Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082934.D
Acq On : 14 Nov 2015 10:06
Operator : UM/IZ
Sample : G4382-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Nov 16 00:18:26 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	6.80	152	187073	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	698587	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	356894	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	553678	20.00	ng		-0.05
75) Chrysene-d12	13.96	240	385937	20.00	ng		-0.06
86) Perylene-d12	15.39	264	403213	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	803789	66.85	ng		-0.03
7) Phenol-d6	6.45	99	693086	43.36	ng		-0.02
23) Nitrobenzene-d5	7.37	82	1206000	75.12	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	399605	97.65	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1944128	78.07	ng		-0.05
78) Terphenyl-d14	12.92	244	1390448	85.45	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	36364	4.12	ng		86
19) n-Nitroso-di-n-propylamine	7.37	70	165772	14.11	ng	#	71
25) Isophorone	7.37	82	1188754	40.02	ng	#	70
51) Acenaphthene	9.88	154	353677	14.91	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	27219	4.08	ng	#	1

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

Quantitation Report (Not Reviewed)

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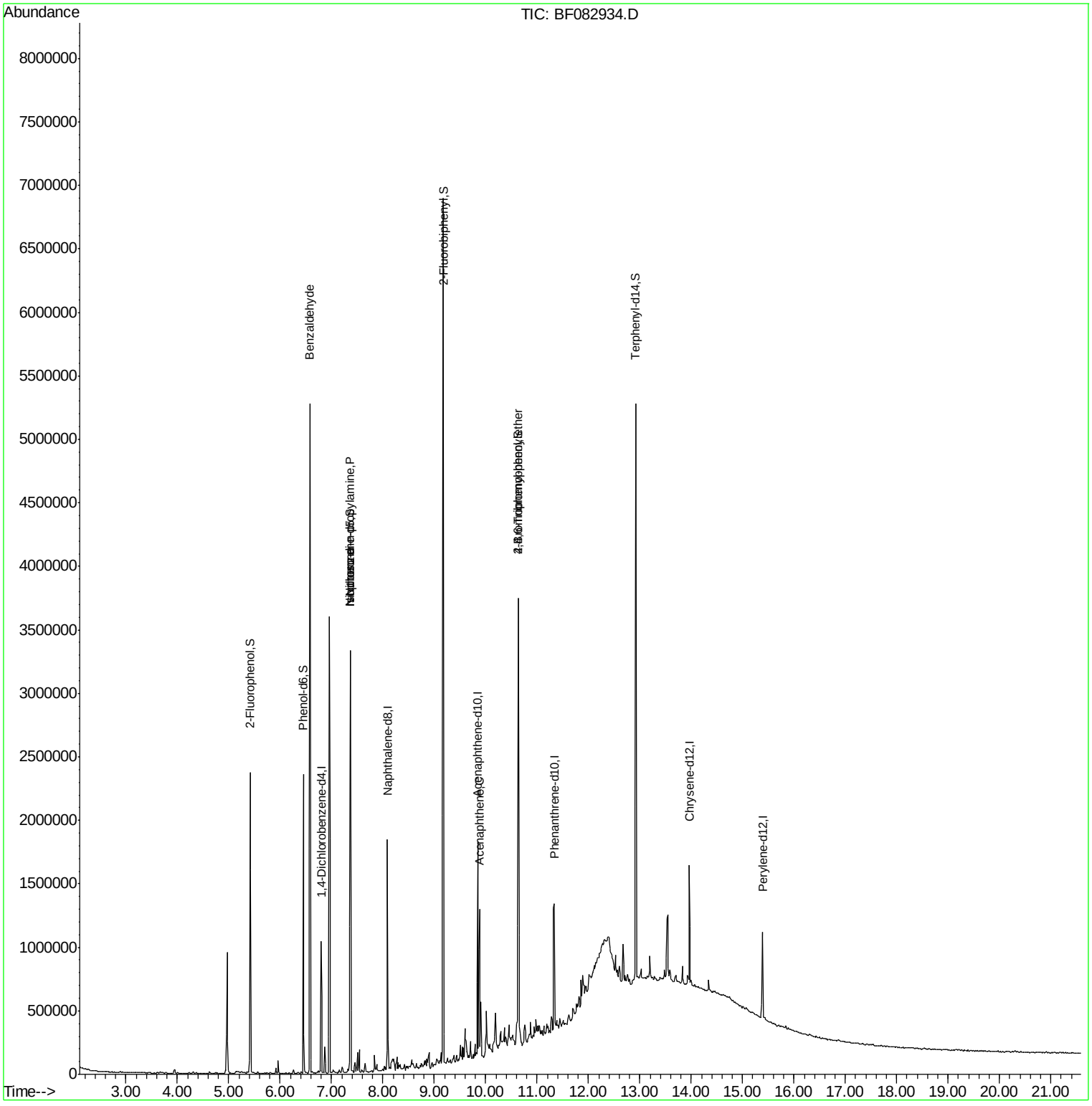
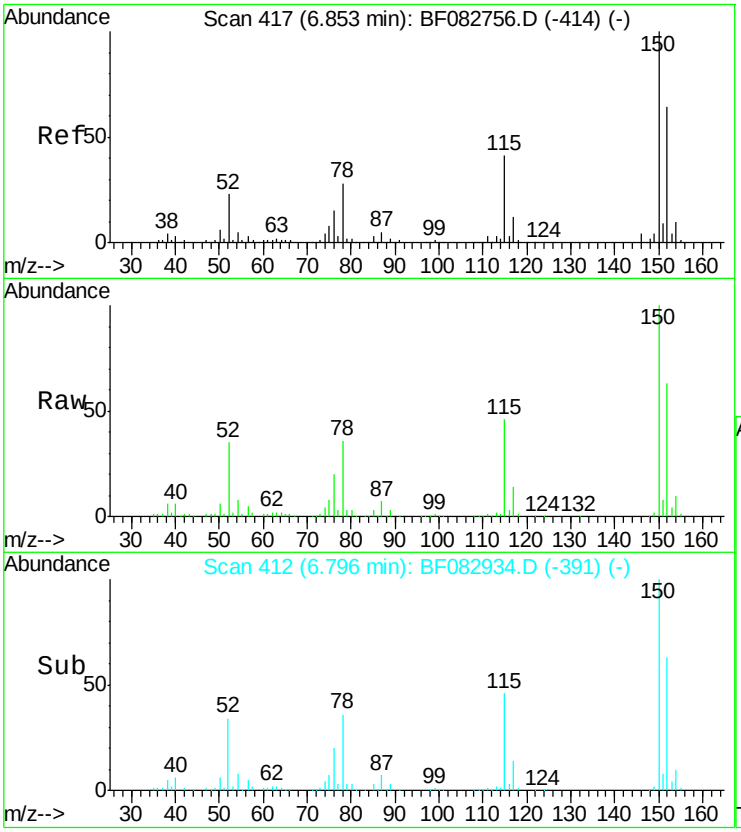


