Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083942.D
Acq On : 19 Dec 2015 5:11
Operator : UM/SJ
Sample : G4840-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-03

Quant Time: Dec 19 05:46:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69434	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	286263	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	143294	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	212399	20.00	ng	0.00
75) Chrysene-d12	14.02	240	138850	20.00	ng	-0.01
86) Perylene-d12	15.46	264	129621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	286695	64.62	ng	0.00
7) Phenol-d6	6.51	99	215284	39.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	481196	95.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	131307	83.18	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	909278	89.92	ng	-0.01
78) Terphenyl-d14	12.98	244	796504	138.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	11757	3.59	ng	# 82
14) 1,2-Dichlorobenzene	7.04	146	654	Below Cal		# 81
15) Benzyl Alcohol	7.02	79	9003	2.19	ng	# 45
19) n-Nitroso-di-n-propylamine	7.42	70	65134	20.57	ng	# 77
25) Isophorone	7.42	82	441063	46.74	ng	# 66
31) Naphthalene	8.18	128	3066	Below Cal		# 2
36) 4-Chloro-3-methylphenol	8.76	107	226	Below Cal		# 20
45) 1,1'-Biphenyl	9.23	154	1984	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.90	165	20133	7.68	ng	# 38
56) 2,4-Dinitrotoluene	9.90	165	20381	6.06	ng	# 22
57) Fluorene	10.45	166	284	Below Cal		# 79
64) 4,6-Dinitro-2-methylphenol	10.41	198	536	4.31	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	10088	3.88	ng	# 1
77) Pyrene	12.97	202	2746	Below Cal		# 63

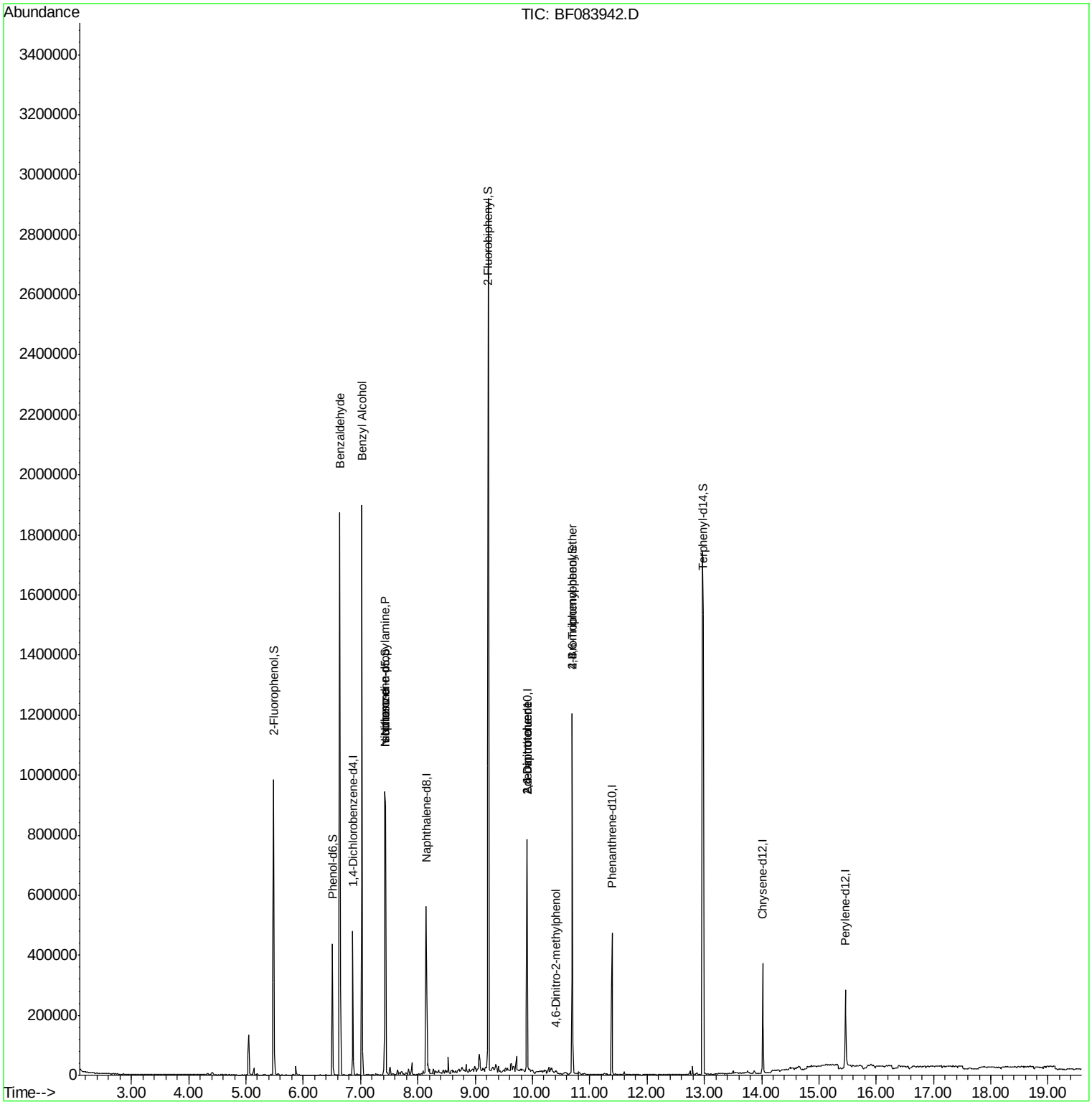
(#) = qualifier out of range (m) = manual integration (+) = signals summed

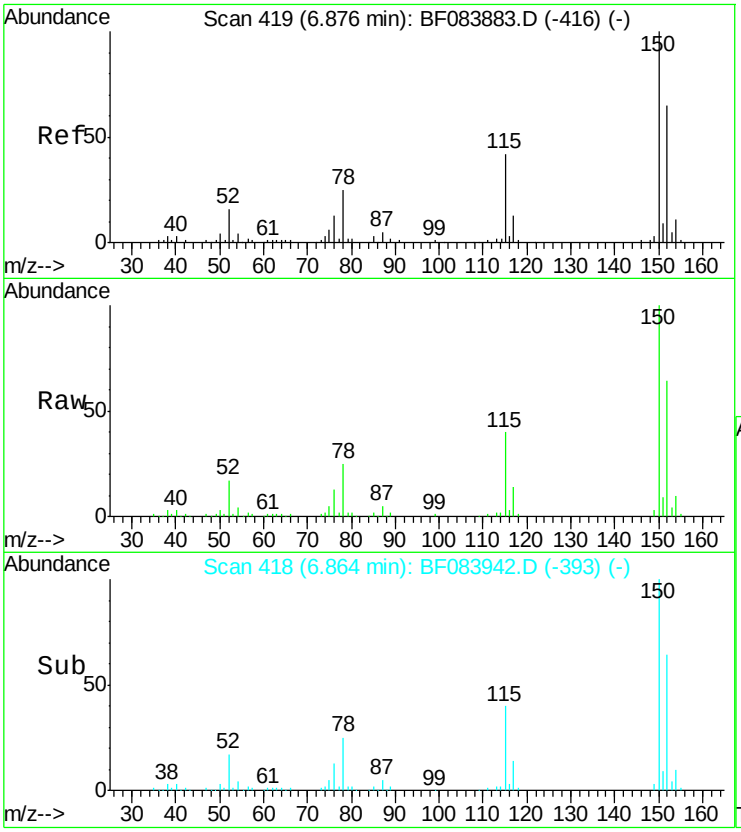
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083942.D
Acq On : 19 Dec 2015 5:11
Operator : UM/SJ
Sample : G4840-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-03

