Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082684.D
Acq On : 4 Nov 2015 5:08
Operator : UM/IZ
Sample : G4240-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07(22-24)

Quant Time: Nov 04 06:06:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197112	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	725336	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	367523	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	717539	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	548269	20.00	ng		-0.01
86) Perylene-d12	15.48	264	458764	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1078428	82.40	ng		0.01
7) Phenol-d6	6.51	99	1645061	94.62	ng		0.00
23) Nitrobenzene-d5	7.44	82	995883	56.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	357075	88.78	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1360741	52.57	ng		-0.01
78) Terphenyl-d14	12.99	244	1310512	52.31	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	34896	2.94	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	140095	10.63	ng	#	71
49) Dimethylphthalate	9.63	163	334095	11.13	ng		98
56) 2,4-Dinitrotoluene	9.92	165	48532	5.77	ng	#	15
66) 4-Bromophenyl-phenylether	10.70	248	26941	3.31	ng	#	1

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

Quantitation Report (Not Reviewed)

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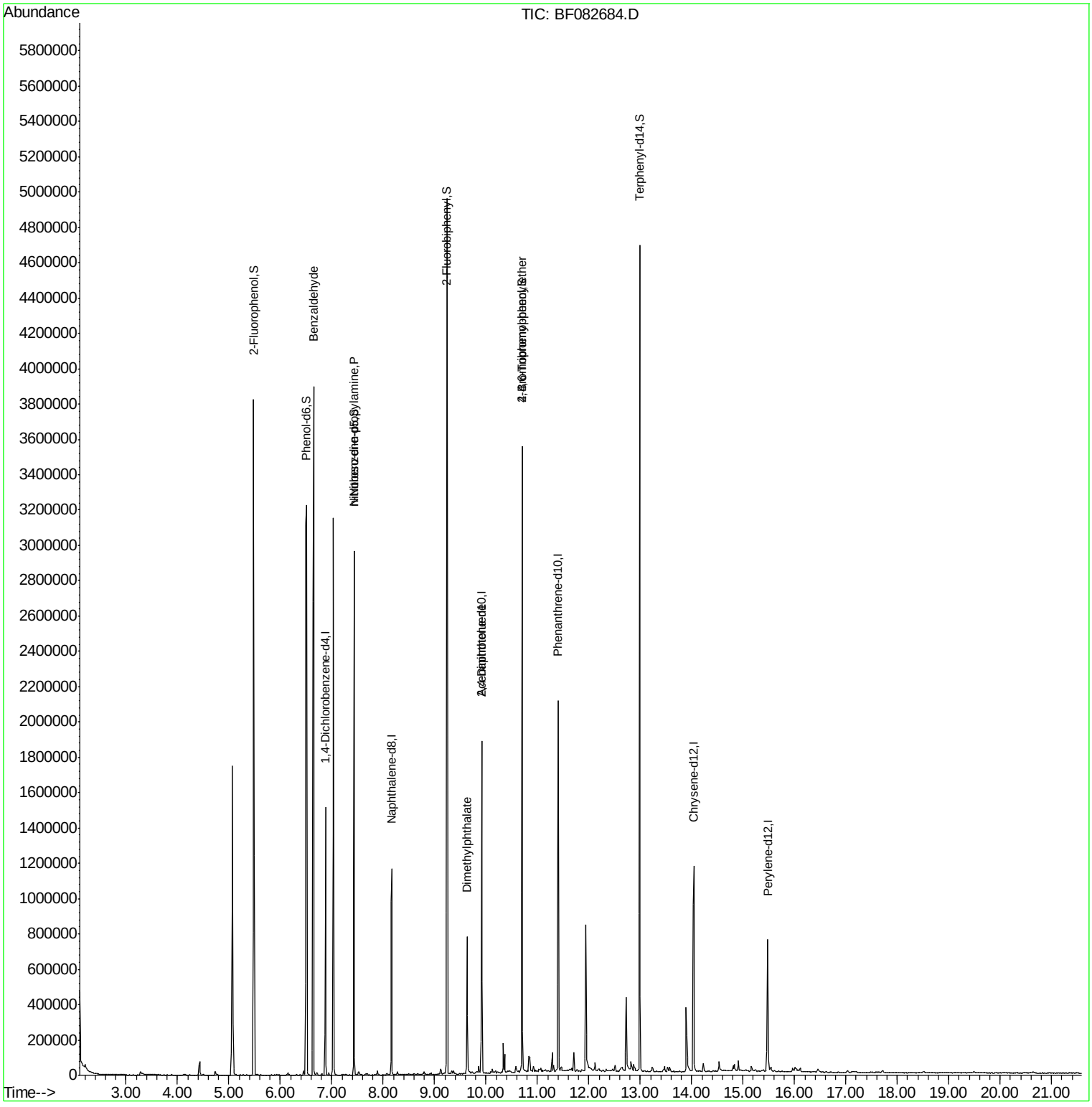
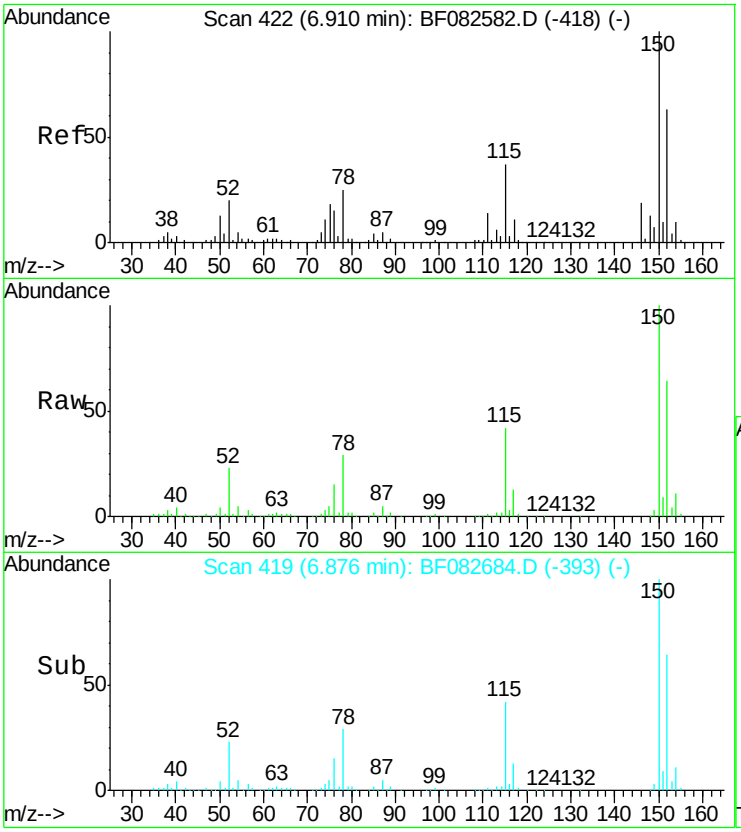


