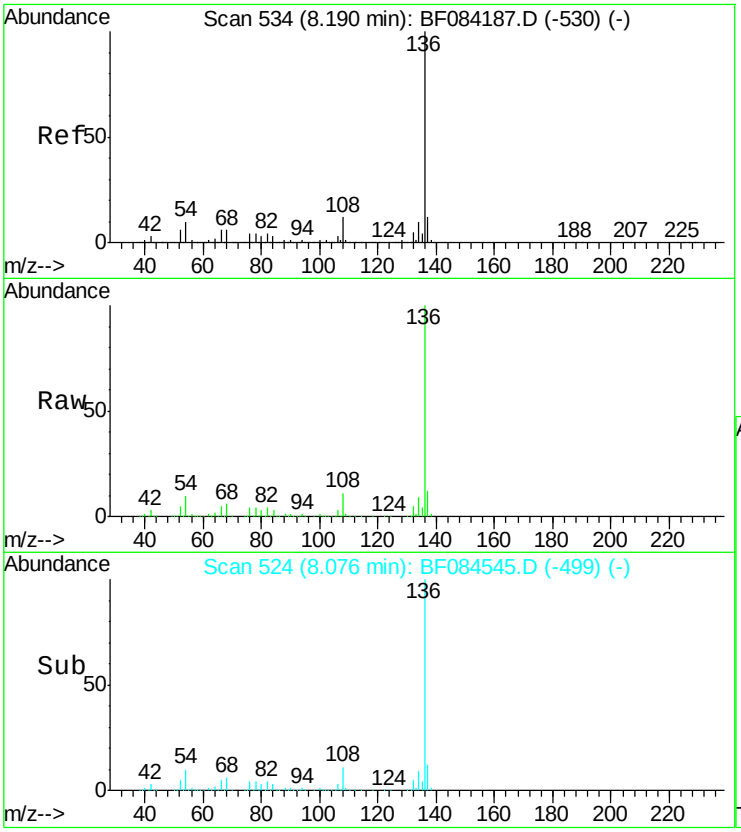


#19
n-Nitroso-di-n-propylamine
Concen: 12.25 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion: 70 Resp: 155951

Ion	Ratio	Lower	Upper
70	100		
42	50.1	33.3	49.9#
101	0.0	9.3	13.9#
130	2.4	23.4	35.0#



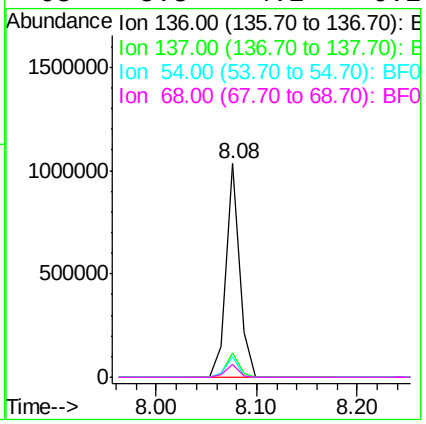


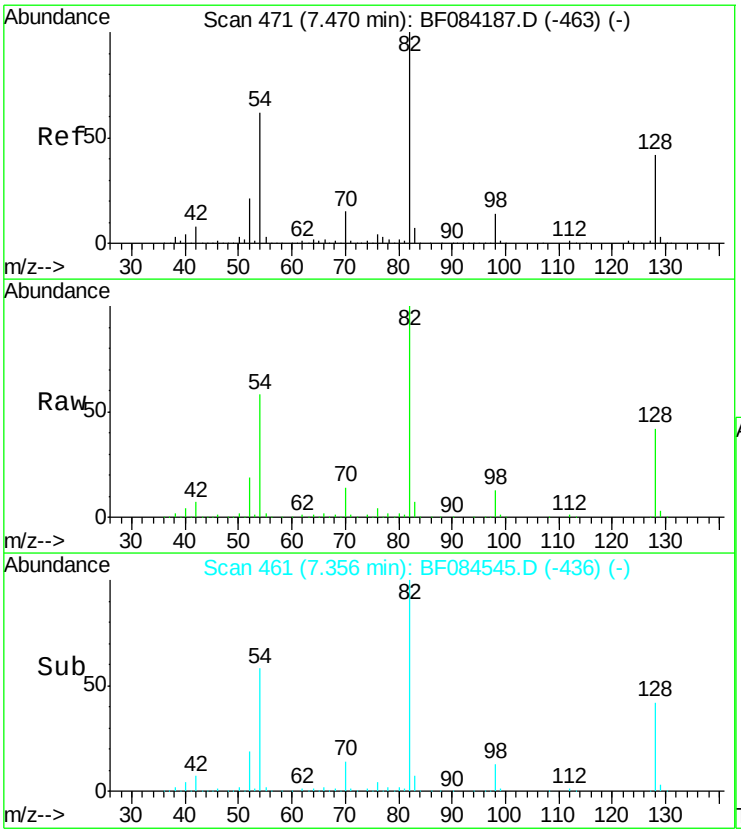
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:136 Resp: 964851

