Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082927.D
Acq On : 14 Nov 2015 6:42
Operator : UM/IZ
Sample : G4383-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS-MW-14

Quant Time: Nov 16 00:15:39 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	6.81	152	188546	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	636208	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	341142	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	554762	20.00	ng		-0.05
75) Chrysene-d12	13.96	240	389954	20.00	ng		-0.06
86) Perylene-d12	15.38	264	388213	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	787896	65.02	ng		-0.02
7) Phenol-d6	6.46	99	689776	42.82	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1183700	80.96	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	372448	95.22	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1796897	75.49	ng		-0.05
78) Terphenyl-d14	12.92	244	1559047	94.83	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	31089	3.49	ng		84
19) n-Nitroso-di-n-propylamine	7.37	70	157311	13.28	ng	#	70
25) Isophorone	7.37	82	1176011	43.47	ng	#	69
56) 2,4-Dinitrotoluene	9.85	165	44808	5.54	ng	#	15
66) 4-Bromophenyl-phenylether	10.64	248	25739	3.85	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 14 Nov 2015 6:42
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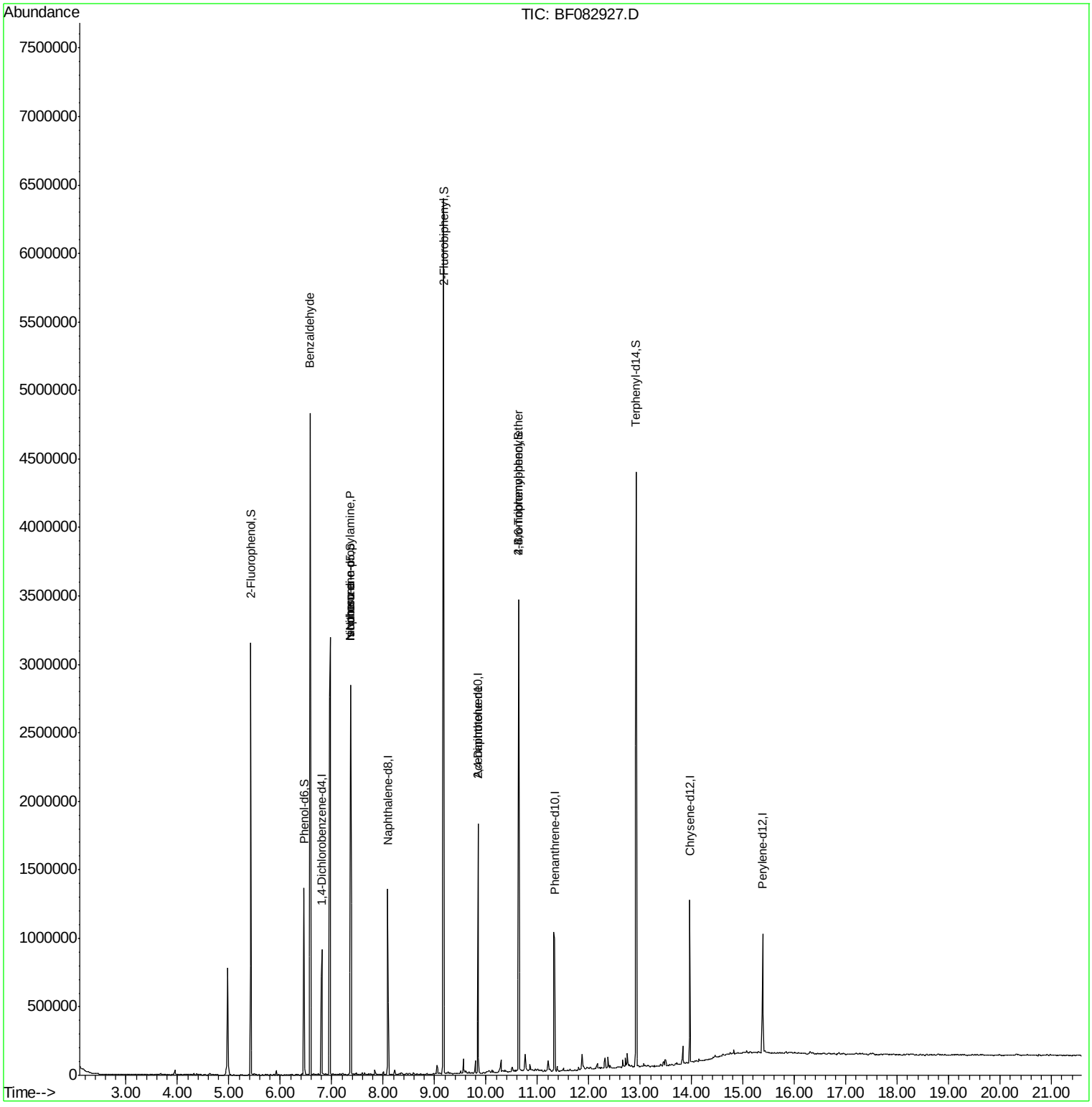
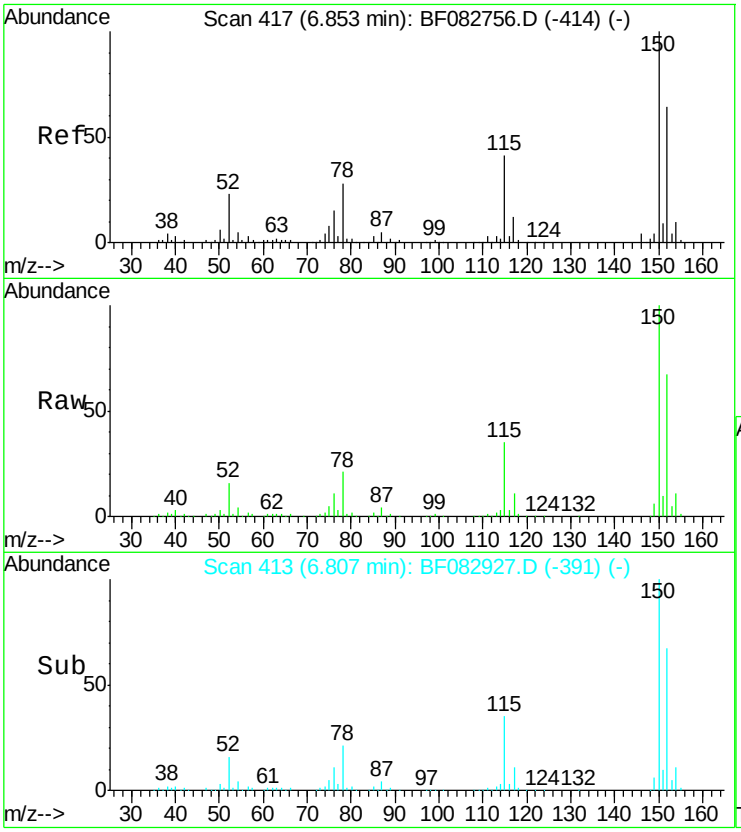