Quant Time: Dec 19 05:46:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



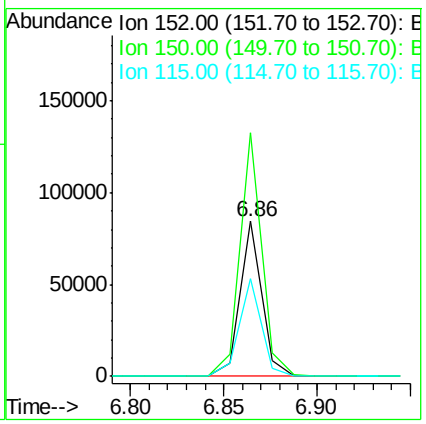


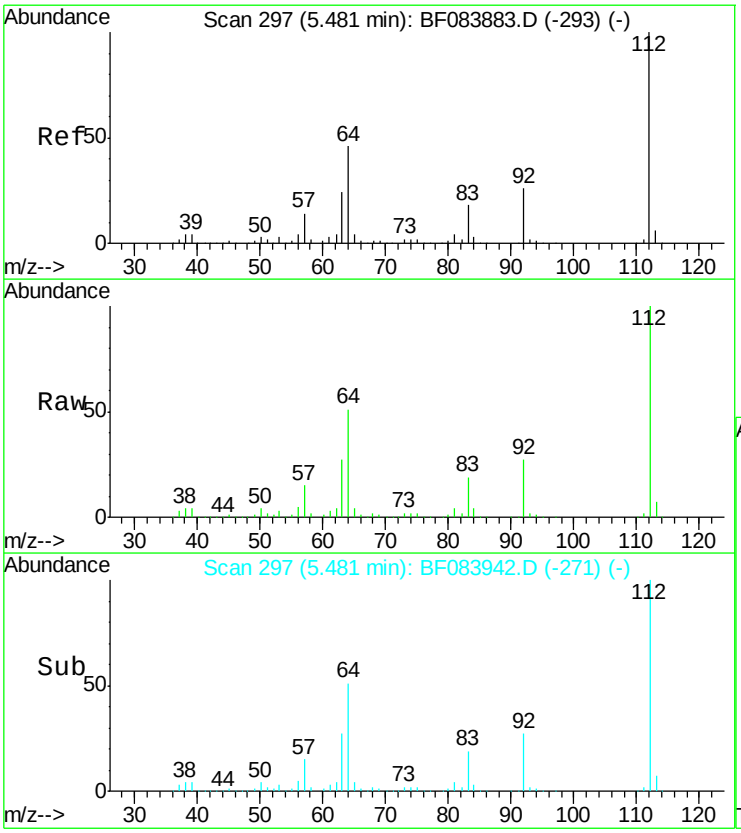
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:152 Resp: 69434

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	62.7	51.4	77.2

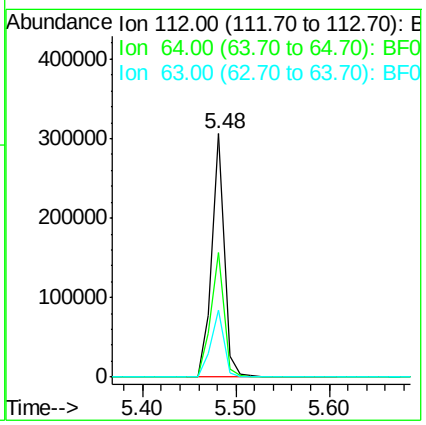


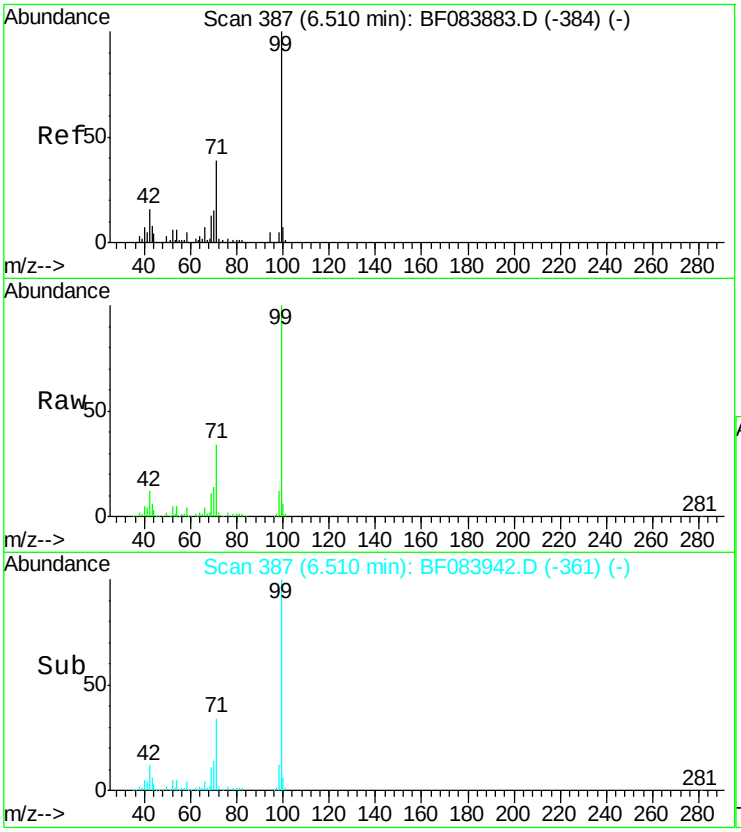


#5
2-Fluorophenol
Concen: 64.62 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:112 Resp: 286695

Ion	Ratio	Lower	Upper
112	100		
64	51.1	36.6	55.0
63	27.3	19.4	29.0



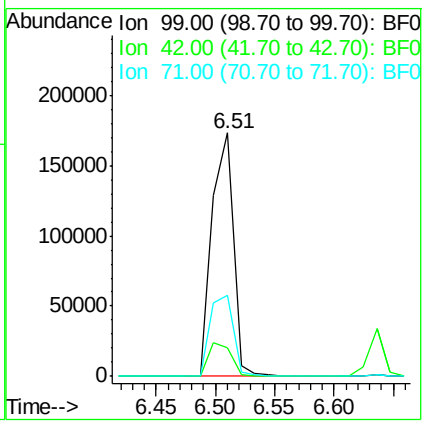


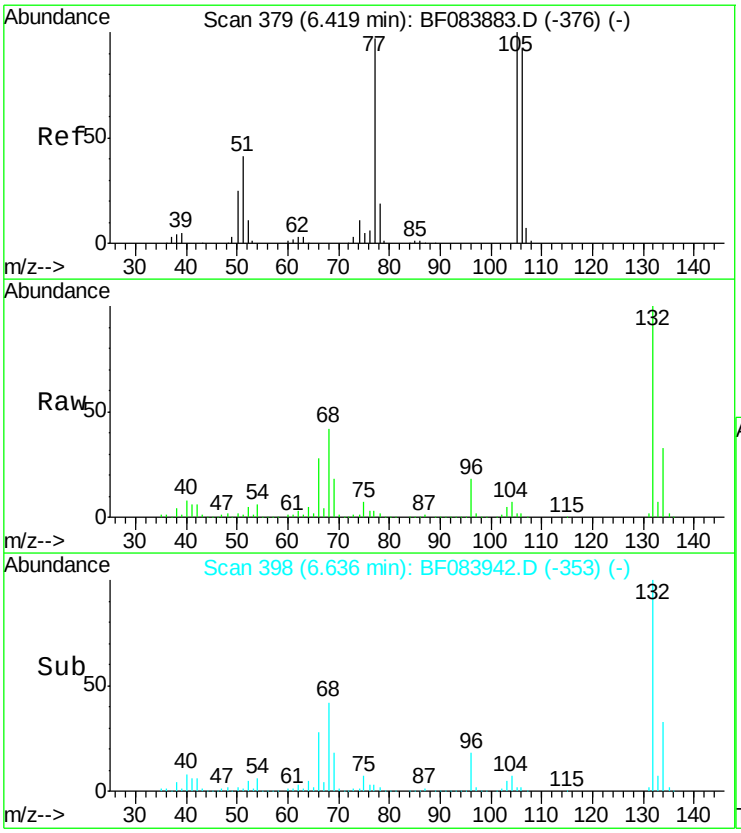
#7
Phenol-d6
Concen: 39.64 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion: 99 Resp: 215284