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.8	5.8	8.8#
68	5.8	4.2	6.2

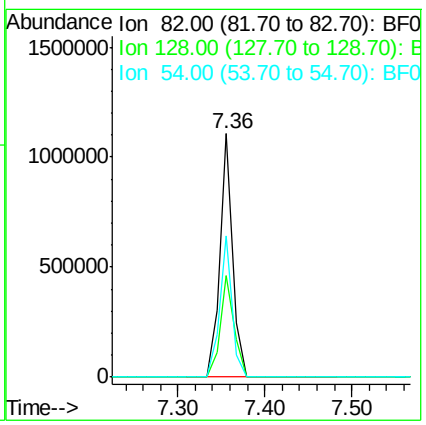


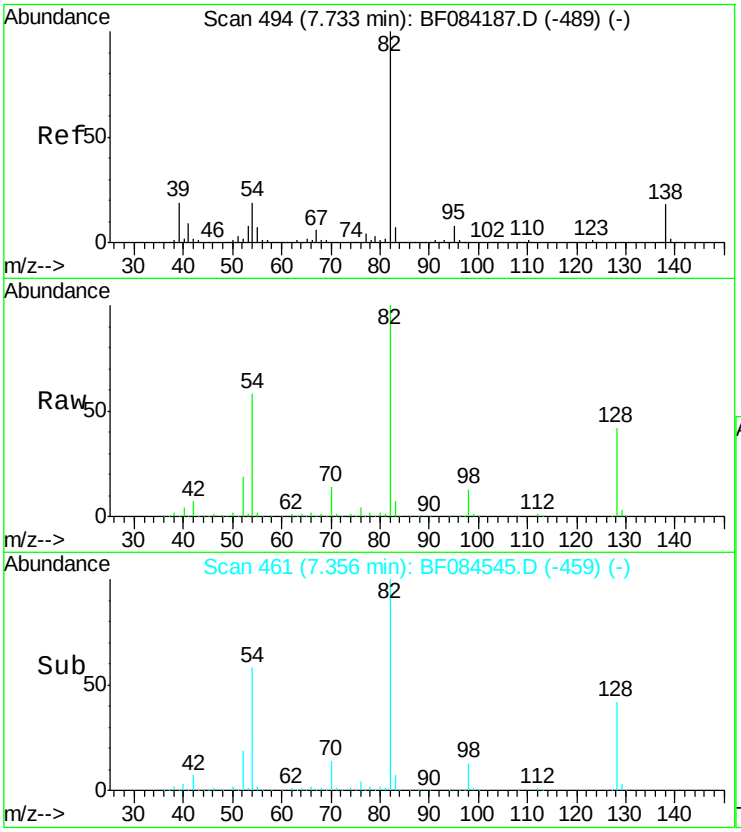


#23
Nitrobenzene-d5
Concen: 65.92 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion: 82 Resp: 1142883

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	57.8	38.4	57.6#



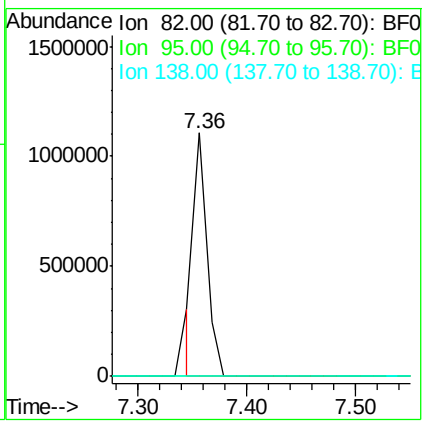


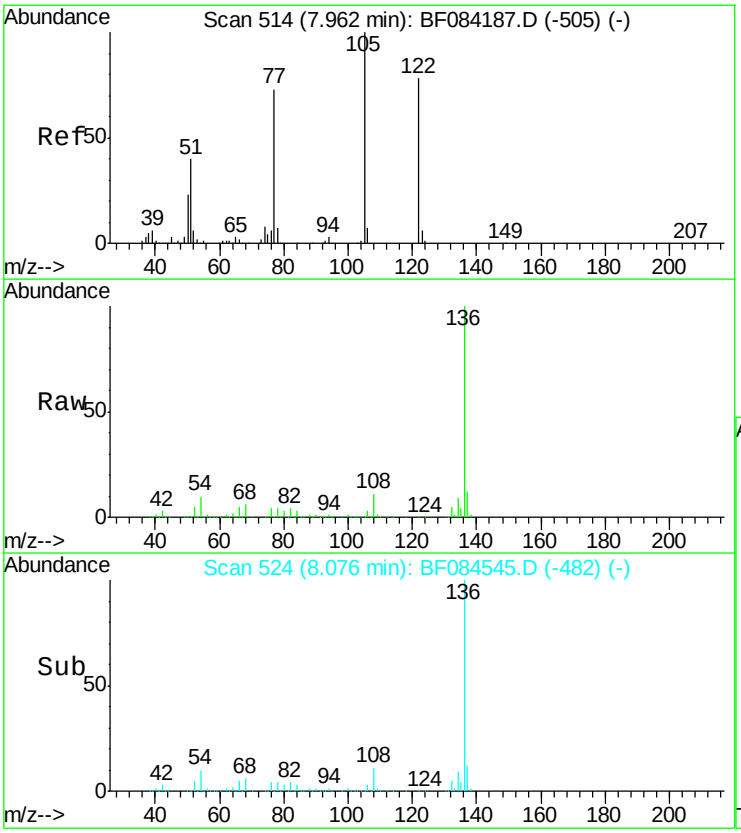
#25
Isophorone
Concen: 28.09 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.27 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion: 82 Resp: 931302