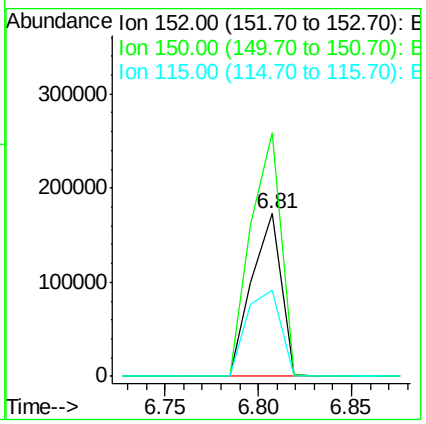


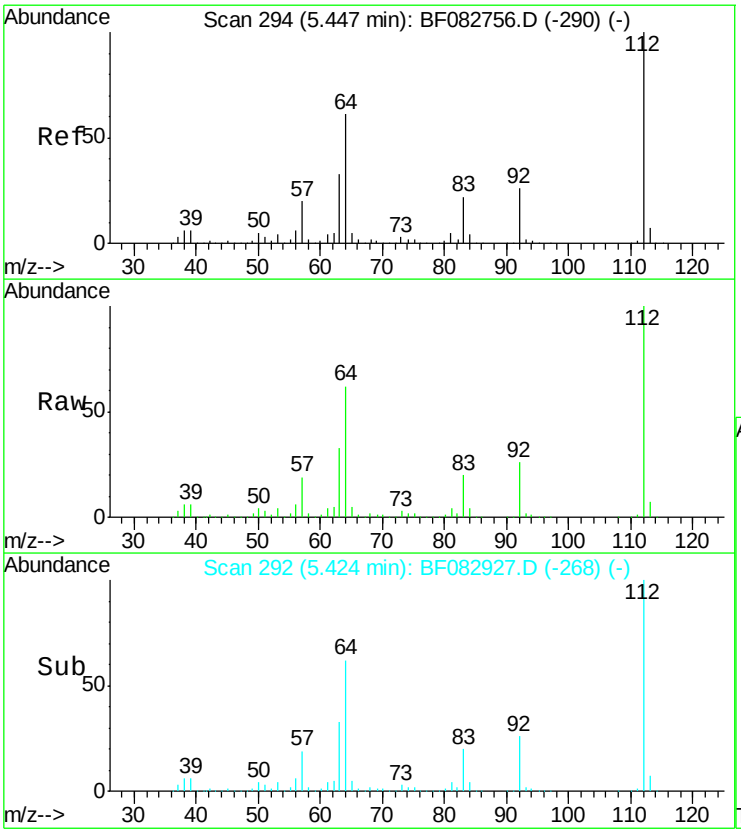
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion:152 Resp: 188546