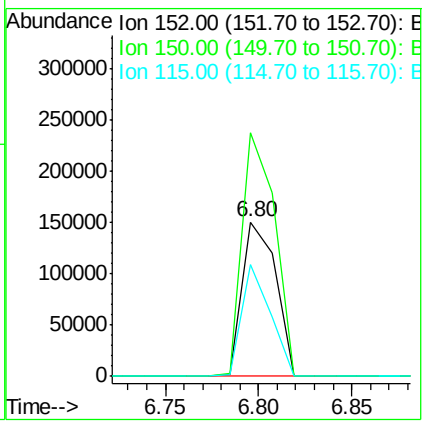


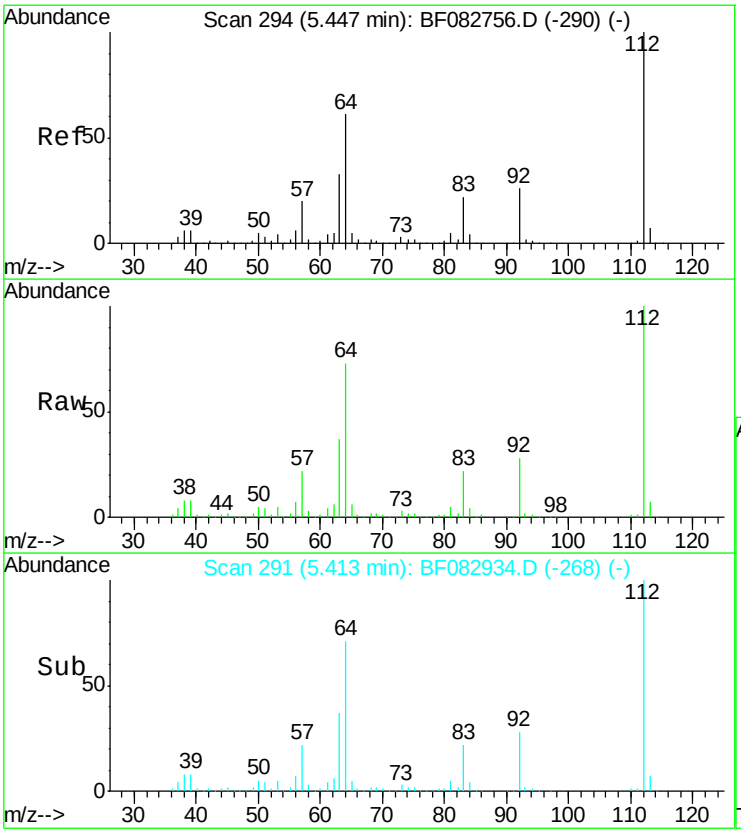
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 187073