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

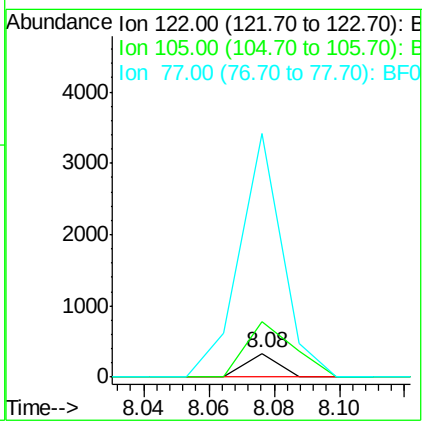


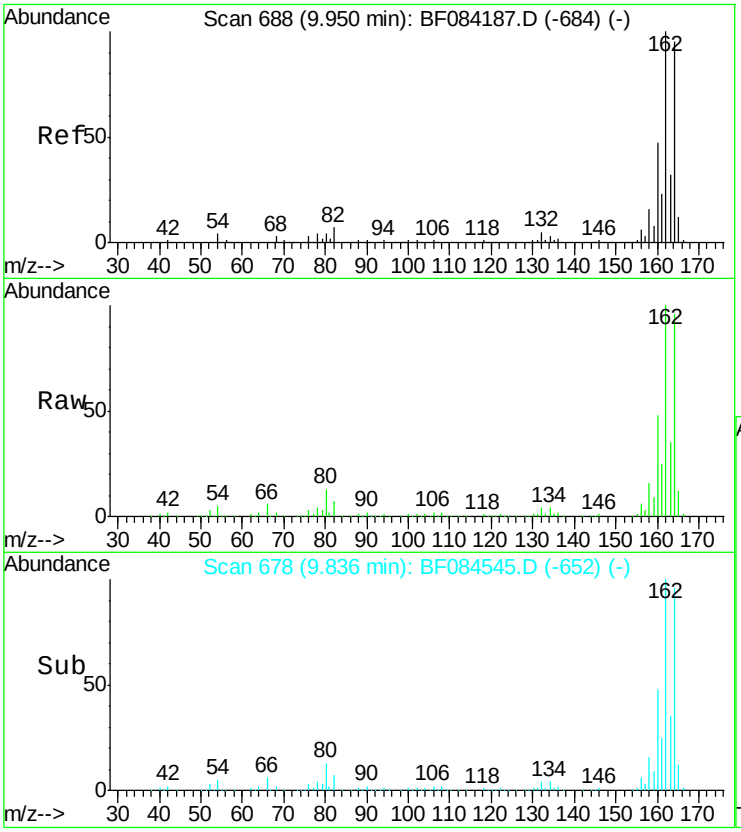


#32
Benzoic acid
Concen: 6.27 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.18 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:122 Resp: 226

Ion	Ratio	Lower	Upper
122	100		
105	236.7	100.3	140.3#
77	1034.8	63.5	103.5#



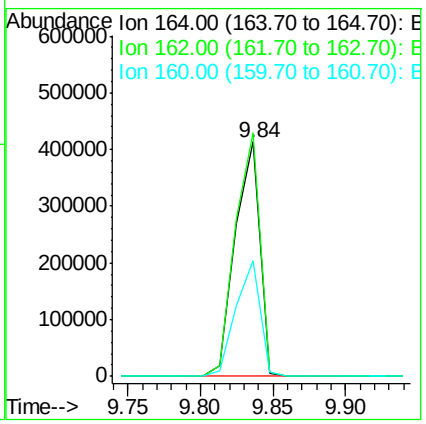


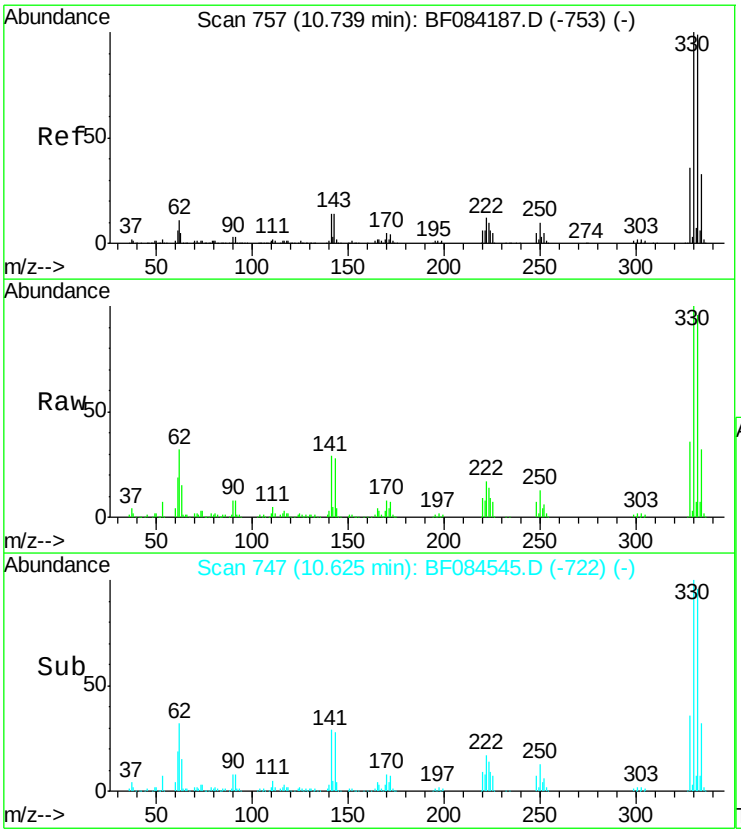
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:164 Resp: 484981