Ion	Ratio	Lower	Upper
152	100		
150	149.6	127.0	190.4
115	52.7	47.0	70.6

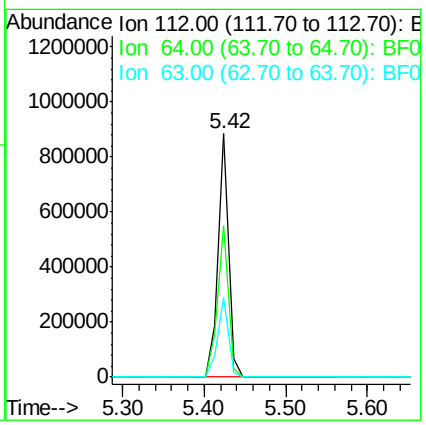


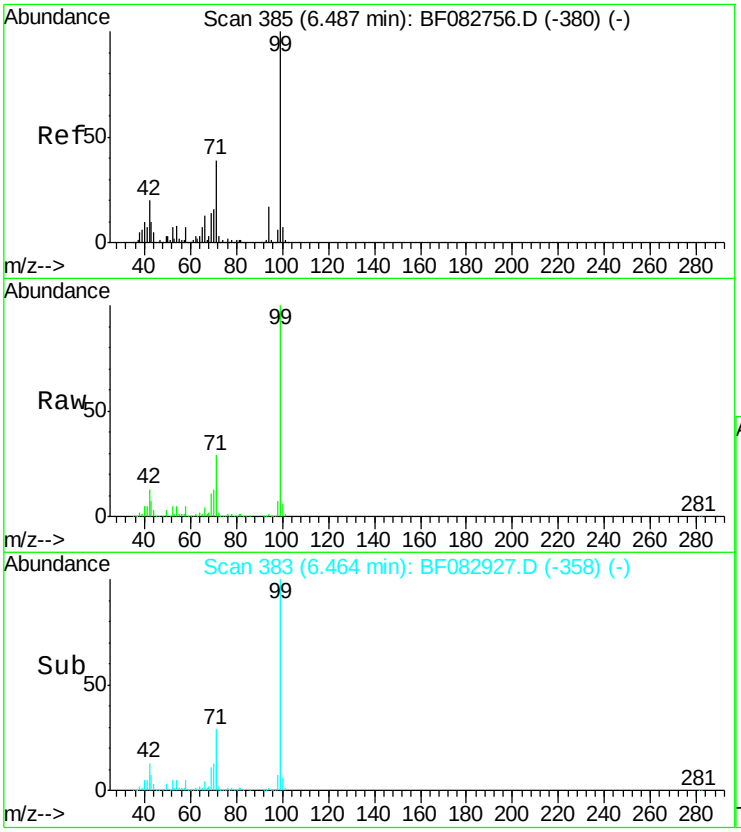


#5
2-Fluorophenol
Concen: 65.02 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:112 Resp: 787896

Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.9	73.3
63	32.6	28.1	42.1



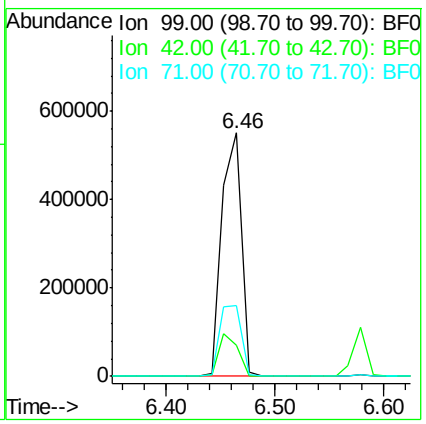


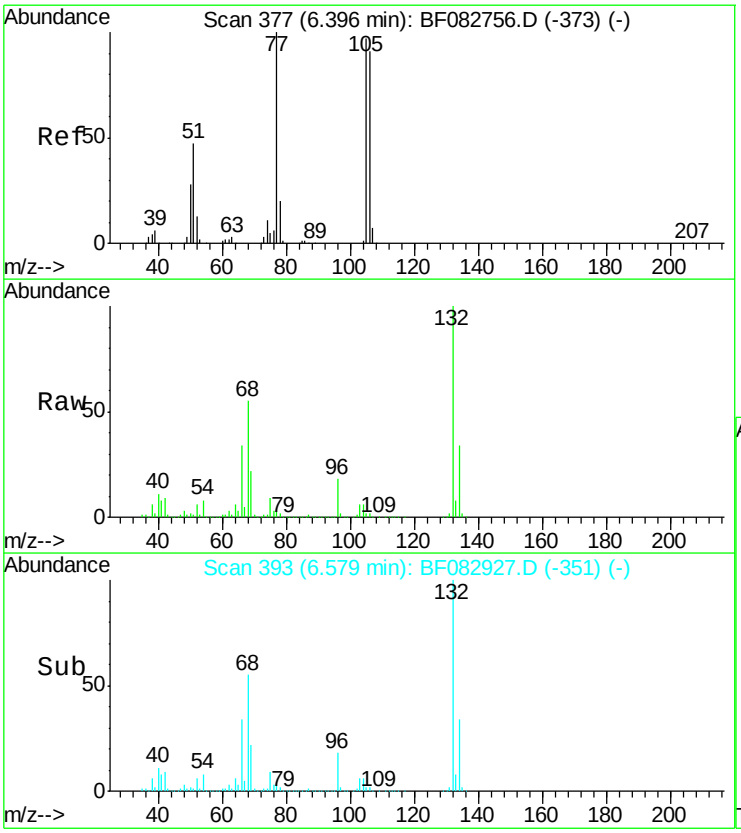
#7
Phenol-d6
Concen: 42.82 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion: 99 Resp: 689776