Ion	Ratio	Lower	Upper
99	100		
42	11.6	12.8	19.2#
71	33.5	30.9	46.3

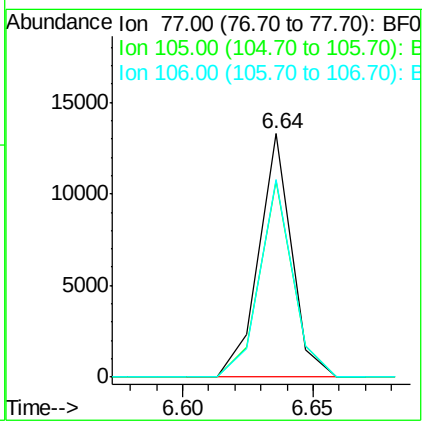


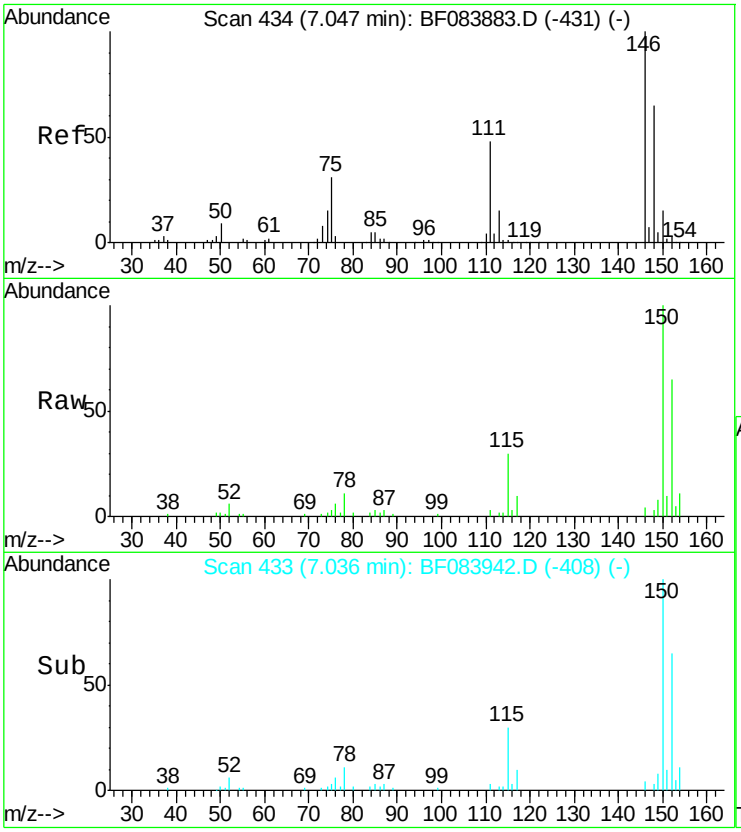


#9
Benzaldehyde
Concen: 3.59 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.22 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion: 77 Resp: 11757

Ion	Ratio	Lower	Upper
77	100		
105	80.4	83.0	123.0#
106	80.9	74.6	114.6



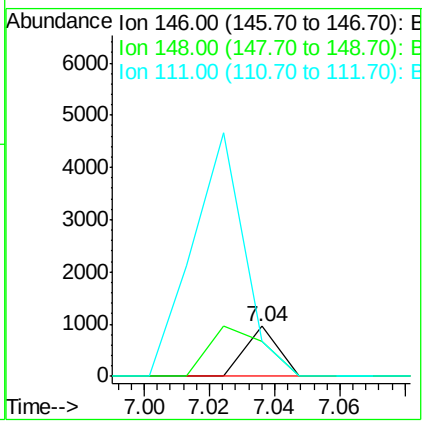


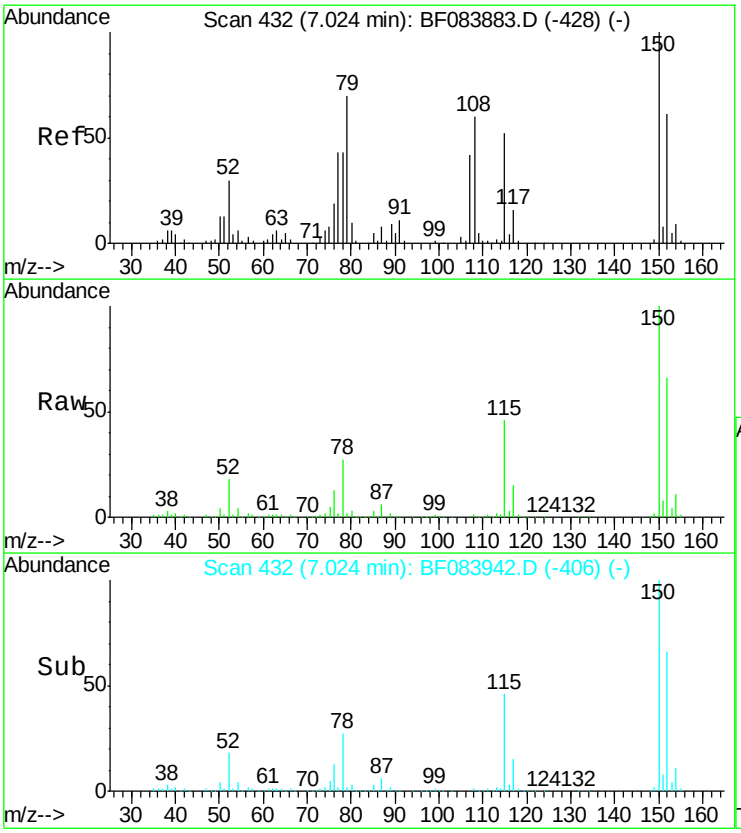
#14
1,2-Dichlorobenzene
Concen: Below Cal
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:146 Resp: 654