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	49.4	37.5	56.3

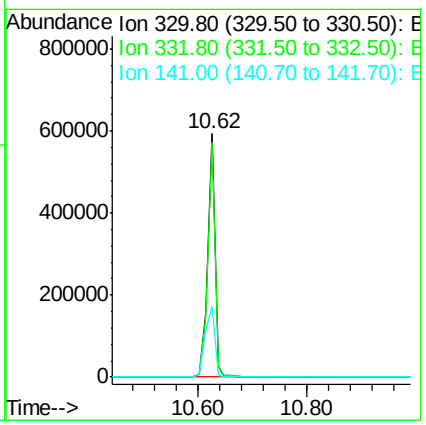


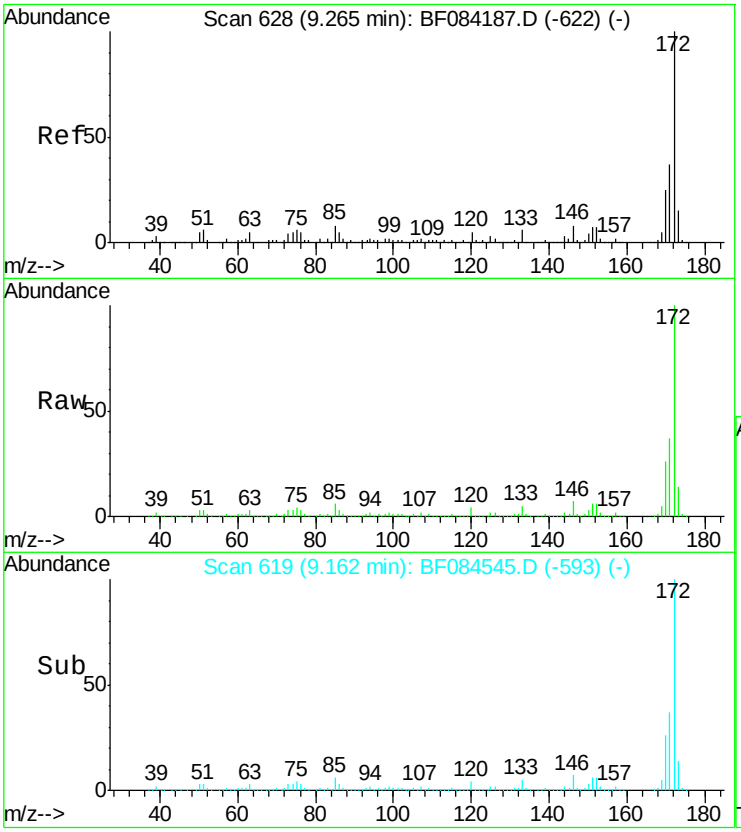


#41
2,4,6-Tribromophenol
Concen: 112.37 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:330 Resp: 550205