Ion	Ratio	Lower	Upper
99	100		
42	12.8	19.2	28.8#
71	29.1	35.0	52.4#

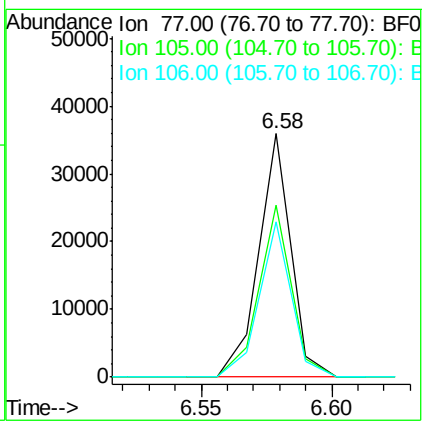


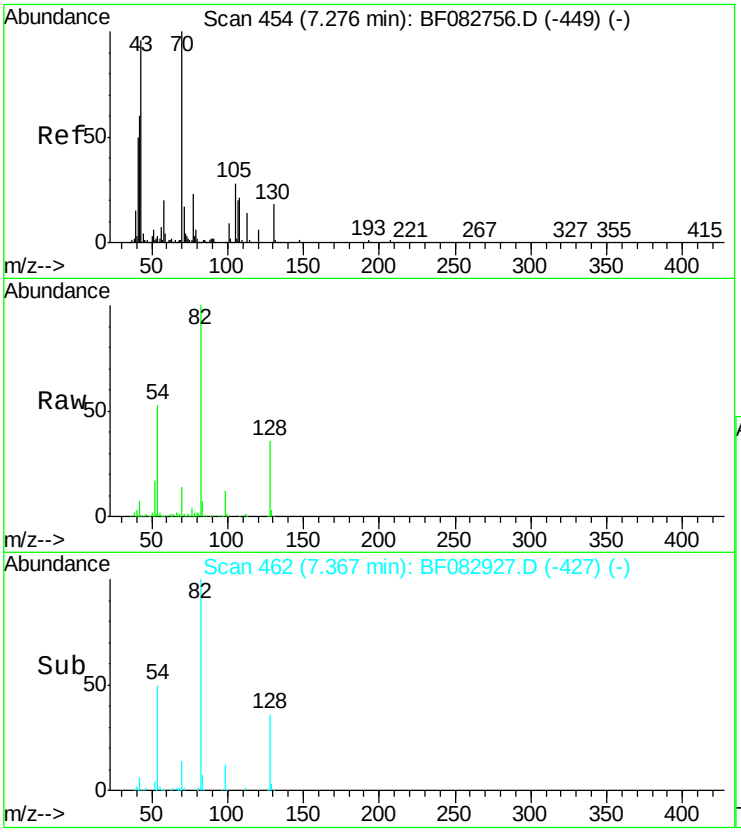


#9
Benzaldehyde
Concen: 3.49 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.18 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion: 77 Resp: 31089

Ion	Ratio	Lower	Upper
77	100		
105	70.7	63.5	103.5
106	63.9	59.3	99.3



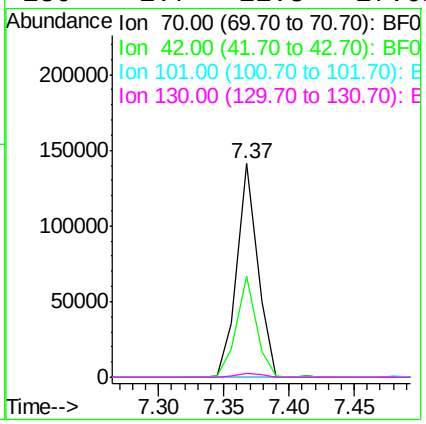


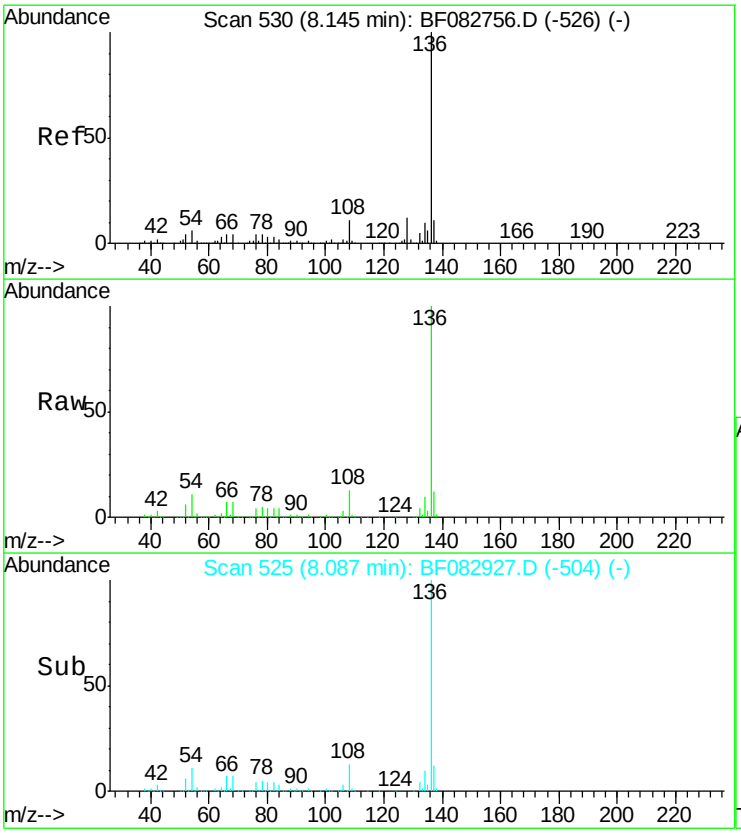
#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion: 70 Resp: 157311