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	72.5	47.0	70.6#

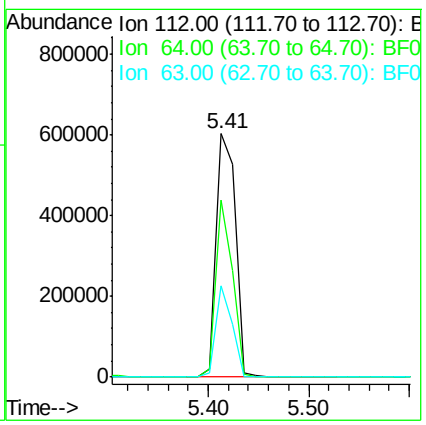


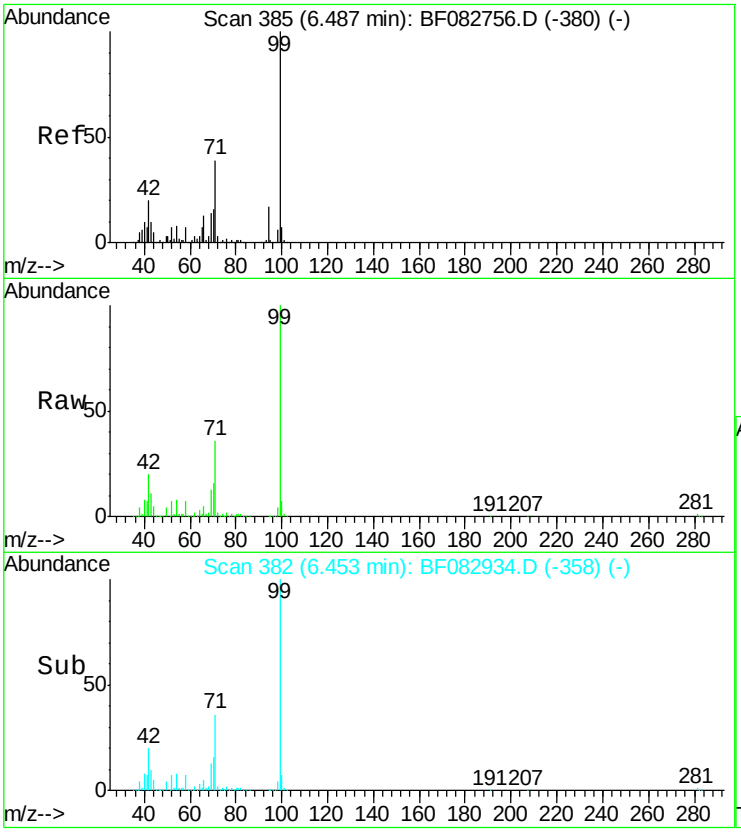


#5
2-Fluorophenol
Concen: 66.85 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:112 Resp: 803789

Ion	Ratio	Lower	Upper
112	100		
64	72.6	48.9	73.3
63	37.3	28.1	42.1



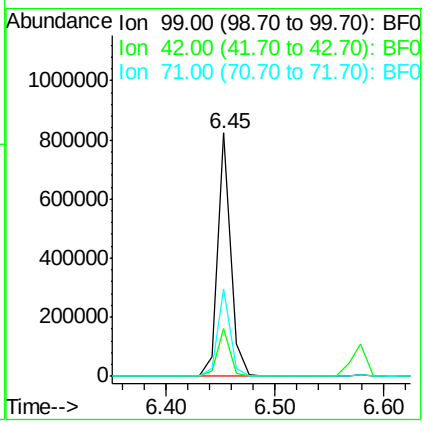


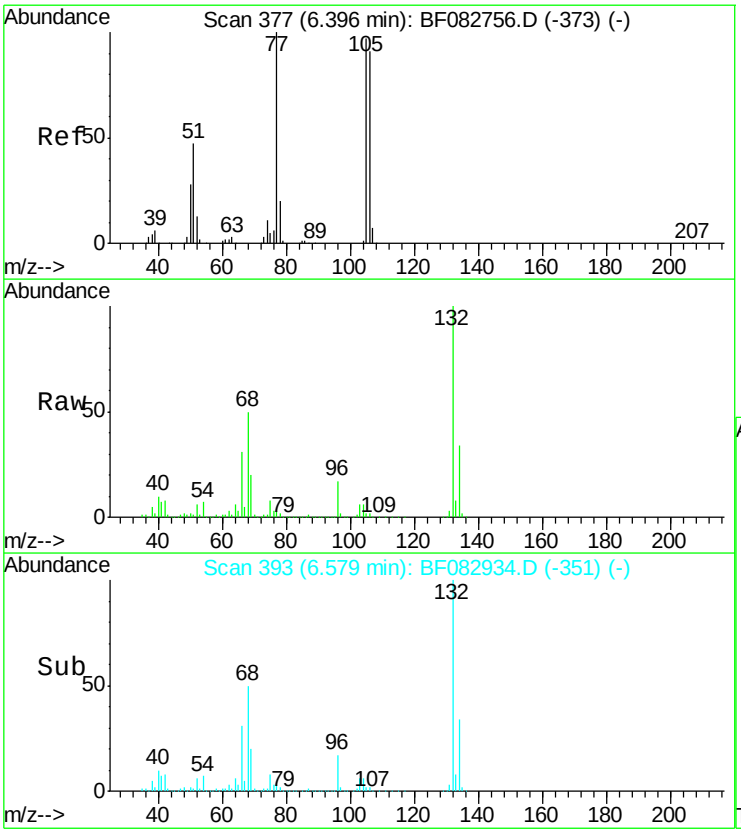
#7
Phenol-d6
Concen: 43.36 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 693086