Ion	Ratio	Lower	Upper
146	100		
148	69.2	51.6	77.4
111	71.4	38.0	57.0#

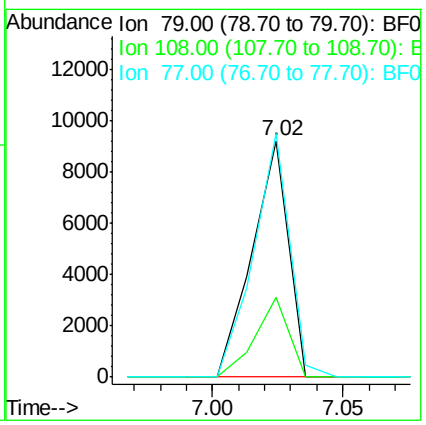


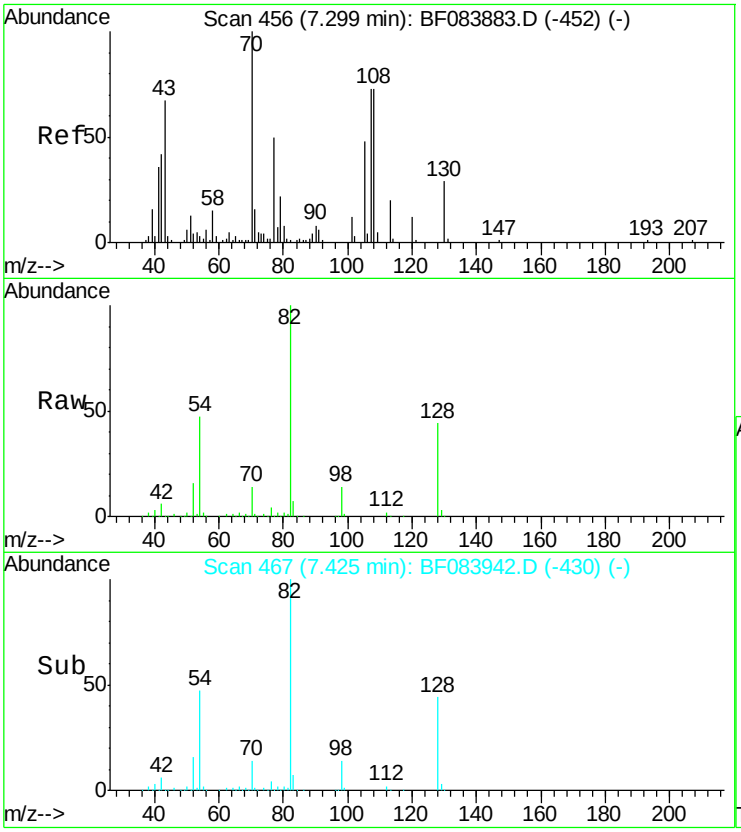


#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion: 79 Resp: 9003

Ion	Ratio	Lower	Upper
79	100		
108	33.6	69.0	103.4#
77	103.0	50.0	75.0#



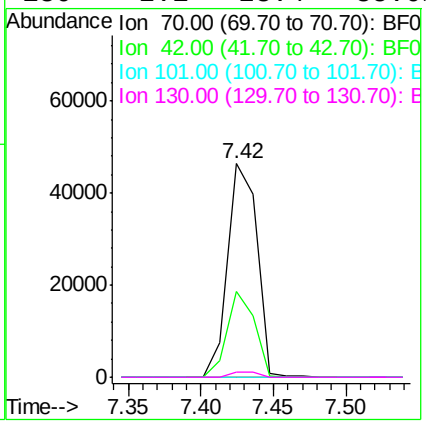


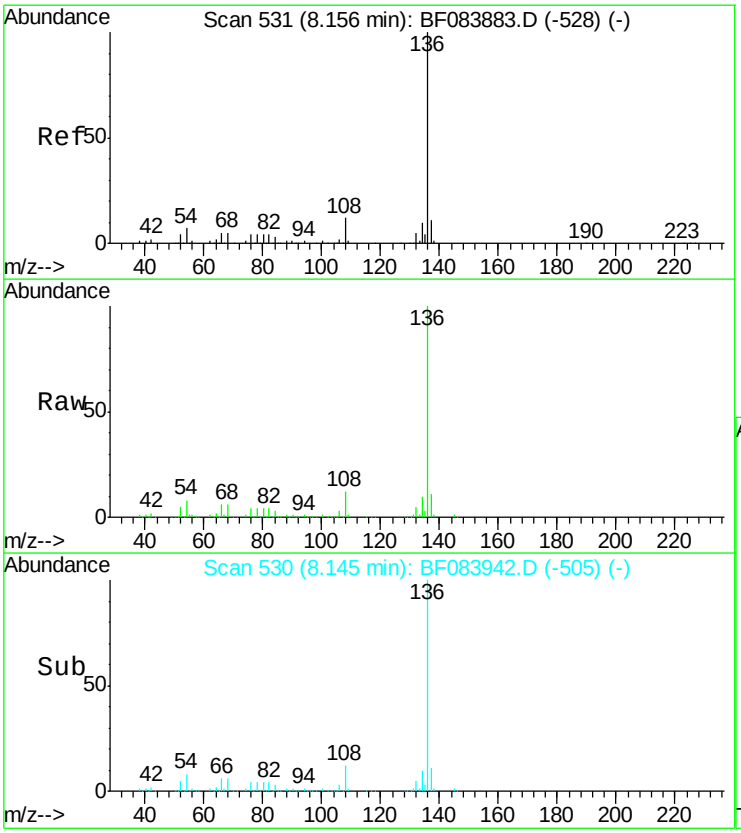
#19
n-Nitroso-di-n-propylamine
Concen: 20.57 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion: 70 Resp: 65134

Ion	Ratio	Lower	Upper
70	100		
42	40.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

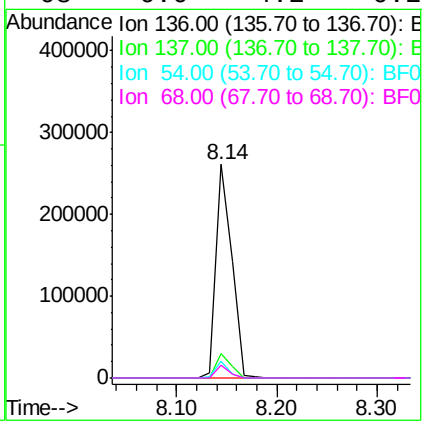


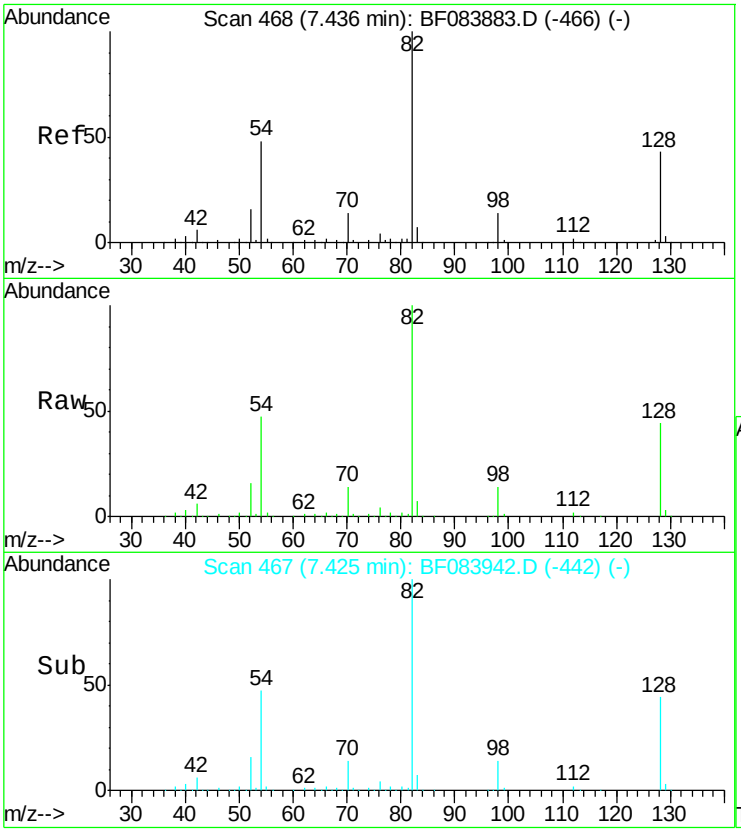


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:136 Resp: 286263

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.0	5.8	8.8
68	6.0	4.2	6.2



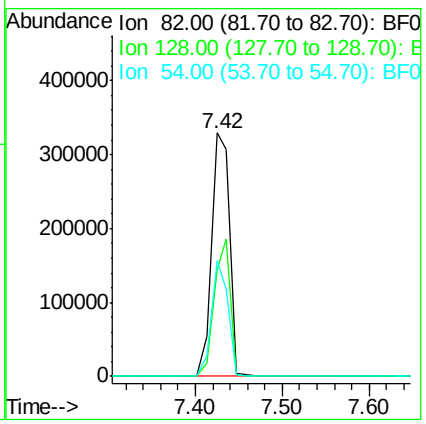


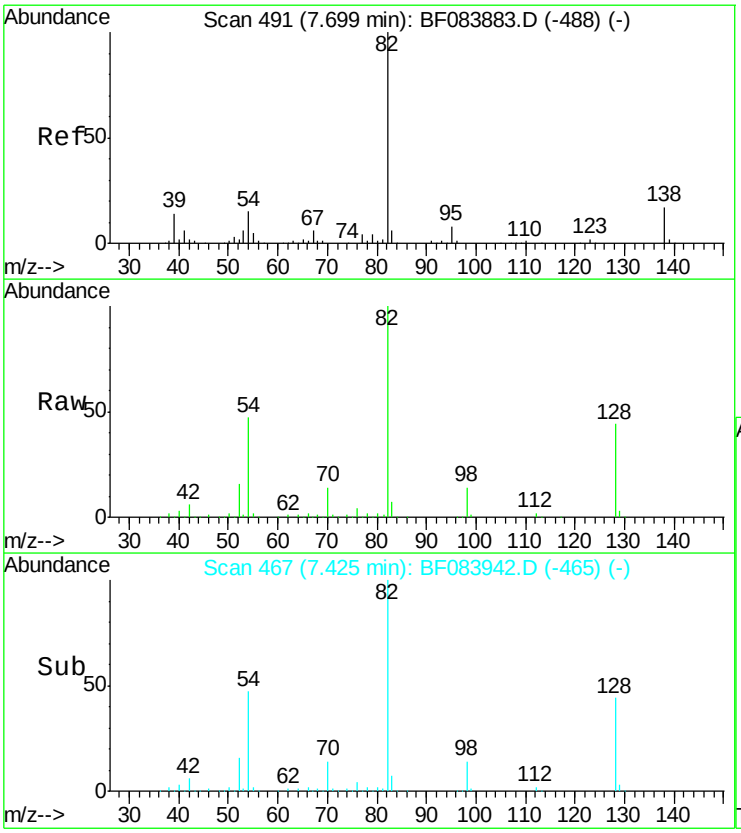
#23
Nitrobenzene-d5
Concen: 95.94 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion: 82 Resp: 481196

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	47.3	38.4	57.6

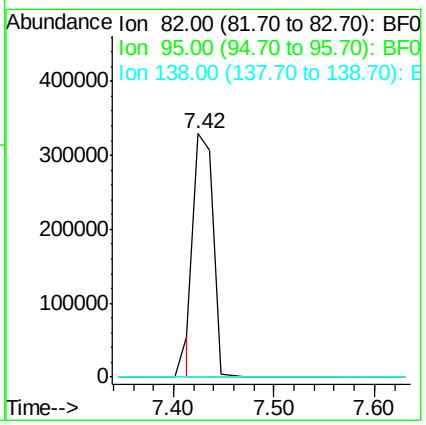


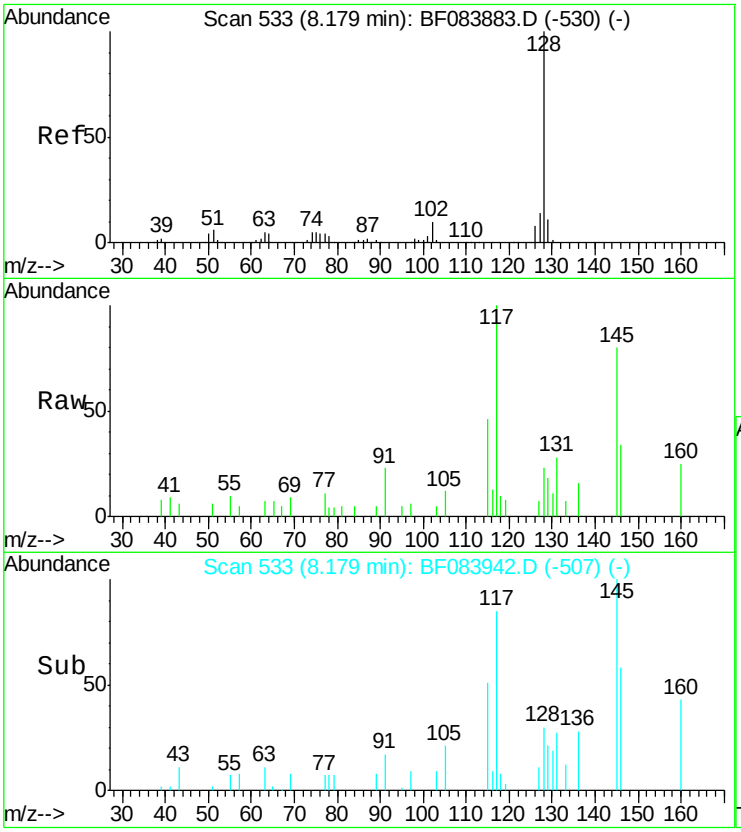


#25
Isophorone
Concen: 46.74 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.27 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion: 82 Resp: 441063