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#

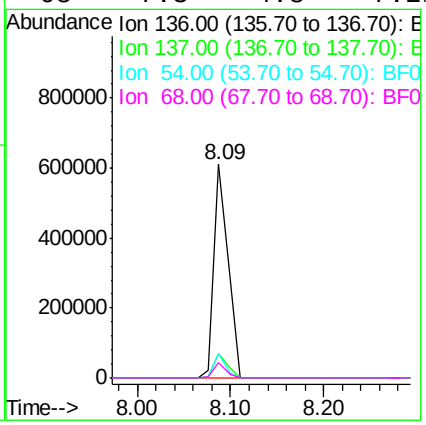


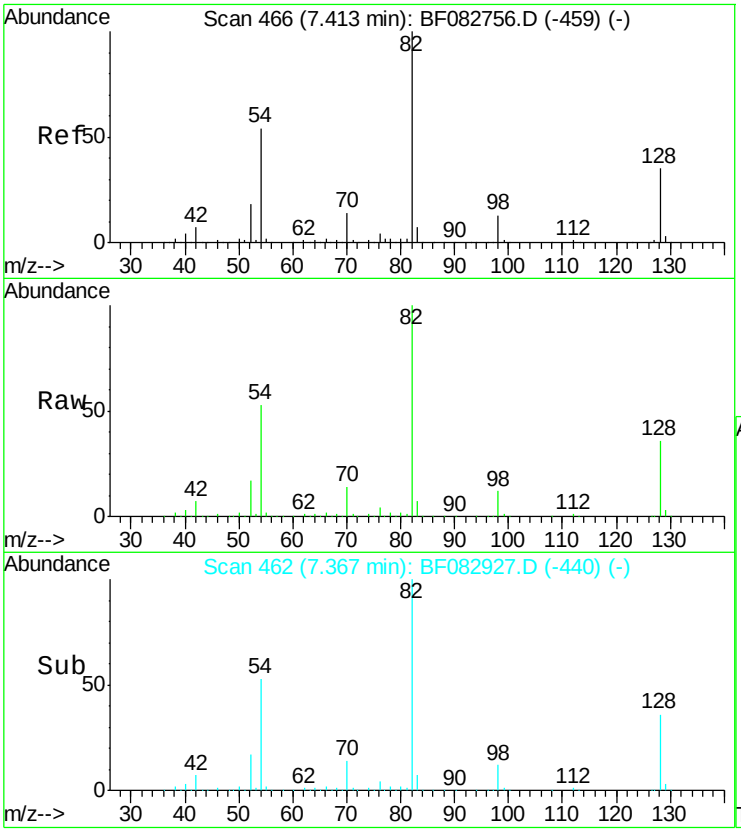


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:136 Resp: 636208

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.3	9.1	13.7
68	7.3	4.8	7.2#



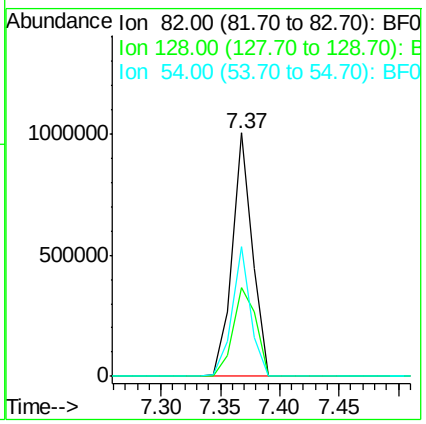


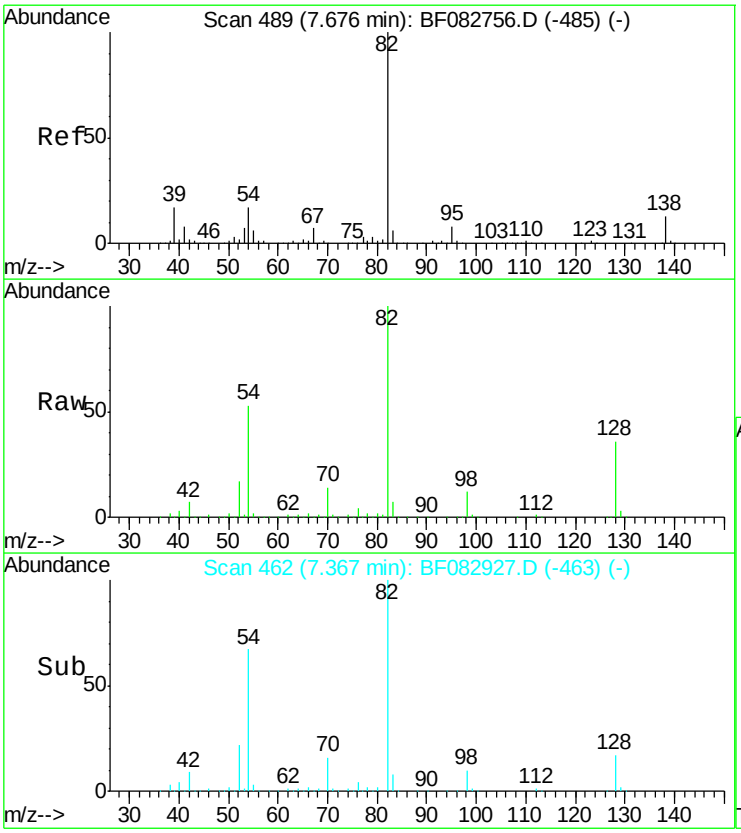
#23
Nitrobenzene-d5
Concen: 80.96 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion: 82 Resp: 1183700