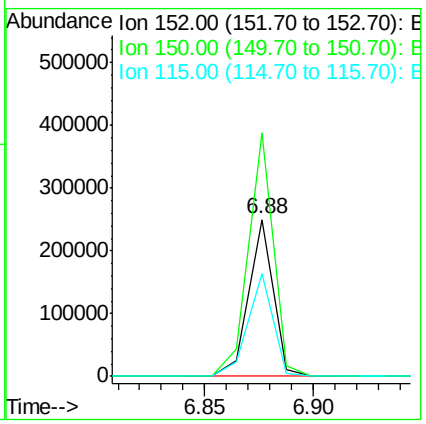


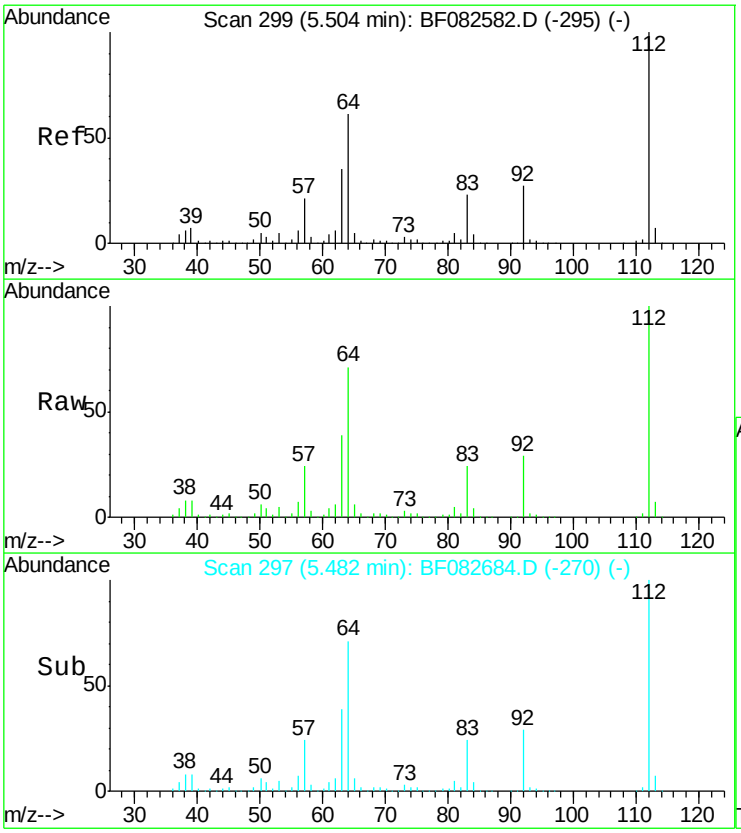
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:152 Resp: 197112

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.0	190.4
115	65.9	47.0	70.6

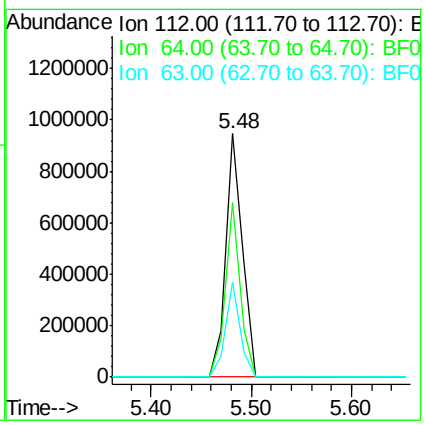


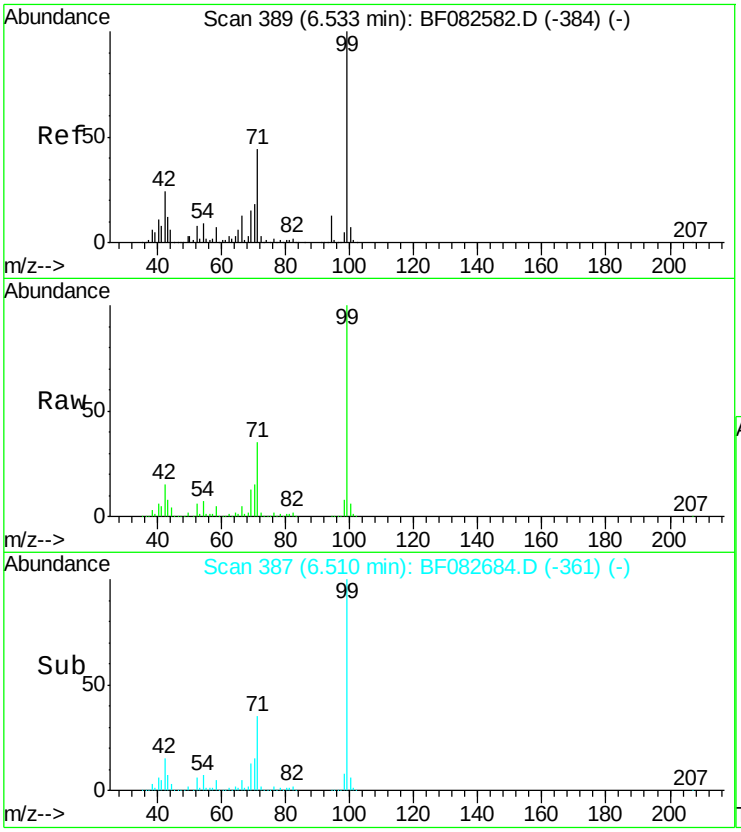


#5
2-Fluorophenol
Concen: 82.40 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:112 Resp: 1078428