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



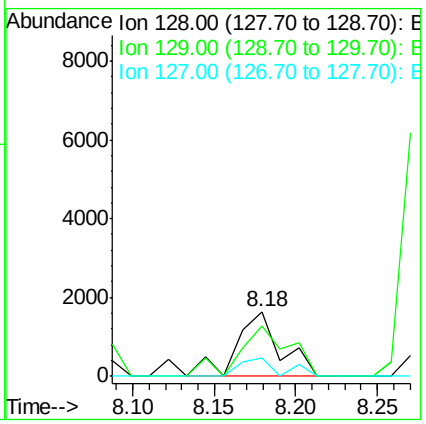


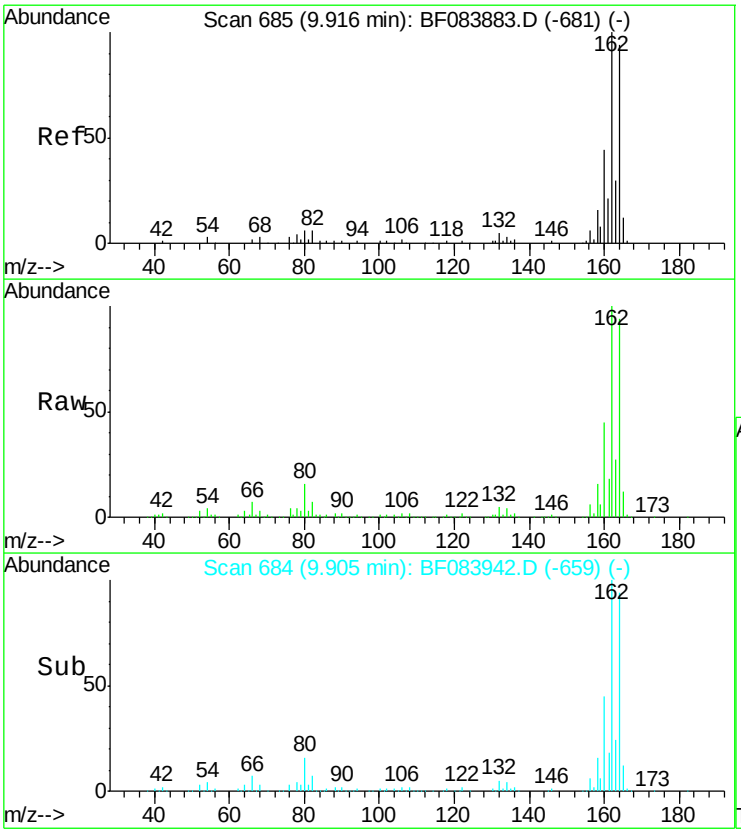
#31
Naphthalene
Concen: Below Cal
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:128 Resp: 3066

Ion	Ratio	Lower	Upper
128	100		
129	77.6	9.1	13.7#
127	29.2	11.1	16.7#

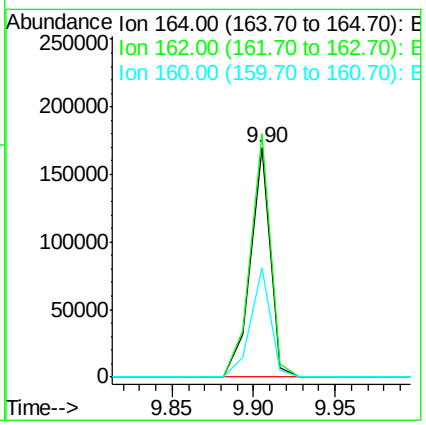


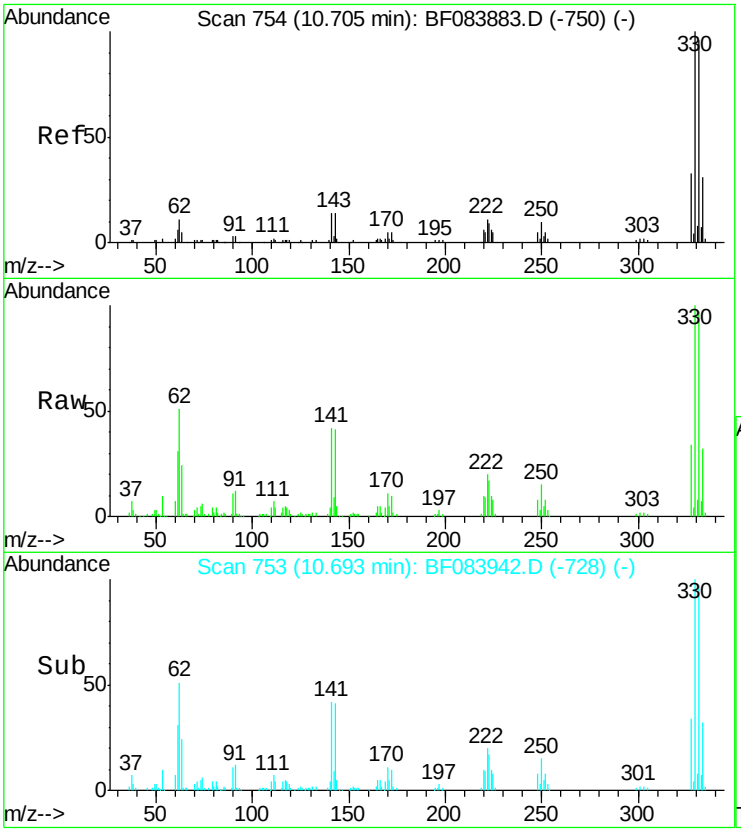


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:164 Resp: 143294

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	47.5	37.5	56.3



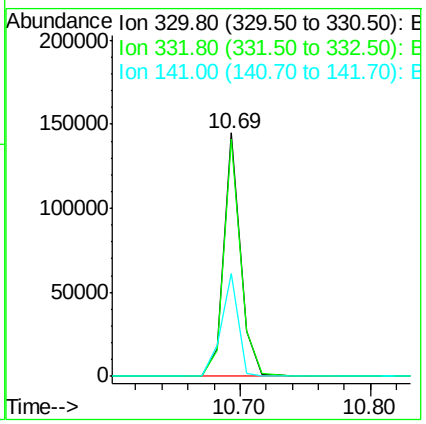


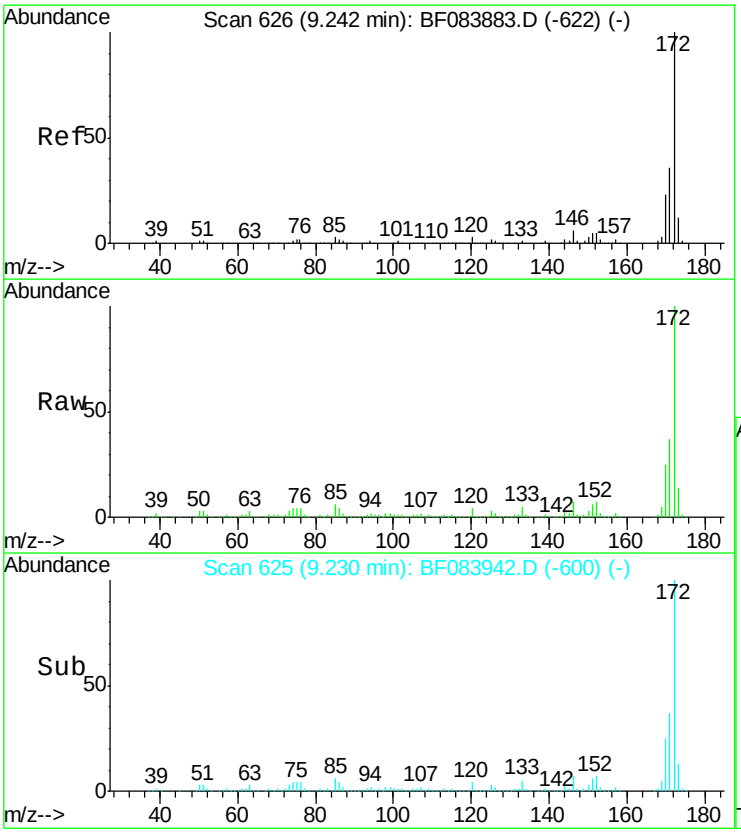
#41
2,4,6-Tribromophenol
Concen: 83.18 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:330 Resp: 131307