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	37.4	27.8	41.6



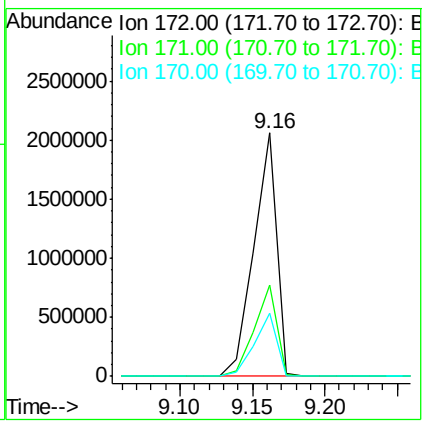


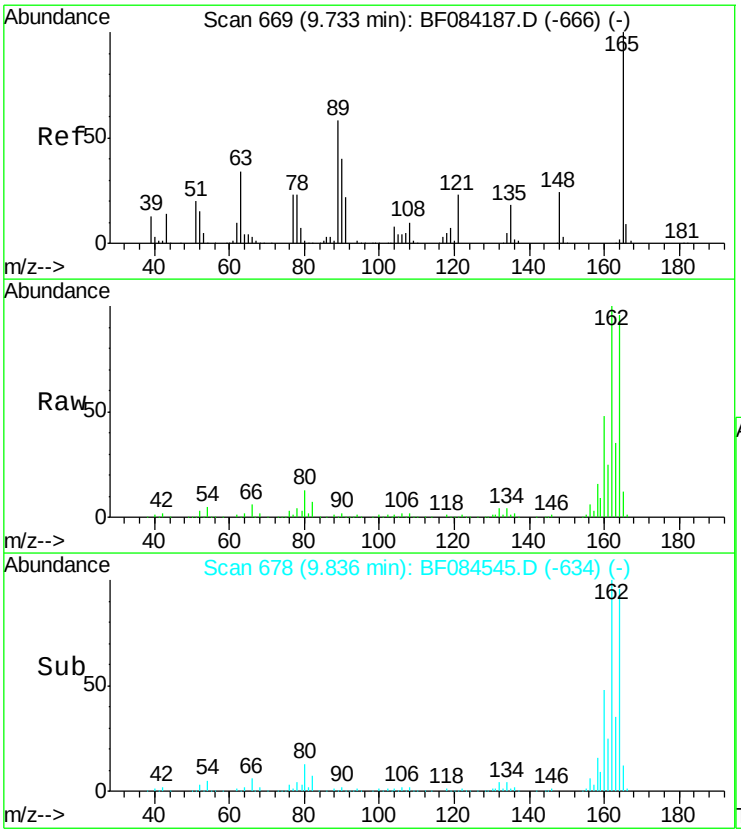
#44
2-Fluorobiphenyl
Concen: 81.44 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:172 Resp: 2252497

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	26.0	18.6	27.8

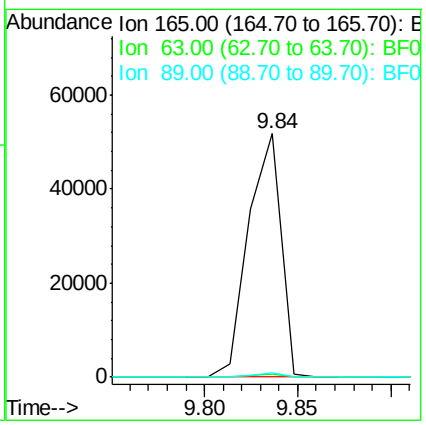


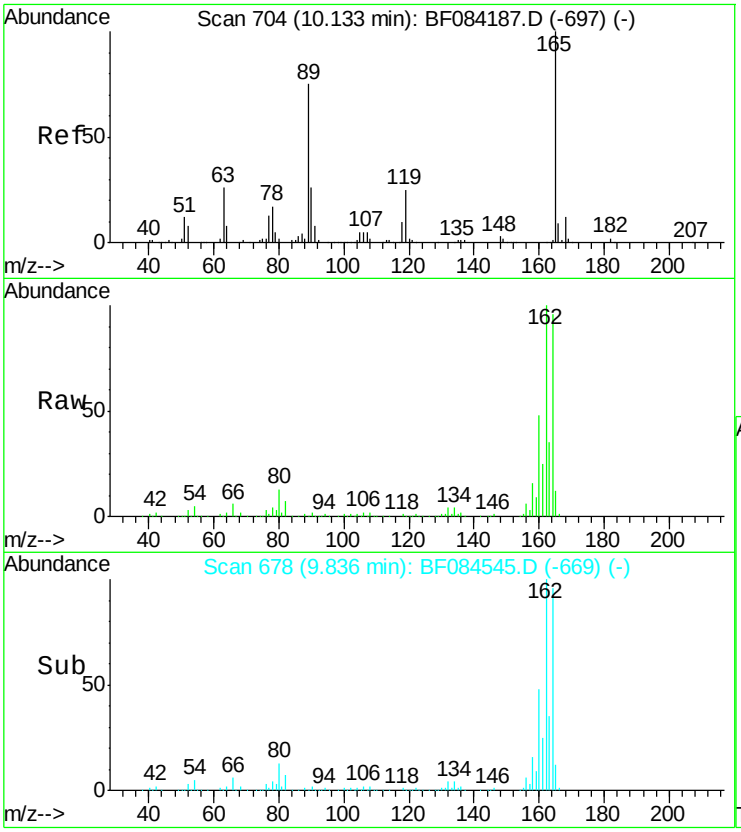


#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.21 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:165 Resp: 62446