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.8	40.2
54	53.3	45.7	68.5

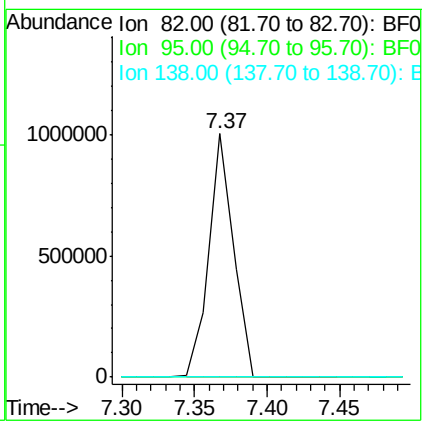


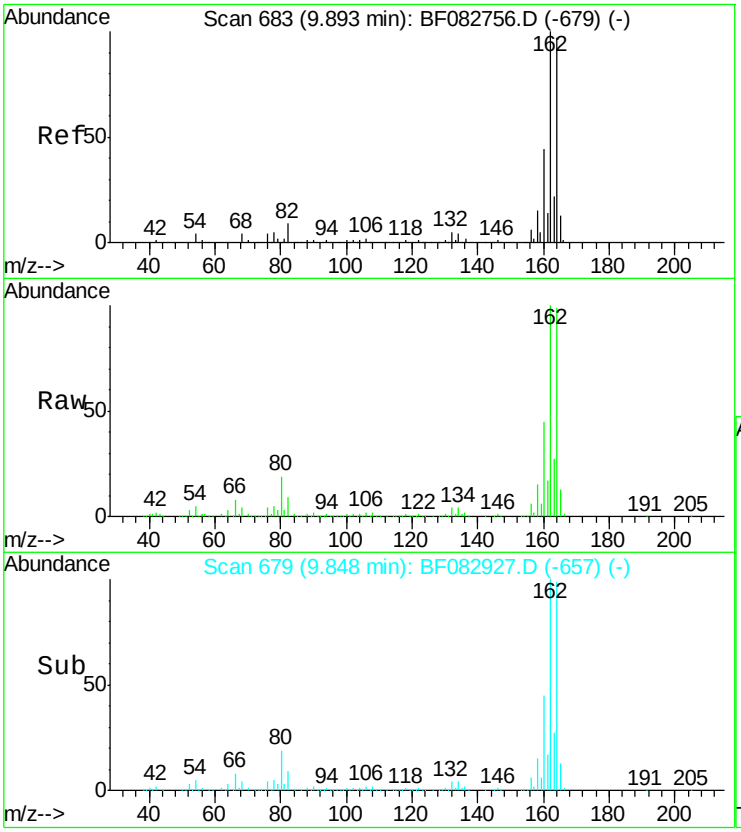


#25
Isophorone
Concen: 43.47 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion: 82 Resp: 1176011

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



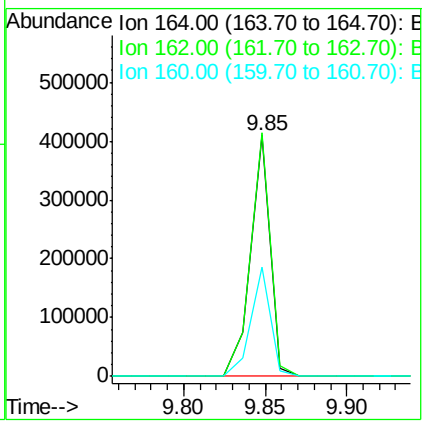


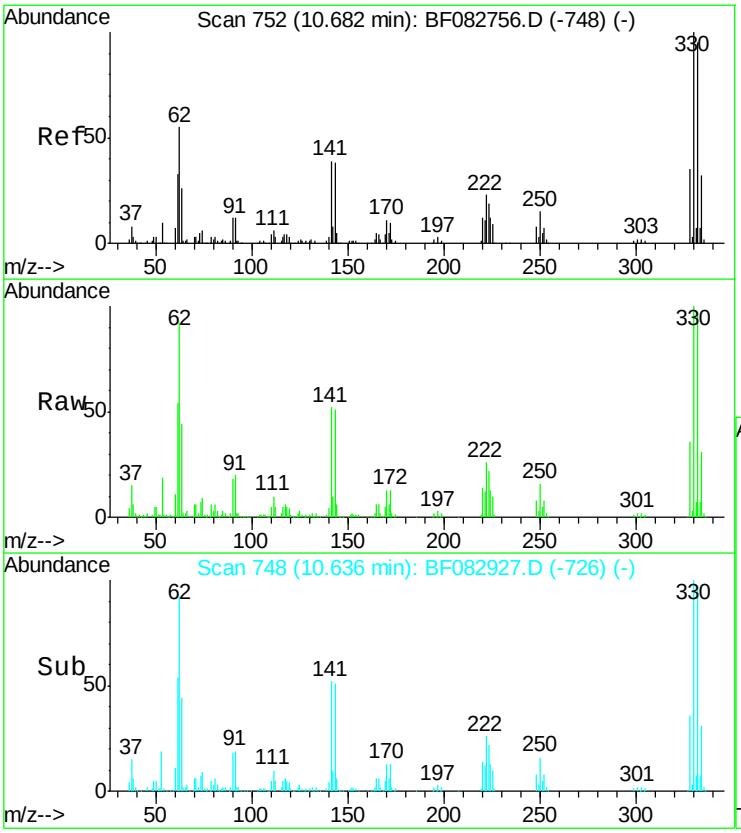
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion:164 Resp: 341142