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	36.1	35.0	52.4

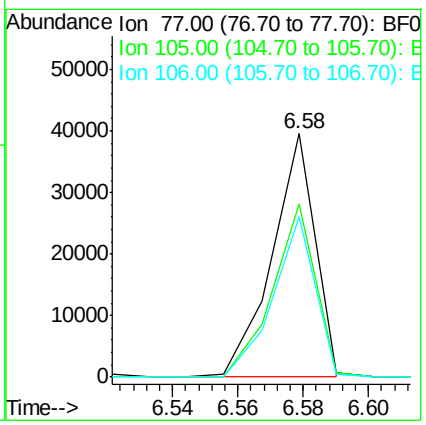


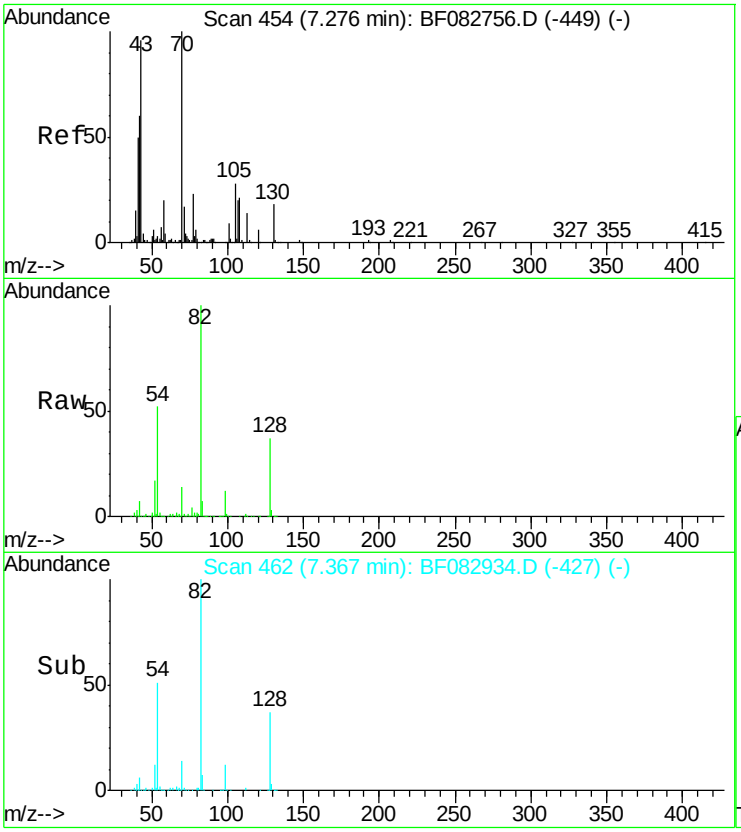


#9
Benzaldehyde
Concen: 4.12 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.18 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion: 77 Resp: 36364

Ion	Ratio	Lower	Upper
77	100		
105	71.4	63.5	103.5
106	66.0	59.3	99.3



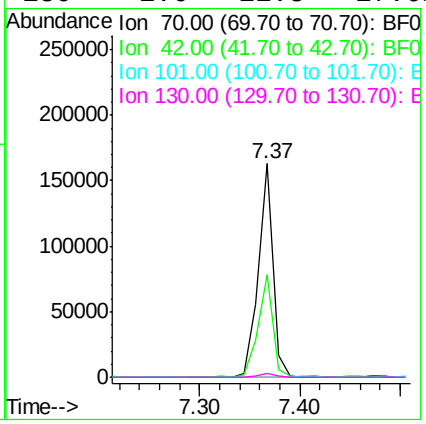


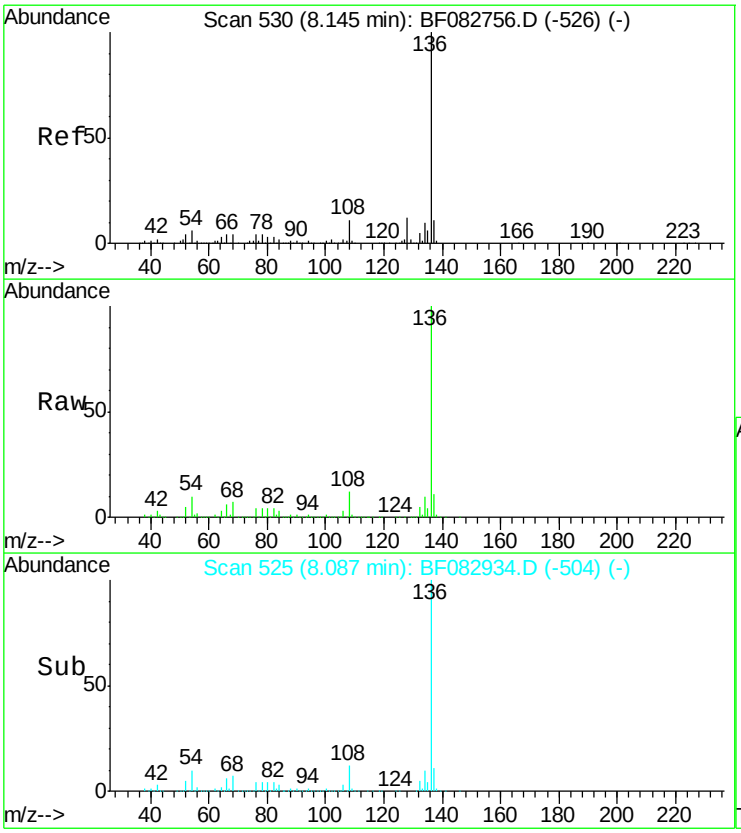
#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 165772

Ion	Ratio	Lower	Upper
70	100		
42	48.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#