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.7	35.1	52.7#



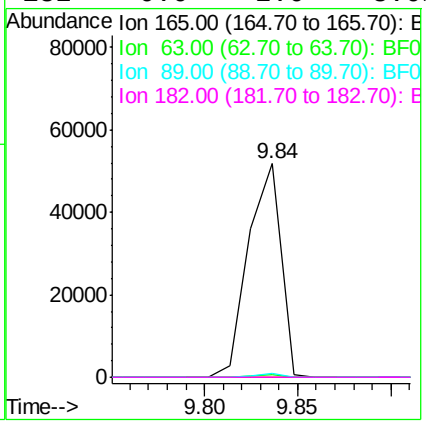


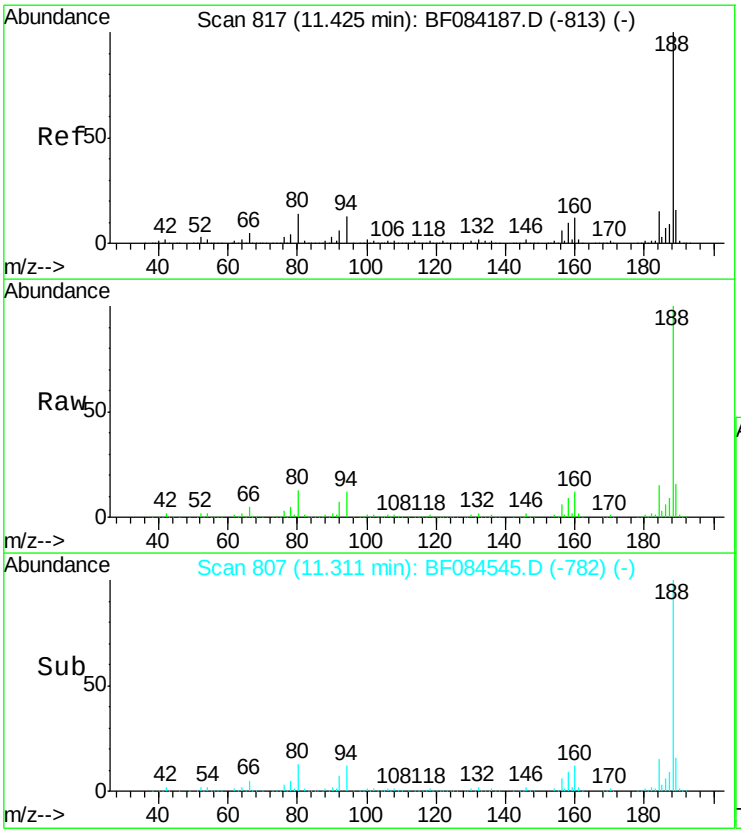
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:165 Resp: 62446