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.9	127.3
160	45.5	37.5	56.3

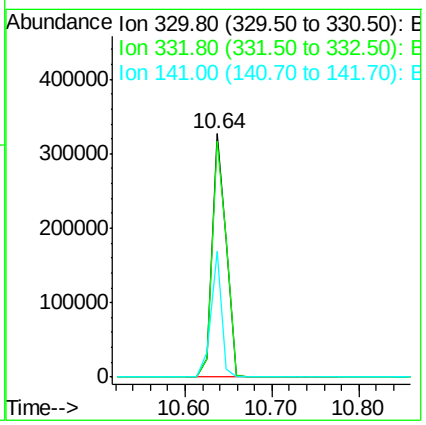


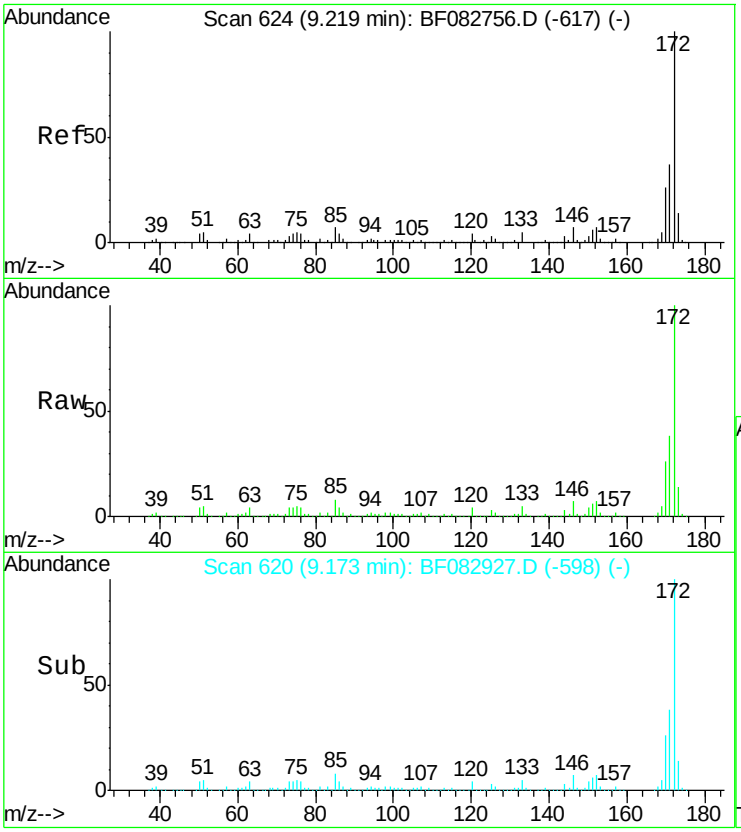


#41
2,4,6-Tribromophenol
Concen: 95.22 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:330 Resp: 372448

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	40.0	41.2	61.8#



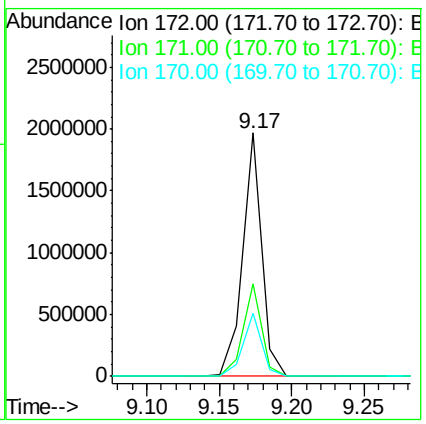


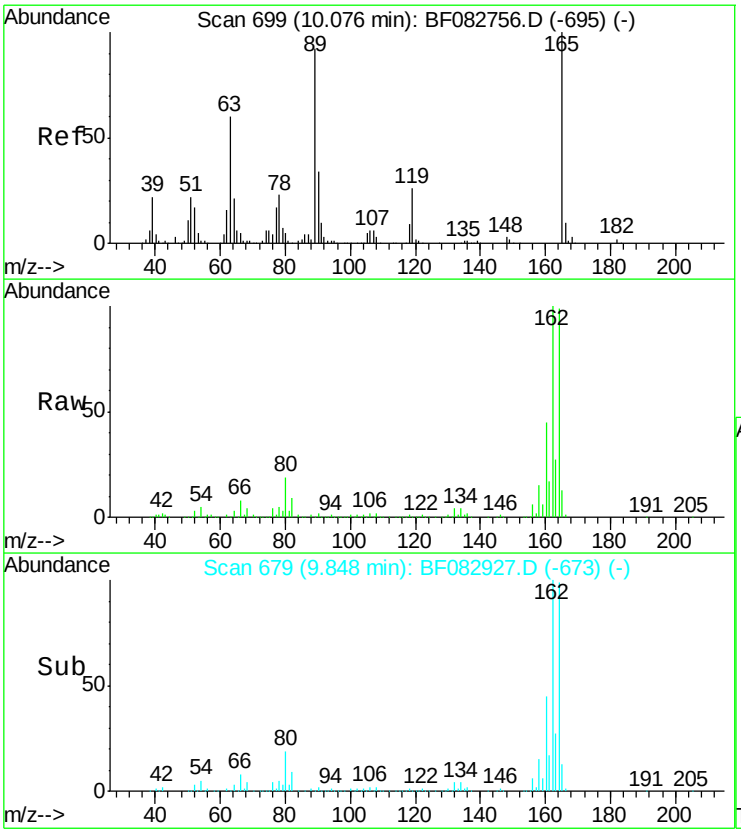
#44
2-Fluorobiphenyl
Concen: 75.49 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion:172 Resp: 1796897