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	43.4	27.8	41.6#

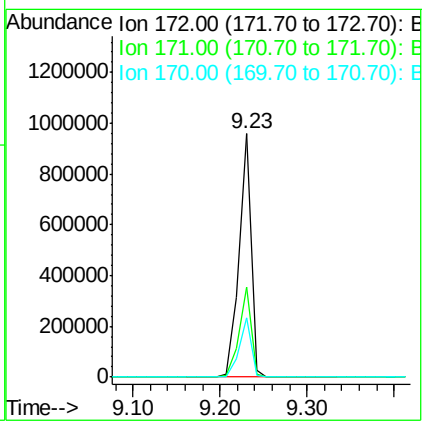


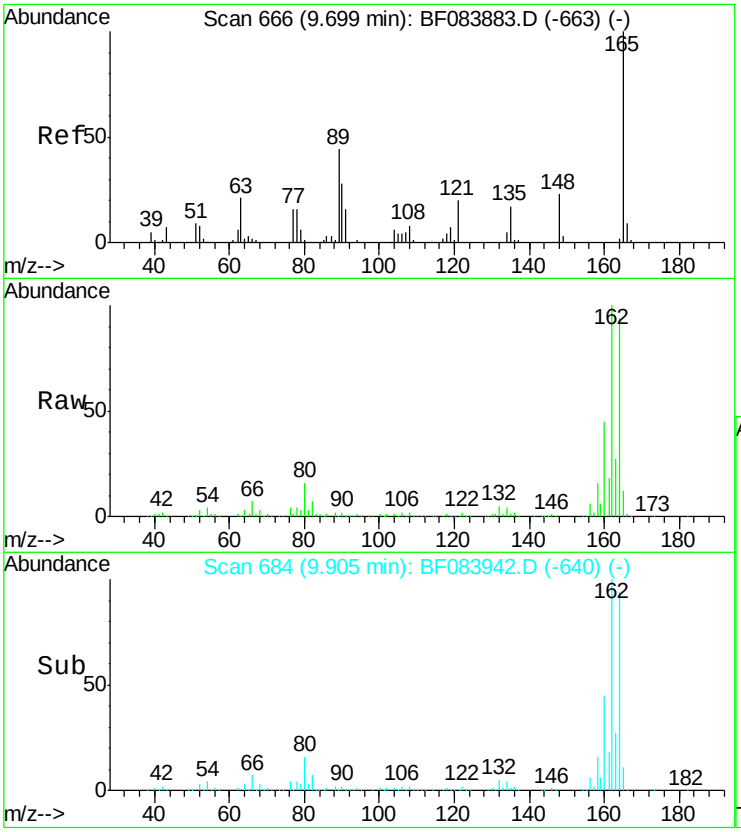


#44
2-Fluorobiphenyl
Concen: 89.92 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:172 Resp: 909278

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	24.5	18.6	27.8



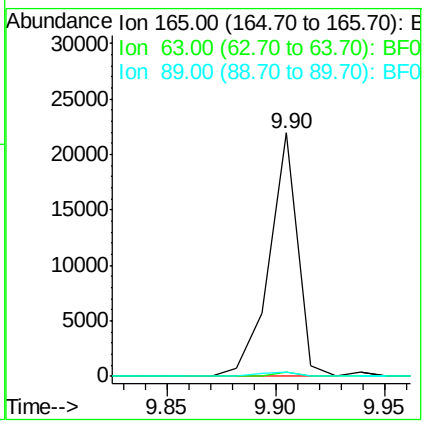


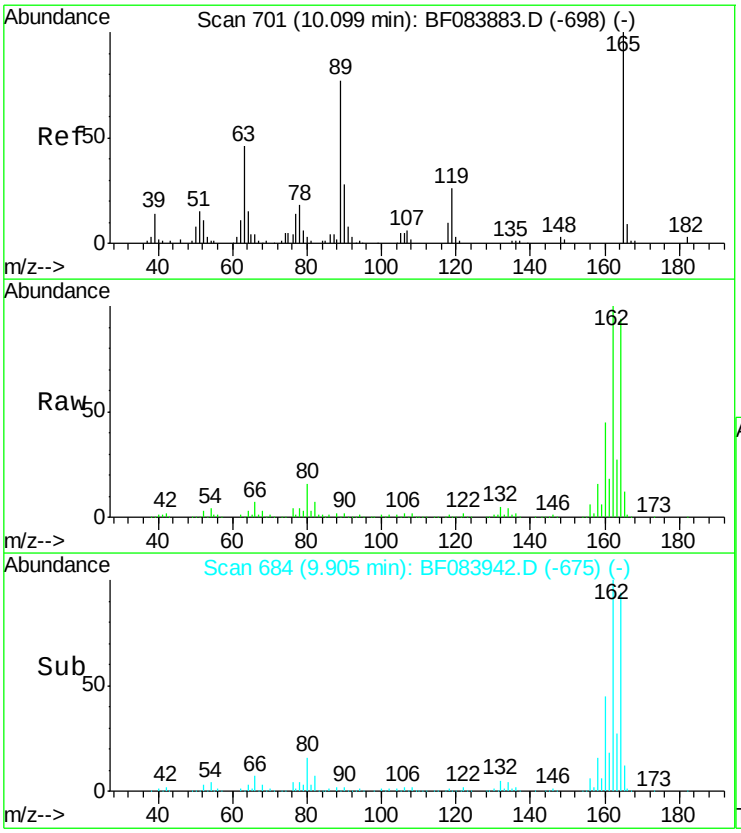
#50
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:165 Resp: 20133

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	2.0	35.1	52.7#

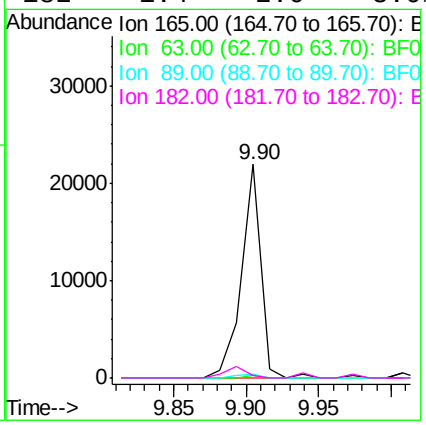


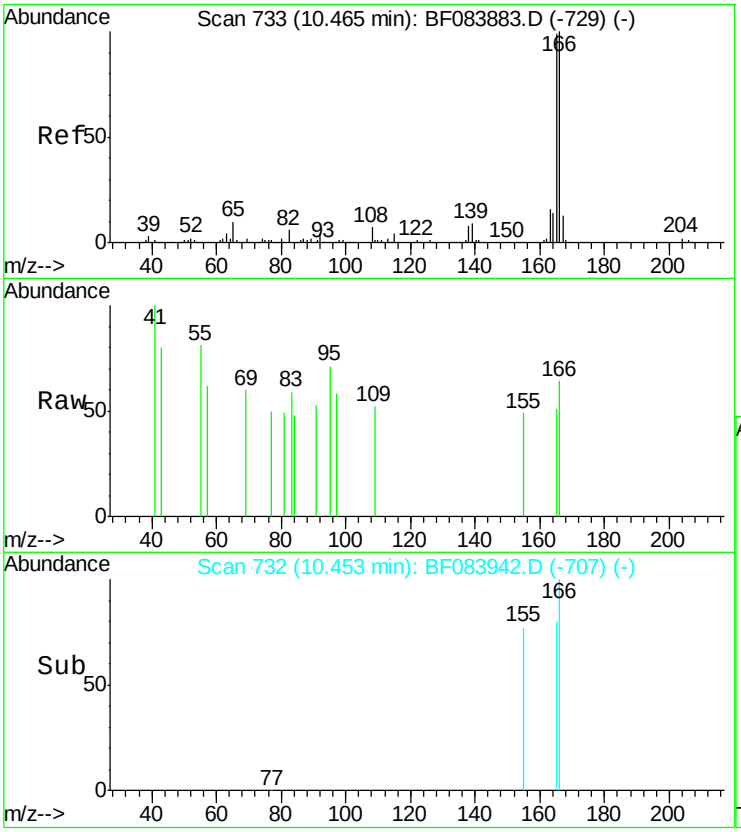


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:165 Resp: 20381

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	2.0	61.9	92.9#
182	1.4	2.0	3.0#