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

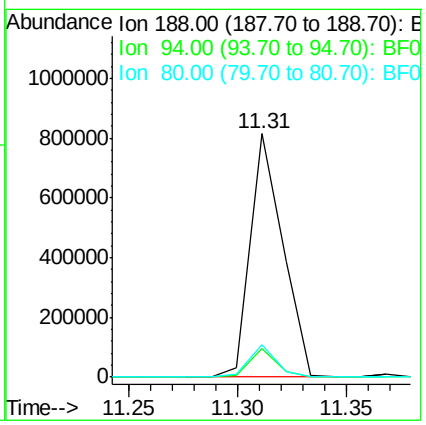


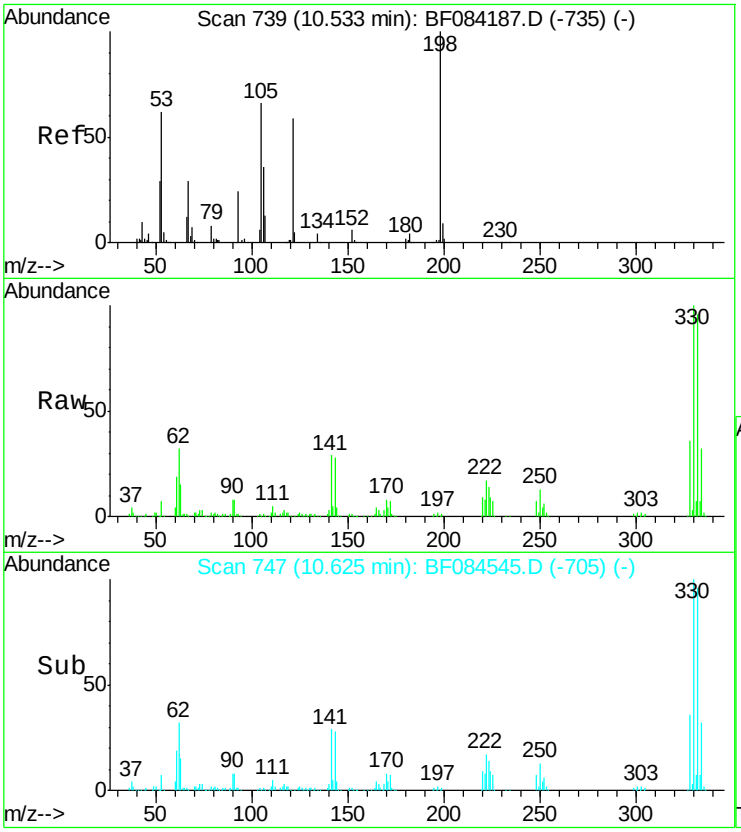


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:188 Resp: 850866

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.4
80	13.2	9.6	14.4



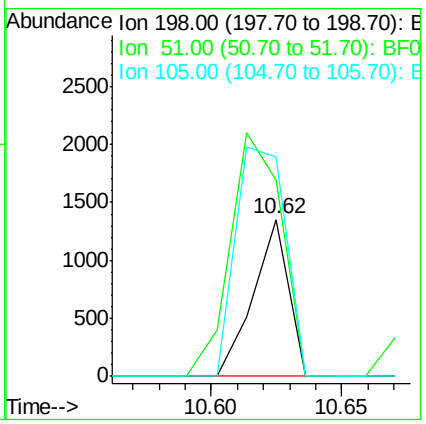


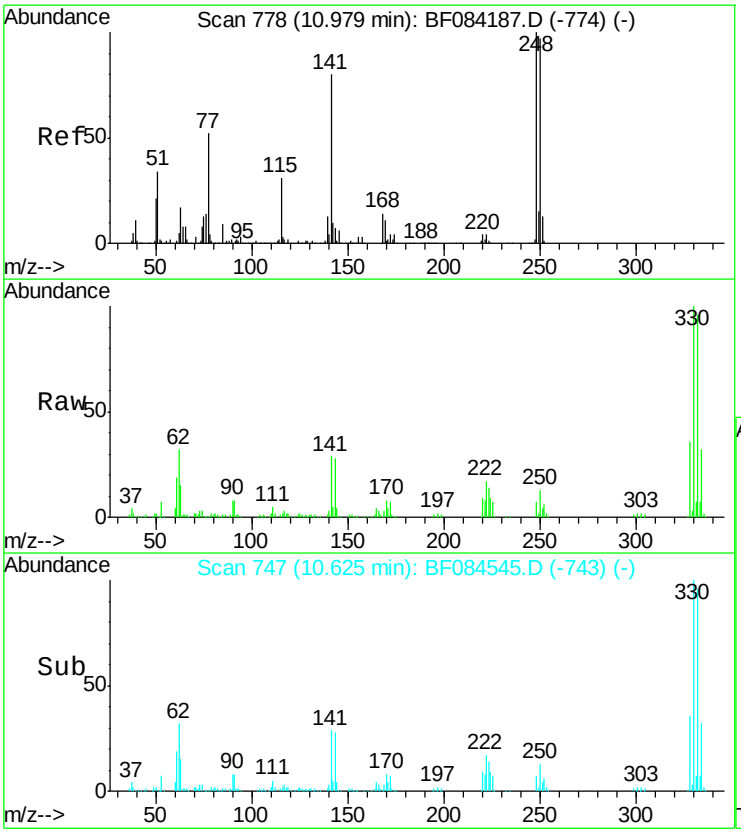
#64
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.18 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:198 Resp: 1278