Ion	Ratio	Lower	Upper
112	100		
64	71.5	48.9	73.3
63	38.8	28.1	42.1



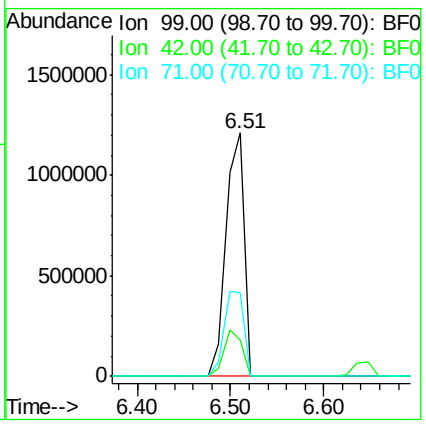


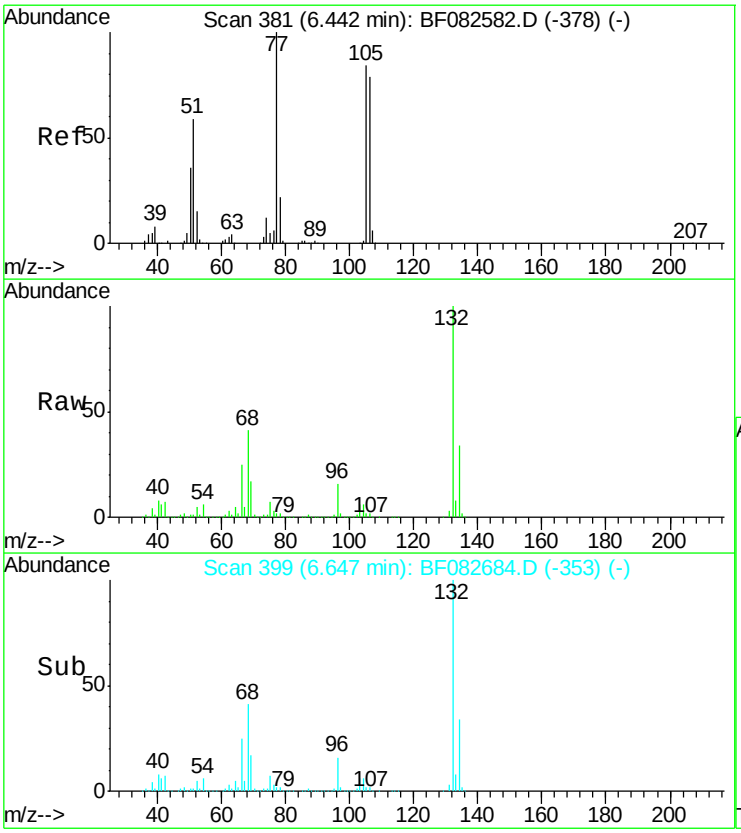
#7
Phenol-d6
Concen: 94.62 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion: 99 Resp: 1645061

Ion	Ratio	Lower	Upper
99	100		
42	14.9	19.2	28.8#
71	34.6	35.0	52.4#

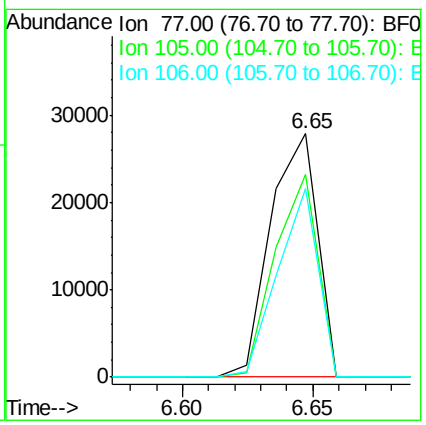


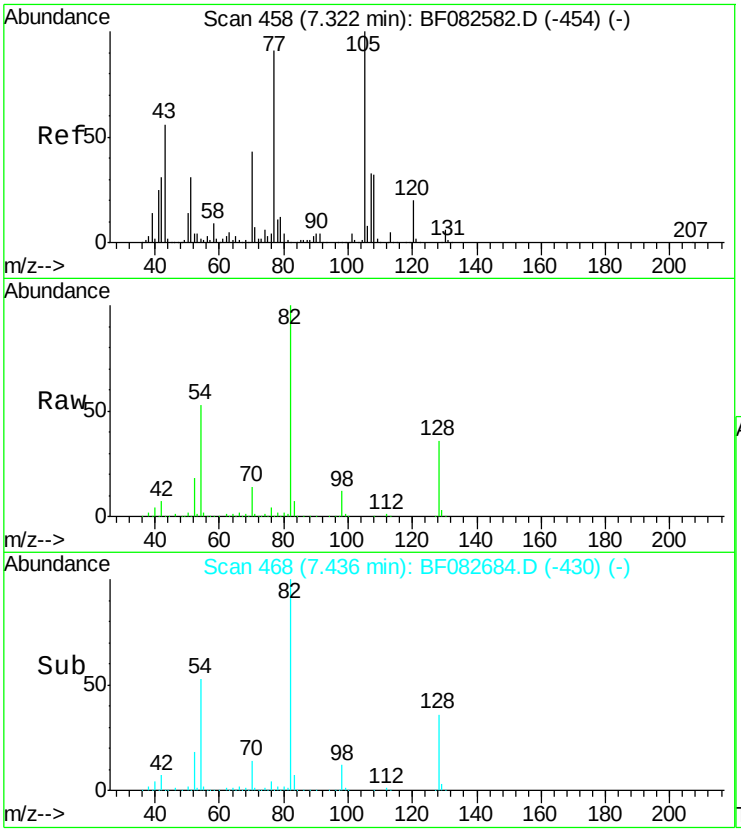


#9
Benzaldehyde
Concen: 2.94 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.23 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion: 77 Resp: 34896