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.9	21.2	31.8

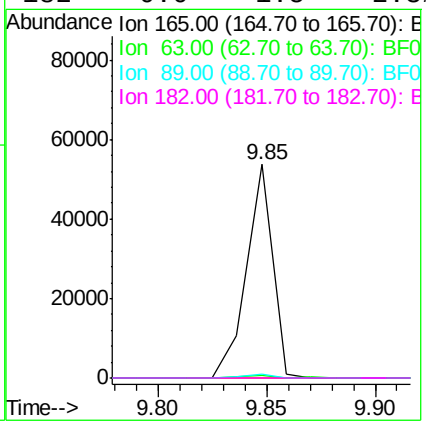


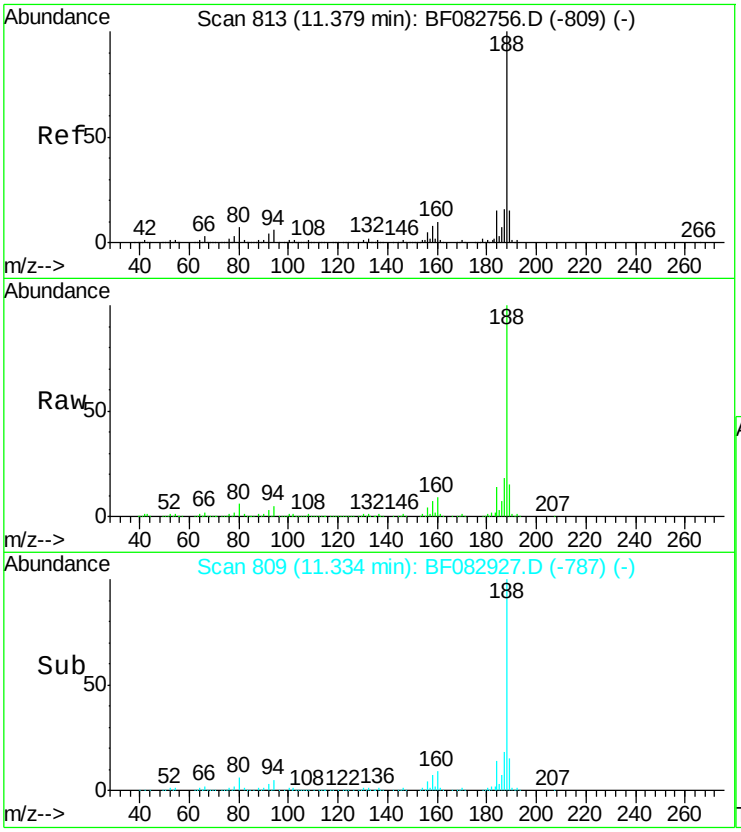


#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.23 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:165 Resp: 44808

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



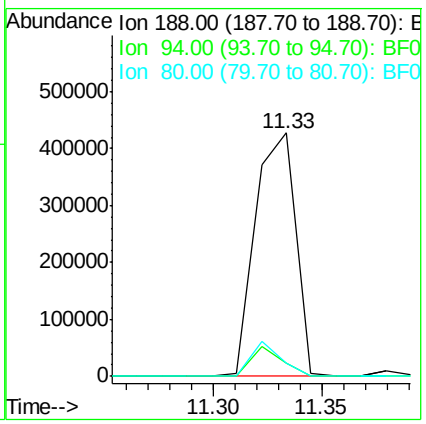


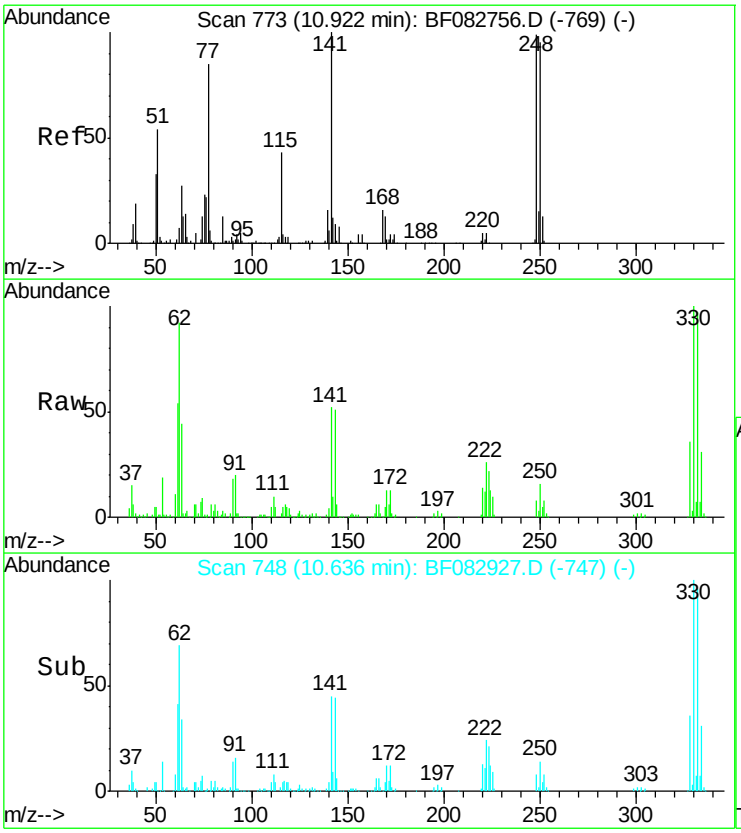
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URS-MW-14

Tgt Ion:188 Resp: 554762

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.1	9.1#
80	5.7	7.0	10.6#





#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:248 Resp: 25739

Ion	Ratio	Lower	Upper
248	100		
250	184.3	79.4	119.2#
141	612.4	36.3	54.5#