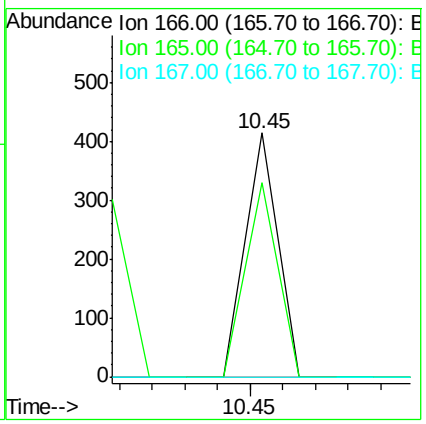


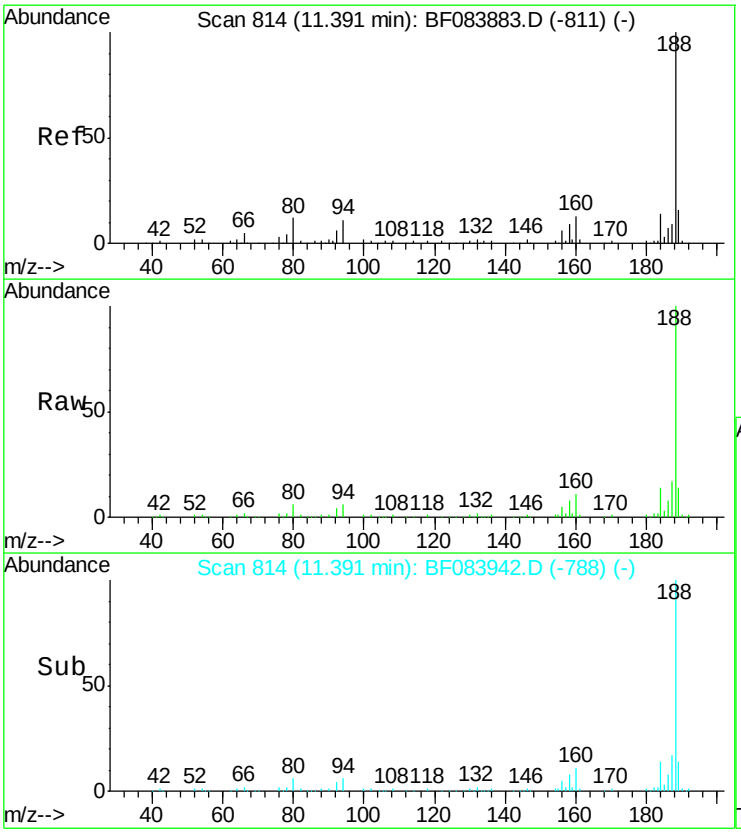
#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:166 Resp: 284

Ion	Ratio	Lower	Upper
166	100		
165	79.7	79.1	118.7
167	0.0	10.4	15.6#

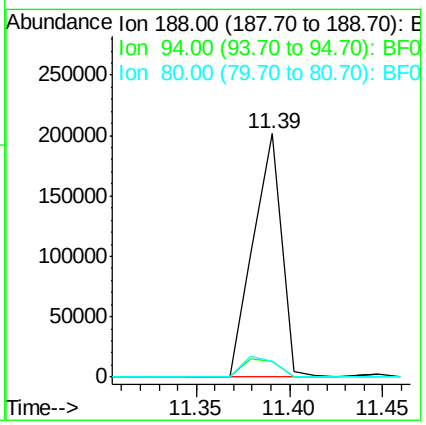


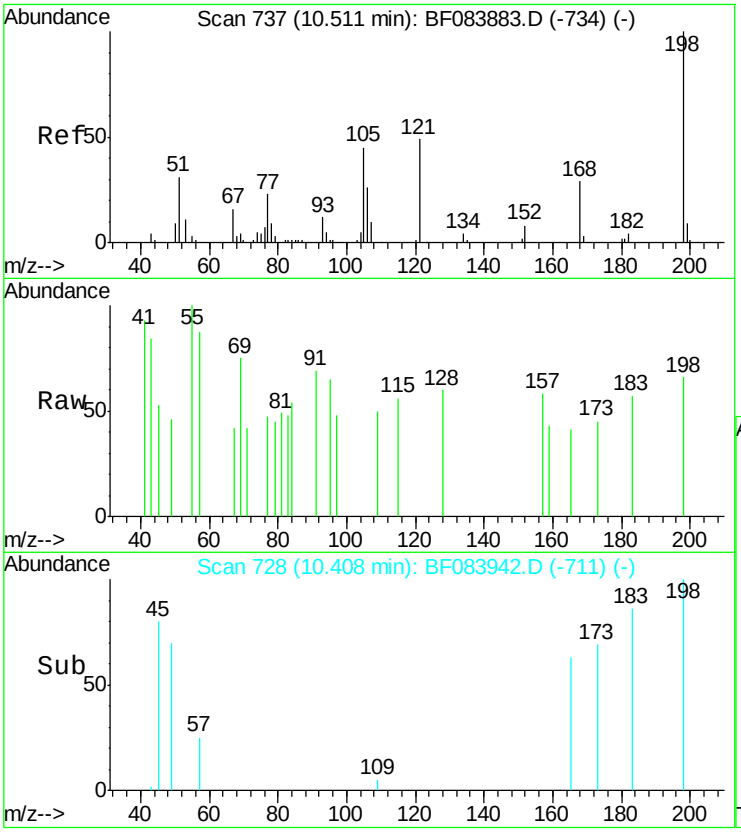


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:188 Resp: 212399

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.4	9.6	14.4#



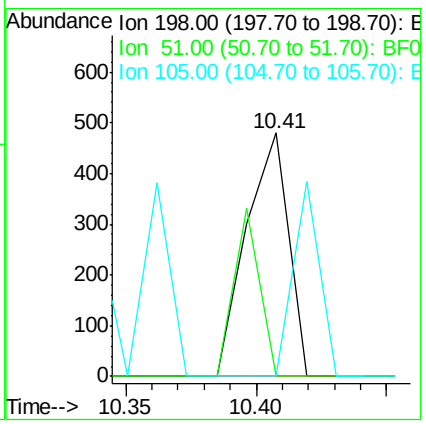


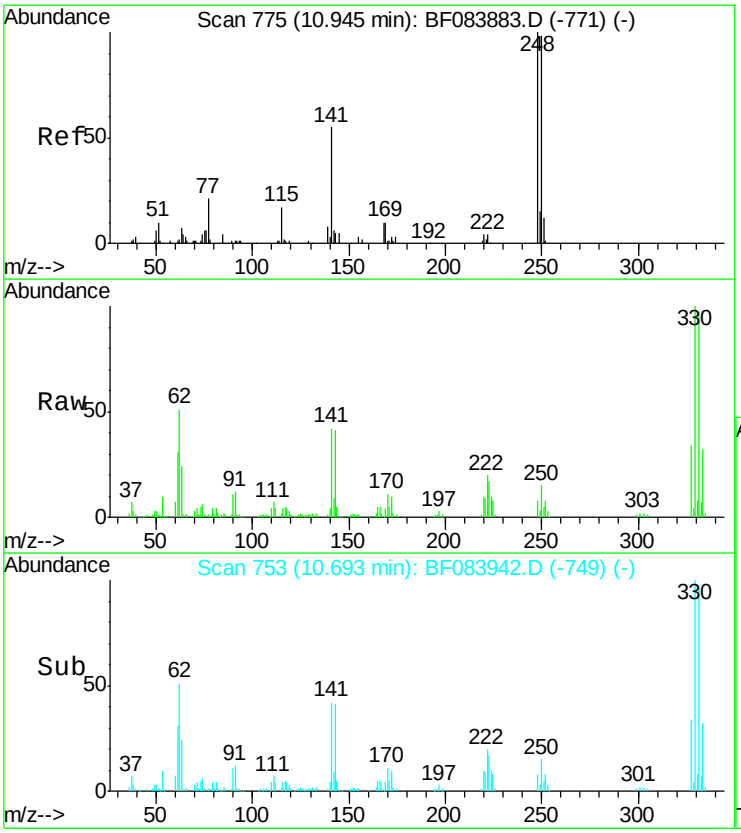
#64
4,6-Dinitro-2-methylphenol
Concen: 4.31 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.10 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:198 Resp: 536