Ion	Ratio	Lower	Upper
77	100		
105	83.2	63.5	103.5
106	77.5	59.3	99.3



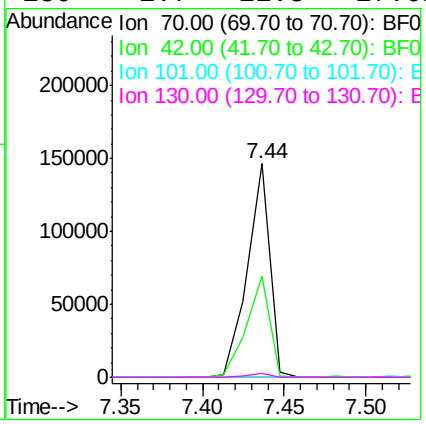


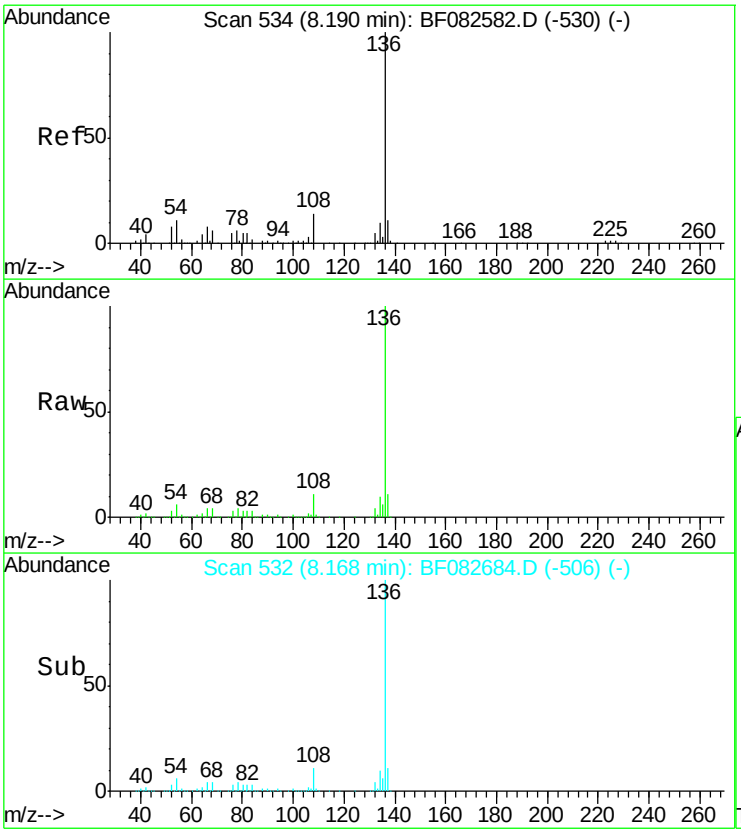
#19
n-Nitroso-di-n-propylamine
Concen: 10.63 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion: 70 Resp: 140095

Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#

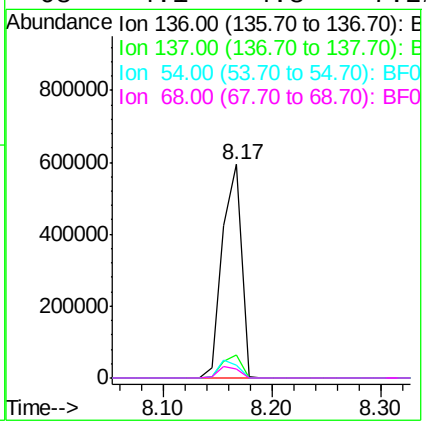


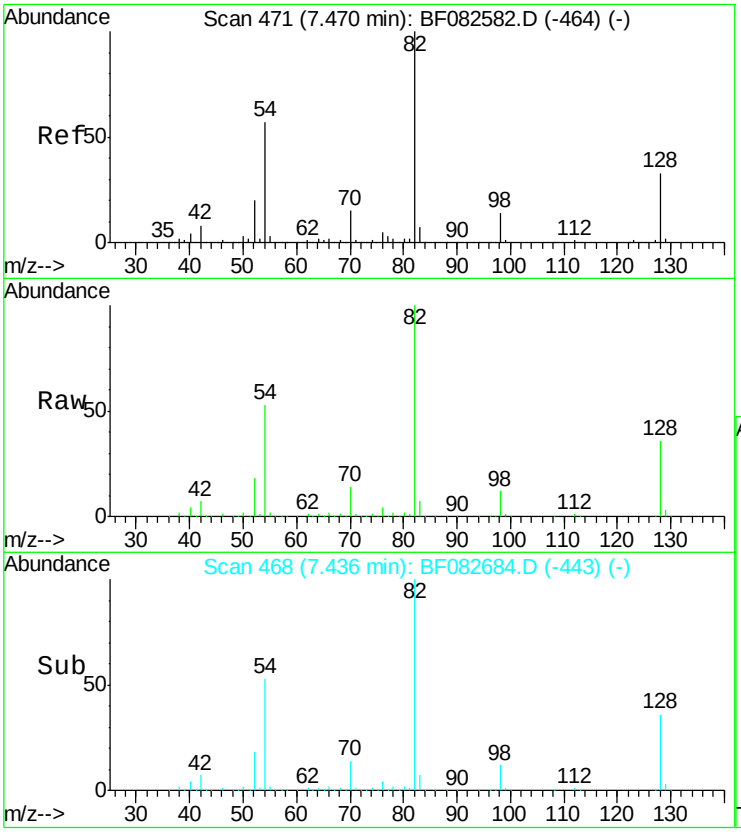


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:136 Resp: 725336

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.9	9.1	13.7#
68	4.1	4.8	7.2#



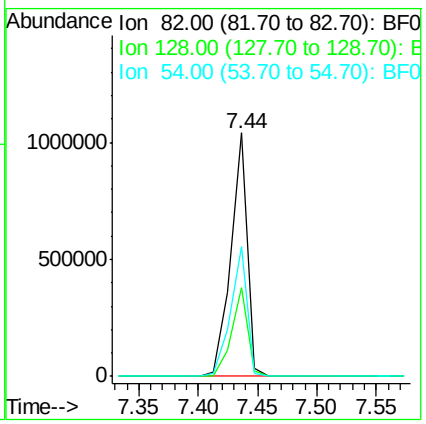


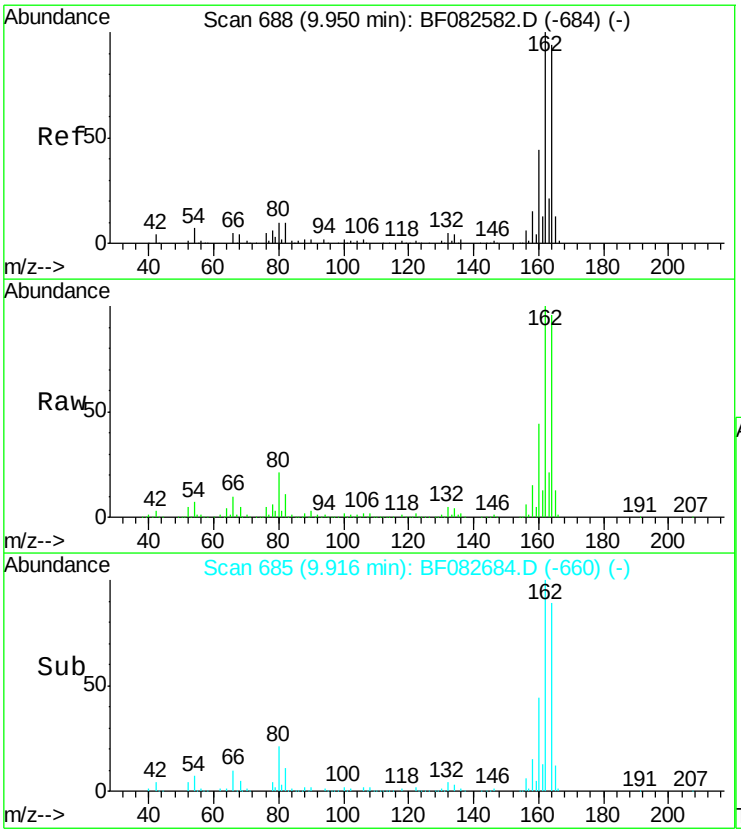
#23
Nitrobenzene-d5
Concen: 56.07 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion: 82 Resp: 995883

Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	53.1	45.7	68.5

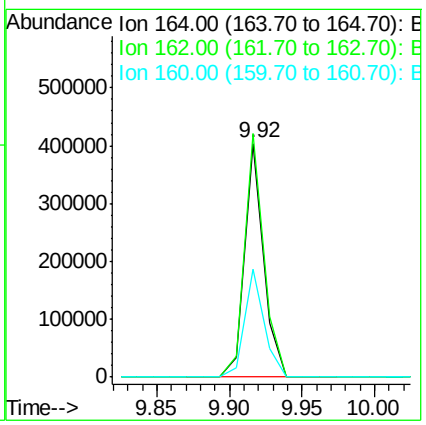


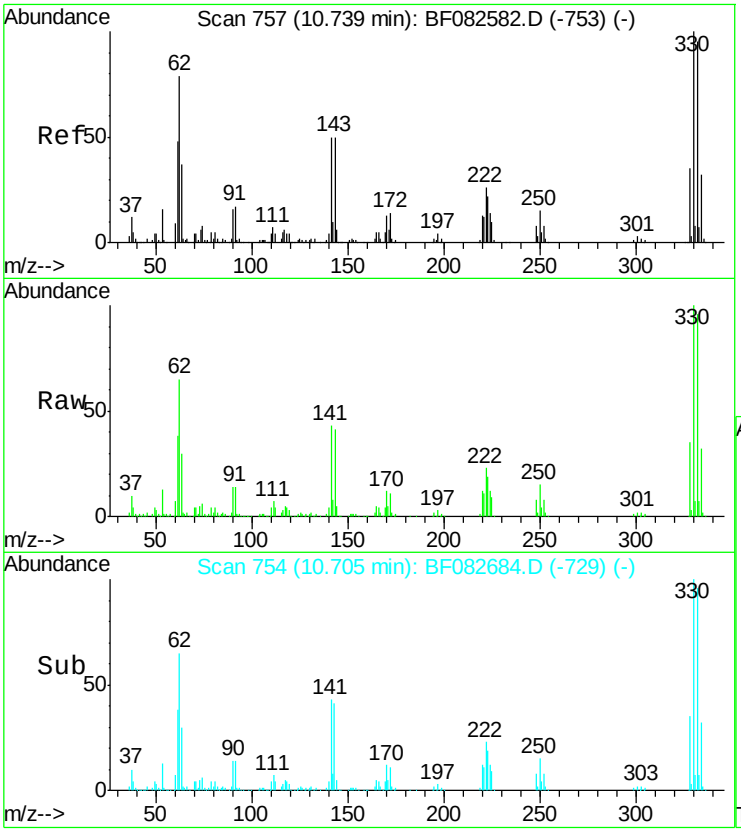


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:164 Resp: 367523

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.9	127.3
160	46.0	37.5	56.3



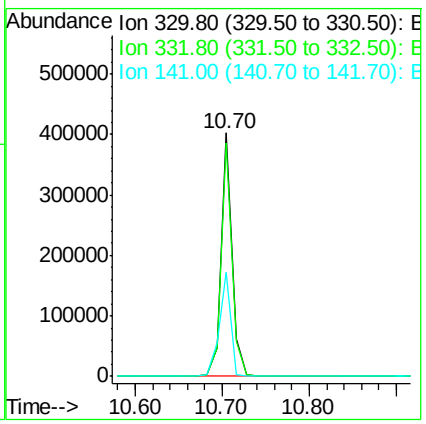


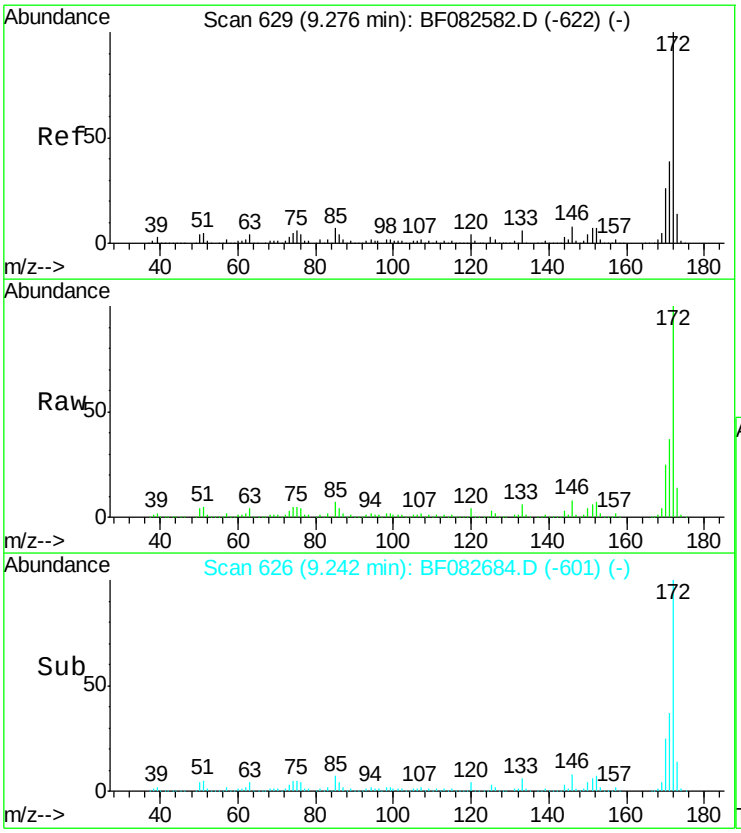
#41
2,4,6-Tribromophenol
Concen: 88.78 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:330 Resp: 357075