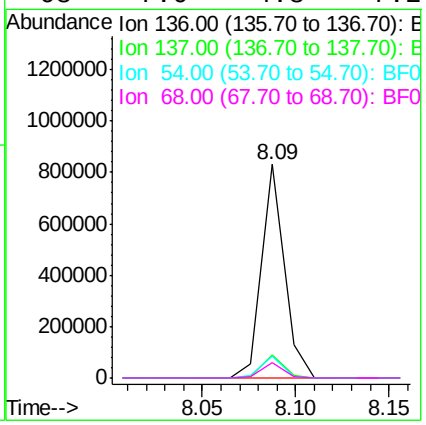


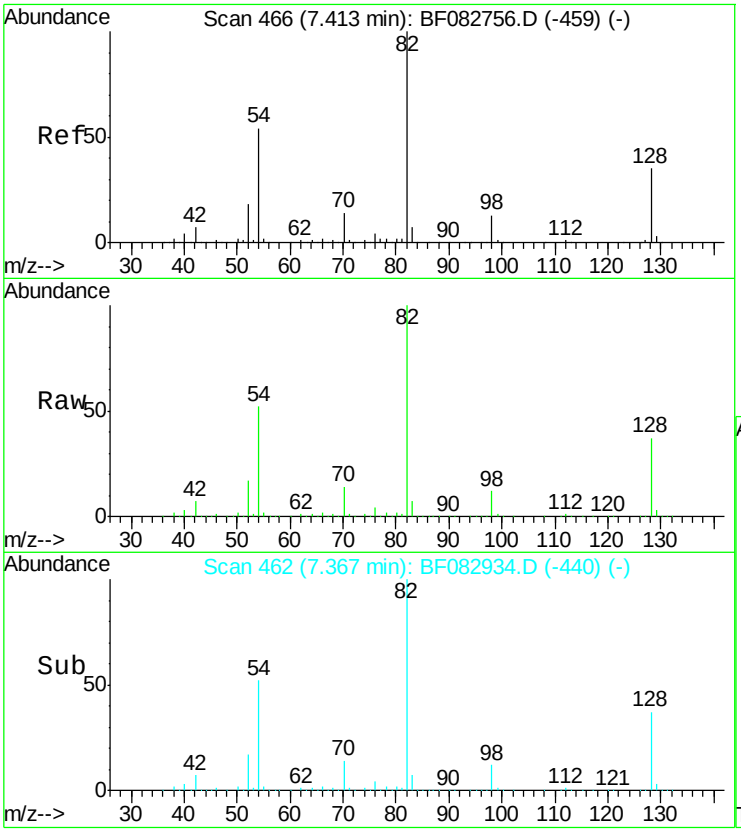


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:136 Resp: 698587

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.1	9.1	13.7
68	7.0	4.8	7.2



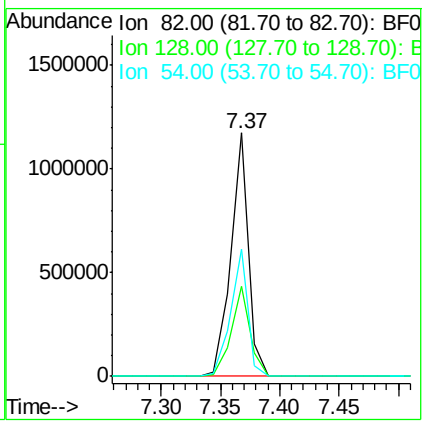


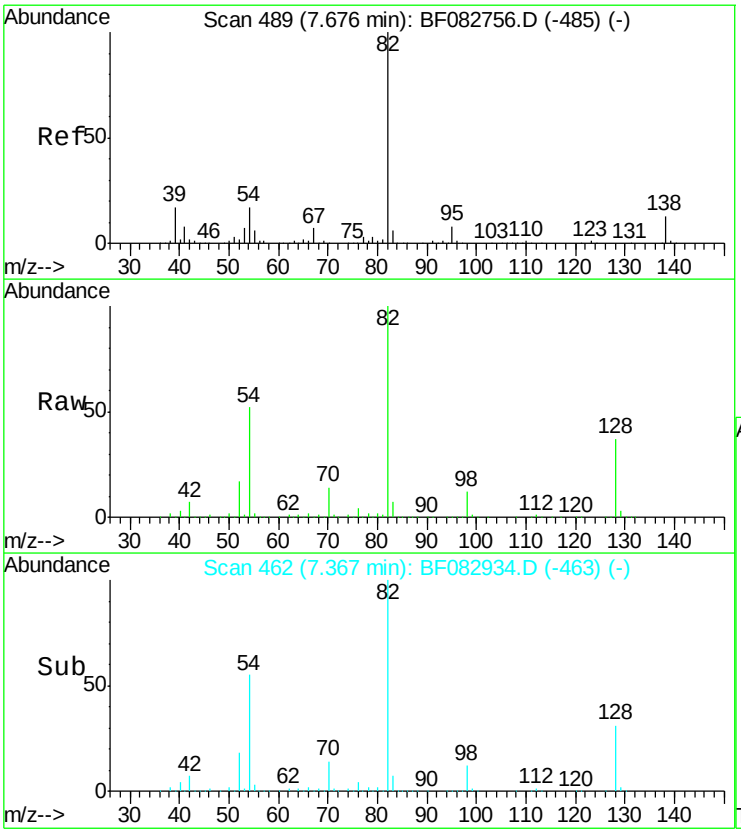
#23
Nitrobenzene-d5
Concen: 75.12 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1206000

Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.8	40.2
54	52.4	45.7	68.5

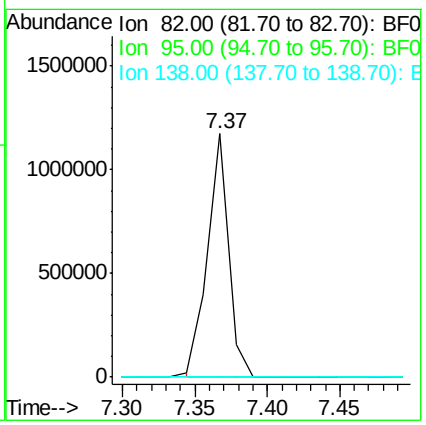


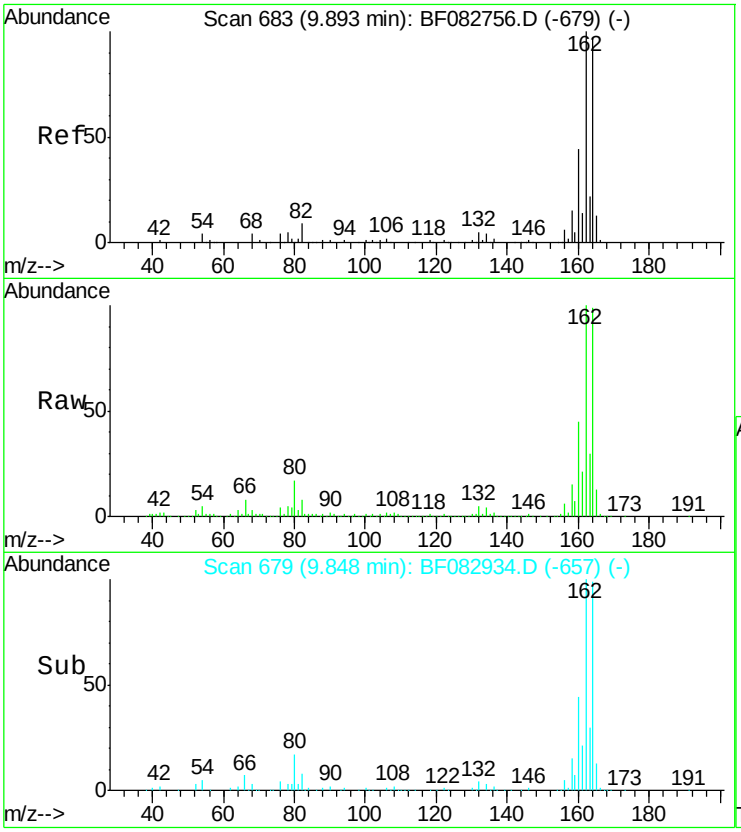


#25
Isophorone
Concen: 40.02 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion: 82 Resp: 1188754

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



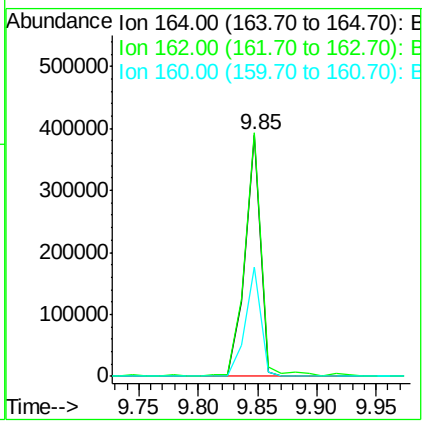


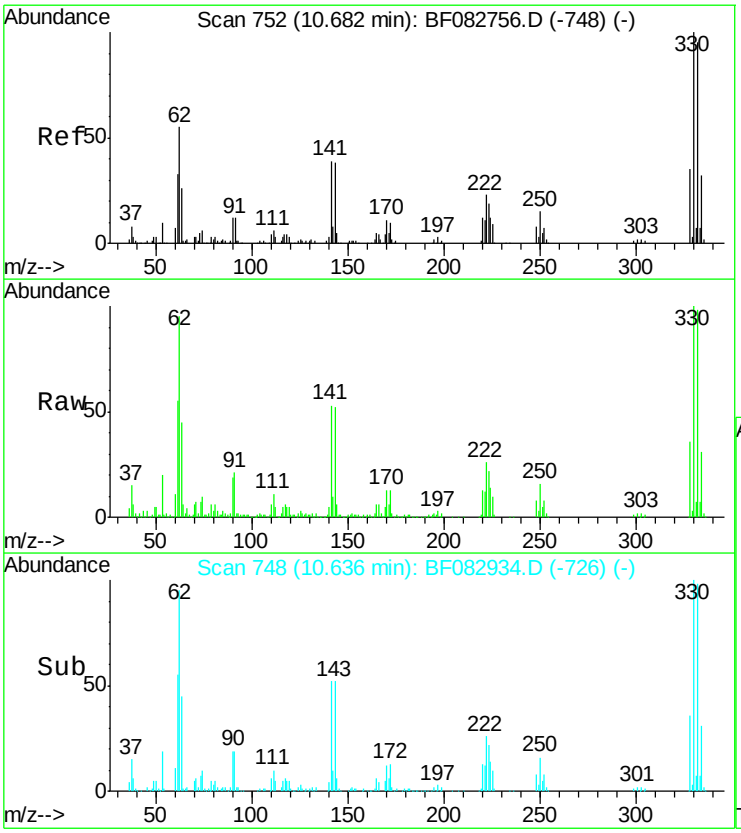
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 356894