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.9	58.9#
105	0.0	26.4	66.4#

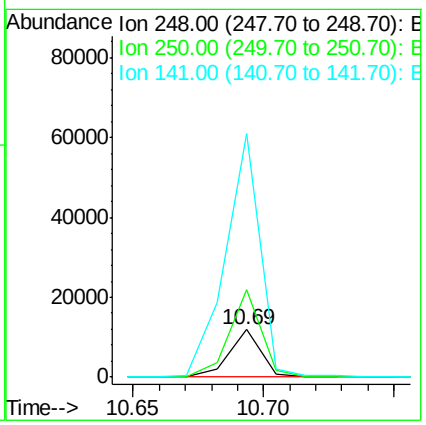


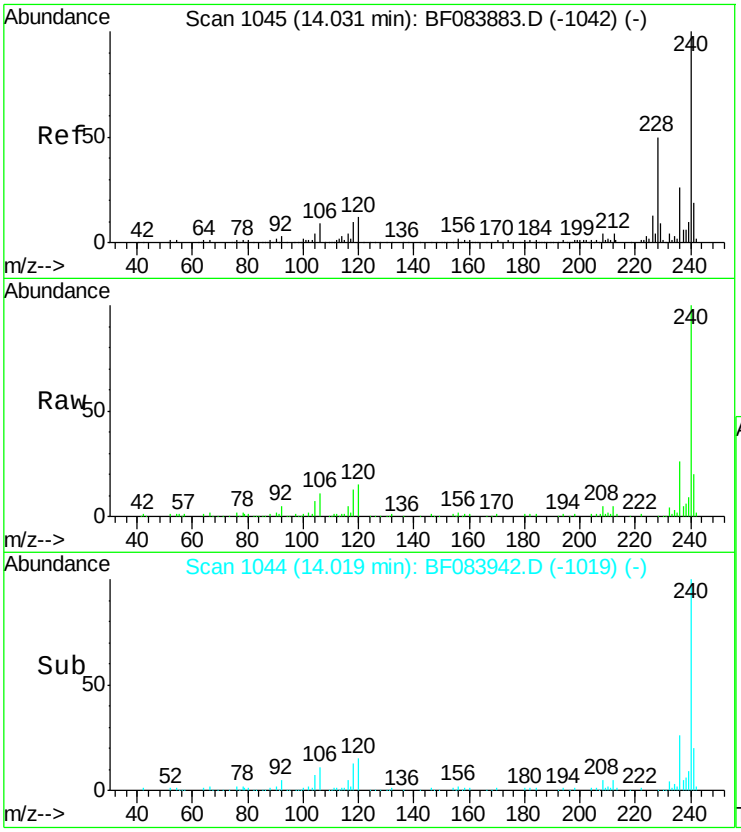


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:248 Resp: 10088

Ion	Ratio	Lower	Upper
248	100		
250	184.9	78.4	117.6#
141	513.3	44.0	66.0#



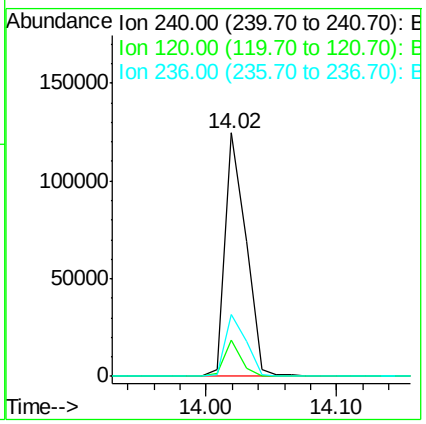


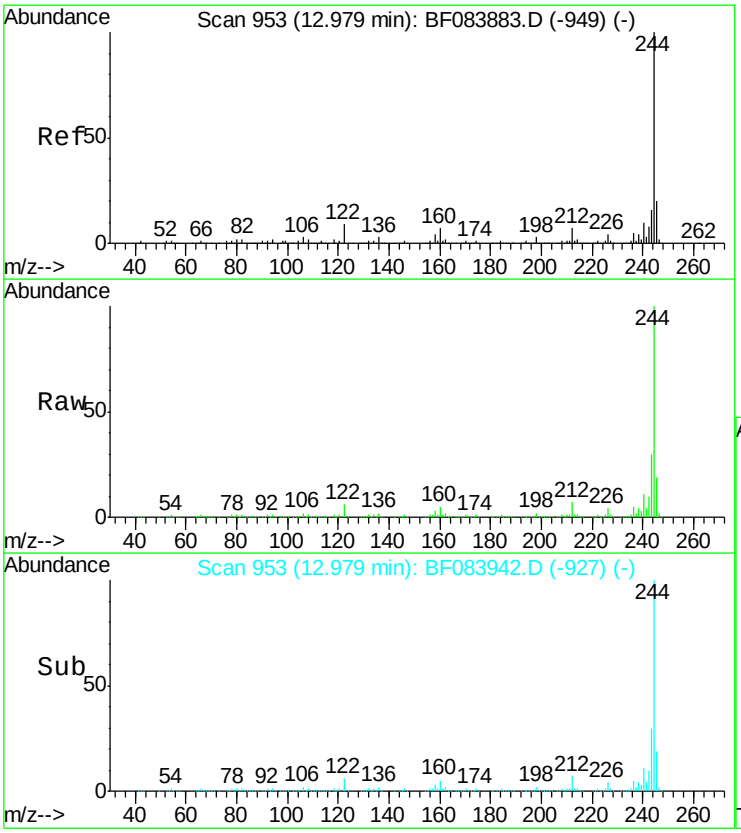
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:240 Resp: 138850

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	25.6	20.6	31.0

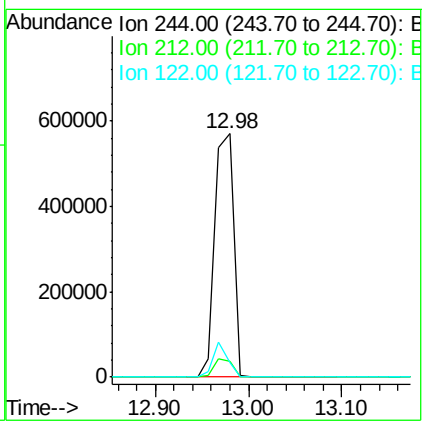


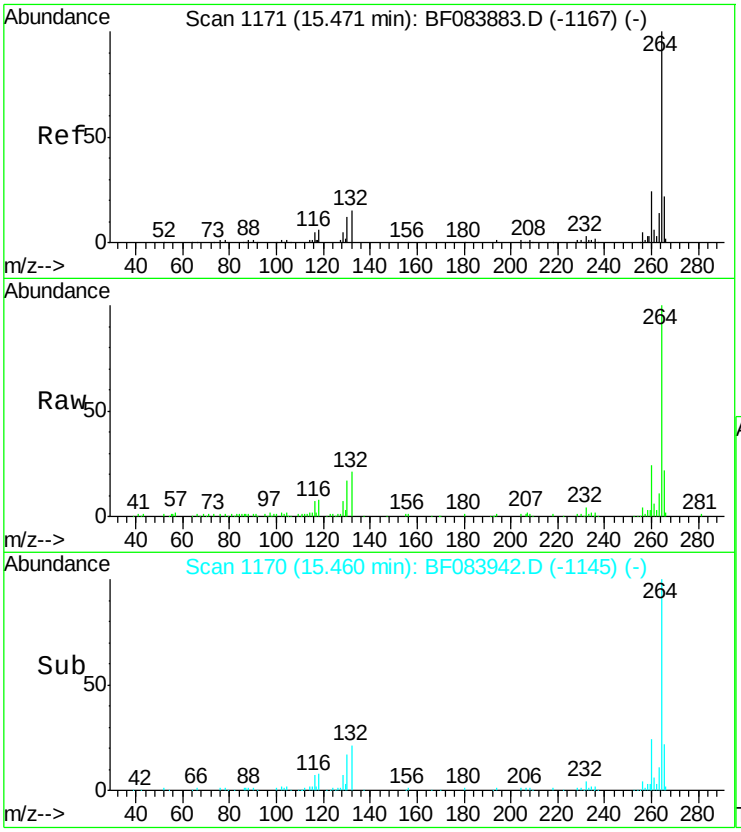


#78
Terphenyl-d14
Concen: 138.03 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Tgt Ion:244 Resp: 796504

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	6.1	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083942.D
Acq: 19 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
PW-03

Tgt Ion:264 Resp: 129621

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.8	26.6