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	45.3	41.2	61.8

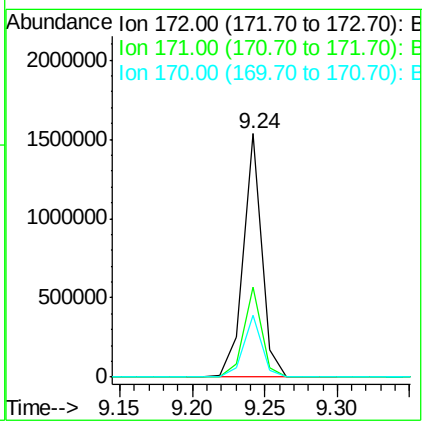


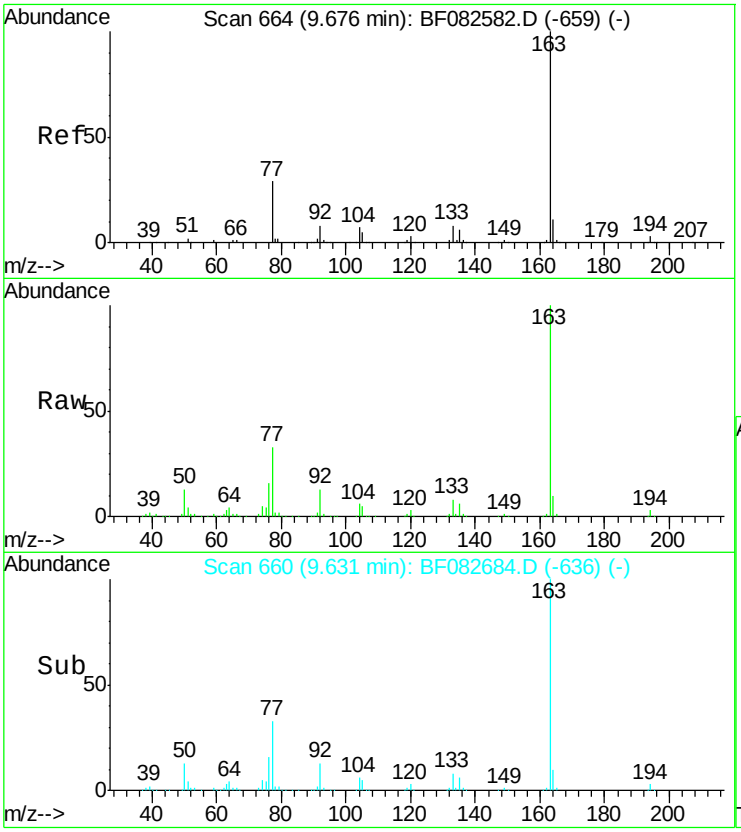


#44
2-Fluorobiphenyl
Concen: 52.57 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:172 Resp: 1360741

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.2	21.2	31.8



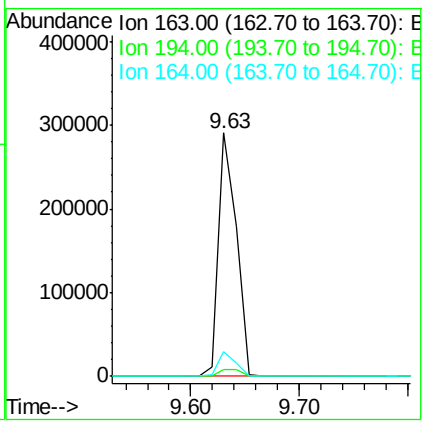


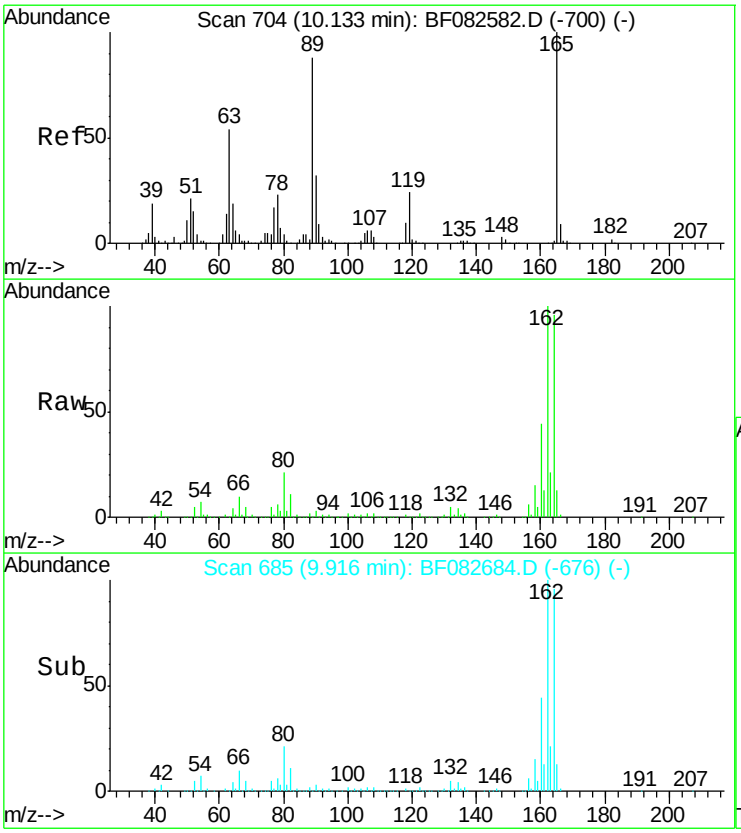
#49
Dimethylphthalate
Concen: 11.13 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:163 Resp: 334095