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.9	127.3
160	45.4	37.5	56.3

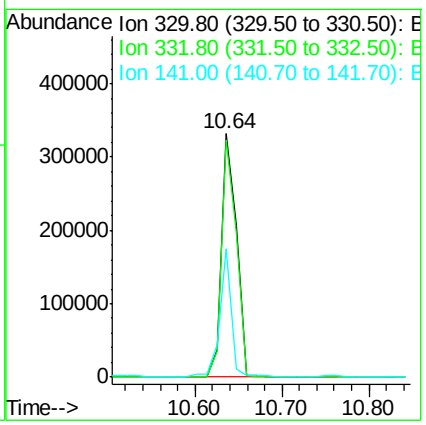


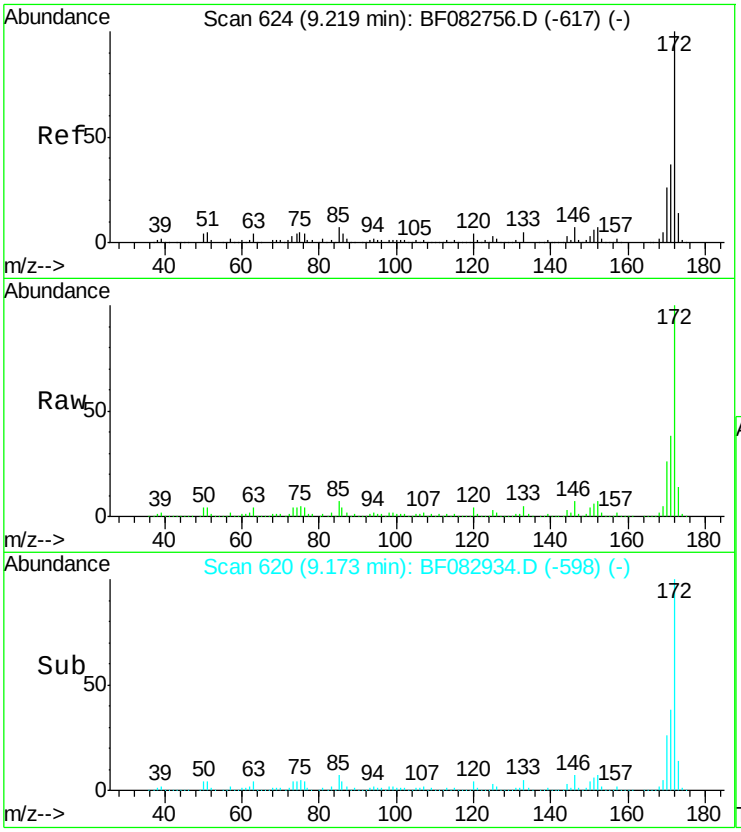


#41
2,4,6-Tribromophenol
Concen: 97.65 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:330 Resp: 399605

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	40.2	41.2	61.8#



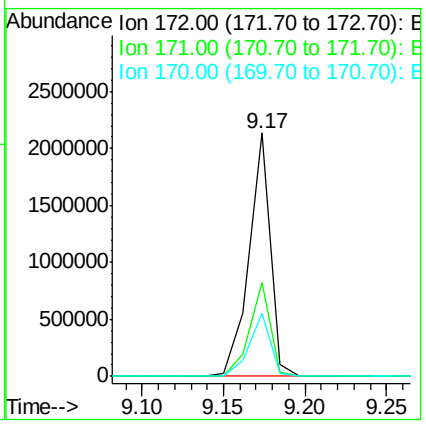


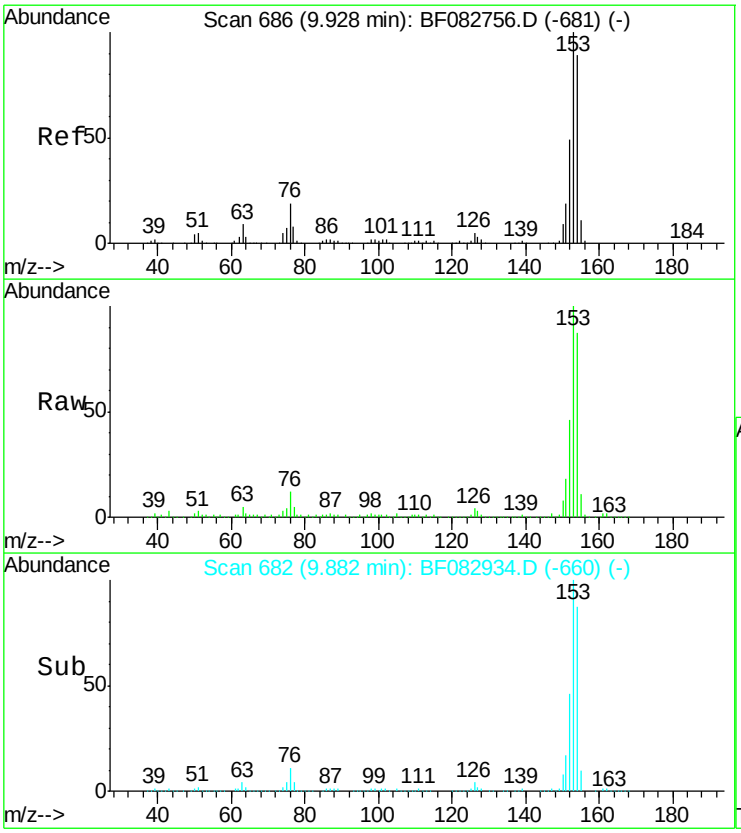
#44
2-Fluorobiphenyl
Concen: 78.07 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 1944128