Ion	Ratio	Lower	Upper
198	100		
51	125.6	18.9	58.9#
105	139.5	26.4	66.4#

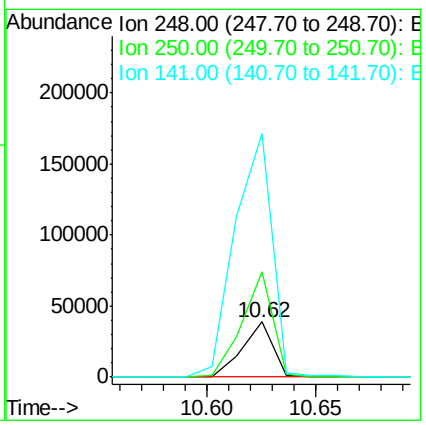


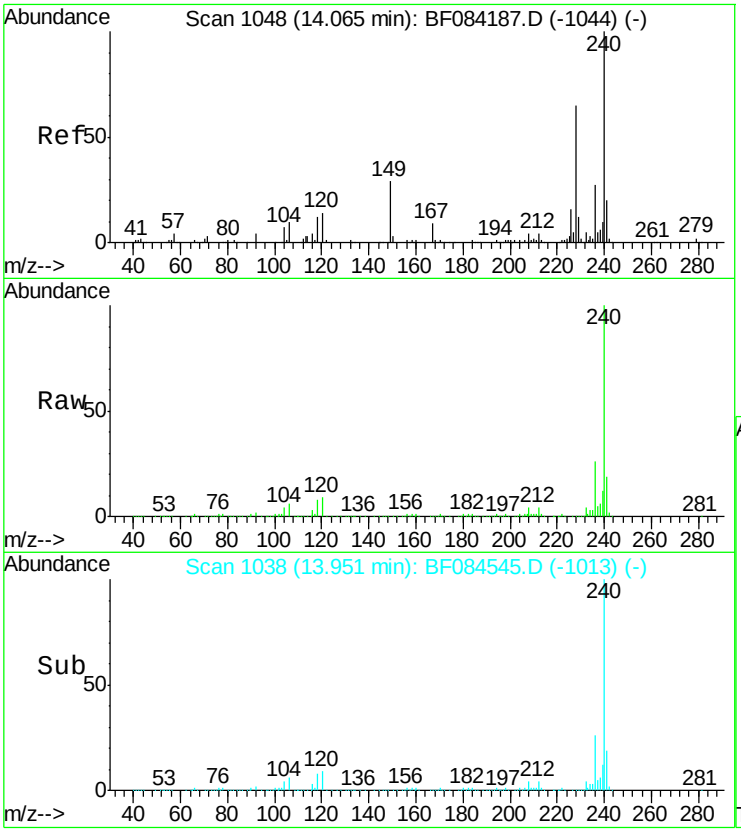


#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:248 Resp: 37801

Ion	Ratio	Lower	Upper
248	100		
250	191.4	78.4	117.6#
141	441.5	44.0	66.0#



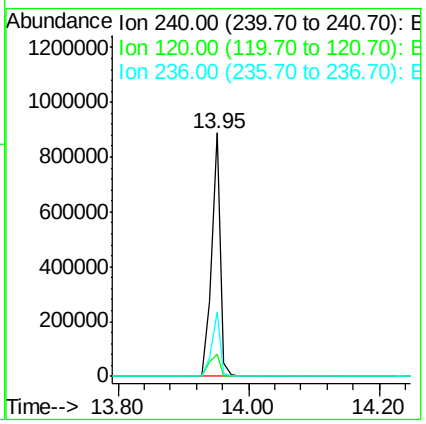


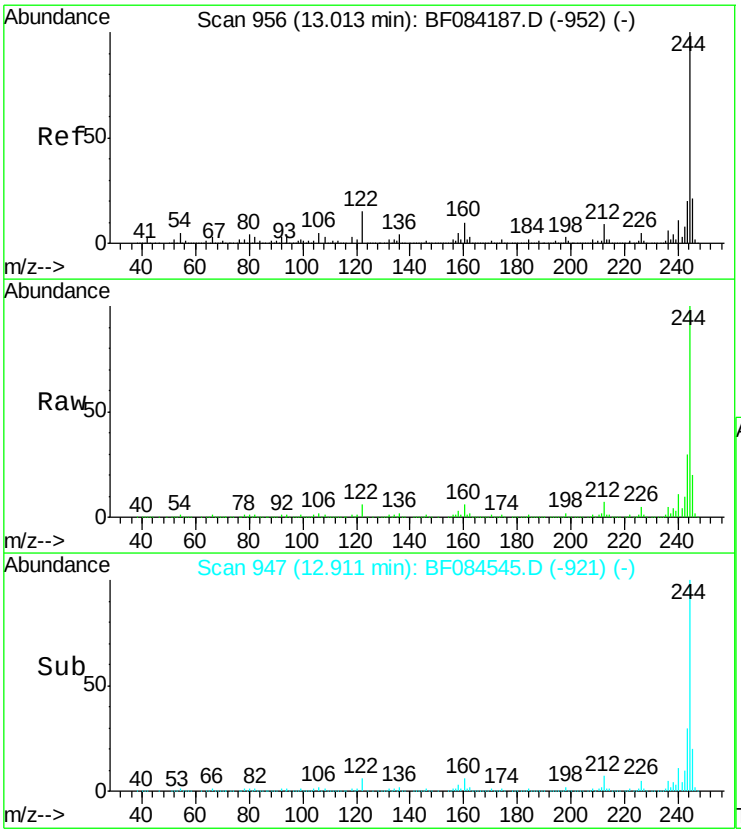
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:240 Resp: 842139

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.3	20.6	31.0

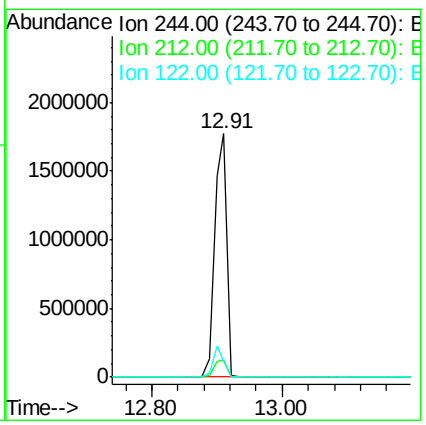


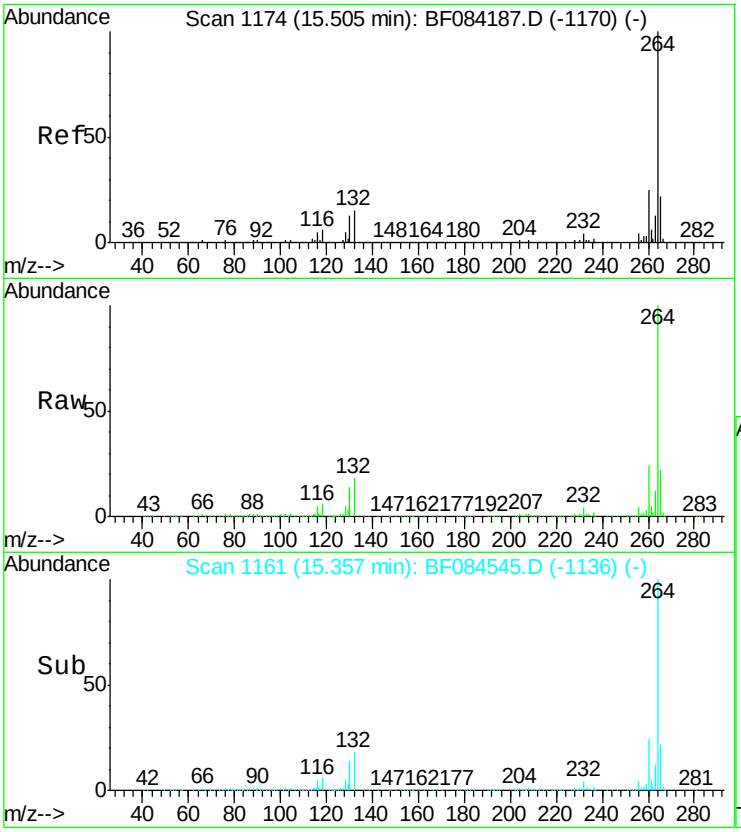


#78
Terphenyl-d14
Concen: 61.82 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Tgt Ion:244 Resp: 2332345

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	6.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF084545.D
Acq: 19 Jan 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:264 Resp: 594531

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.8	26.6