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.4	8.7	13.1

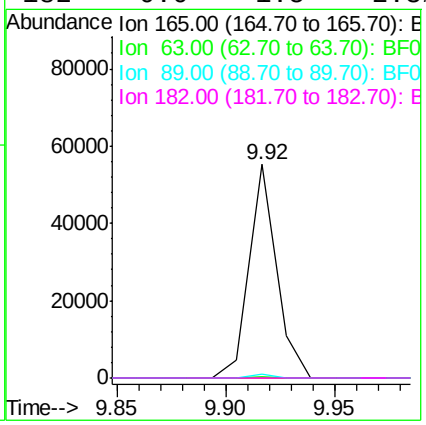


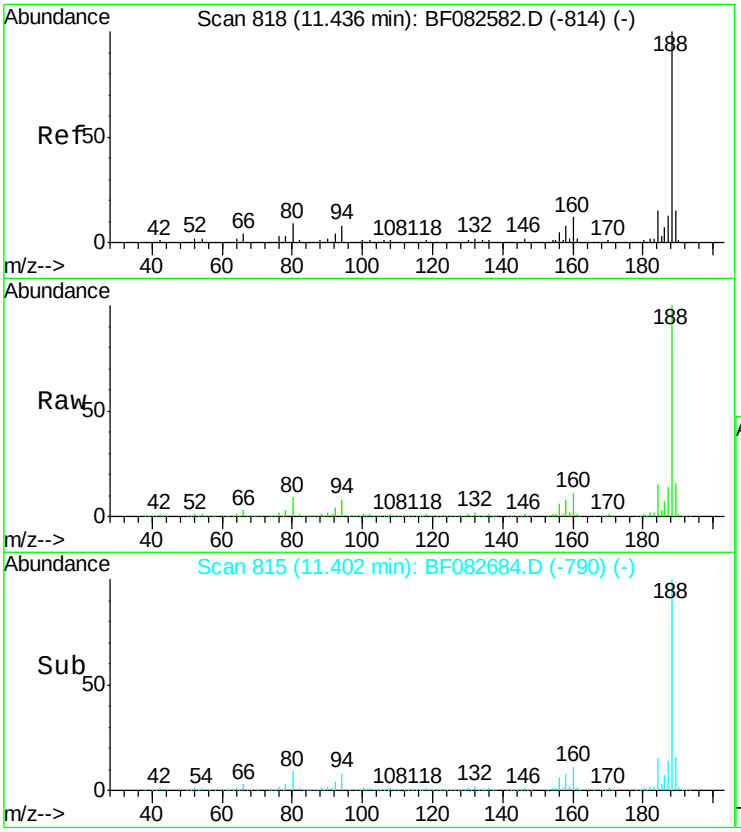


#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.19 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:165 Resp: 48532

Ion	Ratio	Lower	Upper
165	100		
63	0.8	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#



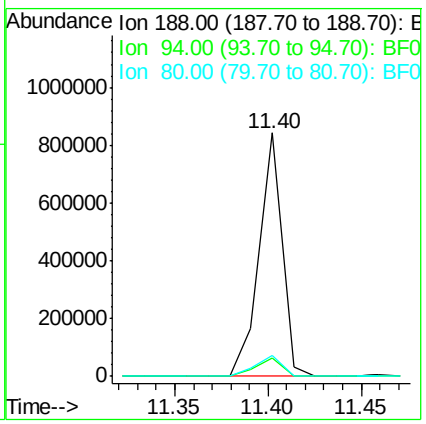


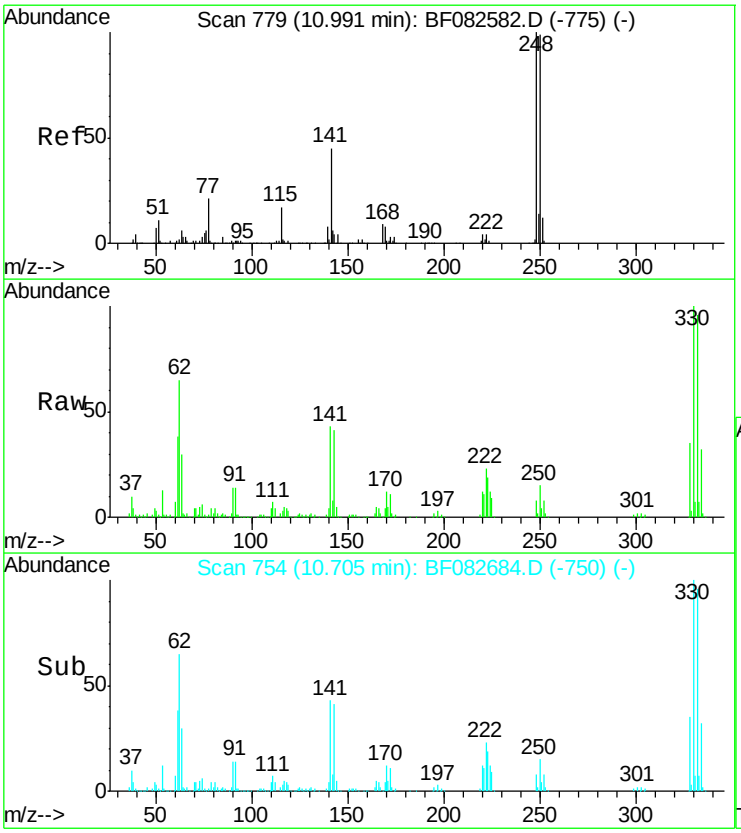
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:188 Resp: 717539