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.9	21.2	31.8

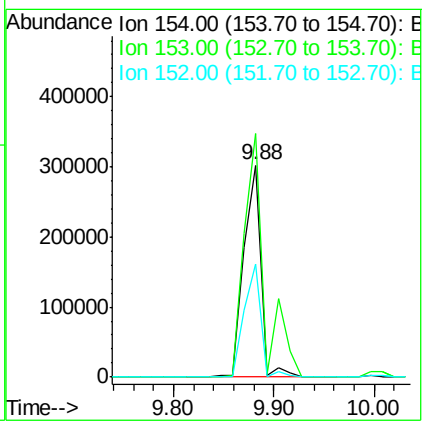


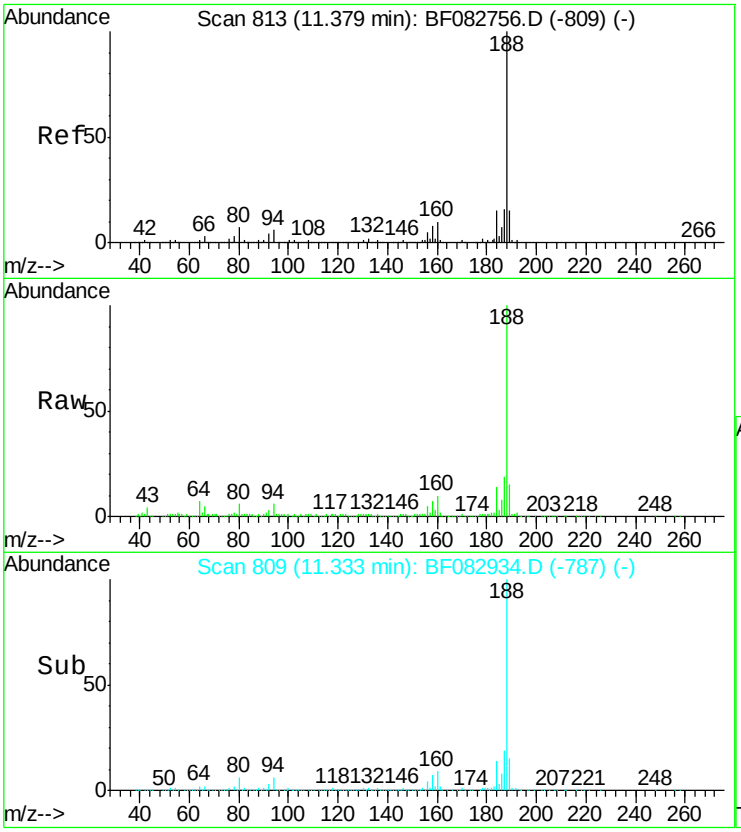


#51
Acenaphthene
Concen: 14.91 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:154 Resp: 353677

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.1	135.1
152	53.5	44.3	66.5



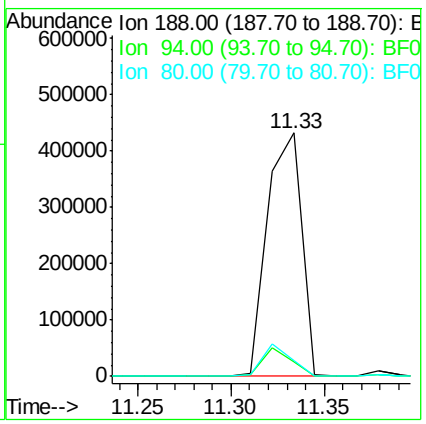


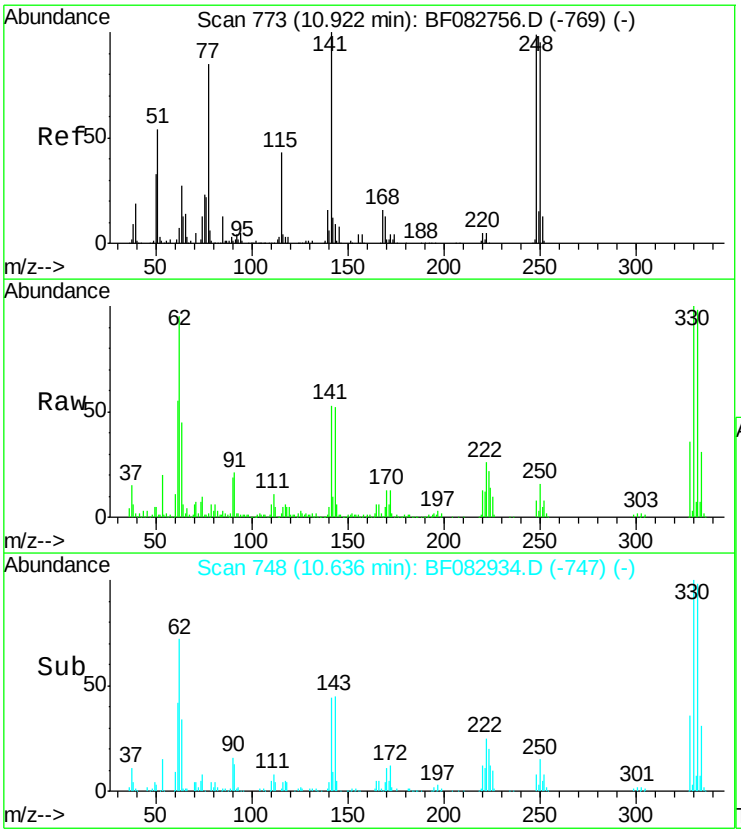
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 553678

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.1	9.1#
80	6.4	7.0	10.6#





#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:248 Resp: 27219

Ion	Ratio	Lower	Upper
248	100		
250	189.4	79.4	119.2#
141	619.4	36.3	54.5#