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.1	9.1
80	8.5	7.0	10.6

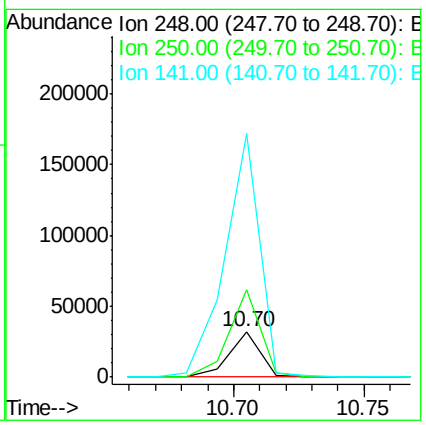


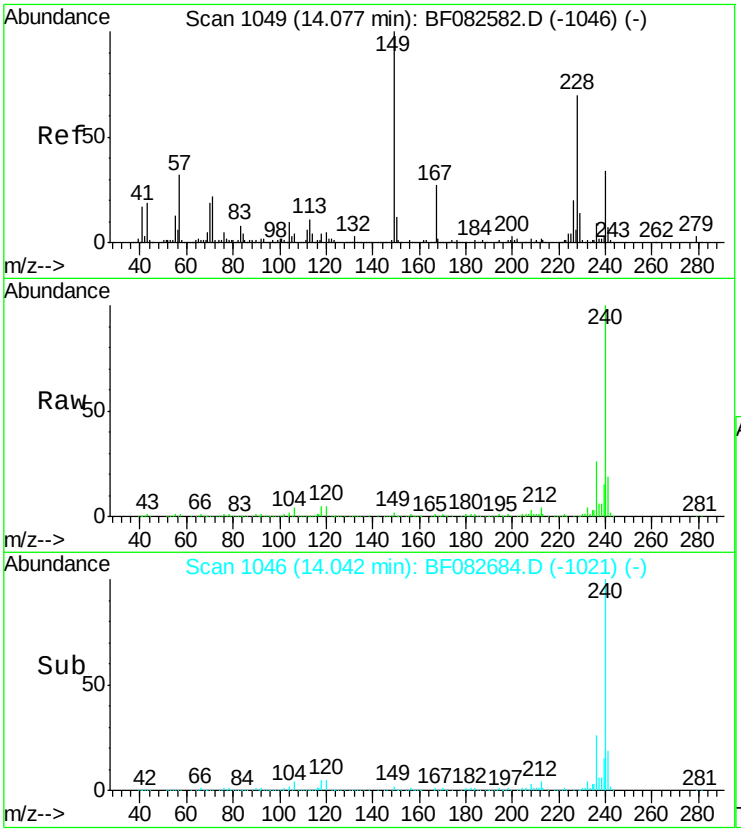


#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:248 Resp: 26941

Ion	Ratio	Lower	Upper
248	100		
250	192.1	79.4	119.2#
141	534.1	36.3	54.5#



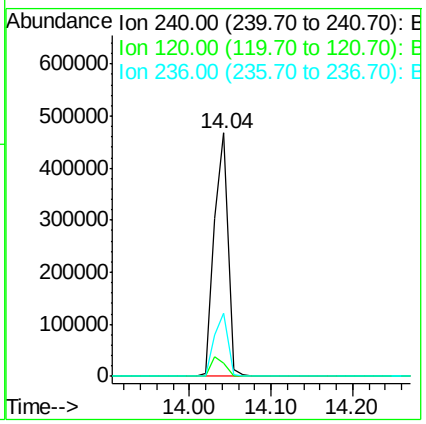


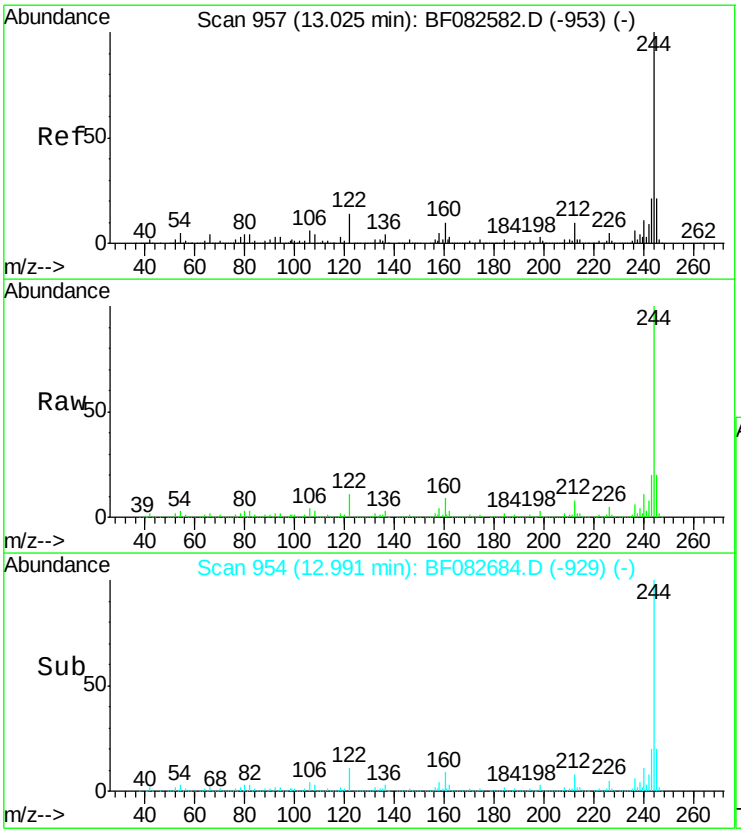
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:240 Resp: 548269

Ion	Ratio	Lower	Upper
240	100		
120	5.4	10.9	16.3#
236	26.1	21.6	32.4

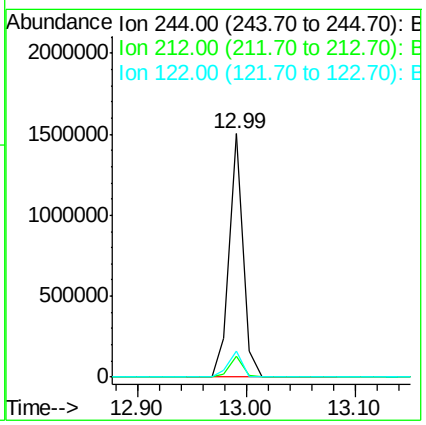


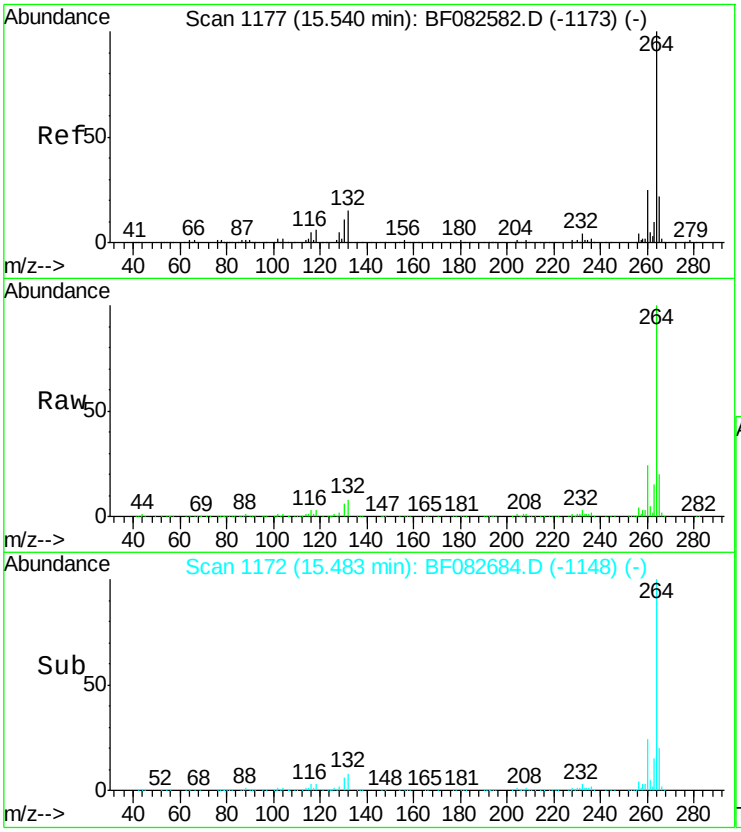


#78
Terphenyl-d14
Concen: 52.31 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Tgt Ion:244 Resp: 1310512

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	10.8	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082684.D
Acq: 4 Nov 2015 5:08

Instrument :
BNA_F
ClientSampleId :
SB-07(22-24)

Tgt Ion:264 Resp: 458764

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	20.2	17.4	26.0